BORING LOGS

HAMMER — CASING WT: 300 - FALL: 24" / SAMPLER WT: 140 - FALL 30"

SAMPLER I.D. 1 3/8" / CASING I.D. 2 1/2"

BORINGS TAKEN BY: ALLSTATE DRILLING CO, 227 WAMPANOAG TRAIL, RIVERSIDE, R.I.

ALLSTATE NO: T-105 - CONTR NG2464-68-0131

DATES TAKEN: START 4-6-68 FINISH 4-8-68

BORING #1 — RUN 1: 7.5'-12.5' RECEIVED 0.5' RUN 2: 12.5'-17.5' ◇ RECOVERED 0.5'

X	Y	Z
0.5	42.2	
	12	A
	15	
	18	
	29	
5.0	33	
		B
	29	
	51	
●7.5	396	
		C
10.3		◀

BORING #2 — RUN 1: 8.0'-13.0' RECEIVED 0.9' RUN 2: 13.0'-18.0' ◇ RECOVERED 0.7'

X	Y	Z
0.3	39.8	
	27	A
	33	
	42	
4.0	46	
		D
	69	
	29	
	36	E
● 8.0	276	
15.2		◀

BORING #3 — NO WATER

X	Y	Z
0.3	42.1	
	18	A
	26	
	37	
■3.5	400	F

BORING #4 — NO WATER

X	Y	Z
0.3	41.6	
	18	A
	26	
■3.0	379	G

BORING #5 — NO WATER

X	Y	Z
	40.8	
	18	I
	20	
	26	
5.0	30	H
■6.2	51	J

BORING #6 — NO WATER

X	Y	Z
0.4	43.5	
	21	A
	88	
■2.5	326	K

BORING #7 — NO WATER

X	Y	Z
0.4	42.8	
	28	A
	30	
■2.5	361	L

BORING #7A — RUN 1: 2.5'-7.5' RECEIVED 0.4' RUN 2: 7.5'-12.5' ◇ RECOVERED 0.6'

X	Y	Z
0.3	42.8	
FT		A
	56	
		L
●2.5	324	
8.2		◀

BORING #8 — NO WATER

X	Y	Z
0.3	41.0	
	11	A
■1.5		N

BORING #9 — NO WATER

X	Y	Z
0.3	41.4	
	28	A
■2.0	406	N

BORING #9A — RUN 1: 3.0'-8.0' RECEIVED 0.8' RUN 2: 8.0'-13.0' ◇ RECOVERED 1.2'

X	Y	Z
0.3	41.3	
	18	A
	39	
		N
●3.0	256	
4.6		◀

BORING #10 — NO WATER

X	Y	Z
	42.3	
	10	
	12	
	12	P
	14	
5.0		
		Q
■5.5		

BORING #11 — NO WATER

X	Y	Z
	42.0	
0.3	11	R
	15	
	15	M
■3.5	347	

BORING #11A — NO WATER

X	Y	Z
0.3	41.4	
	12	S
	15	
		F
■3.0	326	

BORING #12 — NO WATER

X	Y	Z
0.5	41.4	
	10	S
	15	
17		T
■4.0	422	

BORING #13 — NO WATER

X	Y	Z
	45.1	
	16	
	26	
	37	U
	43	
■4.5	268	

BORING #13A — RUN 1: 2.5'-7.5' RECEIVED 0.6' RUN 2: 7.5'-12.5' ◇ RECOVERED 1.2'

X	Y	Z
	45.3	
	21	
	36	U
●2.5	341	
4.0		

BORING #14 — NO WATER

X	Y	Z
	45.0	
	17	
	22	V
■3.0	482	

BORING #15 — NO WATER

X	Y	Z
	42.4	
	17	U
■2.0	382	

BORING #16 — NO WATER

X	Y	Z
	42.2	
	16	
	18	W
■3.0	336	

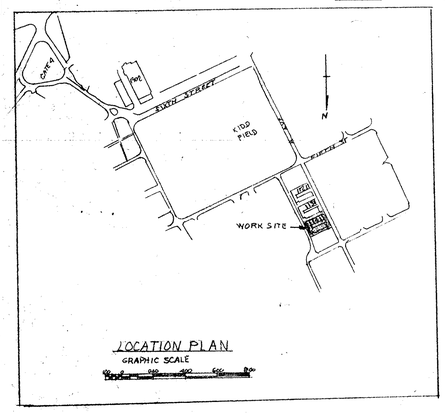
BORING #16A — RUN 1: 2.5'-7.5' RECEIVED 0.8' RUN 2: 7.5'-12.5' ◇ RECOVERED 1.3'

X	Y	Z
	42.2	
	18	
	39	O
●2.5	284	
4.6		◀

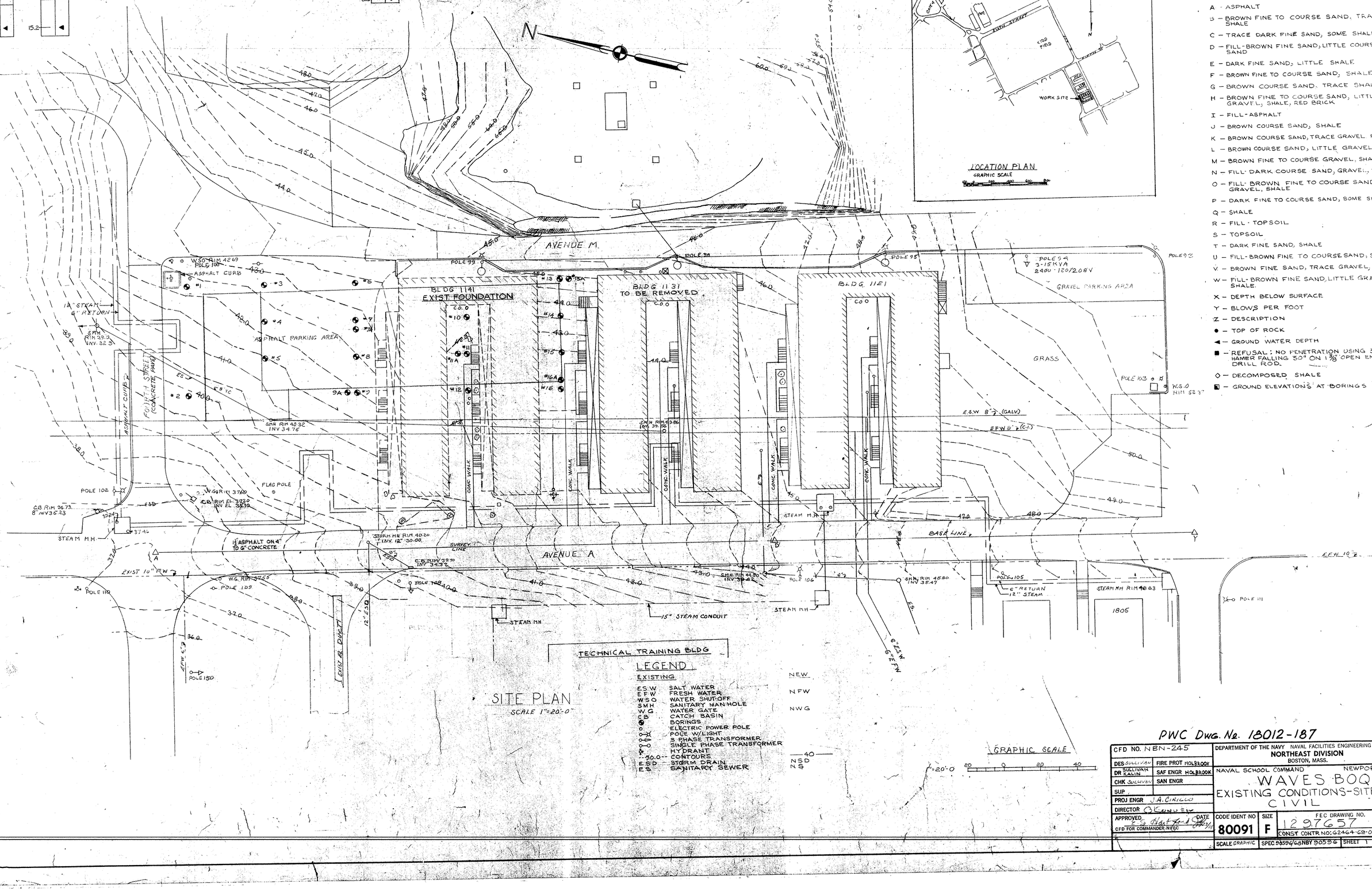
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

BORING LOG KEY

A - ASPHALT
B - BROWN FINE TO COURSE SAND, TRACE SHALE
C - TRACE DARK FINE SAND, SOME SHALE
D - FILL-BROWN FINE SAND, LITTLE COURSE SAND
E - DARK FINE SAND; LITTLE SHALE
F - BROWN FINE TO COURSE SAND, SHALE
G - BROWN COURSE SAND, TRACE SHALE
H - BROWN FINE TO COURSE SAND, LITTLE GRAVEL, SHALE, RED BRICK
I - FILL-ASPHALT
J - BROWN COURSE SAND, SHALE
K - BROWN COURSE SAND, TRACE GRAVEL FILL
L - BROWN COURSE SAND, LITTLE GRAVEL
M - BROWN FINE TO COURSE GRAVEL, SHALE
N - FILL-DARK COURSE SAND, GRAVEL, SHALE
O - FILL-BROWN FINE TO COURSE SAND, GRAVEL, SHALE
P - DARK FINE TO COURSE SAND, SOME SHALE
Q - SHALE
R - FILL-TOPSOIL
S - TOPSOIL
T - DARK FINE SAND, SHALE
U - FILL-BROWN FINE TO COURSE SAND, SHALE
V - BROWN FINE SAND, TRACE GRAVEL, SHALE
W - FILL-BROWN FINE SAND, LITTLE GRAVEL, SHALE.
X - DEPTH BELOW SURFACE
Y - BLOWS PER FOOT
Z - DESCRIPTION
● - TOP OF ROCK
◀ - GROUND WATER DEPTH
■ - REFUSAL; NO PENETRATION USING 300# HAMER FALLING 30" ON 1 3/8" OPEN END DRILL ROD.
◇ - DECOMPOSED SHALE
◪ - GROUND ELEVATIONS AT BORINGS



LOCATION PLAN
GRAPHIC SCALE



SITE PLAN
SCALE 1"=20'-0"

TECHNICAL TRAINING BLDG

LEGEND

EXISTING		NEW	
ESW	SALT WATER		
EFW	FRESH WATER	NFW	
WSO	WATER SHUT-OFF		
SMH	SANITARY MANHOLE		
WG	WATER GATE	NWG	
CB	CATCH BASIN		
●	BORINGS		
○	ELECTRIC POWER POLE		
○—	POLE W/LIGHT		
○—	3 PHASE TRANSFORMER		
○—	SINGLE PHASE TRANSFORMER		
⊕	HYDRANT		
30.0	CONTOURS	40	
ESD	STORM DRAIN	NSD	
ES	SANITARY SEWER	NS	

GRAPHIC SCALE
1"=20'-0"
0 20 40

PWC Dwg. No. 18012-187

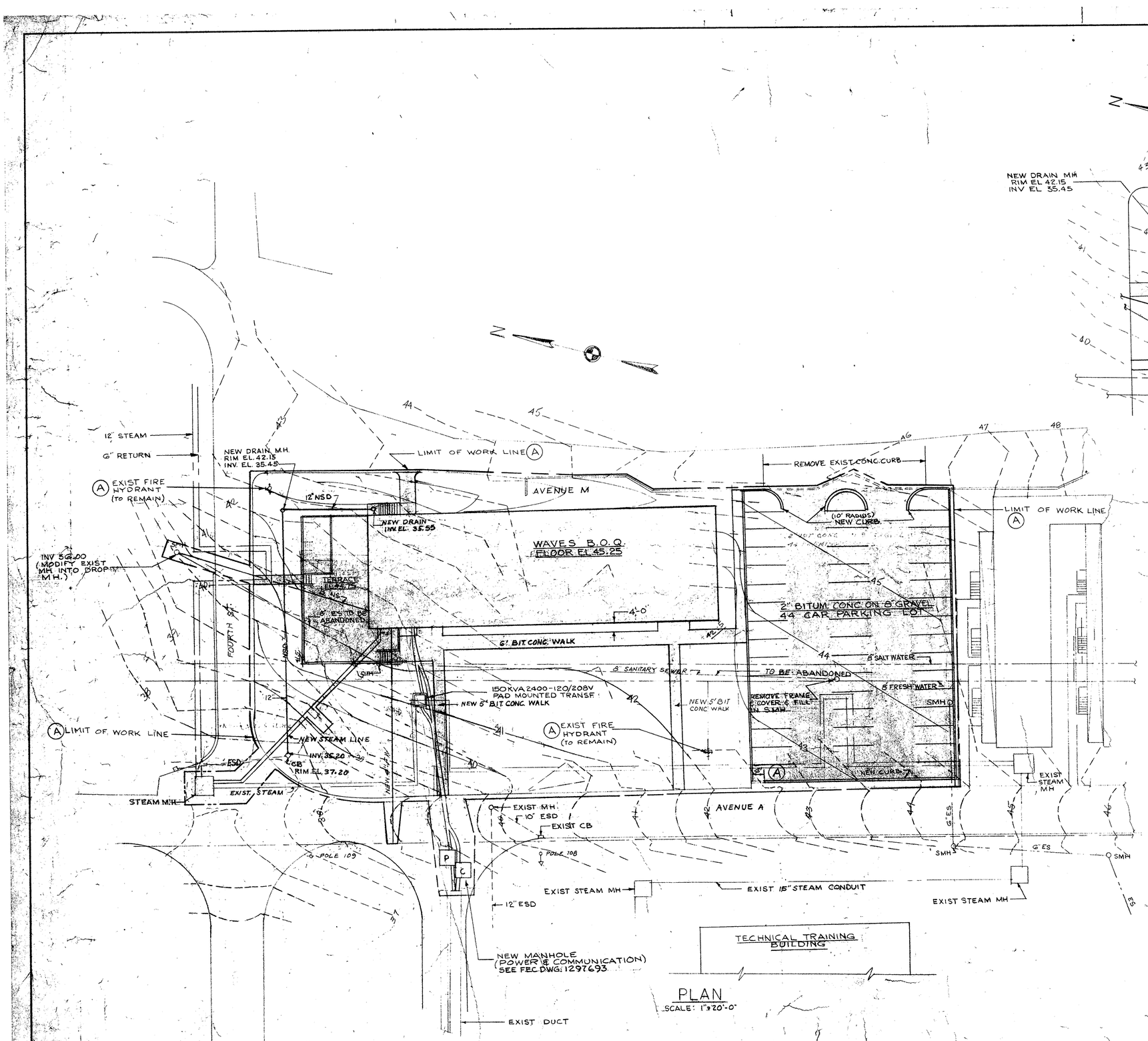
CFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES SULLIVAN	FIRE PROT HOLBROOK	
DR KALIN	SAF ENGR HOLBROOK	
CHK SULLIVAN	SAN ENGR	
SUP		
PROJ ENGR J.A. CIRILLO		
DIRECTOR		
APPROVED DATE		
CFD FOR COMMANDER NAEC		

NAVAL SCHOOL COMMAND NEWPORT, R.I.

WAVES BOQ
EXISTING CONDITIONS-SITE PLAN
CIVIL C-1

CODE IDENT NO	SIZE	FEC DRAWING NO.
80091	F	1297657
SCALE GRAPHIC	SPEC 90596/68NBY 90596	CONST CONTR NO: G2464-68-0-0108
		SHEET 1 OF 4 1

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED
(A)	ADDED LIMIT OF WORK LINE & EXIST FIRE HYD. DELETED 6' OF CURB	RFK	8/6/69	OCE



SITE PLAN FOR BID ITEMS 1 & 2 SOUTH END
SITE PLAN FOR BID ITEMS 1, 2, 3a & 3b NORTH END
(SCALE: 1"=20')

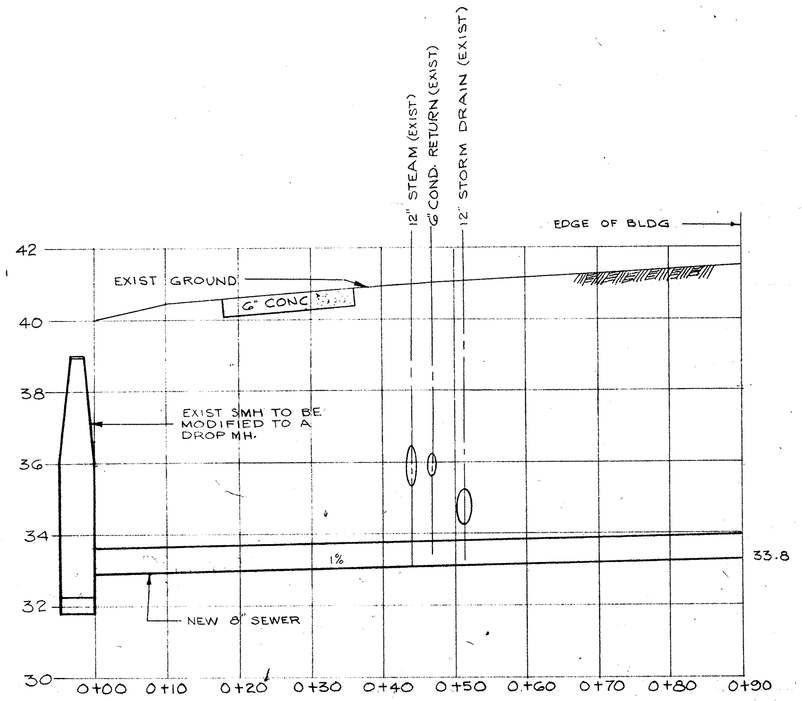
NOTES:

1. FOR LEGEND SEE FEC DRAWING NO. 1297657 - SHT 1
2. FOR PROFILES & SECTIONS SEE FEC DRAWING NO 1297659 - SHT 3
3. PROVIDE 4" OF LOAM & SEED ALL DISTURBED & UNPAVED AREAS WITHIN WORK SITE.

PWC 18013-187

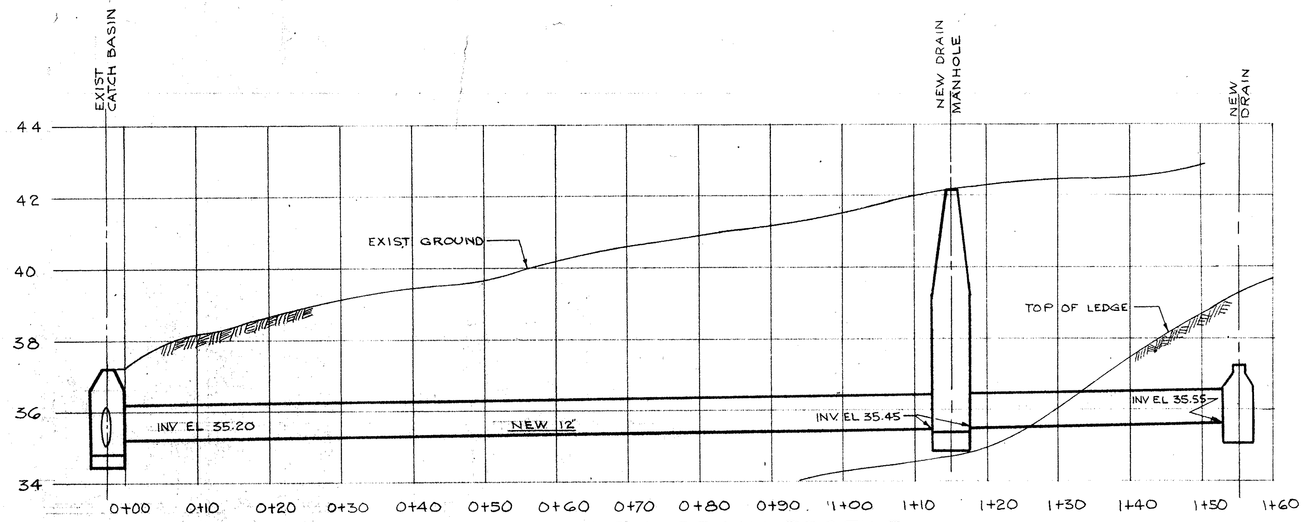
CFD NO. NBN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES SULLIVAN	FIRE PROT HOLBROOK	
DR KALIN	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.
CHK SULLIVAN	SAN ENGR	WAVES B.O.Q. SITE & UTILITY PLAN CIVIL
SUP		
PROJ ENGR J.A. CIRILLO		
DIRECTOR		
APPROVED DATE CFD FOR COMMANDER NTEC		
1		
CODE IDENT NO 80091	SIZE F	FEC DRAWING NO. 1297658
SCALE GRAPHIC	SPEC 9089/GBNBY 9089/G	CONSTR. CONTR. NO. N62474-69-C-0102 SHEET 2 OF 3

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



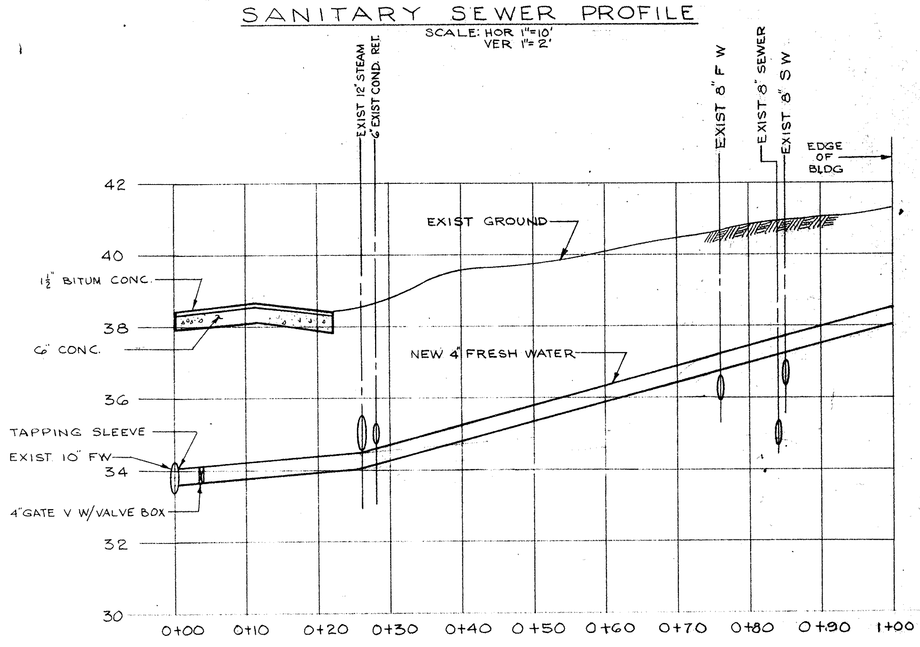
SANITARY SEWER PROFILE

SCALE: HOR 1"=10'
VER 1"=2'



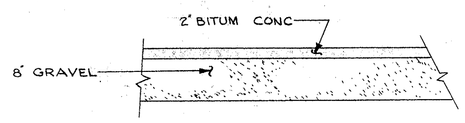
STORM DRAIN PROFILE

SCALE: HOR 1"=10'
VER 1"= 2'



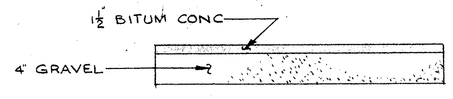
FRESH WATER PROFILE

SCALE: HOR 1"=10'
VER 1"=2'



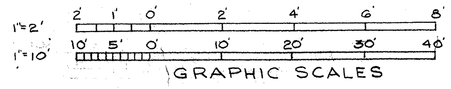
PAVING SECTION

(SCALE: NONE)



SIDEWALK SECTION

(SCALE: NONE)

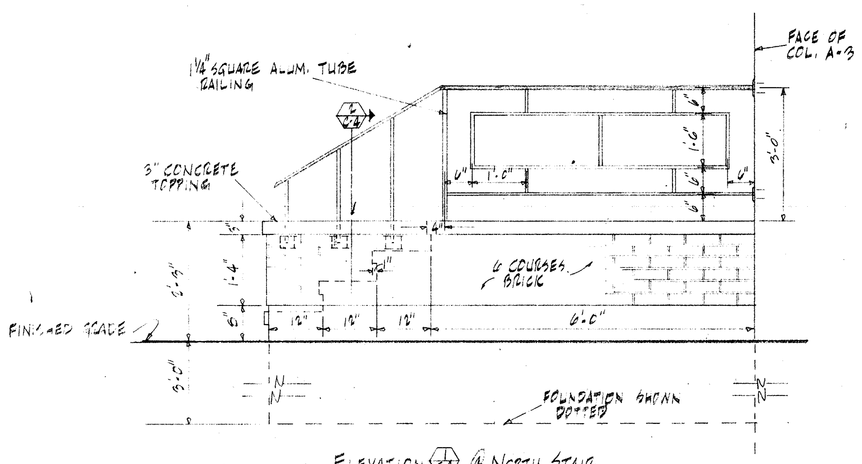


GRAPHIC SCALES

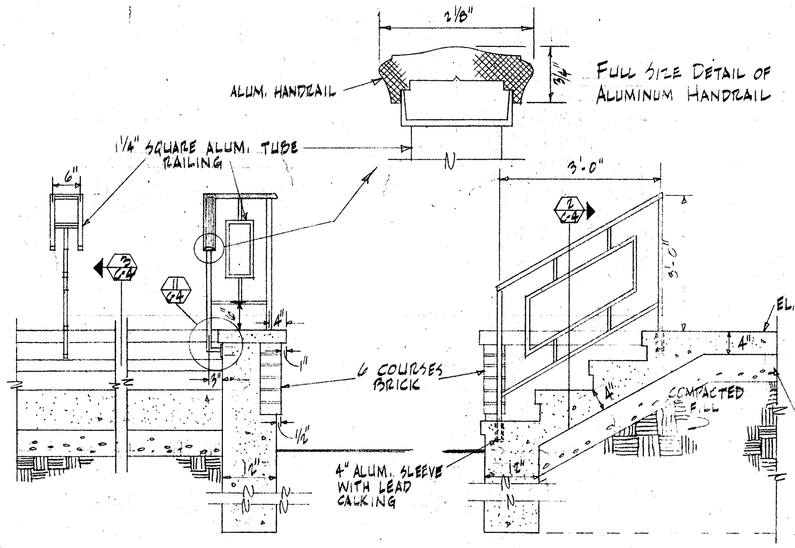
PWC DWG. NO. 18014-187

CFD NO. NBN 245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES SULLIVAN / FIRE PROT HOLBROOK		
DR KALIN / SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.	
CHK SULLIVAN / SAN ENGR	WAVES B.O.Q.	
SUP	PROFILES & SECTIONS	
PROJ ENGR V.A. CIRILLO	CIVIL C-3	
DIRECTOR [signature]		
APPROVED [signature] DATE 4/12/67 CFD FOR COMMANDER NAVFAC	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO 1297659	
	SCALE GRAPHIC / CONST CONTR NO 62464-69-C-0108	
	SPEC 30596/60 NBY 30556 / SHEET 3 OF 41	

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

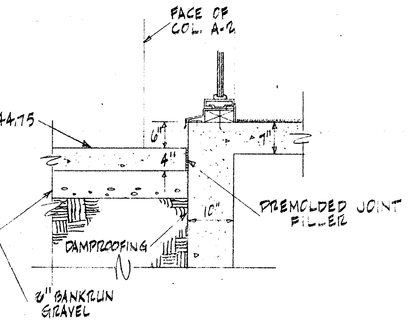


ELEVATION @ NORTH STAIR
3/4" = 1'-0"

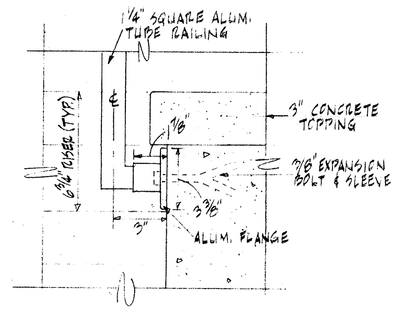


SECTION
3/4" = 1'-0"

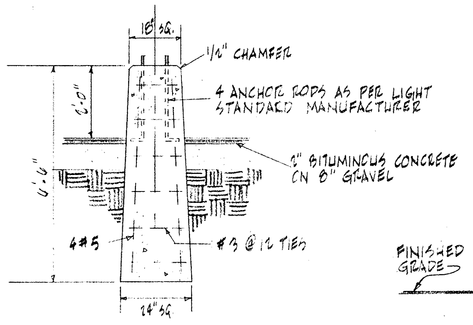
SECTION
3/4" = 1'-0"



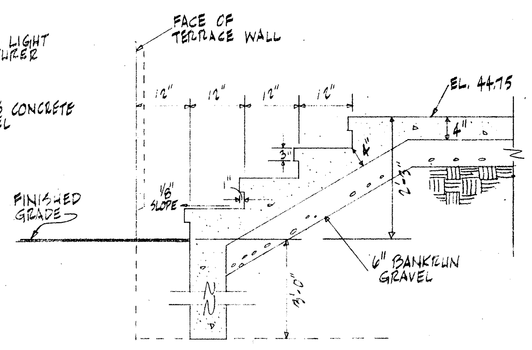
SECTION @ WINDOW WALL
3/4" = 1'-0"



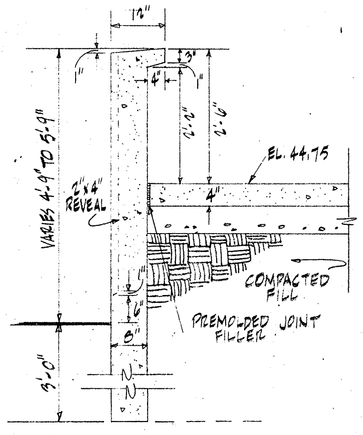
DETAIL
3" = 1'-0"



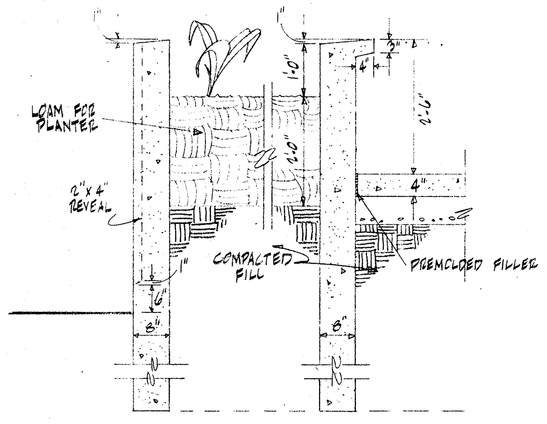
LIGHT STANDARD FOOTING FOR FIXTURE TYPE "N"



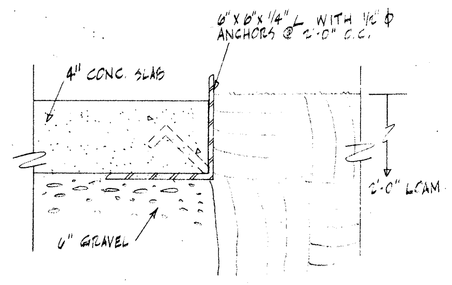
SECTION @ TERRACE STAIRS
3/4" = 1'-0"



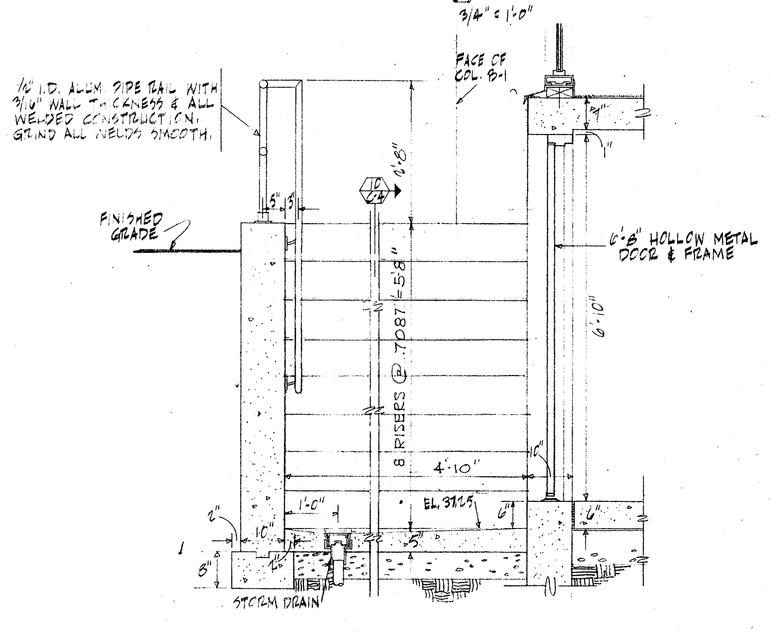
TYPICAL SECTION @ TERRACE WALL
3/4" = 1'-0"



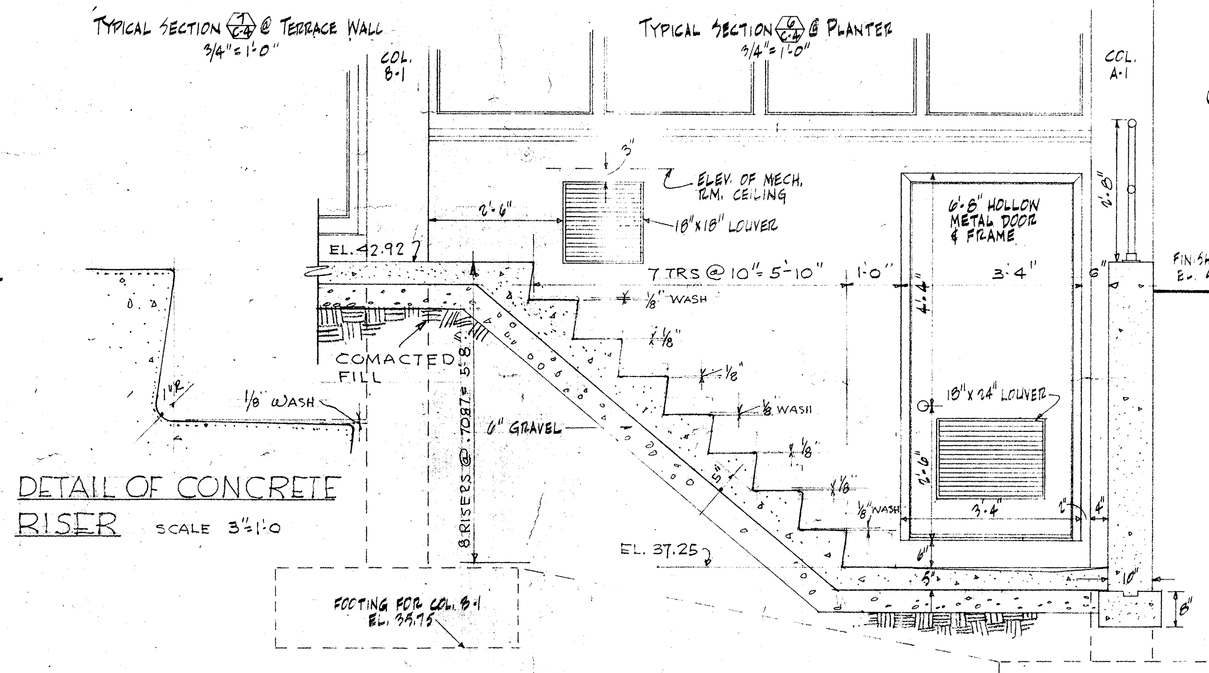
TYPICAL SECTION @ PLANTER
3/4" = 1'-0"



SECTION @ TERRACE LEVEL PLANTER
3" = 1'-0"

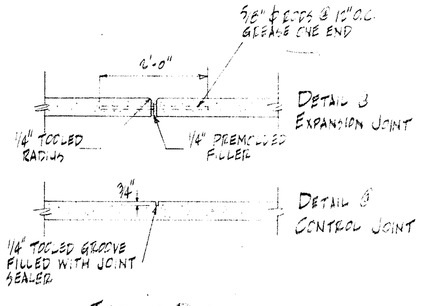


SECTION @ STAIR WELL TO MECHANICAL ROOM
3/4" = 1'-0"



SECTION @ THRU STAIR WELL TO MECHANICAL ROOM
3/4" = 1'-0"

DETAIL OF CONCRETE RISER
SCALE 3"=1'-0

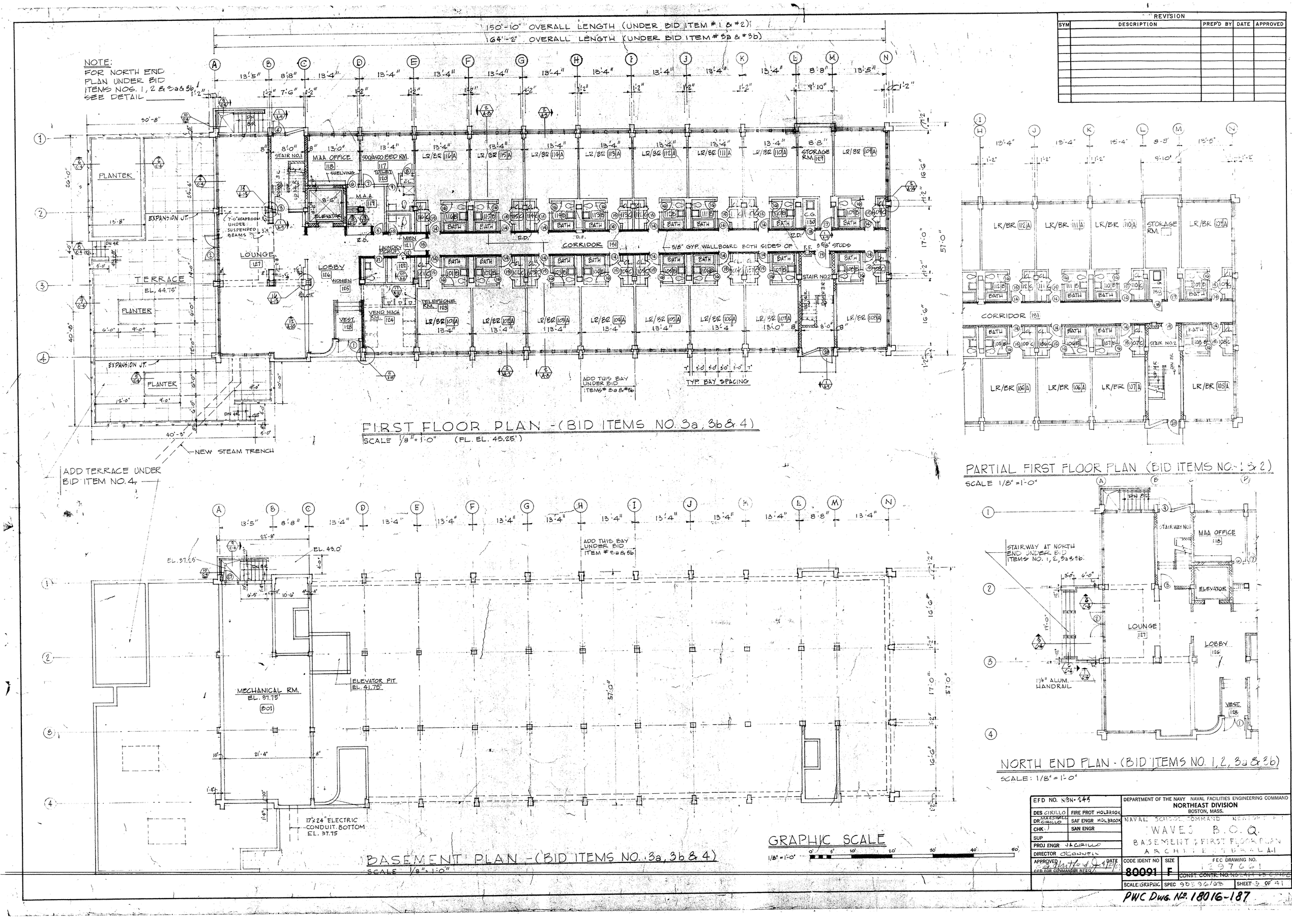


TERRACE DETAILS
3/4" = 1'-0"

GRAPHIC SCALES
3/4" = 1'-0"
3" = 1'-0"

EFD NO. NBN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES CIRILLO	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND	NEWPORT, R.I.
DRG ENSFIELD	SAF ENGR HOLBROOK	WAVES B.O.Q.	
CHK	SAN ENGR	SITE DETAILS	
SUP.		CIVIL	C-4
PROJ ENGR J.A. CIRILLO			
DIRECTOR OCONNELL			
APPROVED DATE		CODE IDENT NO 80091	SIZE F
CFD FOR COMMANDER NEDC		FED DRAWING NO.	
		CONST. CONTR. NO. N62472-80-C-0183	
		SCALE GRAPHIC	SPEC 90540/58 SHEET 4 OF 41

PWC DWG. NO. 18015-187

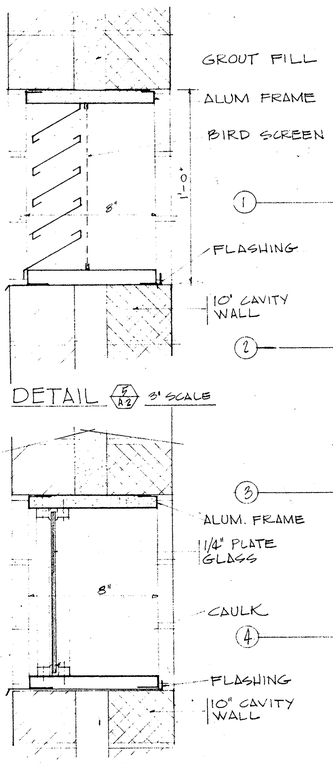


REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

EFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES CIRILLO / FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.
DR MACSHALL CIRILLO / SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK / SAN ENGR	BASEMENT & FIRST FLOOR PLAN
SUP	ARCHITECTURAL A-1
PROJ ENGR J.A. CIRILLO	
DIRECTOR O'CONNELL	
APPROVED / DATE	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1297661
CFD FOR COMMANDER NEEC	CONST. CONTR. NO. N62464-65-C-1162
	SCALE: GRAPHIC / SPEC 90596/68 / SHEET 5 OF 41

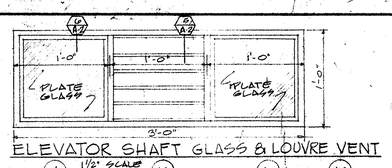
PWC Dwg. No. 18016-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

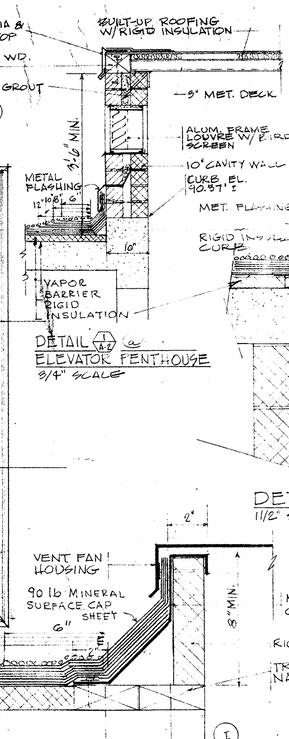


DETAIL 5/A2 3" SCALE

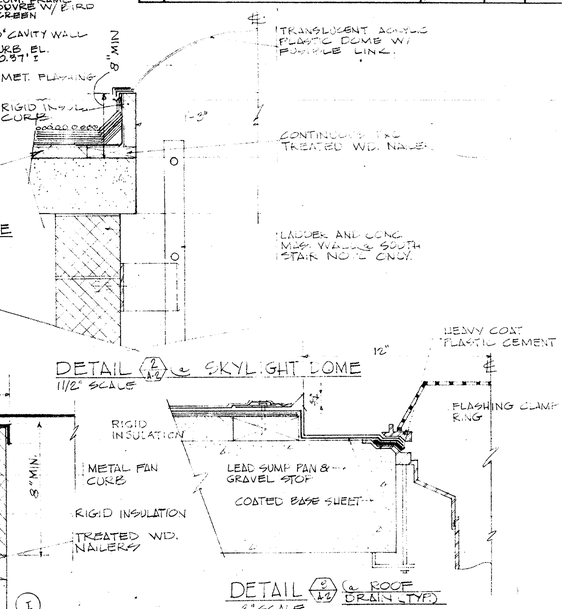
DETAIL 6/A2 3" SCALE



ELEVATOR SHAFT GLASS & LOUVRE VENT
1 1/2" SCALE



DETAIL 1/A2 @ ELEVATOR PENTHOUSE
3/4" SCALE

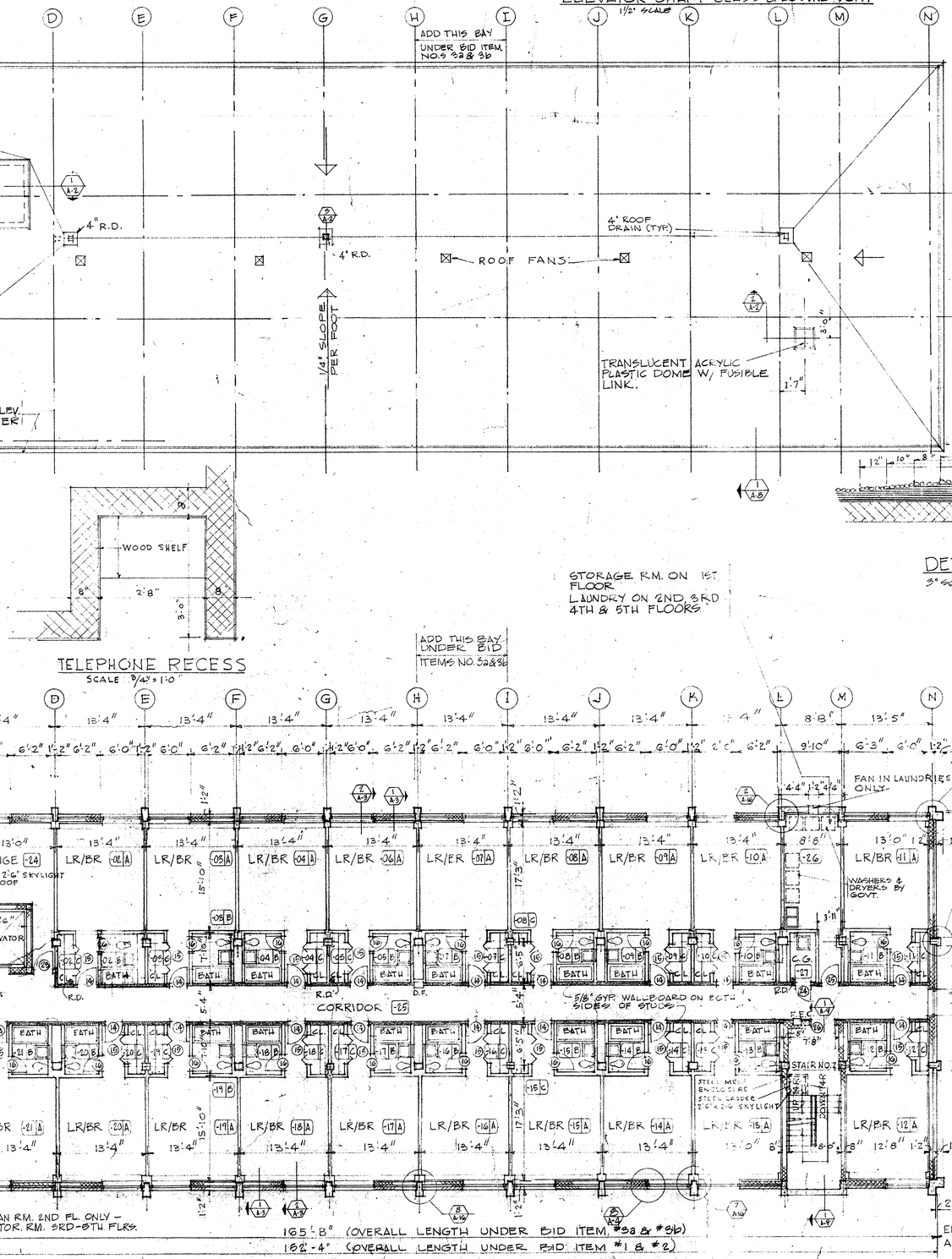


DETAIL 4/A2 @ ROOF VENT. FAN CURB
3" SCALE

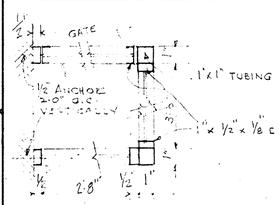
DETAIL 2/A2 @ SKYLIGHT DOME
1 1/2" SCALE

DETAIL 6/A2 @ ROOF DRAIN (TYP.)
3" SCALE

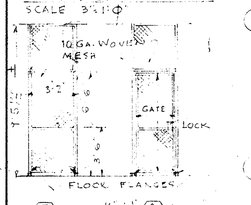
TELEPHONE RECESS
SCALE 3/4"=1'-0"

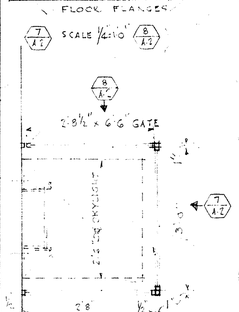


ROOF PLAN
SCALE 1/8"=1'-0"



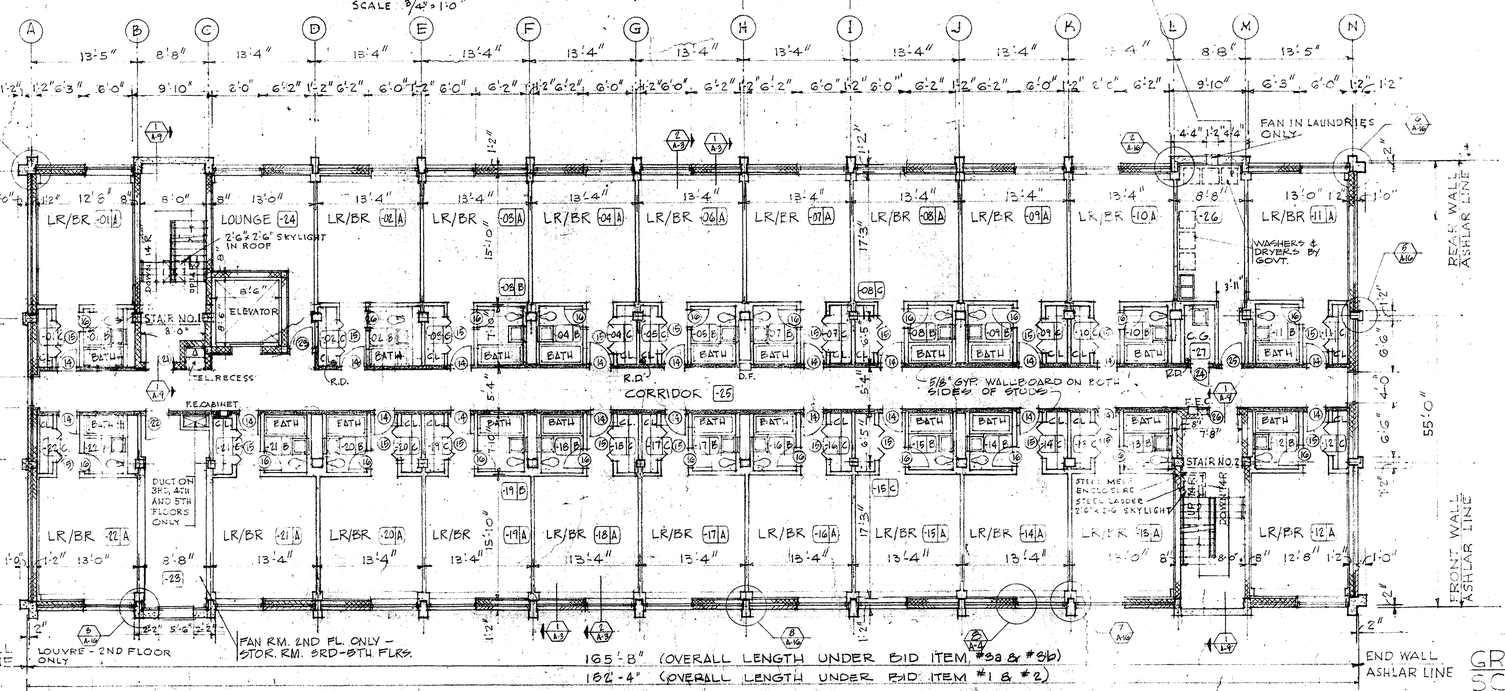
PLAN OF WIRE MESH ENCLOSURE
SCALE 3/4"=1'-0"



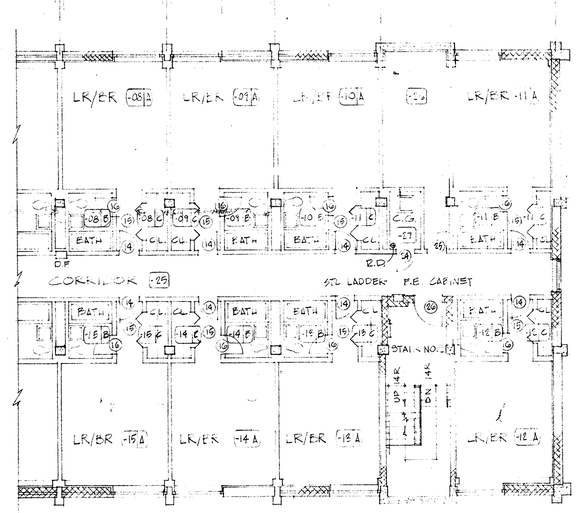


PLAN SCALE 3/4"=1'-0"

DETAIL OF WIRE MESH ENCLOSURE-STAIR NO.2

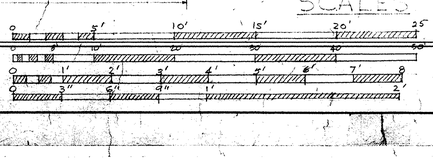


SECOND-THIRD-FOURTH-FIFTH FLOOR PLAN (BID ITEMS NO 32 & 36)
SCALE 1/8"=1'-0"



PARTIAL TYP FLOOR PLAN (BID ITEMS NO. 1 & 2)
SCALE: 1/8"=1'-0"

GRAPHIC SCALES



PWC DWG # 18017-187

E.F.D. NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DESCIRILLO / FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.
DR MARTINELLO / SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK / SAN ENGR	ROOF-TYPICAL FLOOR PLANS & DETAILS
SUP:	ARCHITECTURAL A-2
PROJ ENGR J.A. CIRILLO	
DIRECTOR	
APPROVED / DATE: CFD FOR COMMANDER NFEC 9/22/67	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1297682
SCALE: GRAPHIC	SPEC 90596/68 / SHEET 6 OF
	CONST. CONTR. NO. N62467-68-C

PWC DWG. NO. 18017-1

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

TOP OF CONCRETE EL. 90.25

BUILT-UP ROOFING
RIGID INSULATION
VAPOR BARRIER

DRIP

5TH FL. CEILING

STEEL MASONRY WALL REINFORCEMENT SPACED EVERY SECOND C.M.U COURSE. 2 COURSES ABOVE AND BELOW ALL WINDOW OPENINGS

FIFTH FL. EL. 79.92
FOURTH FL. EL. 71.25
THIRD FL. EL. 62.58

DAMPPROOFING

147 S.C. = 33'-8"

8'-8" EACH STORY

THROUGH WALL FLASHING

SECOND FL. EL. 53.92

5/16" WEEP HOLES 24" OR 32" O.C.

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

FIXED SASH | SLIDING SASH

SOLID BLOCK JAMBS 1'-4" WIDE AT ALL WINDOW OPENINGS

13'-5" 13'-4"
SEE FLOOR PLANS

INSULATED PANEL

BRICK

FIXED SASH | SLIDING SASH

INSULATED PANEL

THROUGH WALL FLASHING

SLIDING SASH | FIXED SASH | SLIDING SASH

6'-1 3/16" | 3'-0 1/16" | 3'-0 1/8"

INSULATED PANELS

INSULATED PANEL

VARIES: 1'-1" FOR TYPE (1), 9" FOR TYPE (2)

EL. 45.25

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

POWDER CHARGE ANCHORS

FURRING

SEALANT

GYPSUM BOARD

FULL SIZE AT

FULL SIZE AT

1"x 1/2"x 1/8" ALUM. U CONDENSATION GUTTER

DRAIN SLOT

1 1/8" BIRCH

CARRY METAL FLASHING UP TO TOP OF CMU. ABOVE SPANDREL

BLOCKING

INSULATED PANEL

1 3/4"x 1 3/4"x 3/16" CLIP ANGLE AT EACH JAMB

SEALANT

1 3/4"x 3" ALUM. TUBING

SEALANT

ALUMINUM CONDENSATION GUTTER

8"

BIRCH

1/2" GYPSUM BOARD

FURRING

GYPSUM BOARD

FULL SIZE AT

FULL SIZE AT

2"

1"

INSULATED PANEL

8" CMU

SEALANT

ALUMINUM SILL

1/2"

SHIM

POWDER CHARGE ANCHOR

FULL SIZE AT

GRAPHIC SCALE

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

SCALE: FULL SIZE

EFD NO. NGN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES MARCHALL	FIRE PROT HOLBROOK		
DR MARSHALL	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.	
CHK	SAN ENGR	WAVES B.O.Q.	
SUP		WALL SECTIONS & WINDOW DETAILS	
PROJ ENGR	J.A. CIRILLO	ARCHITECTURAL A-3	
DIRECTOR	O'CONNELL		
APPROVED CFD FOR COMMANDER NFEC	DATE 9/22/69	CODE IDENT NO 80091	SIZE F
		FEC DRAWING NO. 1297663	
		CONST. CONTR NO. N62467-69-C0108	
SCALE GRAPHIC		SPEC 905-94/68	SHEET 7 OF 41

PWC Dwg. No. 18018-187

ABBREVIATIONS

COL. COLUMN
CONC. CONCRETE
EL. ELEVATIONS.
TYP. TYPICAL

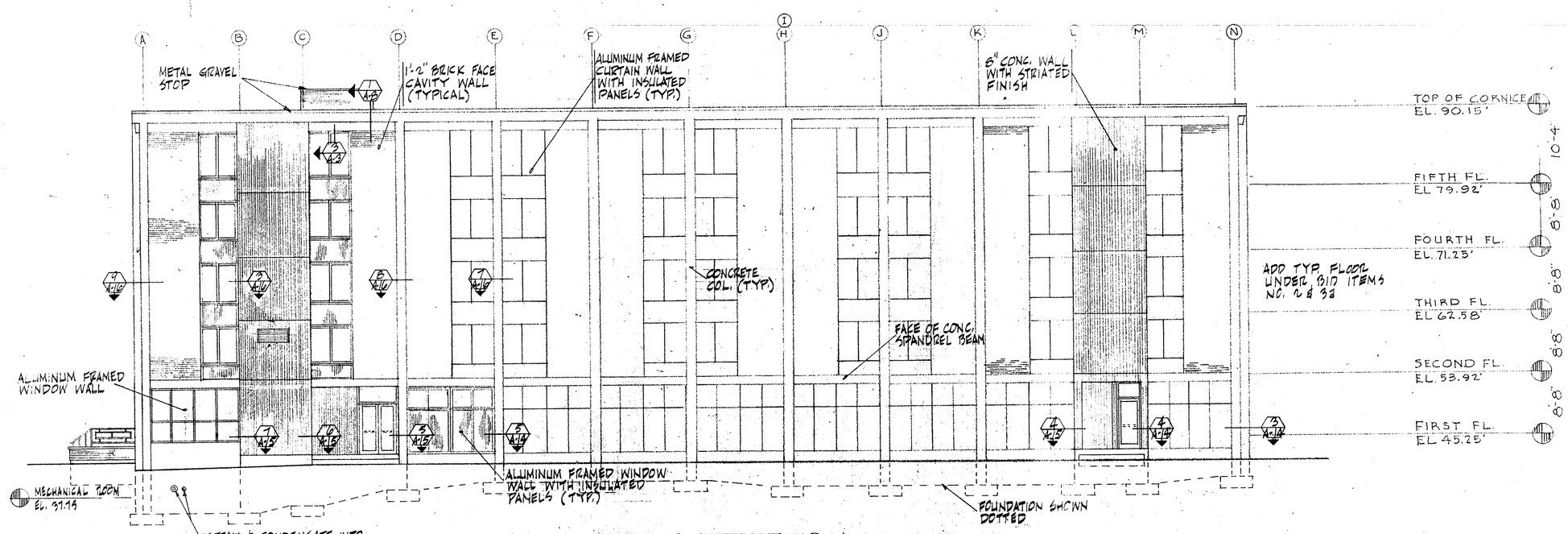
GENERAL NOTES:

1. FOR WINDOW DETAILS SEE FEC DRAWINGS NO. 1,297,663 AND FEC DRAWING NO. 1,297,664.
2. FOR ELEVATIONS UNDER BID ITEM NO.2 SEE FEC. DRAWING NO. 1,297,665.
3. FOR ELEVATIONS UNDER BID ITEM NOS. 3a & 4 SEE FEC. DRAWING NO. 1,297,666.
4. FOR ELEVATIONS UNDER BID ITEM NO. 3b SEE FEC. DRAWING NO. 1,297,667.

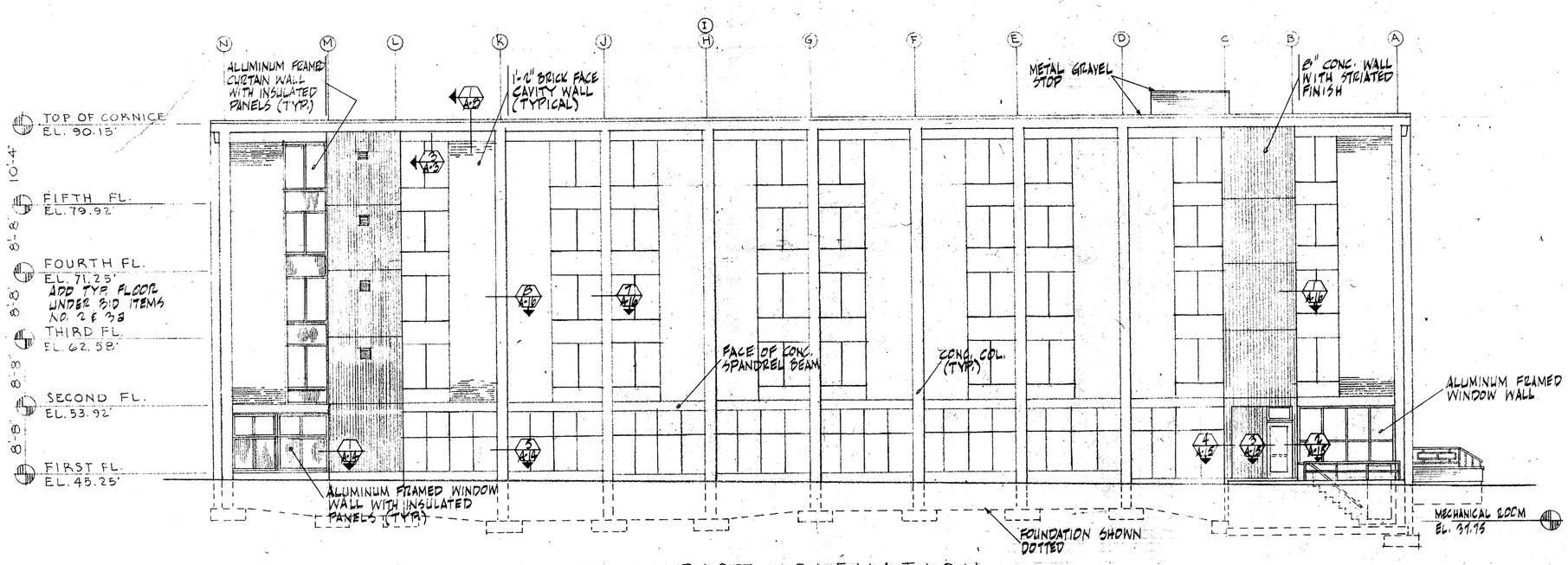
CFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES CIRILLO / FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.
DR MARSHALL BRASSFIED / SAF ENGR HOLBROOK	WAVES B. O. Q.
CHK / SAN ENGR	ELEVATIONS-BID ITEM NO.1
SUP	ARCHITECTURAL A-4
PROJ ENGR J. A. CIRILLO	CODE IDENT NO 80091 · SIZE F · FEC DRAWING NO. 1297664
DIRECTOR O'CONNELL	CONST. CONTR. NO. N62464-68-C-0108
APPROVED [signature] DATE 4/22/71	SCALE GRAPHIC · SPEC 90596/68 · SHEET 8 OF 41

PWC - Dwg. No. 18019-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



WEST ELEVATION
SCALE 1/8" = 1'-0"



EAST ELEVATION
SCALE 1/8" = 1'-0"

GENERAL NOTES

1. FOR WINDOW DETAILS, SEE FEC DRAWING NOS. 1297663 & 1297664.
2. FOR ELEVATIONS UNDER BID ITEM NO. 1 SEE FEC DRAWING NO. 1297664.
3. FOR ELEVATIONS UNDER BID ITEM NOS. 3a & 4 SEE FEC DRAWING NO. 1297666.
4. FOR ELEVATIONS UNDER BID ITEM NO. 3b SEE FEC DRAWING NO. 1297667.

ABBREVIATIONS

COL.	COLUMN
CONC	CONCRETE
EL.	ELEVATION
TYP.	TYPICAL

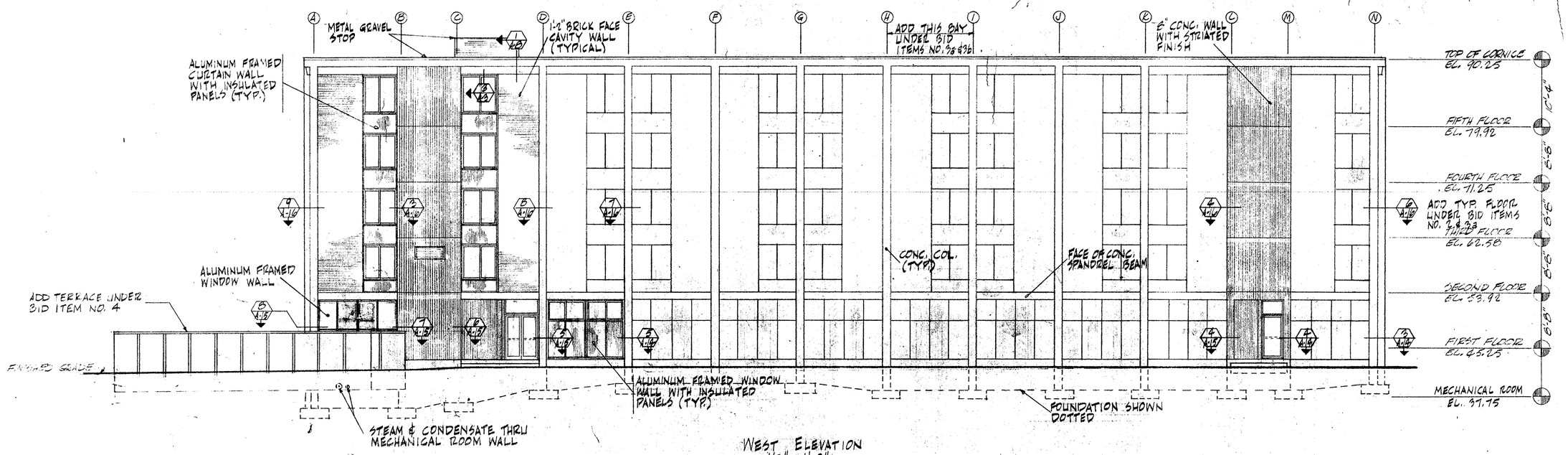
GRAPHIC SCALE

1/8" = 1'-0" 0 5' 10' 20' 30' 40'

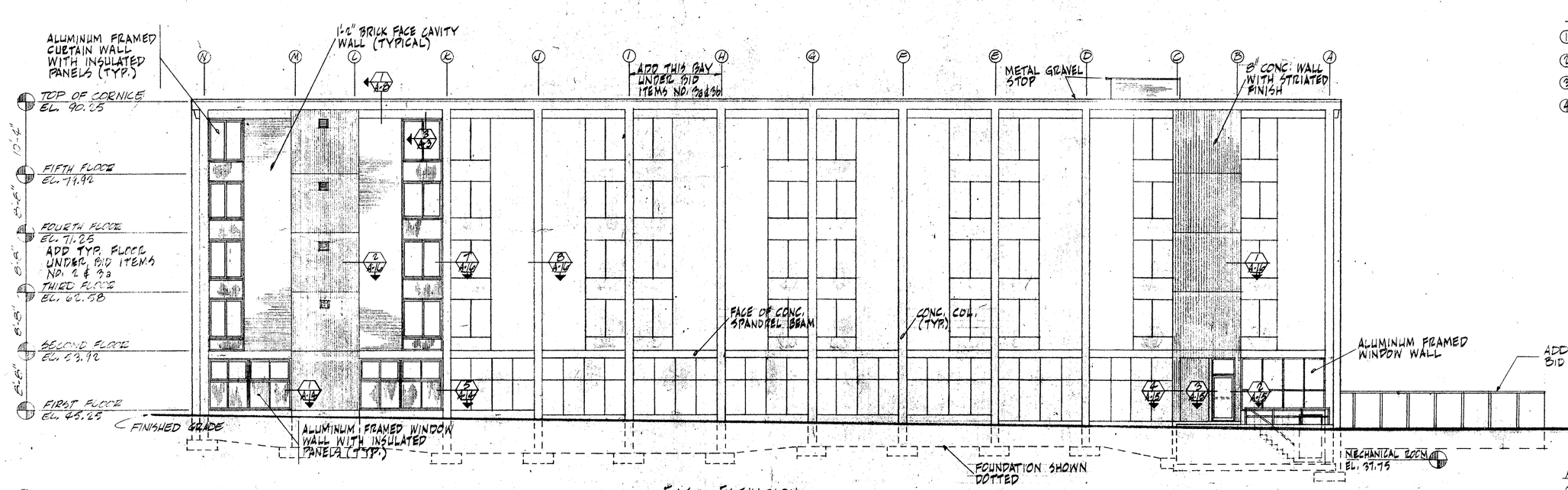
EFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES CIRILLO / FIRE PROT HOLBROOK	
DR CAULSTONE BRASSFIELD / SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND - NEWPORT R.I.
CHK / SAN ENGR	WAVES B.O.Q.
SUP	ELEVATIONS - BID ITEM No 2
PROJ ENGR J.A. CIRILLO	ARCHITECTURAL A-5
DIRECTOR O'CONNELL	
APPROVED / DATE	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1297665
CFD FOR COMMANDER NFEC	CONST. CONTR No. N62464-68-C0108
	SCALE GRAPHIC / SPEC 90596/68 / SHEET 9 OF 41

PWC DWG. No. 18020-187

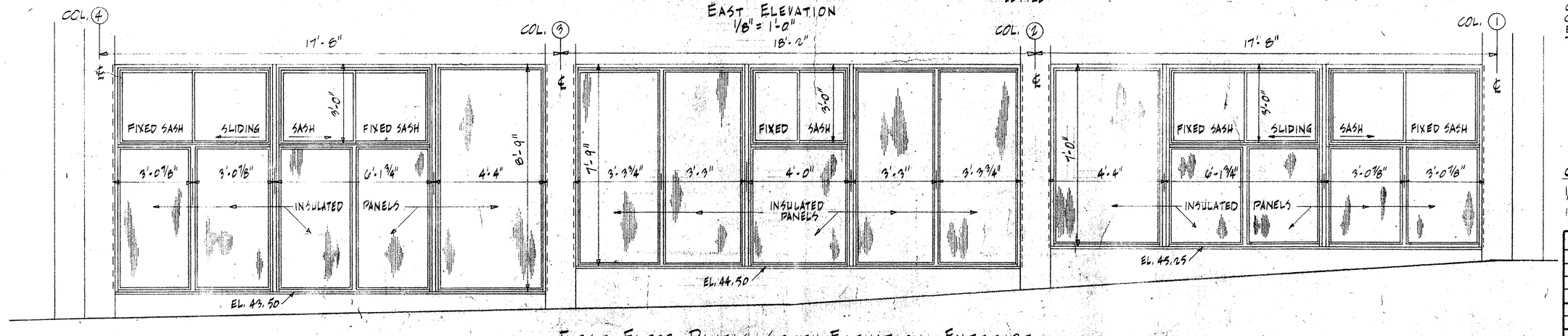
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



WEST ELEVATION
1/8" = 1'-0"



EAST ELEVATION
1/8" = 1'-0"



FIRST FLOOR PANELS - SOUTH ELEVATION - EXTERIOR
1/2" = 1'-0"

GENERAL NOTES

1. FOR WINDOW DETAILS SEE FEC DRAWING NOS. 1297663 & 1297664.
2. FOR ELEVATIONS UNDER BID ITEM NO. 1 SEE FEC DRAWING NO. 1297664.
3. FOR ELEVATIONS UNDER BID ITEM NO. 2 SEE FEC DRAWING NO. 1297665.
4. FOR ELEVATIONS UNDER BID ITEM NO. 3b SEE FEC DRAWING NO. 1297667.

ABBREVIATIONS

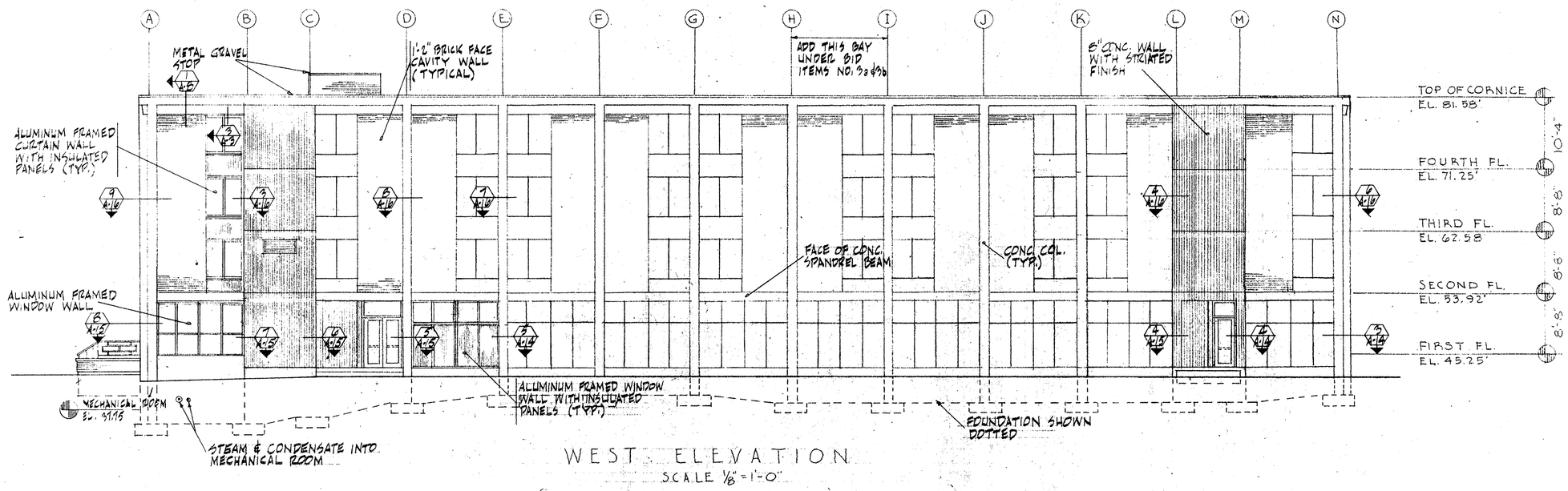
COL.	COLUMN
CONC.	CONCRETE
EL.	ELEVATION
TYP.	TYPICAL

GRAPHIC SCALE
1/8" = 1'-0" 0 5' 10' 20' 30' 40'
1/2" = 1'-0" 0 6" 1' 2' 3' 4' 5' 10'

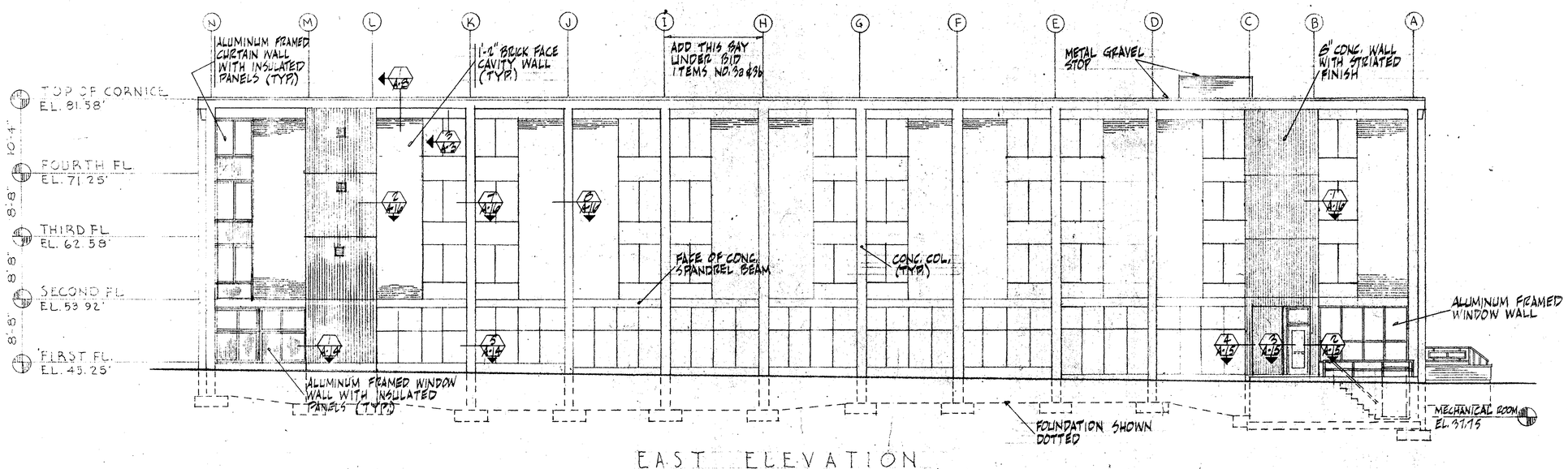
EFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES CIRILLO / FIRE PROT HOLBROOK	
DR BRASSFIELD / SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.
CHK / SAN ENGR	WAVES B.O.Q.
SUP	ELEVATIONS - BID ITEM No. 3a & 4
PROJ ENGR J.A. CIRILLO	ARCHITECTURAL A-6
DIRECTOR O'CONNELL	
APPROVED E.S. Hartford Jr. 4/22/69 DATE	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1297666
CFD FOR COMMANDER NEEC	CONST. CONTR. NO. N62464-68-C0108
	SCALE GRAPHIC / SPEC 90596/68 / SHEET 10 OF 41

PWC 18021-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



WEST ELEVATION
SCALE 1/8" = 1'-0"



EAST ELEVATION
SCALE 1/8" = 1'-0"

GENERAL NOTES

1. FOR WINDOW DETAILS SEE FEC DRAWING NOS. 1297663 & 1297664.
2. FOR ELEVATIONS UNDER BID ITEM NO. 1 SEE FEC DRAWING NO. 1297664.
3. FOR ELEVATIONS UNDER BID ITEM NO. 2 SEE FEC DRAWING NO. 1297665.
4. FOR ELEVATIONS UNDER BID ITEM NOS. 3a & 4 SEE FEC DRAWING NO. 1297666.

ABBREVIATIONS

COL.	COLUMN
CONC.	CONCRETE
EL.	ELEVATION
TYP.	TYPICAL

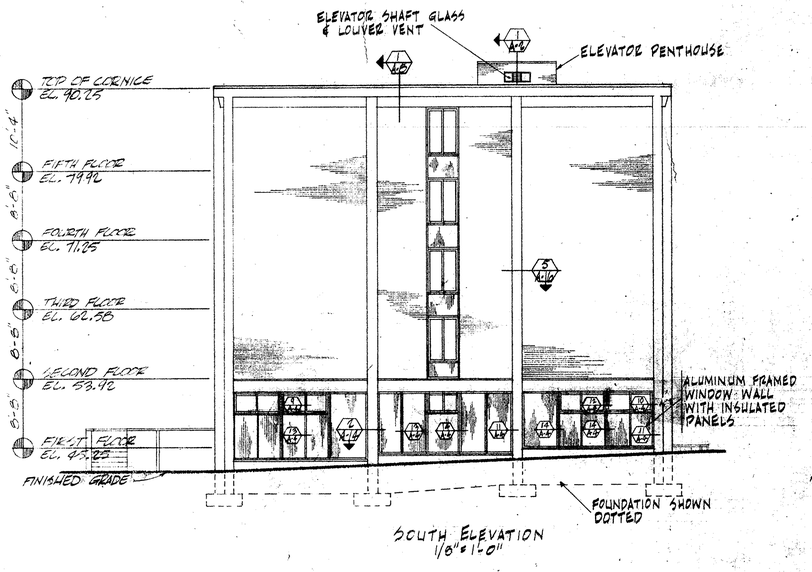
GRAPHIC SCALE

1/8" = 1'-0" 0 5' 10' 20' 30' 40'

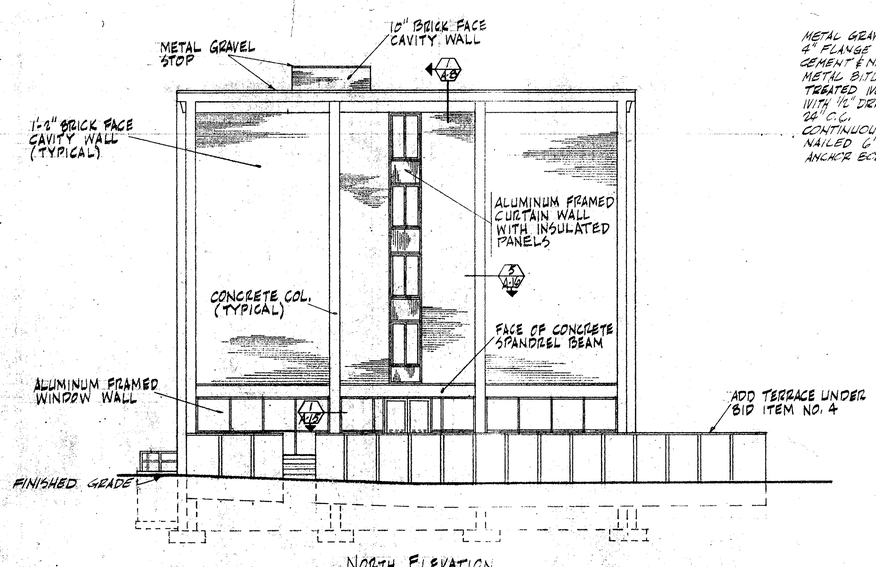
EFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES CIRILLO / FIRE PROT HOLBROOK	
DR CAULSTONE BRASSFIELD / SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND - NEWPORT R.I.
CHK / SAN ENGR	WAVES B.O.Q.
SUP	ELEVATIONS - BID ITEM No. 3b
PROJ ENGR J.A. CIRILLO	ARCHITECTURAL A-7
DIRECTOR O. CONNELL	
APPROVED E.S. Hartford Jr. 4/22/69 CFD FOR COMMANDER NFEC	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1297667
	CONST. CONTR NO. N62464-68-C-0108
	SCALE GRAPHIC / SPEC 90596/68 / SHEET 11 OF 41

PWC DWG. NO. 18022-187

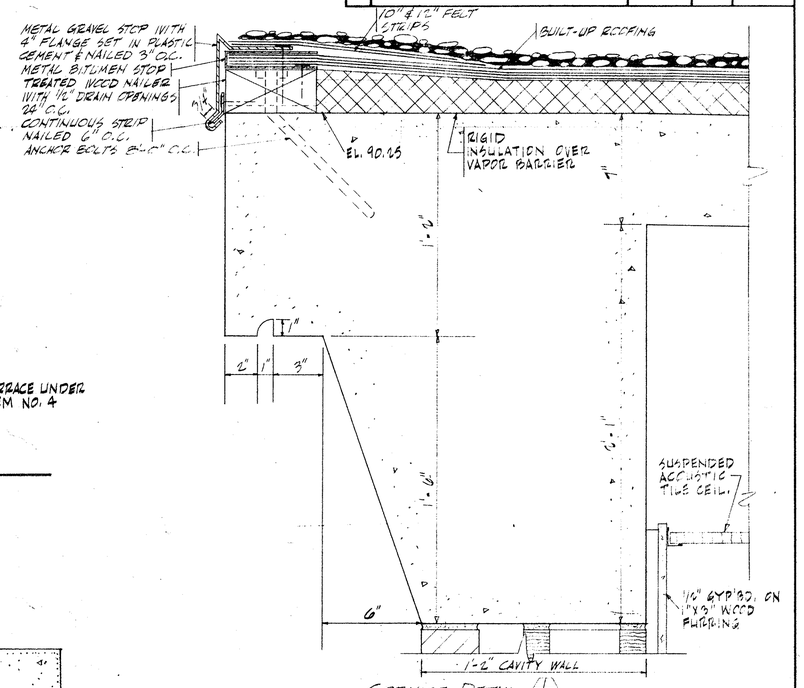
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



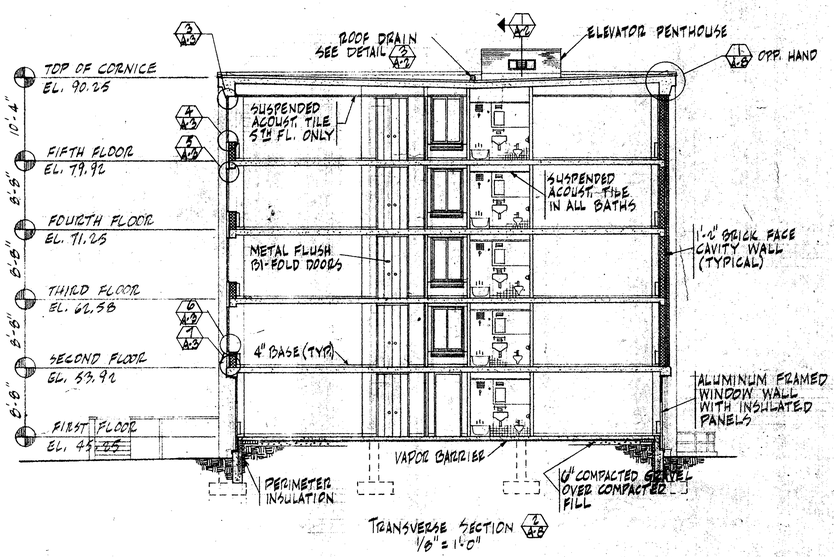
SOUTH ELEVATION
1/8"=1'-0"



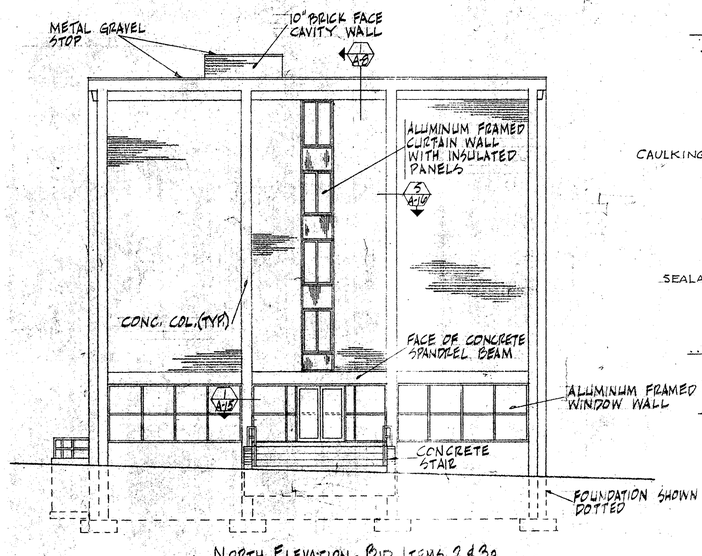
NORTH ELEVATION
1/8"=1'-0"



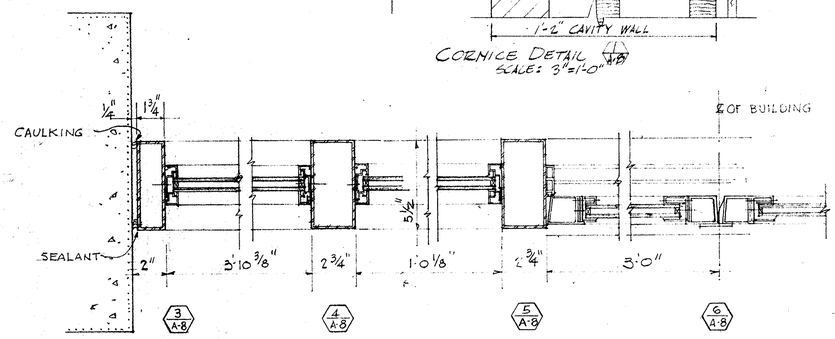
CORNICE DETAIL
SCALE: 3"=1'-0"

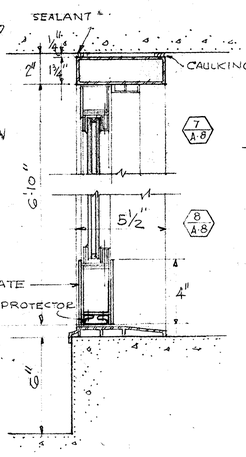


TRANSVERSE SECTION
1/8"=1'-0"

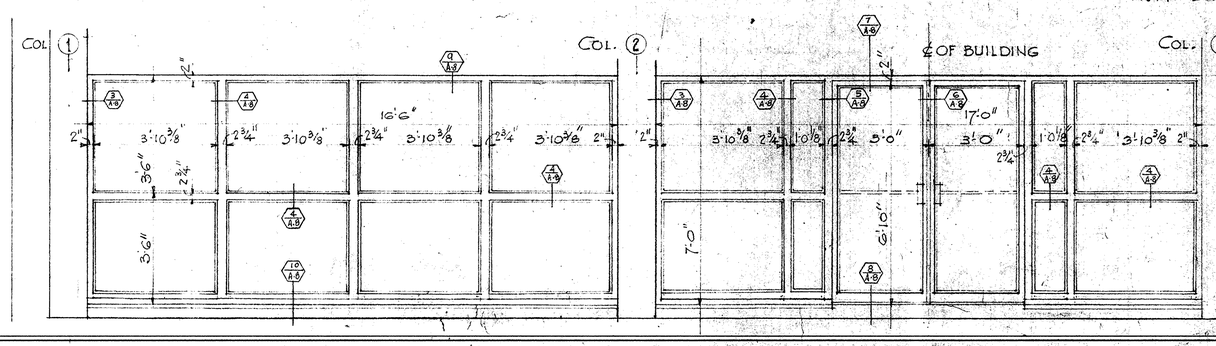


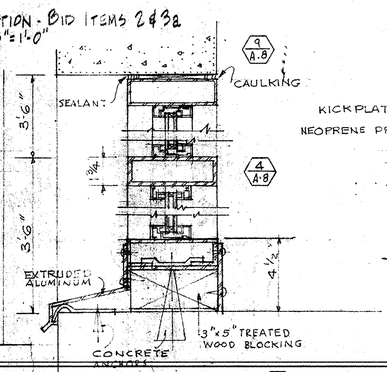
NORTH ELEVATION - BID ITEMS 2 & 3a
1/8"=1'-0"





DETAILS OF GLASS PANELS
LOUNGE - EXTERIOR SCALE = 3"=1'-0"





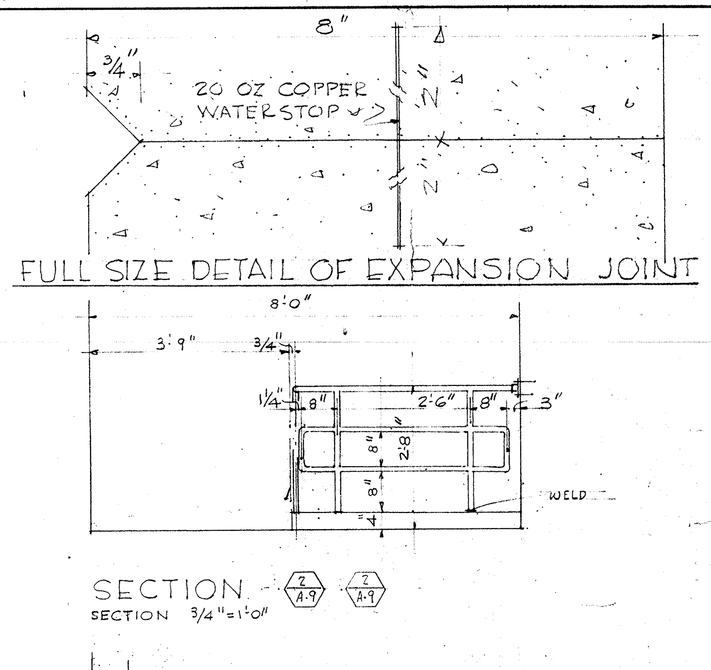
GLASS PANELS - LOUNGE (NORTH) ELEVATION - EXTERIOR SCALE 1/2"=1'-0"

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

EFD NO. N8N-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DES CIRILLO	FIRE PROT HOLBROOK	NORTHEAST DIVISION BOSTON, MASS.	
DR HARTMAN	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.	
CHK	SAN ENGR	WAVES B.O.Q.	
SUP		END ELEVATIONS & DETAILS	
PROJ ENGR J.A. CIRILLO		ARCHITECTURAL A-8	
DIRECTOR O'CONNELL			
APPROVED DATE		CODE IDENT NO 80091	SIZE F
CFD FOR COMMANDER NEC		FEC DRAWING NO. 1257258	
		SCALE GRAPHIC	SPEC 90596/68
		CONST. CONTR. NO N62464-68-C0108	
		SHEET 12 OF 41	

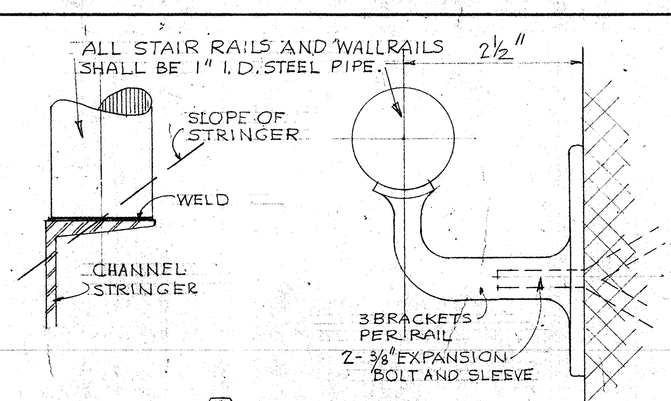
PWC DWG. NO. 18023 → 187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



FULL SIZE DETAIL OF EXPANSION JOINT

SECTION (2/A-9) (2/A-9)
SECTION 3/4"=1'-0"

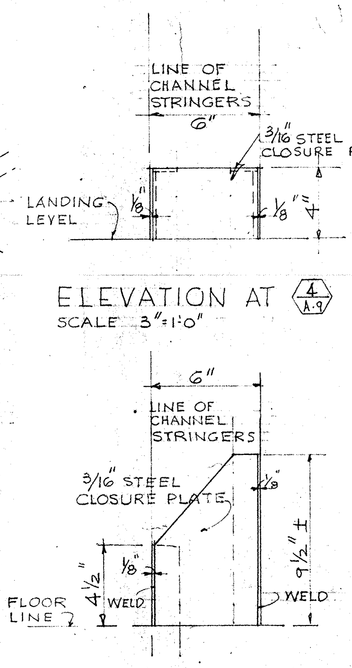


FULL SIZE AT (5/A-9)

FULL SIZE OF WALLRAIL AND BRACKET

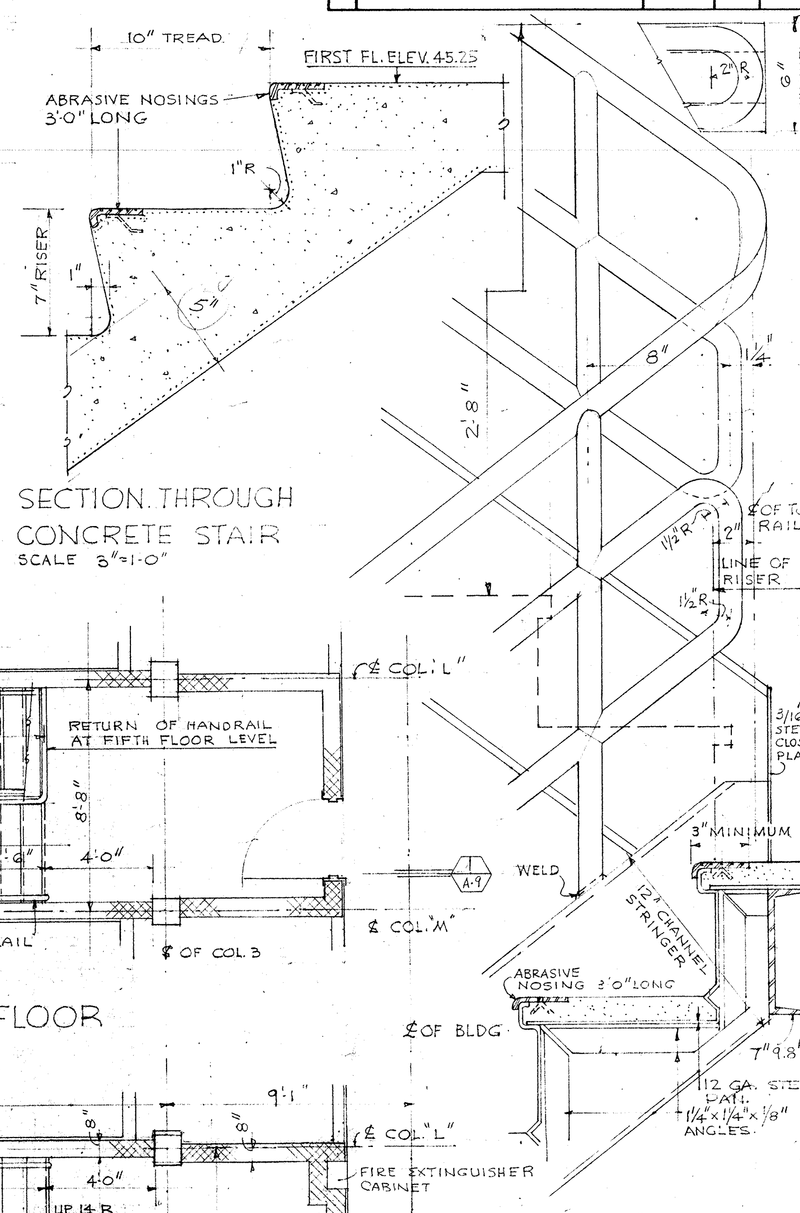
NOTE: PIPE RAIL CONNECTIONS SHALL BE MADE WITH BUTT WELDING FITTINGS. ALL WELDED CONNECTIONS SHALL BE GROUND SMOOTH.

NOTE: CAP ALL WALLRAIL ENDS.

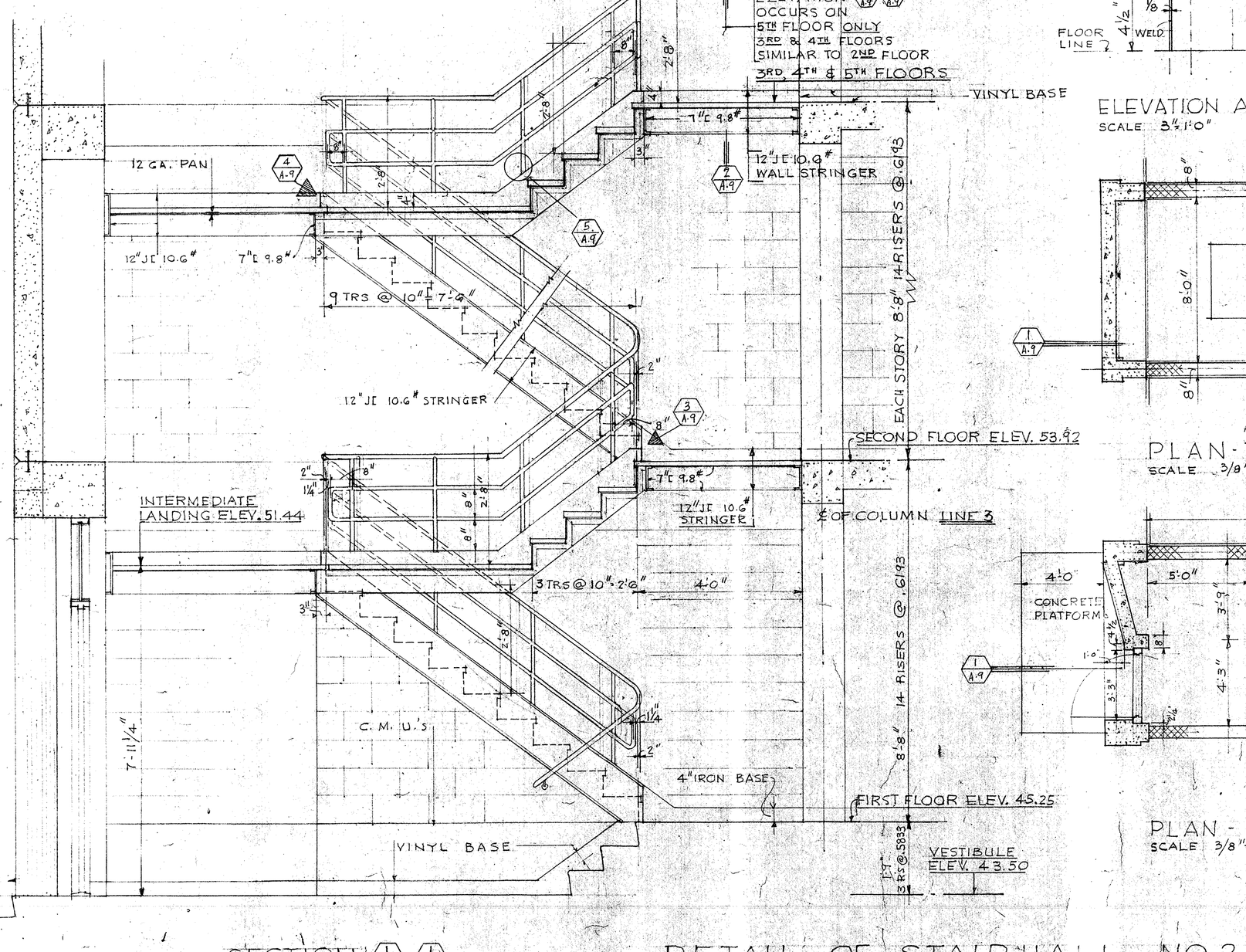


ELEVATION AT (4/A-9)
SCALE 3"=1'-0"

ELEVATION AT (3/A-9)
SCALE 3/4"=1'-0"

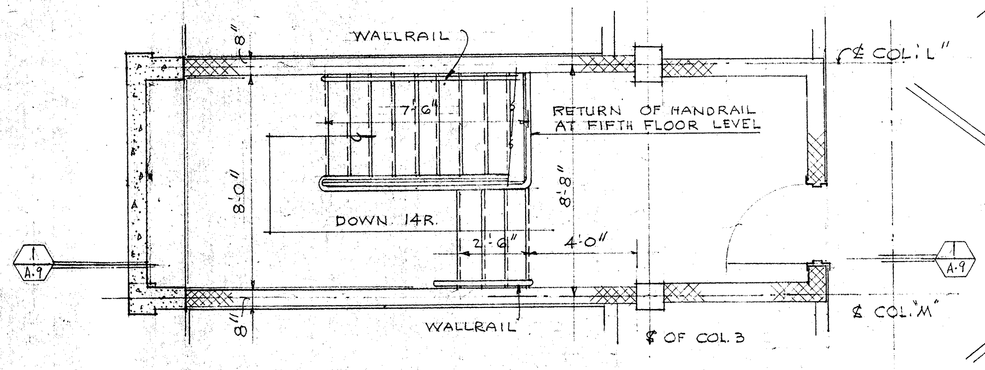


SECTION THROUGH CONCRETE STAIR
SCALE 3"=1'-0"

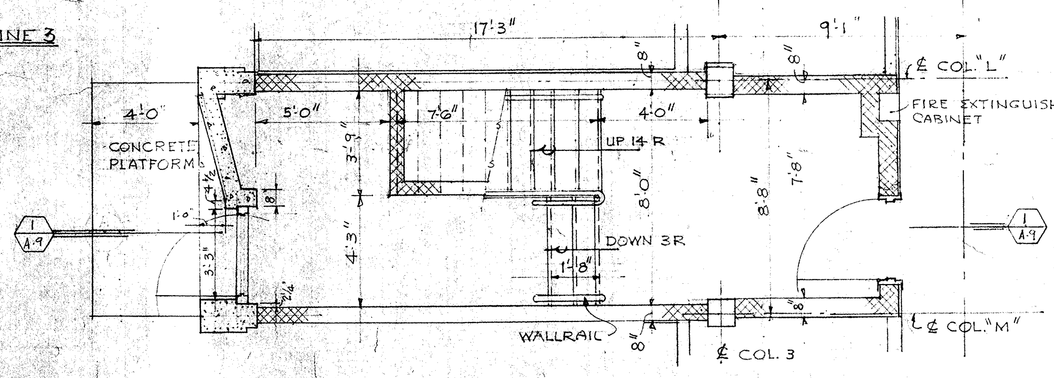


SECTION (1/A-9) (1/A-9)
SCALE 3/4"=1'-0"

DETAIL OF STAIRHALL NO. 2
STAIRHALL NO. 1 SIMILAR



PLAN-TYPICAL FLOOR
SCALE 3/8"=1'-0"



PLAN-FIRST FLOOR
SCALE 3/8"=1'-0"

GRAPHIC SCALE

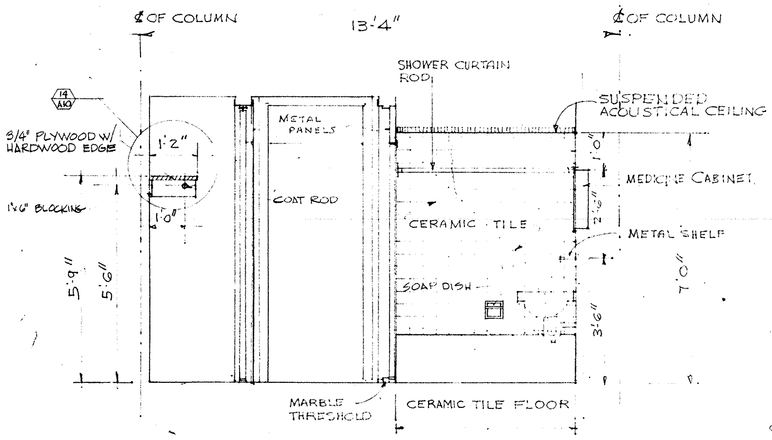
3/8"=1'-0" 0 2' 4' 6' 8' 10'
3/4"=1'-0" 0 3' 6' 9' 12'
3"=1'-0" 0 1' 2' 3' 4'
FULL SIZE

TYPICAL SECTION THROUGH STEEL STAIR
SCALE 3"=1'-0"

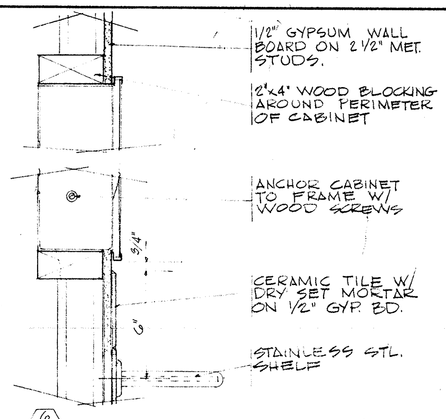
EFD NO. NBN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES. MARSHALL	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.	
DR. MARSHALL	SAF ENGR HOLBROOK	WAVES B.O.Q.	
CHK	SAN ENGR	STAIR PLANS, DETAILS & SECTIONS	
SUP		ARCHITECTURAL A-9	
PROJ ENGR N.A. CIRILLO			
DIRECTOR O'CONNELL			
APPROVED DATE 3/22/19 CFO FOR, COMMANDER NFEC		CODE IDENT NO 80091	SIZE F
		FEC DRAWING NO. 1297669	
		SCALE GRAPHIC	SPEC 9059-26-28
		CONST. CONTR. NO. N62464-68-C0108	SHEET 13 OF 41

PWC Dwg. No. 18024-1187

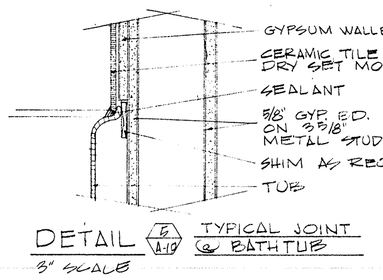
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED
1	ADD KITCHEN UNIT IN LR/BR.	MARSHALL	9/16/69	NSC/PWC 9.5.2/KLG
2	REVISED KITCHEN UNIT IN LR/BR. - AMEND. #3.	CIRILLO	12/1/69	JAC



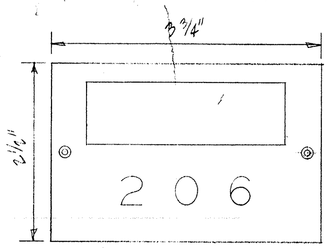
SECTION 1/A10
SCALE 1/2"=1'-0"



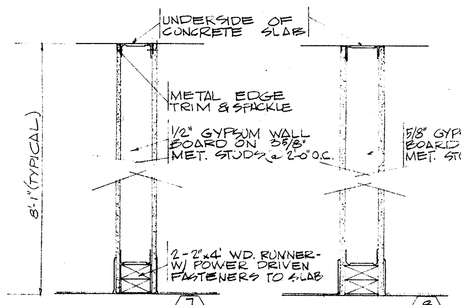
SECTION 6/A10 @ MEDICINE CABINET
3" SCALE



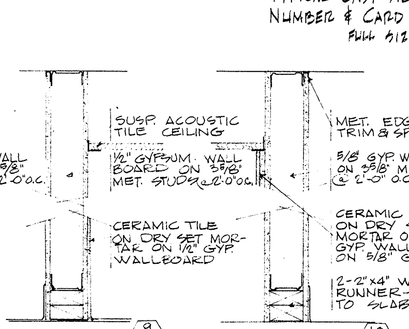
DETAIL 5/A10 @ TYPICAL JOINT @ BATHTUB
3" SCALE



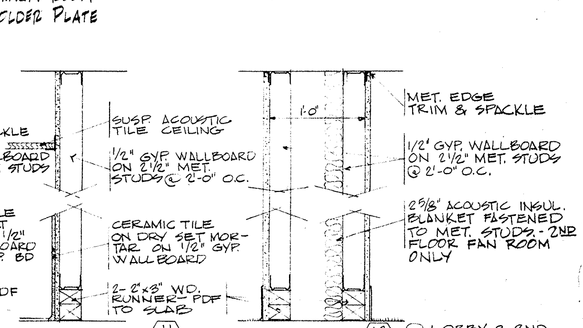
TYPICAL CAST ALUMINUM ROOM NUMBER & CARD HOLDER PLATE
FULL SIZE



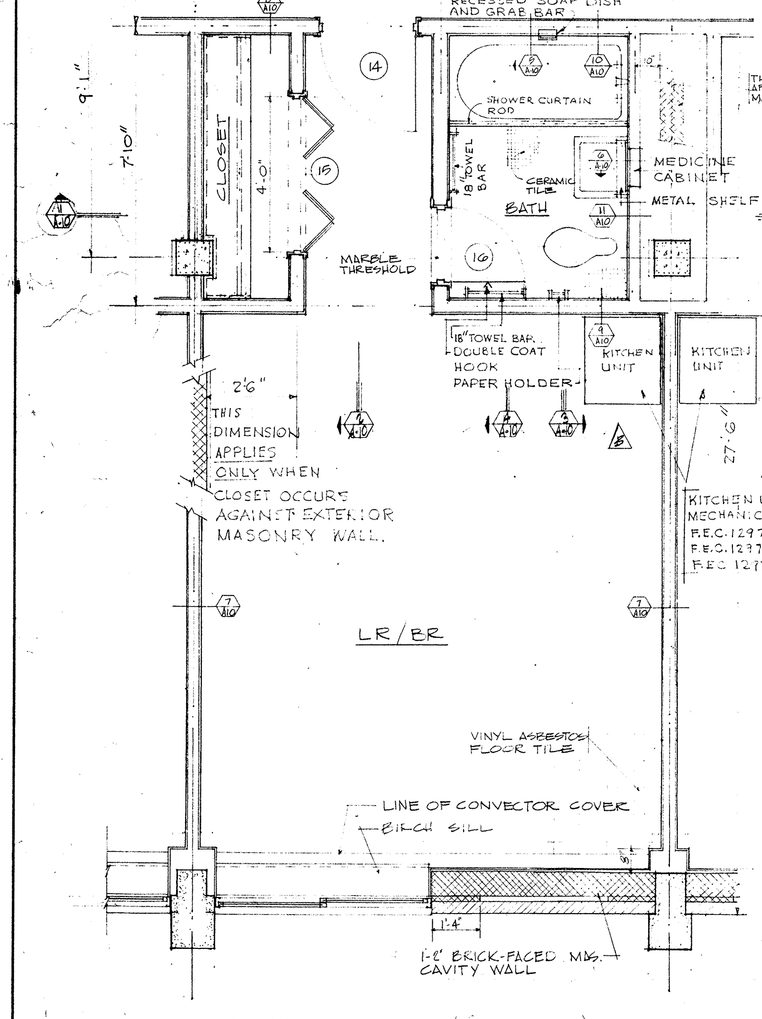
SECTION 7/A10 TYPE (A) PARTITION
SECTION 8/A10 TYPE (B) PARTITION TYPES
1 1/2" SCALE



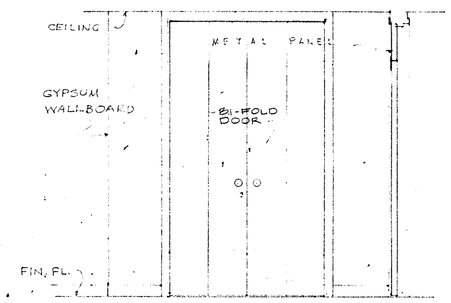
SECTION 9/A10 TYPE (C)
SECTION 10/A10 TYPE (D)



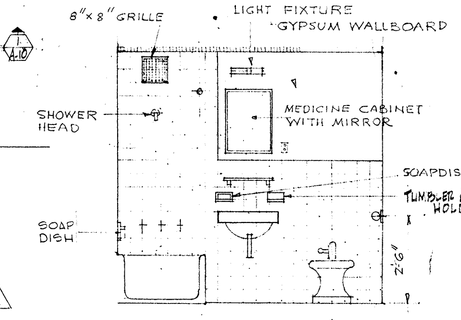
SECTION 11/A10 TYPE (E)
SECTION 12/A10 @ LOBBY & 2ND FLOOR FAN ROOM TYPE (F)



TYPICAL BEDROOM/LIVINGROOM PLAN
1/2" SCALE



SECTION 3/A10
SCALE 1/2"=1'-0"



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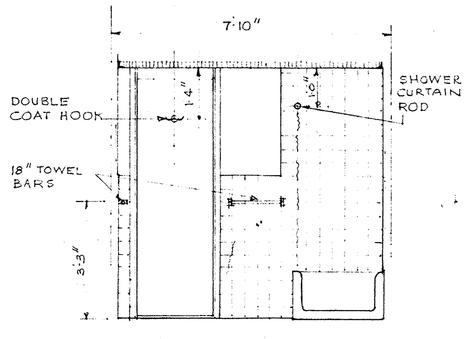
SCALE 1/2"=1'-0"



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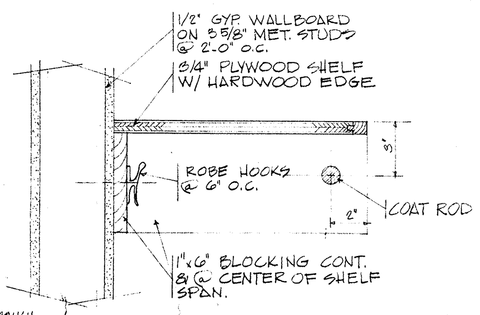
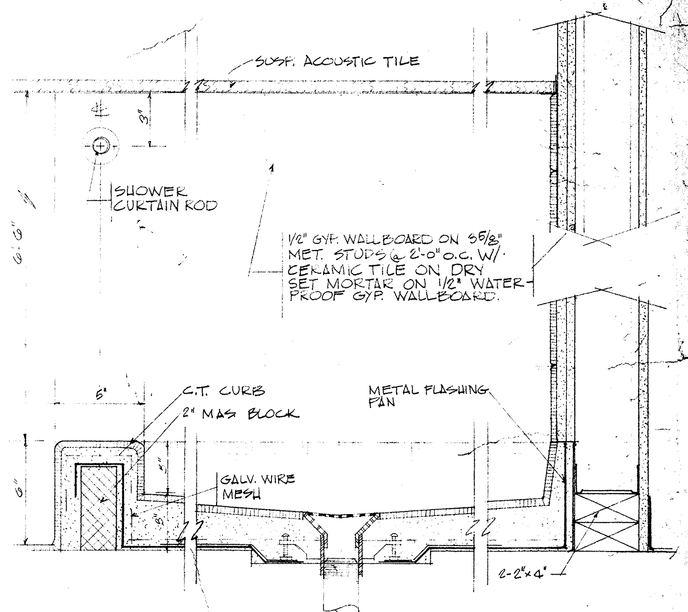


DETAIL 14/A10 @ CLOSET SHELF
3" SCALE



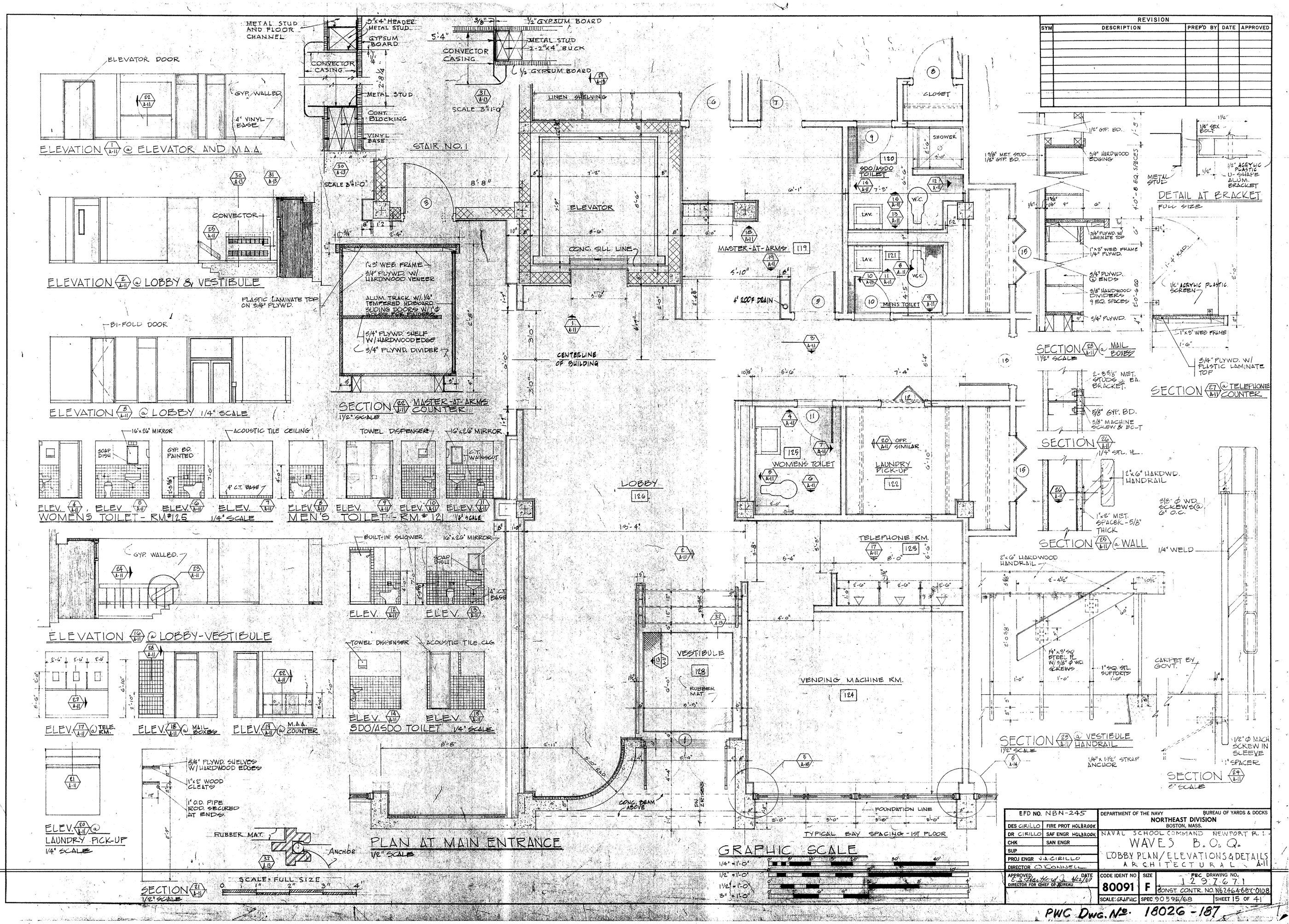
SECTION 13/A10 @ SDO/ASDO SHOWER
2" SCALE

GRAPHIC SCALE

1/2"=1'-0" 0' 1' 2' 3' 4' 5' 10'
1 1/2"=1'-0" 0' 6" 1' 2' 3'
3"=1'-0" 0' 3" 6" 9" 1'

PWC DWG. NO. 18025-187

EFD NO. NBN - 245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES CIRILLO / FIRE PROT. HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.
DR CIRILLO / SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK / SAN ENGR	TYPICAL LIVING/BEDROOM FLOOR PLAN BATHROOM ELEVATIONS & DETAILS ARCHITECTURAL A-10
SUP	
PROJ ENGR W.A. CIRILLO	
DIRECTOR	
APPROVED DATE CFD FOR COMMANDER NFEC	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1297670
	CONST. CONTR. No. NC 2424-69-C-0108
SCALE: GRAPHIC	SPEC 9059-68 / SHEET 14 OF 41

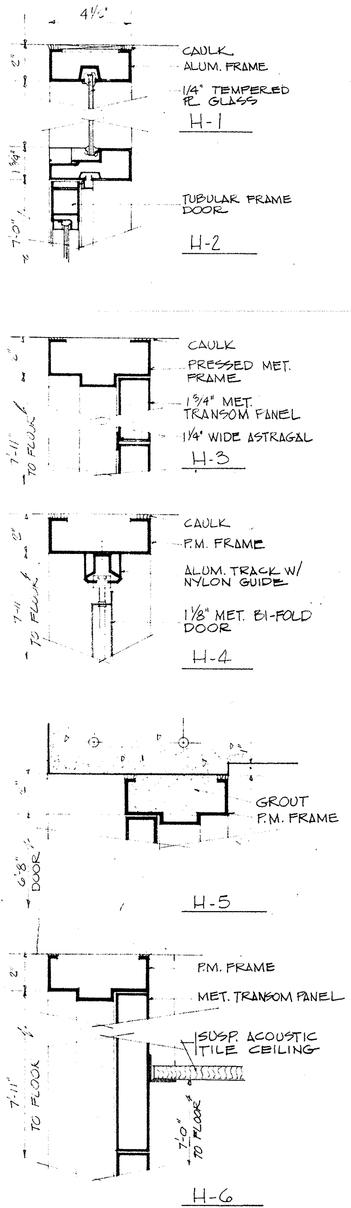


REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

EFD NO. NBN-245	DEPARTMENT OF THE NAVY — BUREAU OF YARDS & DOCKS — NORTHEAST DIVISION, BOSTON, MASS.
DES CIRILLO — FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.
DR CIRILLO — SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK — SAN ENGR	LOBBY PLAN/ELEVATIONS & DETAILS
SUP	ARCHITECTURAL A-11
PROJ ENGR J.A. CIRILLO	
DIRECTOR O'CONNELL	
APPROVED E.S. Hartford Jr. 4/22/69 — DATE — DIRECTOR FOR CHIEF OF BUREAU	CODE IDENT NO 80091 — SIZE F — FEC DRAWING NO. 1297671 — CONST. CONTR. NO. N62464-68-C-0108
	SCALE: GRAPHIC — SPEC 90596/68 — SHEET 15 OF 41

PWC Dwg. No. 18026-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



DOOR SCHEDULE

NO.	DOOR SIZE	DOOR TYPE	LABEL	FRAME TYPE	FRAME DEPTH	FRAME HEAD	LINTEL	THRESHOLD	REMARKS
1	PR. 2'-6" x 7'-0"	AL-1	-	J-4	4½"	H-2, H-7	-	T-1	
2	PR. 3'-0" x 6'-10"	AL-2	-	5 A-8	4½"	7 A-8	-	6 A-8	
3	3'-0" x 7'-0"	HM-1	B	J-8	5 3/4"	H-5	-	T-2	1 1/2 HR. FIRE RATING
4	3'-0" x 7'-0"	AL-3	-	2 A-15 / 3 A-15	4 1/2"	H-1, H-2	-	T-1	
5	2'-6" x 7'-0"	HM-1	-	J-1	5 5/8"	H-3	-	T-6	
6	2'-6" x 7'-0"	HM-1	-	J-2, J-6	5 5/8"	H-3	-	T-3	
7	2'-6" x 7'-0"	HM-1	-	J-2	5 5/8"	H-3	-	T-3	
8	2'-6" x 7'-0"	HM-1	-	J-2	5 5/8"	H-3	-	T-3	
9	2'-2" x 6'-8"	HM-1	-	J-2	5 5/8"	H-6	-	T-4	
10	2'-2" x 6'-8"	HM-1	-	J-1	5 7/8"	H-6	-	T-4	
11	2'-2" x 6'-8"	HM-1	-	J-1	5 7/8"	H-6	-	T-4	
12	3'-0" x 8'-0"	BF-2	-	J-7	5 5/8"	H-4	-	T-8	
13	3'-0" x 7'-0"	HM-2	-	J-1	5 7/8"	H-3	-	T-5	
14	3'-0" x 7'-0"	HM-1	B	J-1	5 7/8"	H-3	-	T-6	1 HR. FIRE RATING
15	4'-0" x 8'-0"	BF-1	-	J-7	5 5/8"	H-4	-	T-9	
16	2'-2" x 6'-8"	HM-1	-	J-2	5 5/8"	H-6	-	T-4	
17	3'-0" x 7'-0"	HM-1	B	J-1	5 7/8"	H-3	-	T-2	1 HR. FIRE RATING
18	2'-6" x 7'-0"	HM-1	B	J-1	5 7/8"	H-3	-	T-2	1 HR. " "
19	3'-0" x 7'-0"	HM-1	B	J-8	5 3/4"	H-3	-	T-2	1½ HR. " "
20	3'-0" x 7'-0"	AL-3	-	4 A-16 / 3 A-15	4 1/2"	H-1, H-2	-	T-1	
21	3'-0" x 7'-0"	HM-1	B	J-8	5 3/4"	H-3	-	T-2	1½ HR. FIRE RATING
22	3'-0" x 7'-0"	HM-1	B	J-1	5 7/8"	H-3	-	T-2	1 HR. " "
23	3'-0" x 7'-0"	HM-1	B	J-1, J-6	5 7/8"	H-3	-	T-5	1 HR. " "
24	2'-6" x 7'-0"	HM-1	B	J-1	5 7/8"	H-3	-	T-2	1 HR. " "
25	3'-0" x 7'-0"	HM-1	B	J-1	5 7/8"	H-3	-	T-2	1 HR. " "
26	3'-0" x 7'-0"	HM-1	B	J-8	5 3/4"	H-3	-	T-2	1½ HR. " "
27	5'-0" x 6'-8"	HM-3	-	J-5	5 3/4"	H-5	-	T-7	

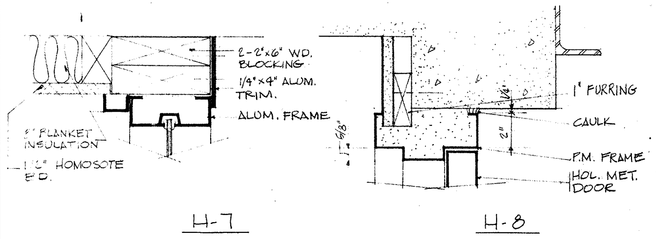
NOTES:
1) FRAMES AT MASONRY & CONCRETE WALLS SHALL BE GROUT FILLED.
2) LABELLED RATING MUST INCLUDE METAL TRANSOM PANEL.

FINISH SCHEDULE

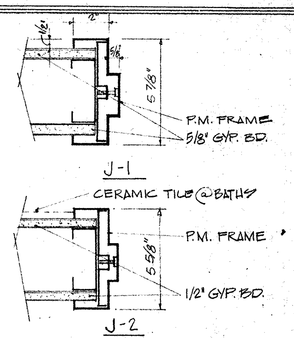
SPACE MARK	SPACE TITLE	FLOOR MATERIAL	FLOOR FINISH	BASE MATERIAL	WALLS MATERIAL	WALLS FINISH	CEILING MATERIAL	CEILING FINISH	CEILING HGT.	REMARKS
		1 CONCRETE	2 GREY CERAMIC CONCRETE WITH VINYL ASBES TOS RUBBER MAT	3 4" BLACK VINYL CERAMIC PASTEL YELLOW 4" PAINTED BLACK NONE	4 GYPSUM WALLBD	5 MASONRY BLOCKS 6 KEYSTONE PASTEL YELLOW CONCRETE TILE	7 PAINTED CONCRETE 8 SUSPENDED ACOUSTIC TILE	9 PAINTED	FLOOR TO FINISHED CEIL.	
B2 UNIT A	LIVING ROOM / BEDROOM	4	8		12		16	17 18	19	8'-1"
B2 UNIT B	BATH	2	9		12•	14	16	18■	19	7'-0"
B2 UNIT C	CLOSET	4	11		12	15	16	17 18	19	8'-1"
B01	MECHANICAL RM.	1	11			15	16	17	19	6'-11"
117	SDO/ASDO BED ROOM	4	8		12		16	17	19	8'-1"
118	MAA OFFICE	4	8		12		16	17	19	8'-1"
119	MASTER OF ARMS	4	8		12		16	17	19	8'-1"
120	SDO/ASDO TOILET	2	9		12•	14	16	18■		7'-0"
121	MENS TOILET	2	9		12•	14	16	18■		7'-0"
122	LAUNDRY PICK-UP	4	8		12		16	17	19	8'-1"
123	TELEPHONE RM	4	8		12		16	17	19	8'-1"
124	VEND. MACHINE RM	4	8		12		16	17	19	8'-1"
125	WOMENS TOILET	2	9		12•	14	16	18■		7'-0"
126	LOBBY	3	8		12		16	17	19	8'-1"
127	LOUNGE	3	8		12		16	17	19	8'-1"
128	VESTIBULE	1	5	8	12		16	17	19	9'-10"
129	STORAGE RM.	1	10		12		16	17	19	8'-1"
130	CLEANING GEAR	1	10		12		16	17	19	8'-1"
131	CORRIDOR	3	8		12		16	17	19	8'-1"
-23	STORAGE & FAN RM	1	10		12		16	17	19	8'-1"
-24	LOUNGE	3	8		12		16	17 18	19	8'-1"
-25	CORRIDOR	3	8		12		16	17 18	19	8'-1"
-26	STORAGE & LAUNDRY RM	1	10		12•		16	17 18■	19	8'-1"
-27	CLEANING GEAR	1	10		12		16	17 18■	19	8'-1"
	STAIR NO 1	1	10		13	15	16	17	19	—
	STAIR NO 2	1	10		13	15	16	17	19	—

• WATER RESISTENT GYPSUM WALLBOARD
■ PLASTIC FACED ACOUSTIC TILE

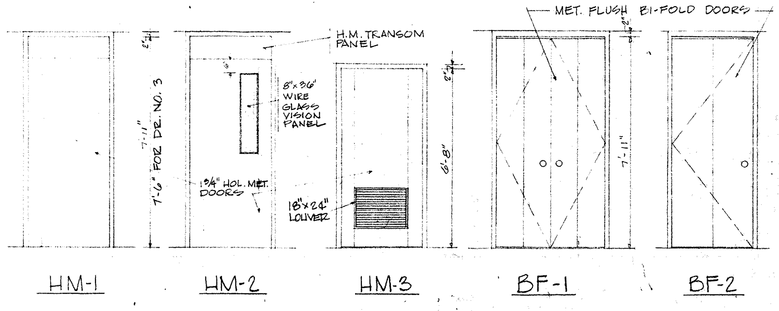
NOTES:
1. ALL ROOMS & CORRIDOR CEILINGS ON 5TH FLOOR SHALL BE SUSPENDED ACOUSTIC TILE.
2. GOVT. SHALL FURNISH CONTRACTOR A COLOR SCHEDULE OF 4 BASIC SCHEMES AT A LATER DATE.
3. REFER TO FLOOR PLAN FOR LOCATION OF 5/8" GYPSUM WALLBOARD ON STEEL STUD.



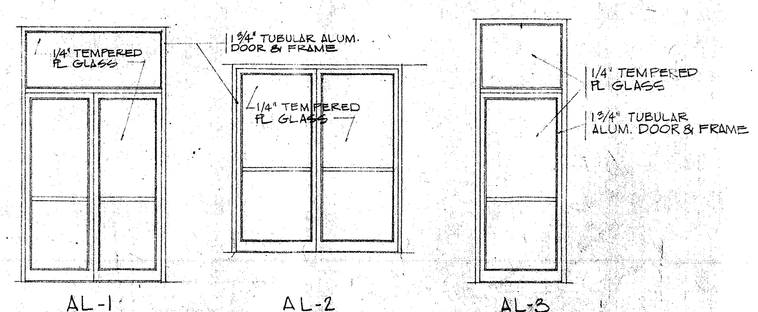
HEAD DETAILS - 3" SCALE

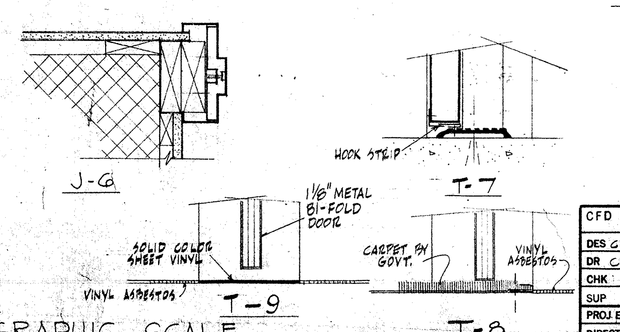


JAMB DETAILS - 3" SCALE



DOOR ELEVATIONS (SEE SCHEDULE FOR SIZES)





THRESHOLD DETAILS - 3" SCALE

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

CFD NO. NBN-245	
DES GIRILLO	FIRE PROT HOLBROOK
DR GIRILLO	SAF ENGR HOLBROOK
CHK	SAN ENGR
SUP	
PROJ ENGR. J.A. GIRILLO	
DIRECTOR C.S. COWINELL	
APPROVED C.S. Cowinell 4/22/69	DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NORTHEAST DIVISION
BOSTON, MASS.

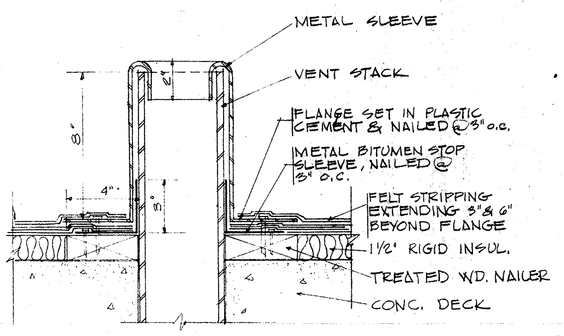
NAVAL SCHOOL COMMAND NEWPORT R. I.
WAVES B.O.Q.
DOOR/FINISH SCHEDULE & DETAILS
ARCHITECTURAL A-12

CODE IDENT NO	SIZE	FEC DRAWING NO.
80091	F	1297672

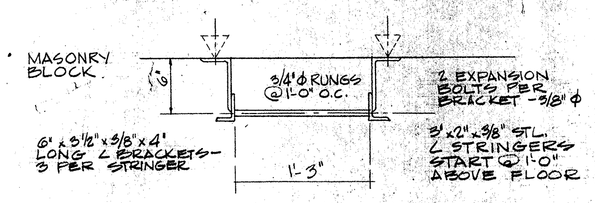
CONST. CONTR. NO. N62464-68-C-0108
SCALE GRAPHIC | SPEC 90596/68 | SHEET 16 OF 41

PWC Dwg. No. 18027-187

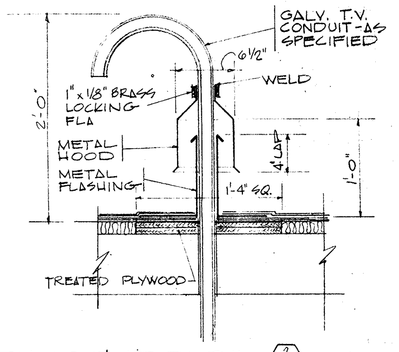
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



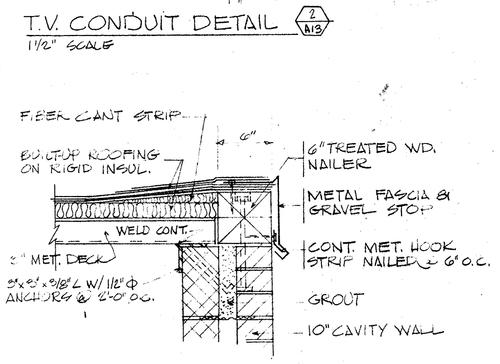
ROOF VENT STACK DETAIL (1/A13)
3" SCALE



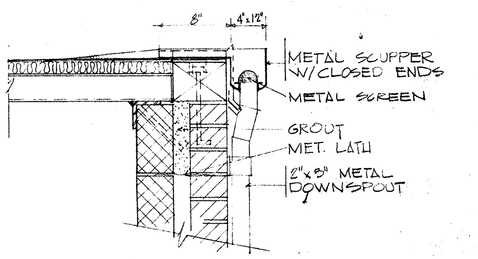
TYPICAL STEEL LADDER DETAIL (6/A13)
1½" SCALE



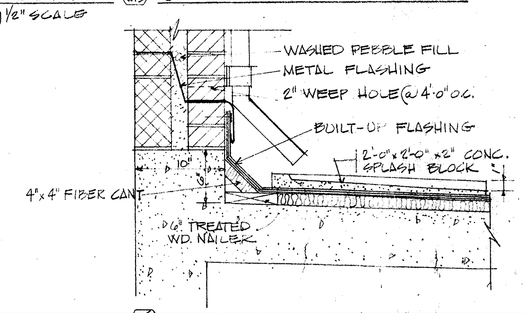
T.V. CONDUIT DETAIL (2/A13)
1½" SCALE



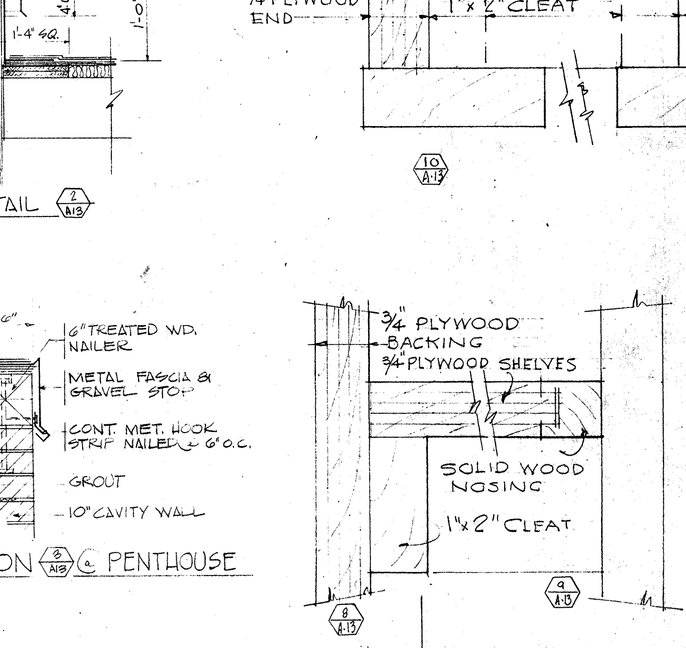
TYPICAL SECTION (3/A13) @ PENTHOUSE
1½" SCALE

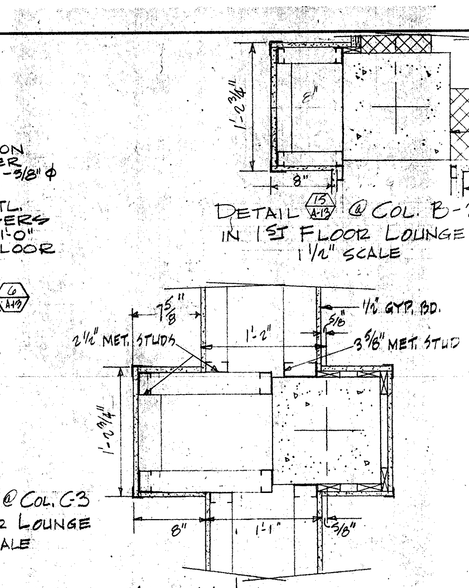


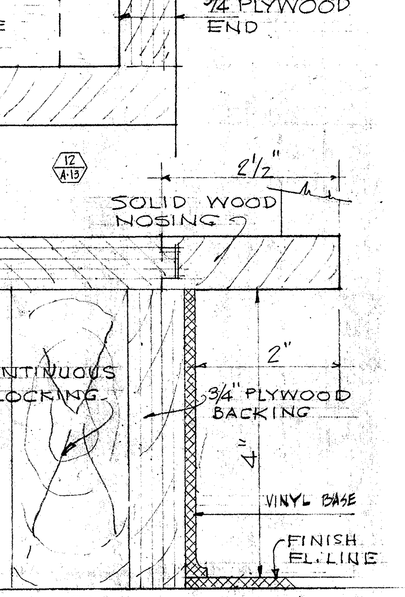
SECTION (4/A13) @ PENTHOUSE SCUPPER
1½" SCALE

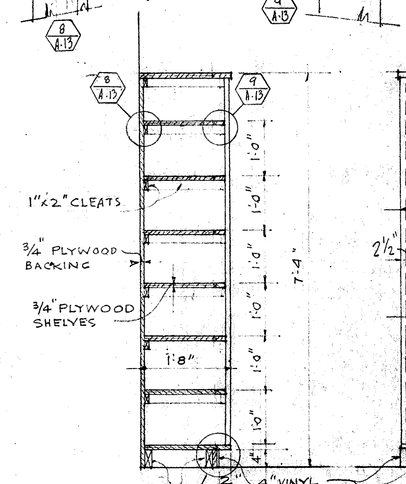


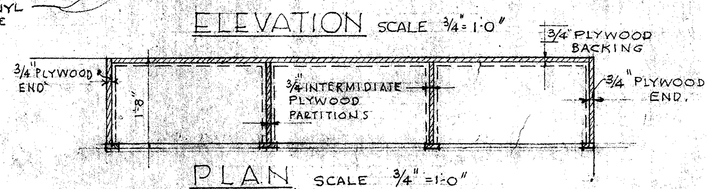
SECTION (5/A13) @ BASE FLASHING
1½" SCALE



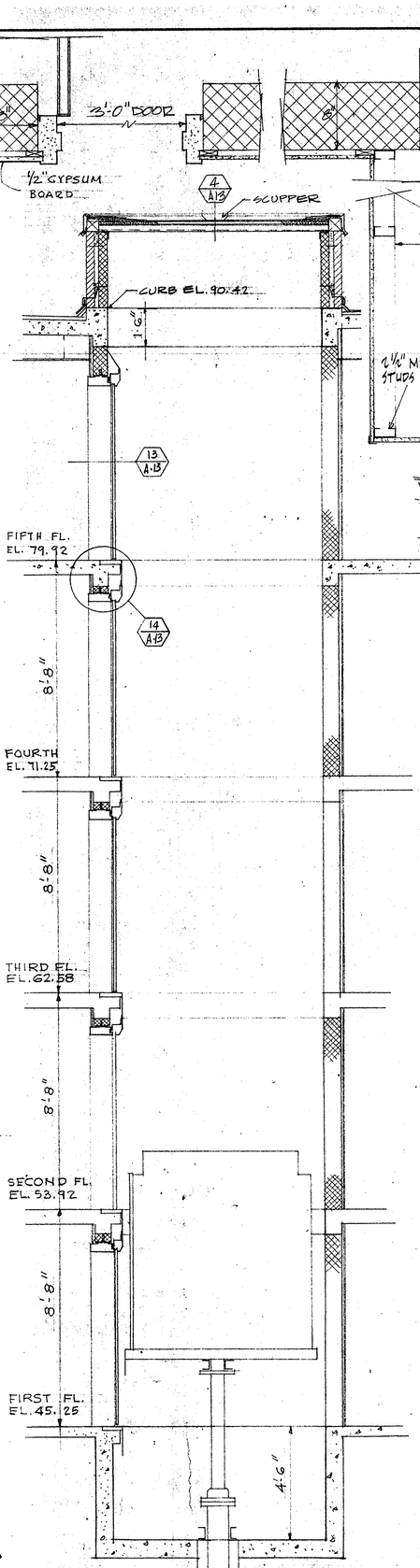


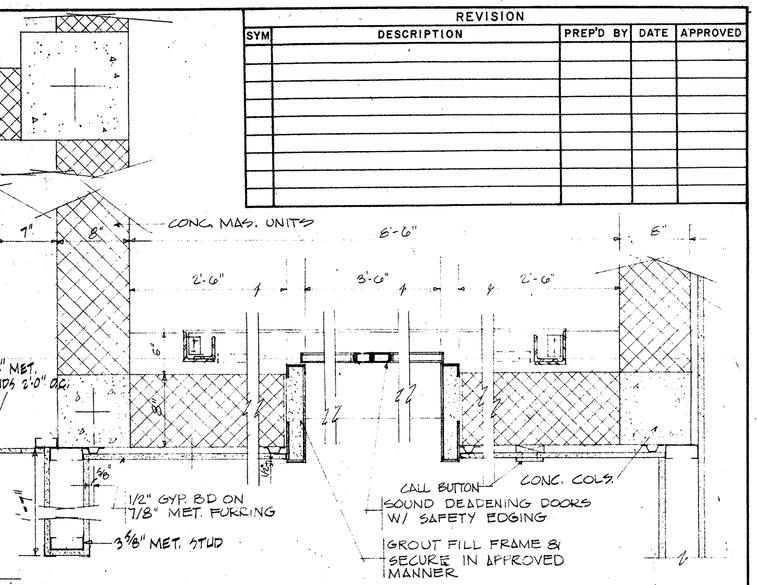




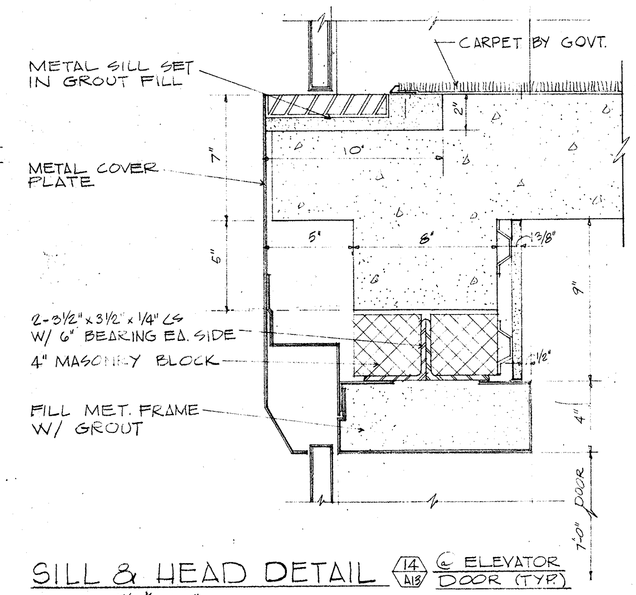


DETAIL OF WOOD SHELVING - MAA OFFICE
FIRST FLOOR





TYPICAL JAMB DETAIL (13/A13) @ ELEVATOR
1½" SCALE



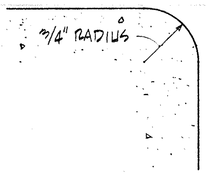
SILL & HEAD DETAIL (14/A13) @ ELEVATOR DOOR (TYP.)
SCALE 1½"=1'-0"

GRAPHIC SCALES
SCALE: 3/8"=1'-0"
SCALE: ¼"=1'-0"
SCALE: 1½"=1'-0"
SCALE: FULL SIZE

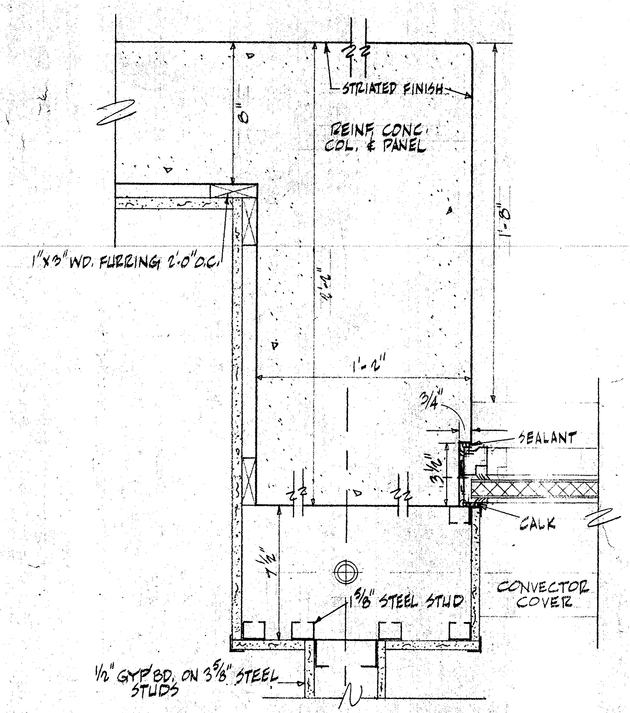
EFD NO. - NBN - 245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES G.IRILLO / FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND	NEWPORT, R.I.
DR M.A.FINALE / SAF ENGR HOLBROOK	WAVES' B.O.Q.	
CHK / SAN ENGR	ELEVATOR SECTION & M. SCELLANEOUS DETLS.	
SUP	ARCHITECTURAL	A-13
PROJ ENGR J.A.CIRILLO		
DIRECTOR O'CONNELL		
APPROVED DATE: EFD FOR COMMANDER NAVFAC 4/25/67	CODE IDENT NO: 80091 / SIZE: F / FEC DRAWING NO: 1,297,673	
	SCALE: GRAPHIC / SPEC 90896/68 / SHEET 17 OF 41	
SATISFACTORY TO	CONST. CONTR. NO. N62472-67-C-0508	
DATE		

PWC Dwg No. 18028-187

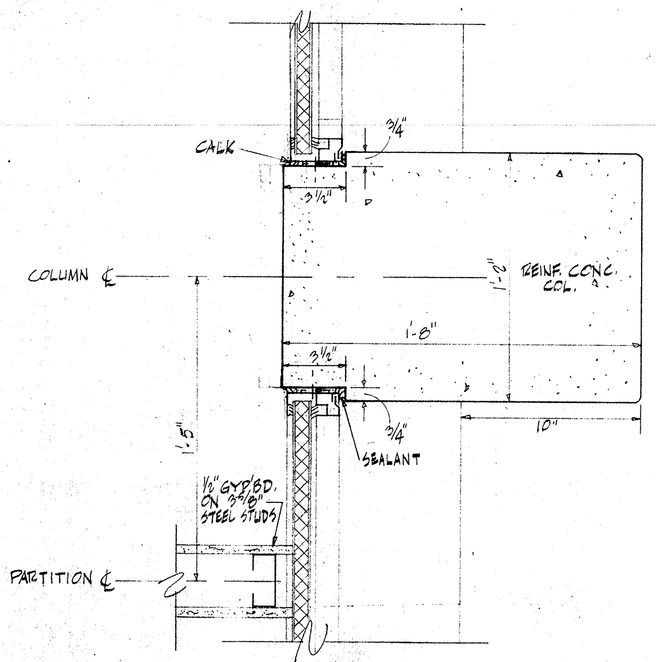
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



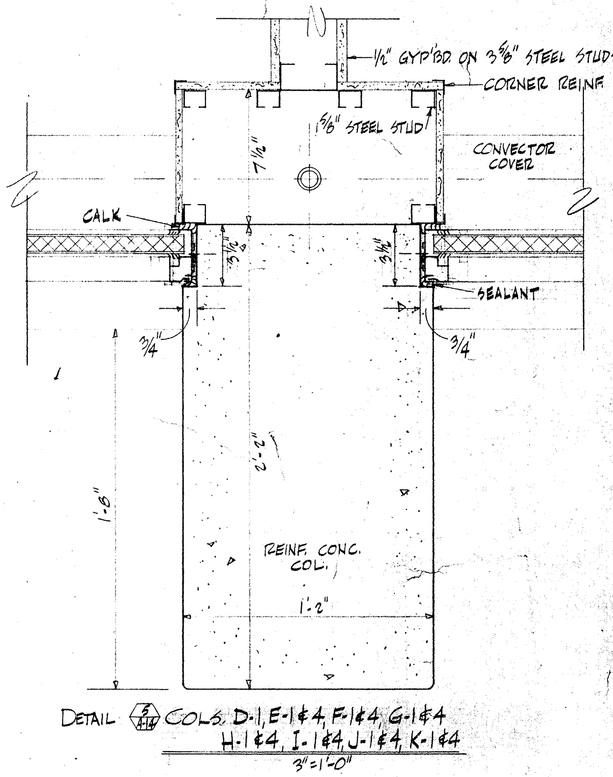
TYP. EXPOSED CORNER OF CONCRETE COLUMN
FULL SIZE



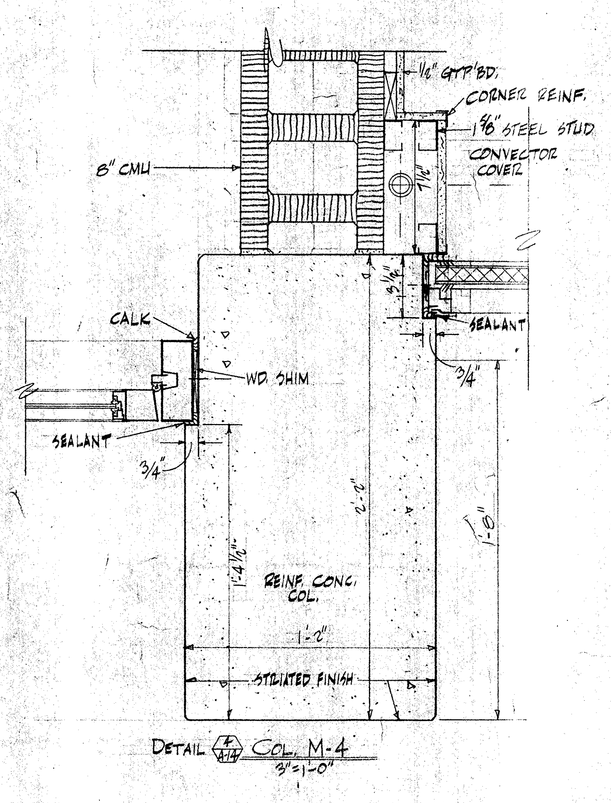
DETAIL 1/A14 COL. M-1, L-1 ODD. HAND
3"=1'-0"



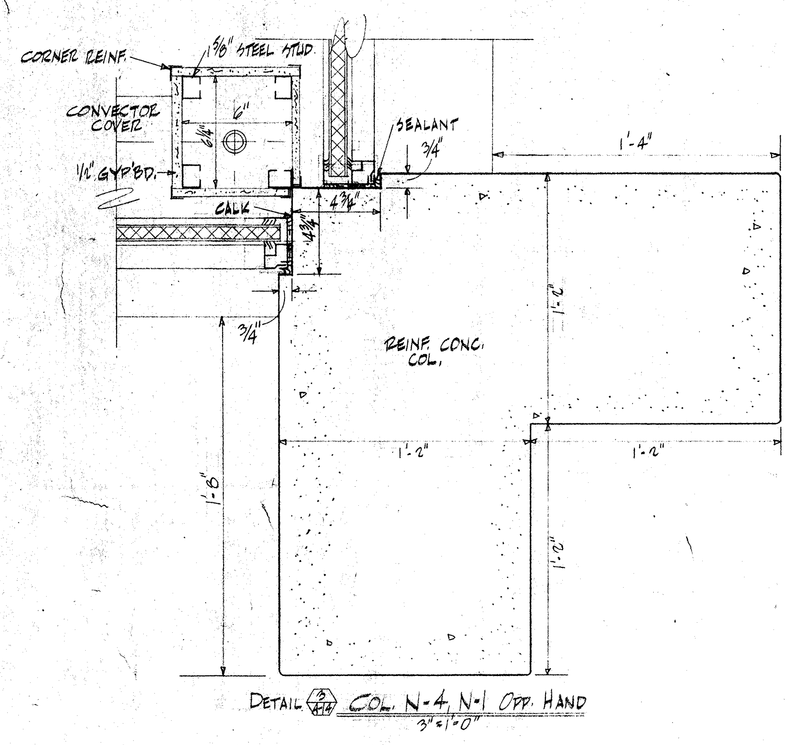
DETAIL 2/A14 COL. N-3, N-2 OPP. HAND
3"=1'-0"



DETAIL 3/A14 COLS. D-1, E-1 & 4, F-1 & 4, G-1 & 4
H-1 & 4, I-1 & 4, J-1 & 4, K-1 & 4
3"=1'-0"



DETAIL 4/A14 COL. M-4
3"=1'-0"



DETAIL 5/A14 COL. N-4, N-1 ODD. HAND
3"=1'-0"

ABBREVIATIONS

COL.	COLUMN
CONC.	CONCRETE
GYP'BD.	GYPSUM BOARD
OPP.	OPPOSITE
REINF.	REINFORCED
WD.	WOOD
CMU	CONCRETE MASONRY UNIT
TYP.	TYPICAL

GRAPHIC SCALE

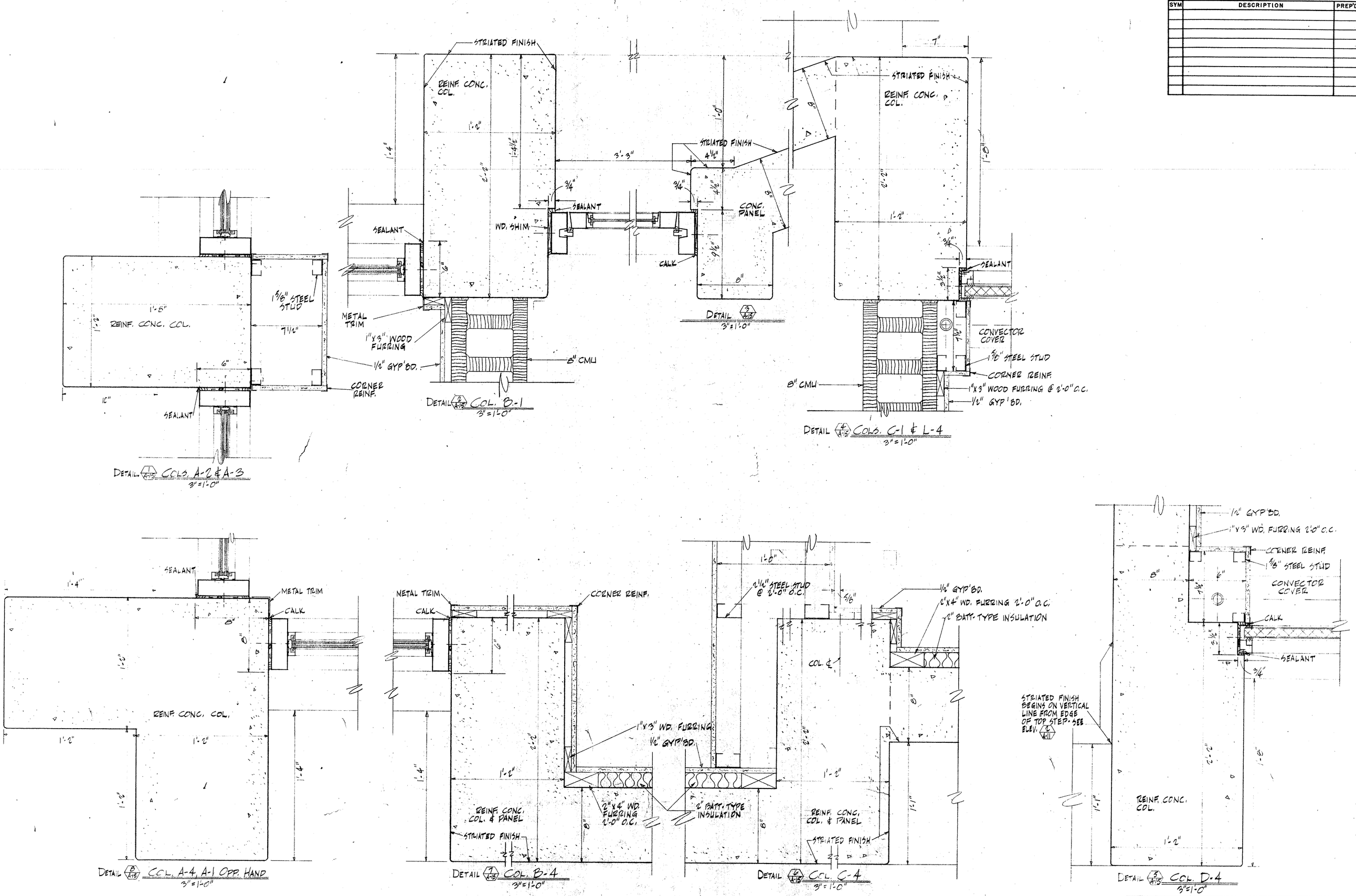
3"=1'-0" 0 1" 2" 3" 4" 5" 6" 1' 2'

FULL SIZE 0 1/2" 1" 2" 3" 6"

EFD NO. NBN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES MARSHALL	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.
DR BRAMFIELD	SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK	SAN ENGR	FIRST FLOOR COLUMN DETAILS
SUP		ARCHITECTURAL A-14
PROJ ENGR J.A. CIRILLO		
DIRECTOR O'CONNELL		
APPROVED DATE CFD FOR COMMANDER NAVFAC	CODE IDENT NO 80091	SIZE F
	FEC DRAWING NO. 1297674	
	CONST. CONTR. NO. 62464-68-C-0168	
SCALE GRAPHIC	SPEC 90396/68	SHEET 18 OF 41

PWC DWG. NO. 18029-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



ABBREVIATIONS

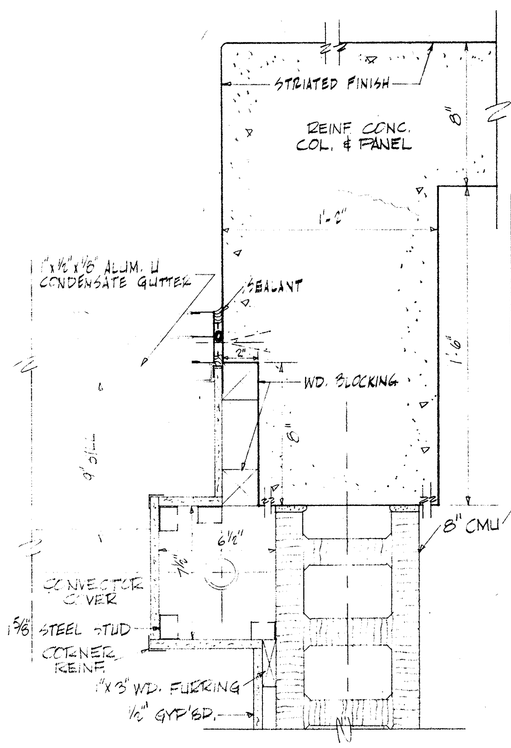
COL.	COLUMN
CONC.	CONCRETE
GYP'BD.	GYPSOM BOARD
OPP.	OPPOSITE
REINF.	REINFORCED
WD.	WOOD
CMU	CONCRETE MASONRY UNIT

GRAPHIC SCALE
3"=1'-0"

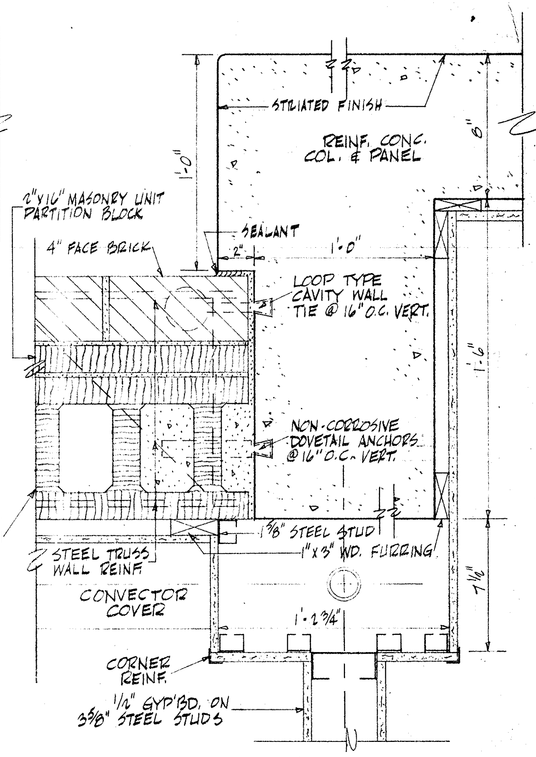
EFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES MARSHALL / FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.
DR BRASSFIELD / SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK / SAN ENGR	FIRST FLOOR COLUMN DETAILS
SUP	ARCHITECTURAL A-15
PROJ ENGR J.A. CIRILLO	
DIRECTOR O'CONNELL	
APPROVED E.S. Hartford J. 4/22/69 DATE	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1297675
CFD FOR COMMANDER NEES	CONST. CONTR. No 62464-68-C-0108
	SCALE GRAPHIC / SPEC 90596/68 / SHEET 19 OF 41

PWC DWG No. 18030-187

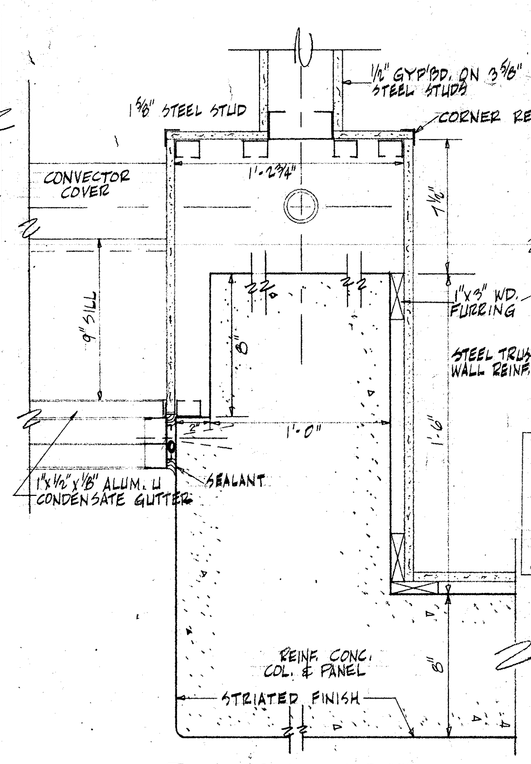
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



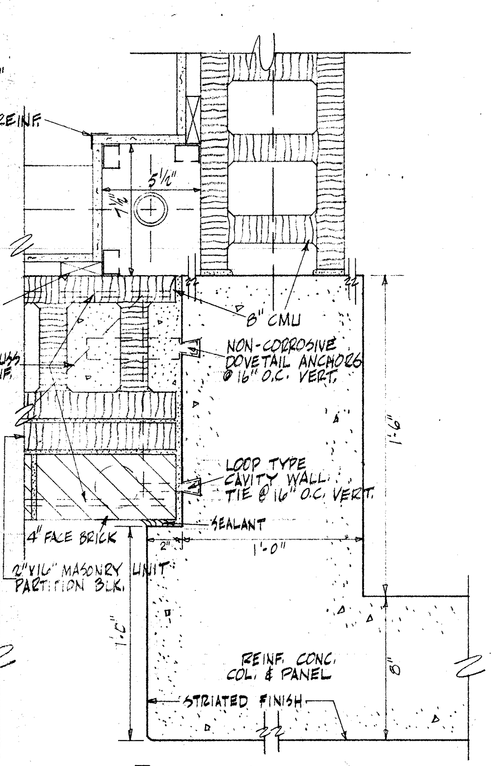
DETAIL 1/A16 COL. B-1, C-1 OPP HAND
3"=1'-0"



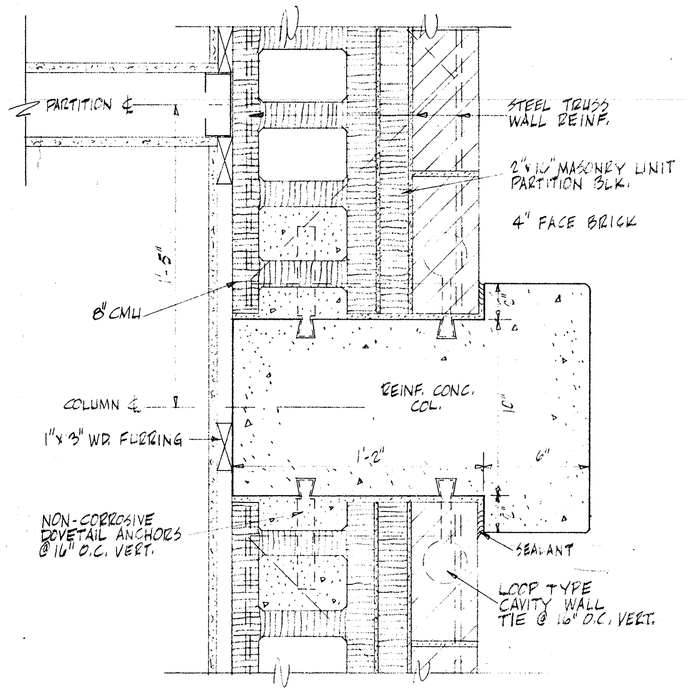
DETAIL 2/A16 COL. L-1, M-1 OPP. HAND
3"=1'-0"



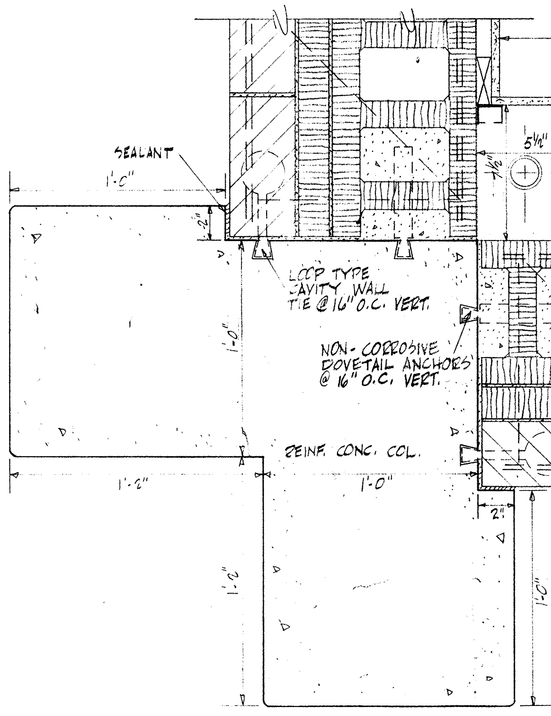
DETAIL 3/A16 COL. B-4, C-4 OPP HAND
3"=1'-0"



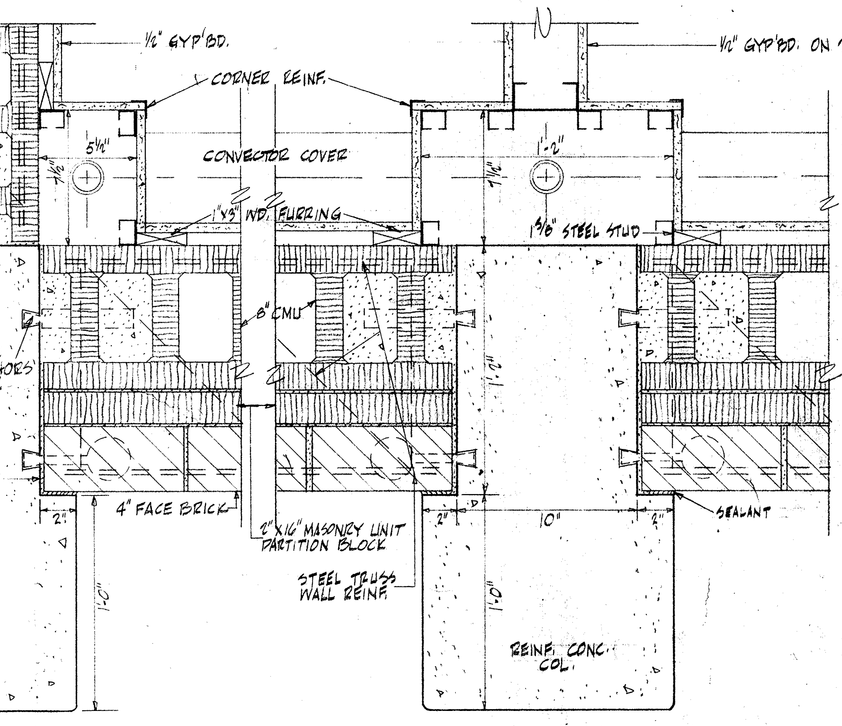
DETAIL 4/A16 COL. L-4, M-4 OPP HAND
3"=1'-0"



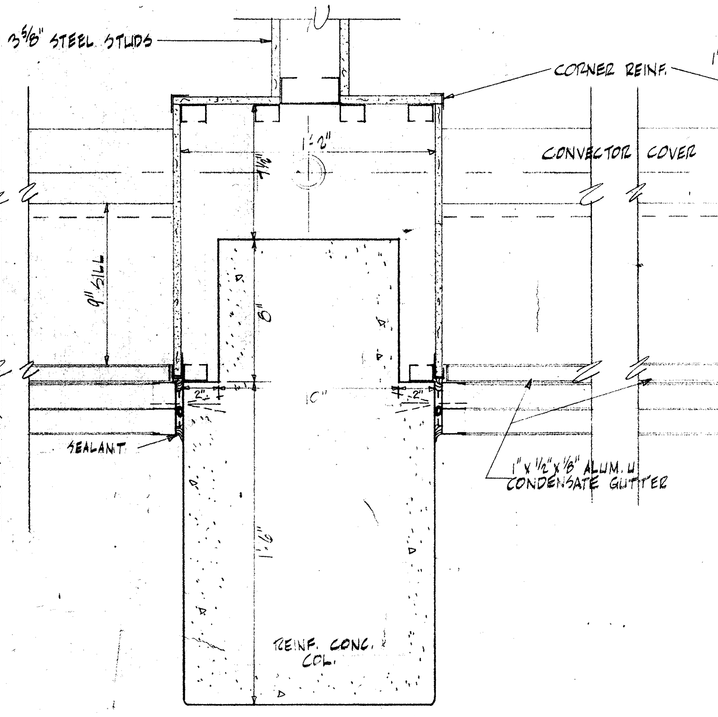
DETAIL 5/A16 COLS. A-3 & N-2, A-2 & N-3 OPP HAND
3"=1'-0"



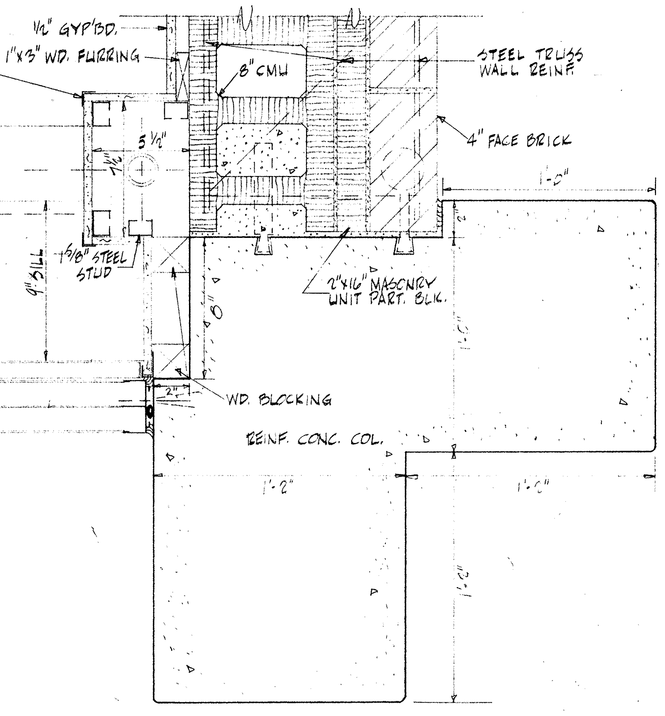
DETAIL 6/A16 COL. A-4, A-1 OPP HAND
3"=1'-0"



DETAIL 7/A16 COLS. D-1&4, F-1&4, H-1&4, J-1&4
3"=1'-0"



DETAIL 8/A16 COLS. E-1&4, G-1&4, I-1&4, K-1&4
3"=1'-0"



DETAIL 9/A16 COL. N-4, N-1 OPP. HAND
3"=1'-0"

GENERAL NOTE

PROVIDE 2"x16" MASONRY UNIT PARTITION BLOCKS AT ALL WINDOW AND INSULATED PANEL JAMBS AND WHERE CAVITY WALLS ABUT CONCRETE COLUMNS.

ABBREVIATIONS

ALUM.	ALUMINUM	VERT.	VERTICALLY
BLK.	BLOCK	WD.	WOOD
COL.	COLUMN	CMU	CONCRETE MASONRY UNIT
CONC.	CONCRETE		
GYP'BD.	GYPSUM BOARD		
OPP.	OPPOSITE		
PART.	PARTITION		
REINF.	REINFORCED (OR REINFORCING)		

GRAPHIC SCALE
3"=1'-0"
0 1" 2" 3" 4" 5" 6" 1' 2'

E.F.D. NO. NAVFAC 7-45		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES MARSHALL	FIRE PROT HOLBROOK		
DR/SCANNED	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT R.I.	
CHK	SAN ENGR	WAVES B.O.Q.	
SUP		SECOND-FIFTH FL. COLUMN DETAILS	
PROJ ENGR J.A. CIRILLO		ARCHITECTURAL	
DIRECTOR			
APPROVED DATE 4/22/67 CFD FOR COMMANDER NAVFEC		CODE IDENT NO 80091	SIZE F
		FEC DRAWING NO. 1297676	
		CONST. CONTR. NO. 62464-68-C-1134	
		SCALE	SPEC 90596/68
		SHEET 20 OF 41	

PWC DWG. NO. 18031-187

PWC Dwg. No: 18032-187

EFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES'D/CK'D	FIRE PROT.
DR'D/CK'D	SAF ENGR
CHK	SAN ENGR
SUP'R SANTOS	
PROJ. ENGR.	
DIRECTOR OF ENGINEERING	
APPROVED	DATE
for COMMANDER NEFE	

NAVAL SCHOOL COMMAND NEWPORT, R.I.

WAVES BOQ

BASEMENT & FOOTING PLAN

STRUCTURAL S-1

CODE IDENT NO 80091 SIZE F

SCALE/GRAPHIC SPEC 9C596/68 SHEET 21 OF 41

CONST. CONTR. NO. N62464-68-C-0106

FEC DRAWING NO. 1,297,677

GENERAL NOTES

DESIGN LOADINGS :

ROOF	= 20 PSF.
QUARTERS	= 40 PSF.
CORRIDORS	= 60 PSF.
STAIRS	= 100 PSF.
LAUNDRY	= 100 PSF.
LINEN STORAGE	= 125 PSF.
BASEMENT	= 200 PSF.
WIND	= 114 MPH.
SEISMIC	= ZONE 2

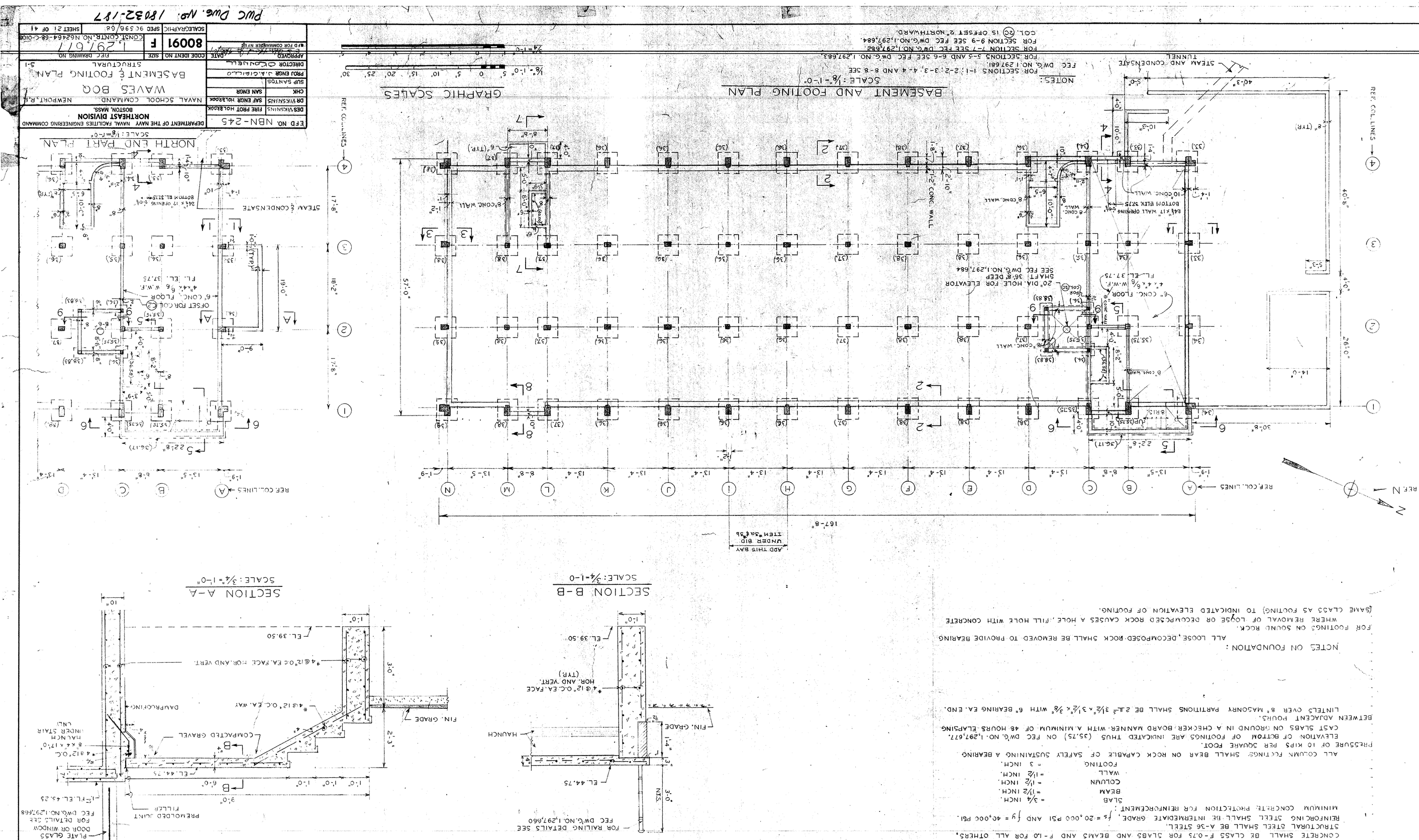
CONCRETE SHALL BE CLASS F-0.75 FOR SLABS AND BEAMS AND F-1.0 FOR ALL OTHERS, STRUCTURAL STEEL SHALL BE A-36 STEEL.
REINFORCING STEEL SHALL BE INTERMEDIATE GRADE, f_s = 20,000 PSI AND f_y = 40,000 PSI.
MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT :

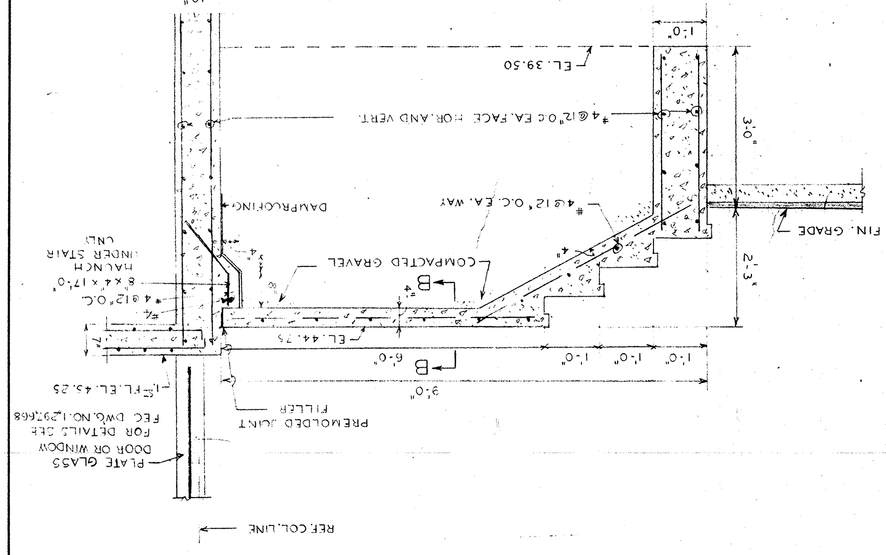
SLAB	= 3/4 INCH.
BEAM	= 1/2 INCH.
COLUMN	= 1 1/2 INCH.
WALL	= 1 1/2 INCH.
FOOTING	= 3 INCH.

ALL COLUMN FOOTINGS SHALL BEAR ON ROCK CAPABLE OF SAFELY SUSTAINING A BEARING PRESSURE OF 10 KIPS PER SQUARE FOOT.
ELEVATION OF BOTTOM OF FOOTINGS ARE INDICATED THUS (35.75) ON FEC DWG. NO. 1,297,677.
CAST SLABS ON GROUND IN A CHECKER BOARD MANNER WITH A MINIMUM OF 48 HOURS ELAPSING BETWEEN ADJACENT POURS.
LINTELS OVER 8" MASONRY PARTITIONS SHALL BE 2 1/2" x 3 1/2" x 3/8" WITH 6" BEARING EA. END.

NOTES ON FOUNDATION :

ALL LOOSE, DECOMPOSED ROCK SHALL BE REMOVED TO PROVIDE BEARING FOR FOOTINGS ON SOUND ROCK.
WHERE REMOVAL OF LOOSE OR DECOMPOSED ROCK CAUSES A HOLE, FILL HOLE WITH CONCRETE (SAME CLASS AS FOOTING) TO INDICATED ELEVATION OF FOOTING.

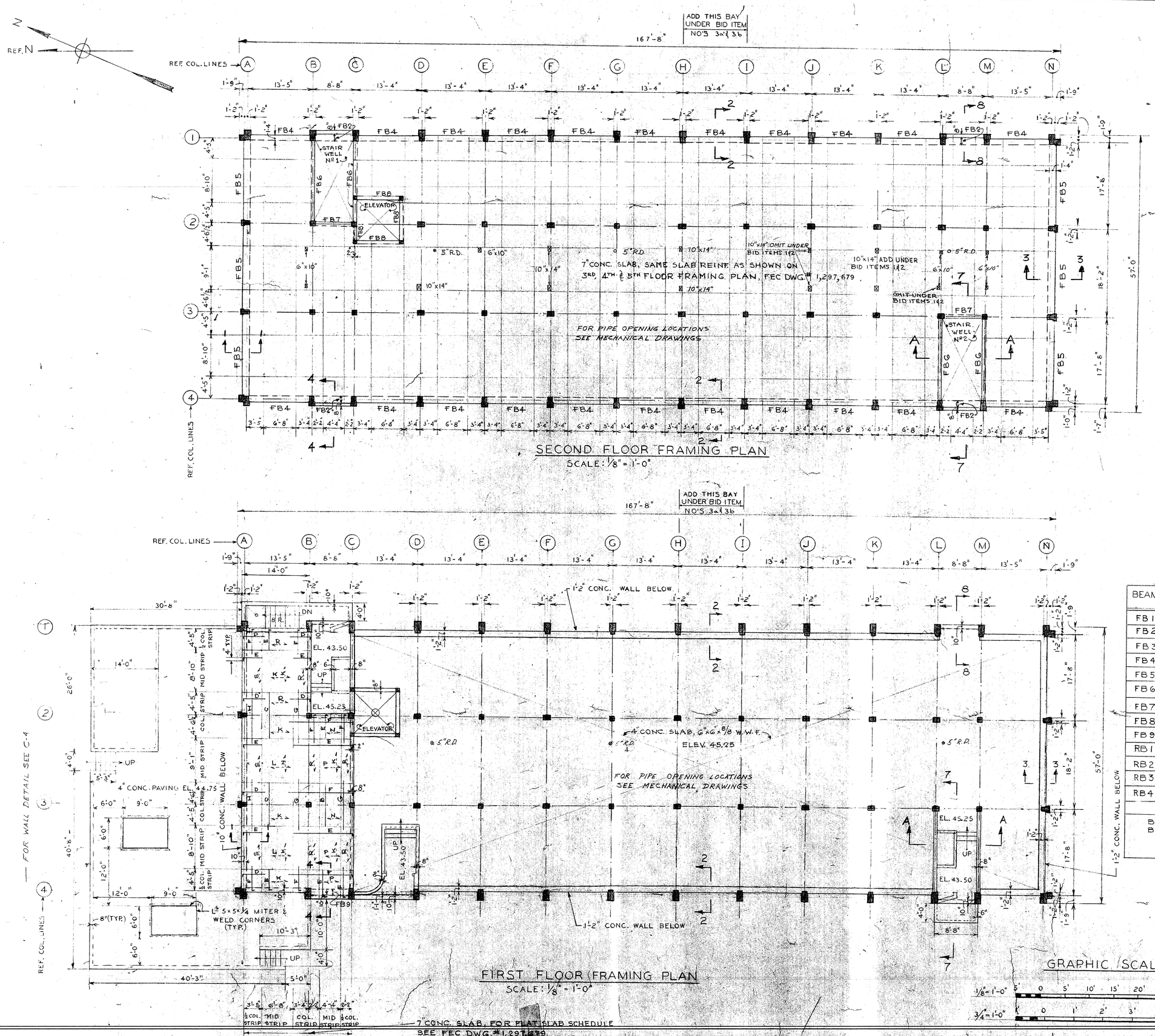




SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

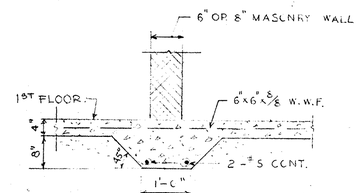
REVISION

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



SECOND FLOOR FRAMING PLAN

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



THICKENED CONCRETE SLAB (TYPICAL AT INTERIOR MASONRY WALLS)

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

FIRST FLOOR FRAMING PLAN

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

CONCRETE BEAM SCHEDULE

BEAMS	WIDTH (INCH)	DEPTH (INCH)	MAIN REINF. BOT.	MAIN REINF. TOP	#3 □ STIRRUPS SPACING EA. END	REMARKS
FB1	8"	16"	2-#7	2-#7	3@8"	SEE FEC DWG'S 1,297,681 & 1,297,682
FB2	18	16	3-#5	3-#5	3@8"	
FB3	8	20	2-#9	2-#9	2@6", 4@8"	
FB4	16	16	4-#8	4-#8	2@8"	
FB5	16	20	4-#9	4-#9	2@6", 4@8"	
FB6	8	20	2-#9	2-#5	2@6", 4@8"	CUT ONE TOP BAR TO LET 7" ℄ THROUGH SEE 1,297,682
FB7	12	12	3-#6	3-#6	2@6"	
FB8	8	12	2-#6	2-#6	3@6"	
FB9	16	16	3-#5	3-#5	3@8"	SEE FEC DWG. 1,297,681
RB1	19"/20"	32	3-#5	3-#5	3@12"	SEE FEC DWG 1,297,681
RB2	10"/8"	18	2-#7	2-#7	3@6"	TOP AT ELEV. 60.42 SEE SECT B-B BOTTOM AT ELEV 88.92 SEE SECT 7-7
RB3	8	12±	2-#9	2-#6	2@6", 4@8"	
RB4	12	12	3-#6	3-#6	2@6"	

BARS LAPPED 24 BAR DIAMETERS AT SUPPORT FOR BOTTOM BARS AND AT MIDSPAN FOR TOP BARS

GRAPHIC SCALES

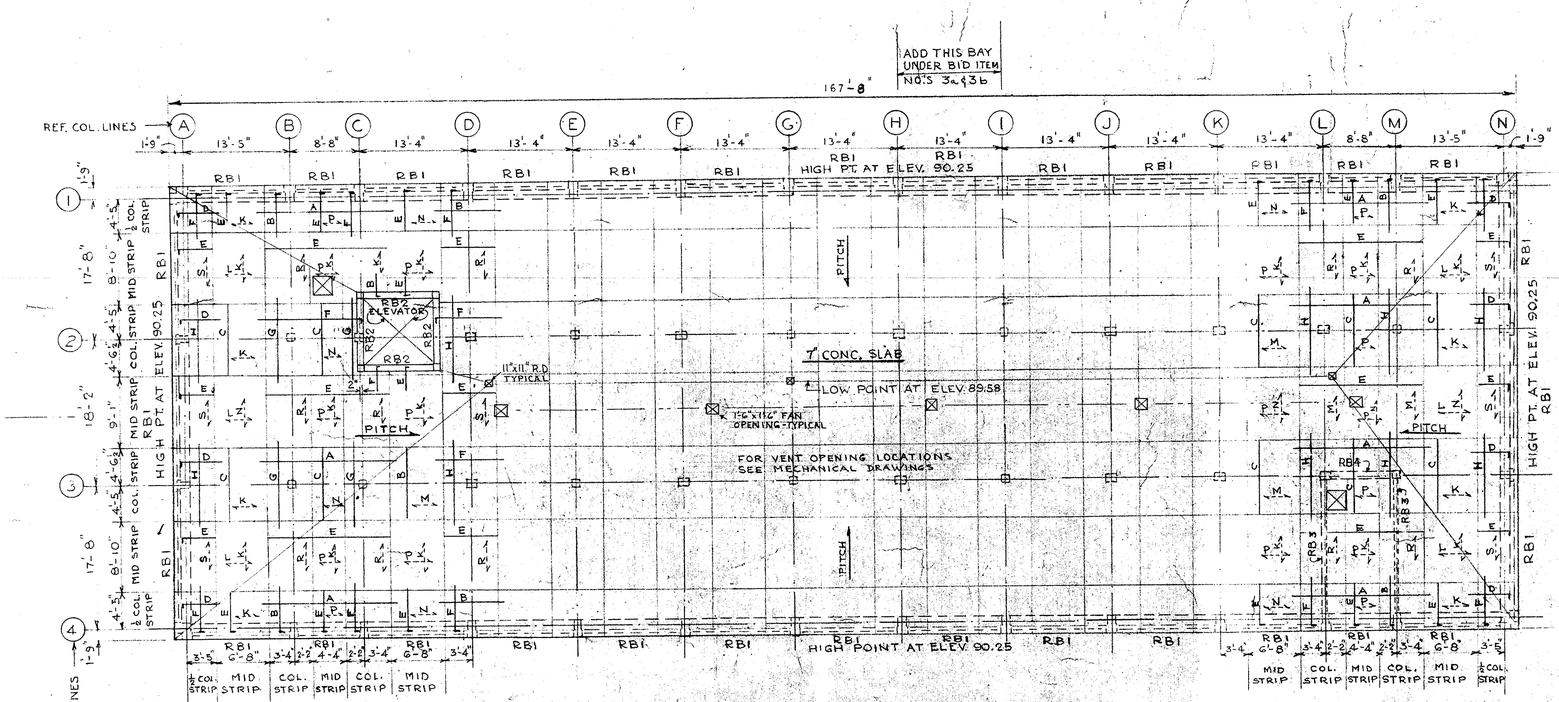
1/8"=1'-0" 5' 0 5' 10' 15' 20' 25' 30'

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

EFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES HURLEY / FIRE PROT HOLBROOK	NAVAL SCHOOLS COMMAND NEWPORT, R.I.
DR VIKSNINS / SAF ENGR HOLBROOK	WAVES BOQ
CHK / SAN ENGR	1ST FLOOR & 2ND FL. FRAMING PLANS
SUP SANTOS	STRUCTURAL S-2
PROJ ENGR J.A. CIRILLO	
DIRECTOR O'CONNELL	
APPROVED E.S. Hartford Jr. DATE 4/26/67 EFD FOR COMMANDER NAVFAC	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1,297,678
	CONST. CONTR. NO. N62464-68-C-0108
SCALE GRAPHIC	SPEC 90596/68 / SHEET 22 OF 41

PWC DWG. NO. 18033-187

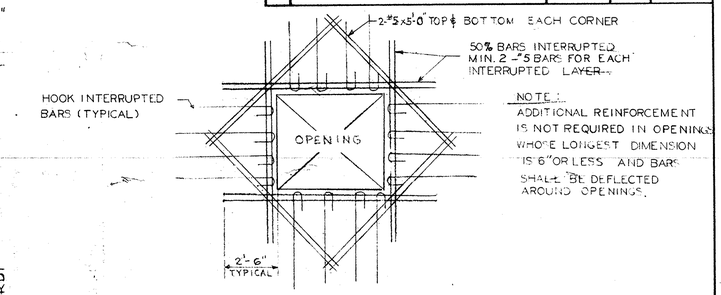
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



ROOF FRAMING PLAN

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

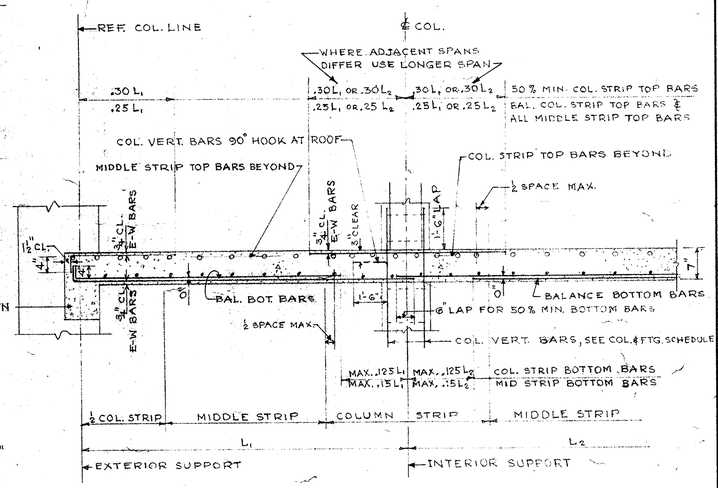
(SLAB REINF. NOT SHOWN SAME AS FOR 3RD, 4TH & 5TH FLOOR FRAMING PLAN)



NOTE:
ADDITIONAL REINFORCEMENT IS NOT REQUIRED IN OPENINGS WHOSE LONGEST DIMENSION IS 6" OR LESS AND BARS SHALL BE DEFLECTED AROUND OPENINGS.

TYPICAL SLAB OPENING DETAIL

NO SCALE



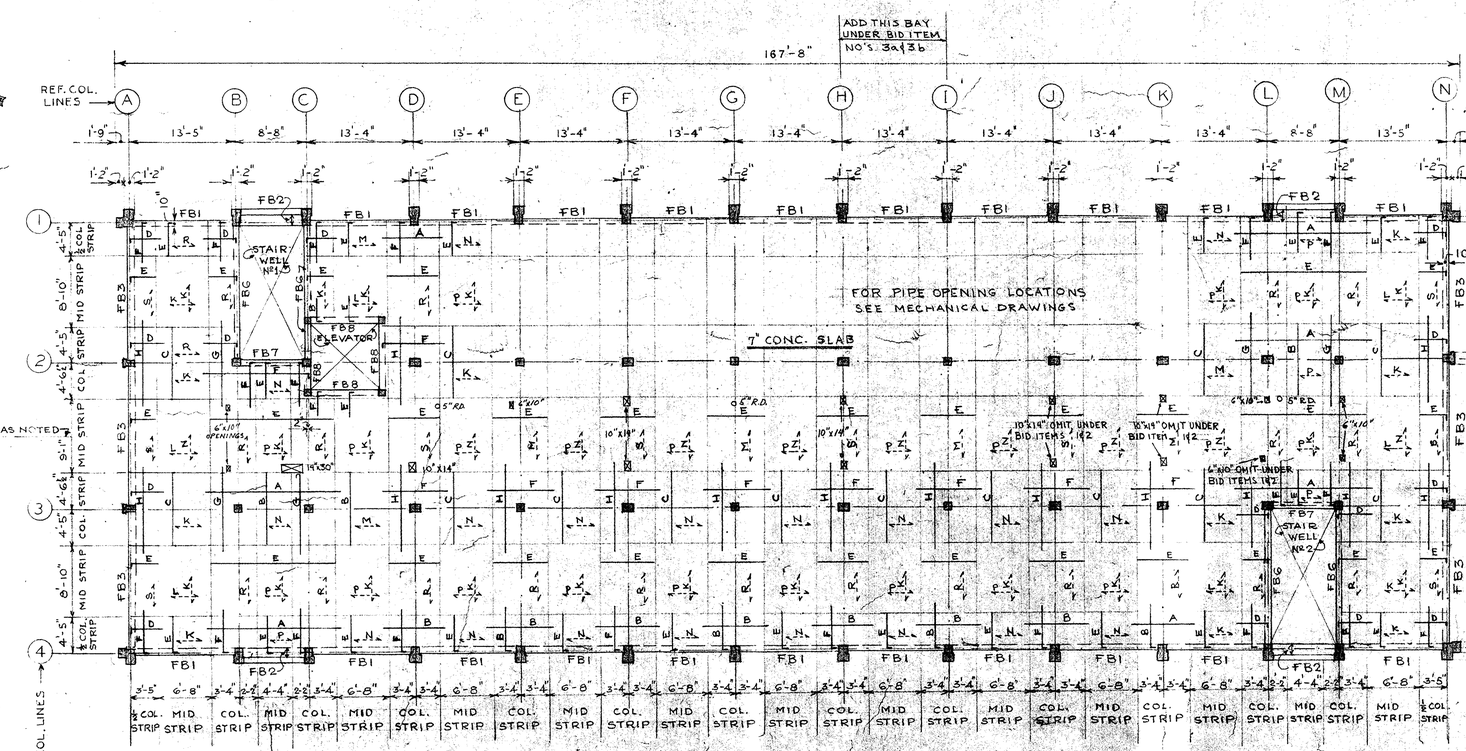
TYPICAL FLAT PLATE REINFORCEMENT DETAIL

NO SCALE

N

REF. N

REF. COL. LINES



SLAB REINF. SYMMETRICAL ABOUT ℄ EXCEPT AS NOTED

THIRD, FOURTH AND FIFTH FLOOR FRAMING PLAN

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

FLAT SLAB SCHEDULE

SLABS (7" THICK)	REINF. BARS TOP	REINF. BARS BOTTOM	REMARKS
A	#4 @ 5" O.C.		
B	#4 @ 6" O.C.		
C	#4 @ 8" O.C.		
D	#4 @ 10" O.C.		
E	#4 @ 12" O.C.		
F	#5 @ 6" O.C.		
G	#6 @ 5" O.C.		
H	#6 @ 6" O.C.		
K		#4 @ 6" O.C.	
L		#4 @ 8" O.C.	
M		#4 @ 10" O.C.	
N		#4 @ 12" O.C.	
P		#4 @ 13" O.C.	
R		#5 @ 6" O.C.	
S		#5 @ 8" O.C.	

BAR PLACING SEQUENCE

1. E-W BOTTOM BARS
2. N-S BOTTOM BARS
3. N-S TOP BARS
4. E-W TOP BARS

NOTE:
ALL BARS SHALL HAVE 90° HOOK AT DISCONTINUOUS EDGE. SEE TYP. FLAT PLATE REINF. DETAIL.

GRAPHIC SCALE

1/8"-1'-0" 5' 0 5' 10' 15' 20' 25' 30'

EFD NO. NBN-245	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES HURLEY / FIRE PROT HOLBROOK	
DR VIKSNINS / SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.
CHK / SAN ENGR	WAVES BOQ
SUP SANTOS	3RD, 4TH & 5TH FL. & ROOF FRAMING PLANS
PROJ ENGR J.A. CIRILLO	STRUCTURAL
DIRECTOR O CONNELL	
APPROVED DATE 4/27/67 EFD FOR COMMANDER NYES	CODE IDENT NO 80091 / SIZE F / FEC DRAWING NO. 1,297,679 / CONSTR. CONTR. NO. N62466-68-C-0108 / SCALE GRAPHIC / SPEC 90-596/68 / SHEET 2/3 OF 4/

PWC, Dwg. No. 18034-187

PWC Dwg. No. 1835-187

EFD NO: NBN-245	DES'D/ESSING	FIRE PROT NQ1,8500K	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND BOSTON, MASS. NORTHEAST DIVISION	DR'D/ESSING	SAE ENGR NQ1,8500K	
	CHK	SAN ENGR	
NAVAL SCHOOL COMMAND NEWPORT, R.I.	SUP'R SANTOS		
WAVES BOQ	PROJ ENGR J.J. DiSalvo		
COLUMN & FOOTING SCHEDULE	DIRECTOR C. Gouveia		
STRUCTURAL 3-4	APPROVED C. Gouveia 4 Feb 81		
	EFD FOR COMMANDER NFEC		

CODE IDENT NO	SIZE	FEC DRAWING NO.
80091	F	1,297,680

SCALE	SPEC 90536/66	SHEET 2 OF 41
—		

CONT'N. CONTR. NO. N62467-66-C-0166

NOTES:

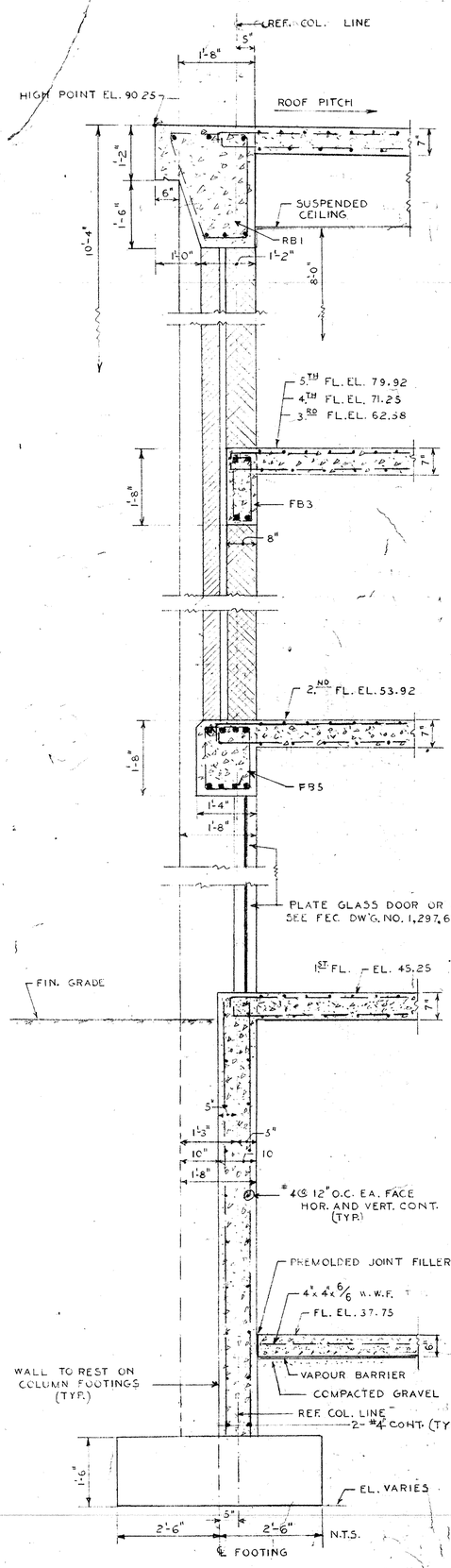
1. FOR ELEVATIONS OF BOTTOM OF FOOTINGS SEE FEC DWG. NO. 1,297,672.
2. FOR ORIENTATION OF EXTERIOR COLUMNS SEE FEC DW G. NO'S. 1,297,674; 1,297,675; 1,297,676 AND 1,297,677.
3. FOR TYPICAL COLUMN FOOTING DETAIL SEE FEC DW'G. NO. 1,297,684.

COLUMN AND FOOTING SCHEDULE

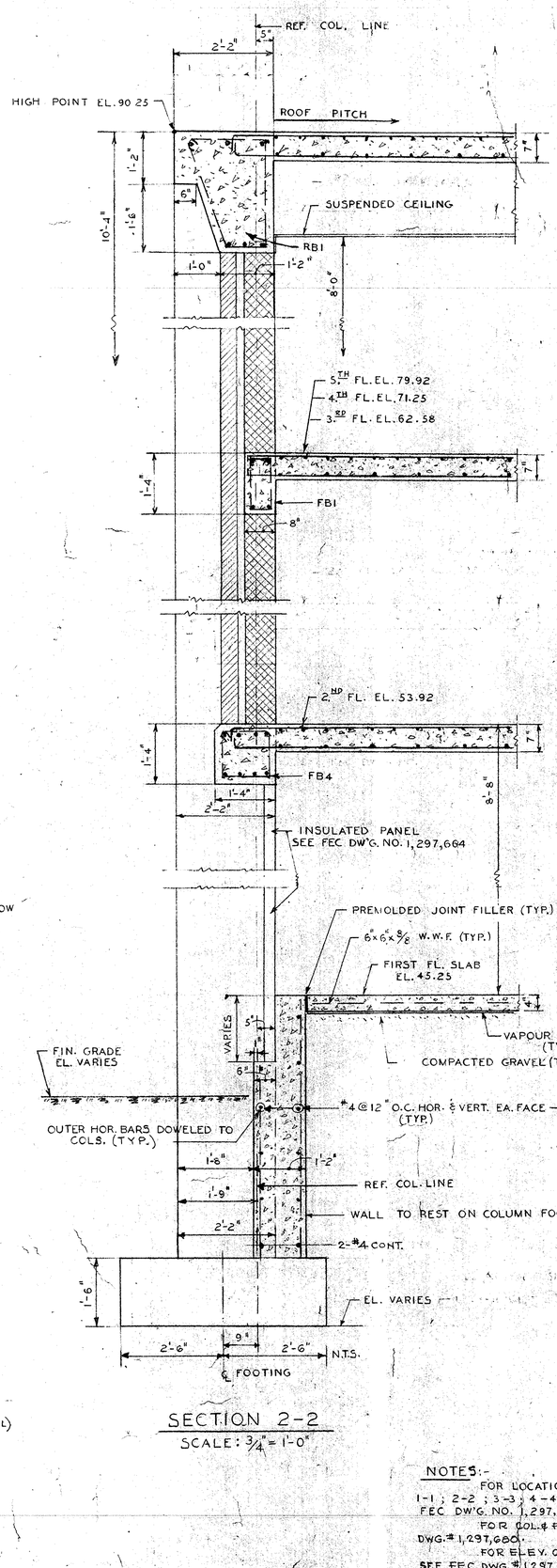
COL. NO'S	FLOORS	FOOTINGS UNLESS NOTED OTHERWISE ARE 5'-0"x5'-0"x1'-6" BELOW F.F. 10'-7" RAISED
4A 1A OPPOSITE HAND	2 REQ'D.	BASEMENT CONC. FLR. EL. 37.75 1.ST FL. CONC. FLR. EL. 45.25 2.ND FL. CONC. FLR. EL. 54.92 3.RD FL. CONC. FLR. EL. 64.92 4.TH FL. CONC. FLR. EL. 74.25 5.TH FL. CONC. FLR. EL. 79.92 ROOF HIGH PT EL. 90.25 LOW PT EL. 89.58
4N 1N OPP HAND	2 REQ'D.	
2A ; 3A	2 REQ'D.	
2N ; 3N	2 REQ'D.	
2B ; 3B ; 2C & 3C	4 REQ'D.	
2E, 2G, 2J AND 2M 3E, 3G, 3J AND 3M	8 REQ'D.	
1B ; 4B ; 1C & 4C	4 REQ'D.	
X=Y=1'-6" FOR 1D,4D,1F,4F,1H,4H,1J,4J X=Y=1'-6" FOR 1E,4E,1G,4G,1I,4I,1K,4K X=1'-0" & Y=2'-8" FOR 1L,4L,1M,4M	20 REQ'D.	
ELEVATOR COLUMNS 4 REQ'D.		
2D, 2F, 2H, 2J, 2L, 2K AND 2L 3D, 3F, 3H, 3J, 3L, 3K AND 3L	12 REQ'D.	

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

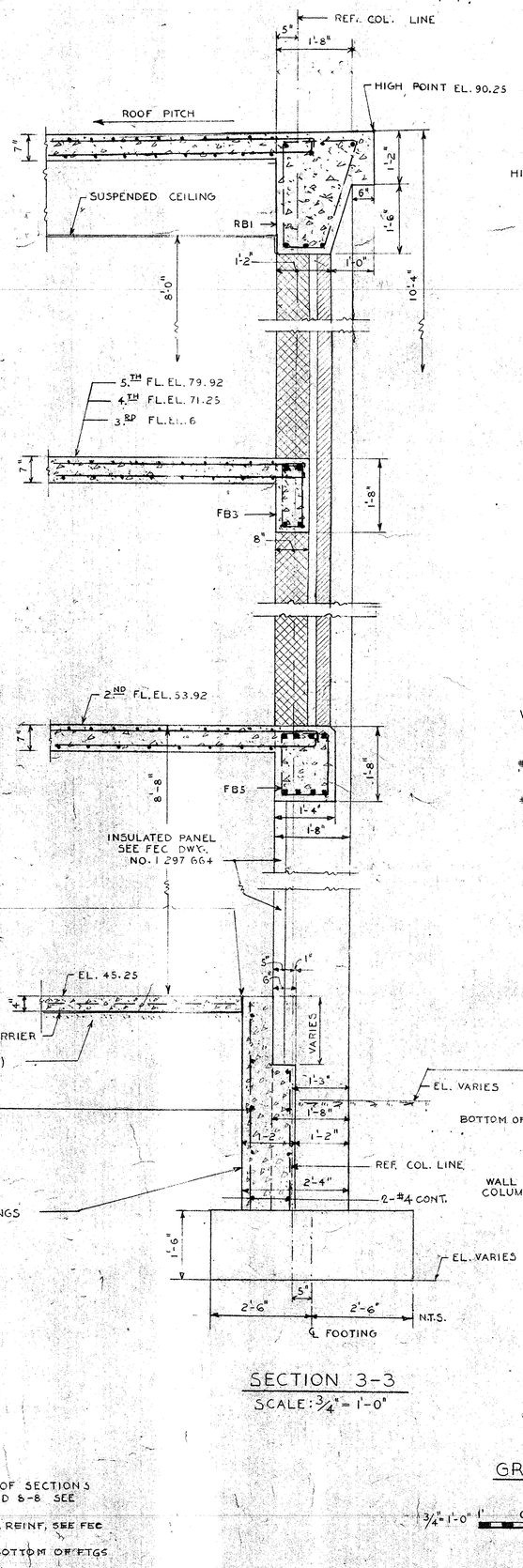
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



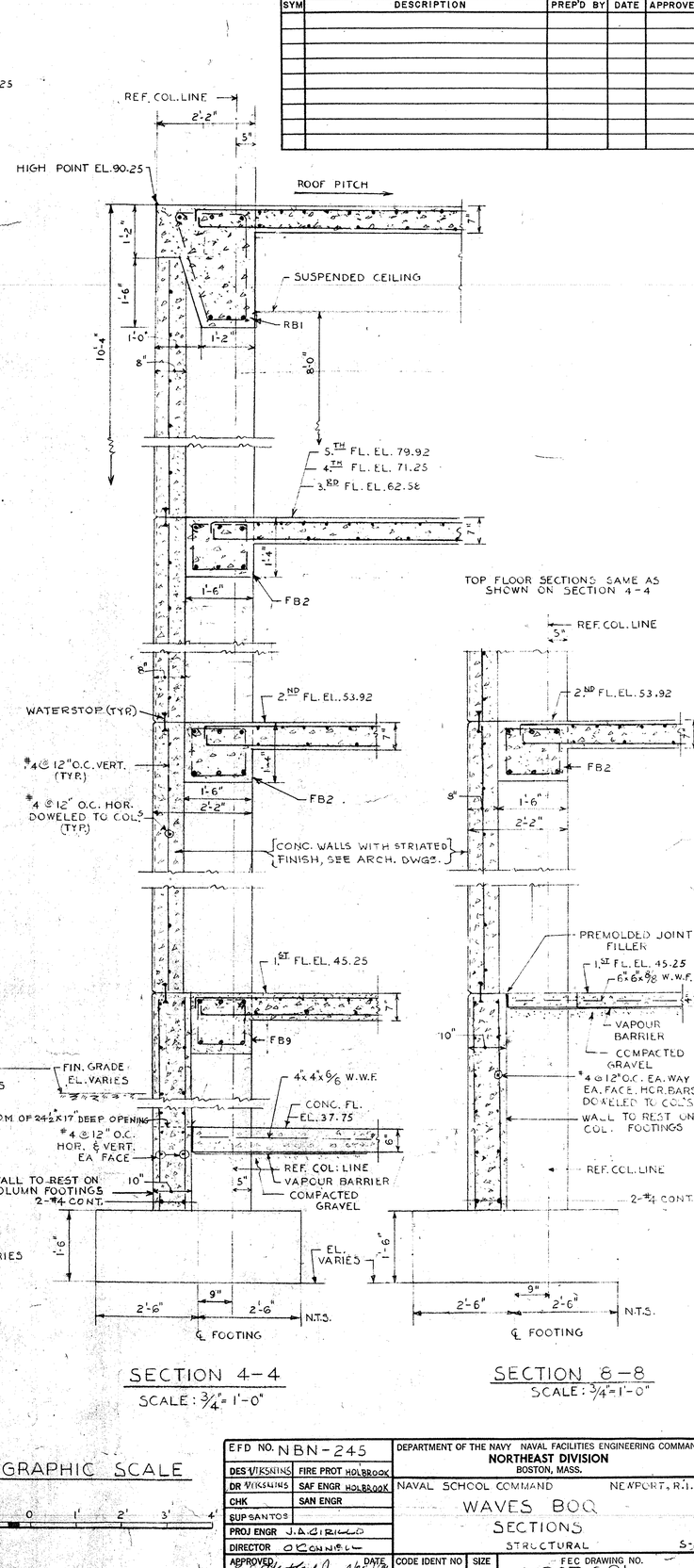
SECTION 1-1
SCALE: 3/4"= 1'-0"



SECTION 2-2
SCALE: 3/4"= 1'-0"



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



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

TOP FLOOR SECTIONS SAME AS SHOWN ON SECTION 4-4

SECTION 8-8
SCALE: 3/4"= 1'-0"

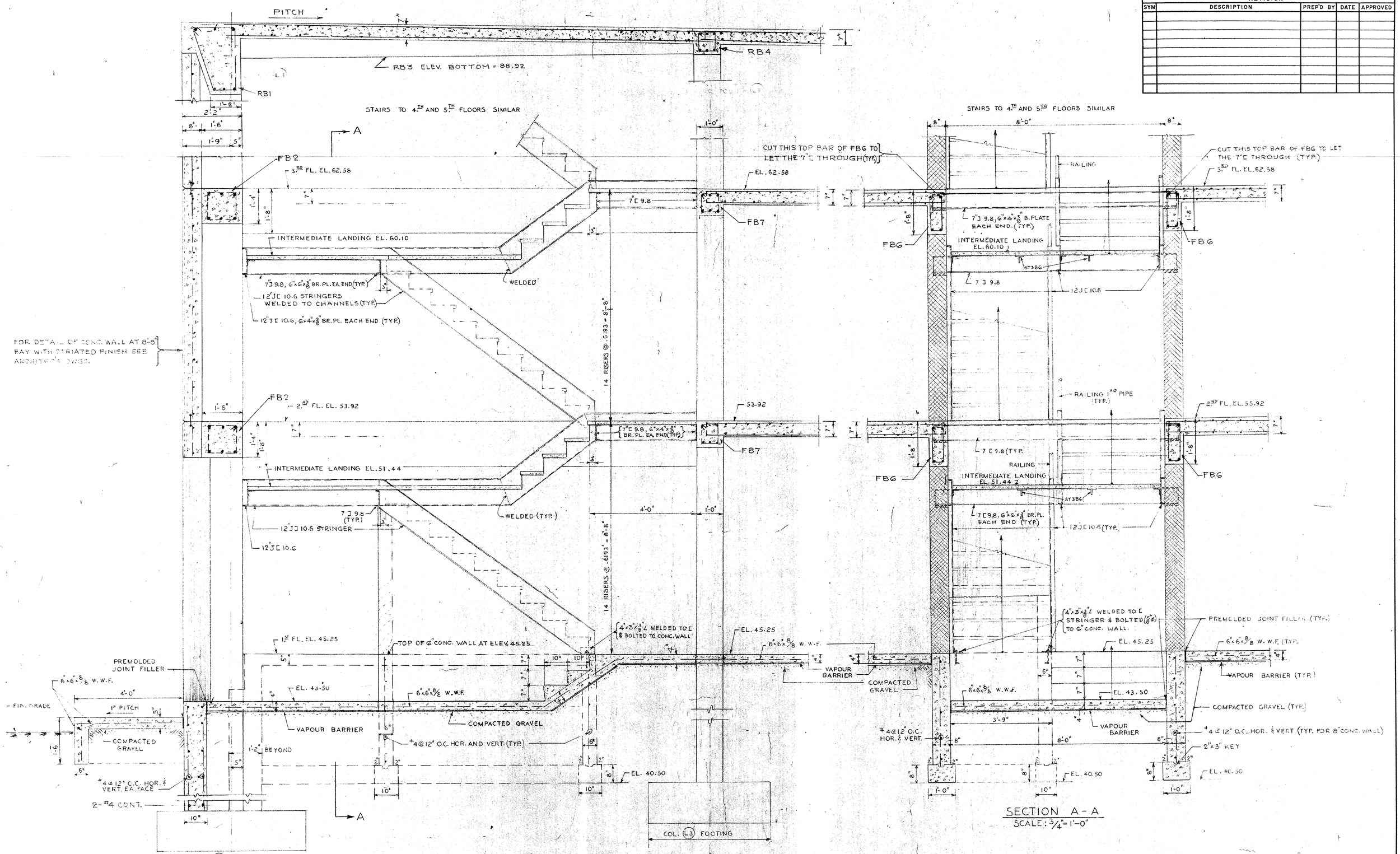
NOTES:-
FOR LOCATION OF SECTIONS 1-1 ; 2-2 ; 3-3 ; 4-4 AND 8-8 SEE FEC DW'G. NO. 1,297,677.
FOR COL.& FTG. REINF. SEE FEC DWG.# 1,297,680.
FOR ELEV. OF BOTTOM OF FTGS SEE FEC DWG.# 1,297,677.

GRAPHIC SCALE
3/4"=1'-0" 1' 0 1' 2' 3' 4'

EFD NO. NBN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES VIKSNINS	FIRE PROT HOLBROOK		
DR VIKSNINS	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND	NEWPORT, R.I.
CHK	SAN ENGR	WAVES BOQ	
SUP SANTOS		SECTIONS	
PROJ ENGR J.A.CIRILLO		STRUCTURAL	S-5
DIRECTOR O'CONNELL			
APPROVED [signature] DATE 4/22/69 EFD FOR COMMANDER NAVFAC		CODE IDENT NO 80091	SIZE F
		FEC DRAWING NO. 1,297,681	
		CONST CONTR NO. As Let Or Cond.	
SCALE GRAPHIC		SPEC 90596/68	SHEET 25 OF 41

PWC Dwg. No. 18036-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



SECTION 7-7
SCALE: ¾" = 1'-0"
(FOR LOCATION SEE FEC DWG. #1,297,677)

SECTION A-A
SCALE: ¾" = 1'-0"

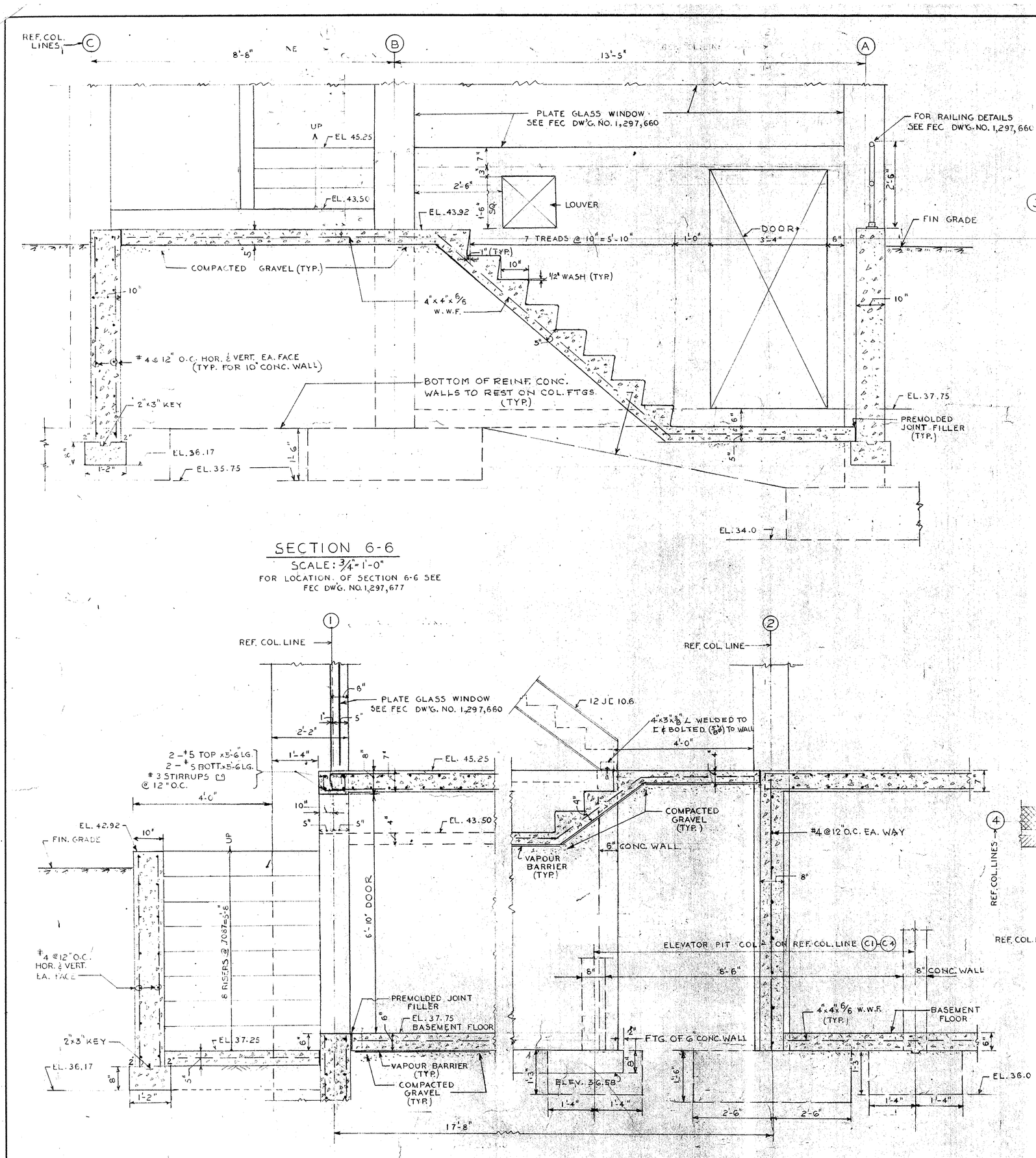
NOTES:
FOR STAIR DETAILS SEE FEC DWG. #1,297,699.
FOR PLAN OF STAIRS SEE FEC DWG. #1,297,683.
FOR COL. & FTG. REINF. SEE FEC DWGS. 1,297,680 & 1,297,684.
FOR ELEV. OF BOTTOM OF FTGS SEE FEC DWG. #1,297,677.

GRAPHIC SCALE
¾"=1'-0" 1' 0 1' 2' 3'

EFD NO. NBN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES VIKSNINS	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND	NEWPORT, R.I.
DR VIKSNINS	SAF ENGR HOLBROOK	WAVES BOQ STAIR DETAILS STRUCTURAL	8-6
CHK	SAN ENGR		
SUP SANTOS			
PROJ ENGR J.A. CIRILLO			
DIRECTOR O'CONNELL			
APPROVED DATE EFD FOR COMMANDER NFEC		CODE IDENT NO. 80091	SIZE F
		FEC DRAWING NO. 1,297,682	
		CONSTR. CONTR. NO. N62464-68-C-0108	
SCALE GRAPHIC		SPEC 90596/68	SHEET 26 OF 41

PWC Dwg. No. 18037-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



SECTION 6-6

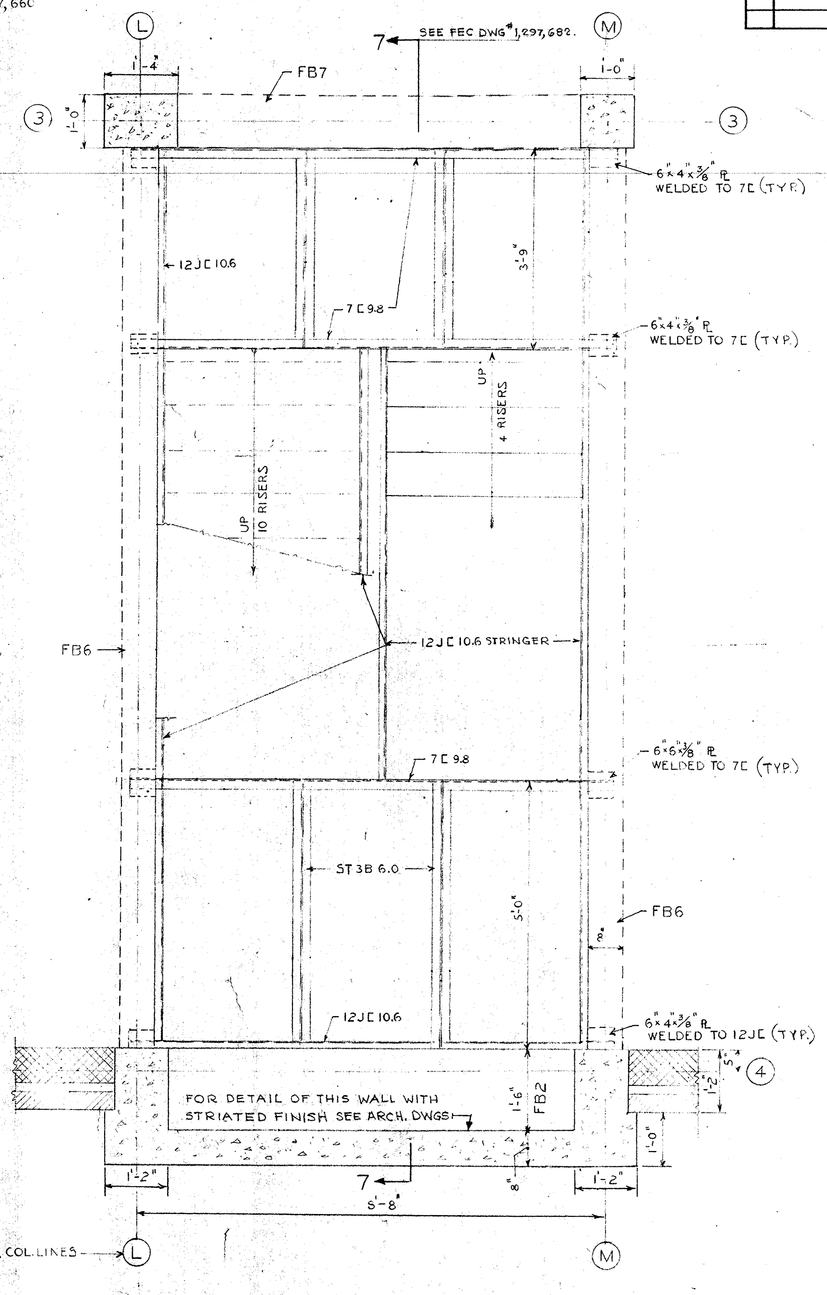
SCALE: 3/4" = 1'-0"

FOR LOCATION OF SECTION 6-6 SEE FEC DWG. NO. 1,297,677

SECTION 5-5

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

FOR LOCATION OF SECTION 5-5 SEE FEC DWG. NO. 1,297,677



TYPICAL STAIR PLAN - (STAIR NO. 2)

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

FOR LOCATION OF SECTION 7-7 SEE FEC DWG. NO. 1,297,677

(STAIR NO. 1 SIMILAR)

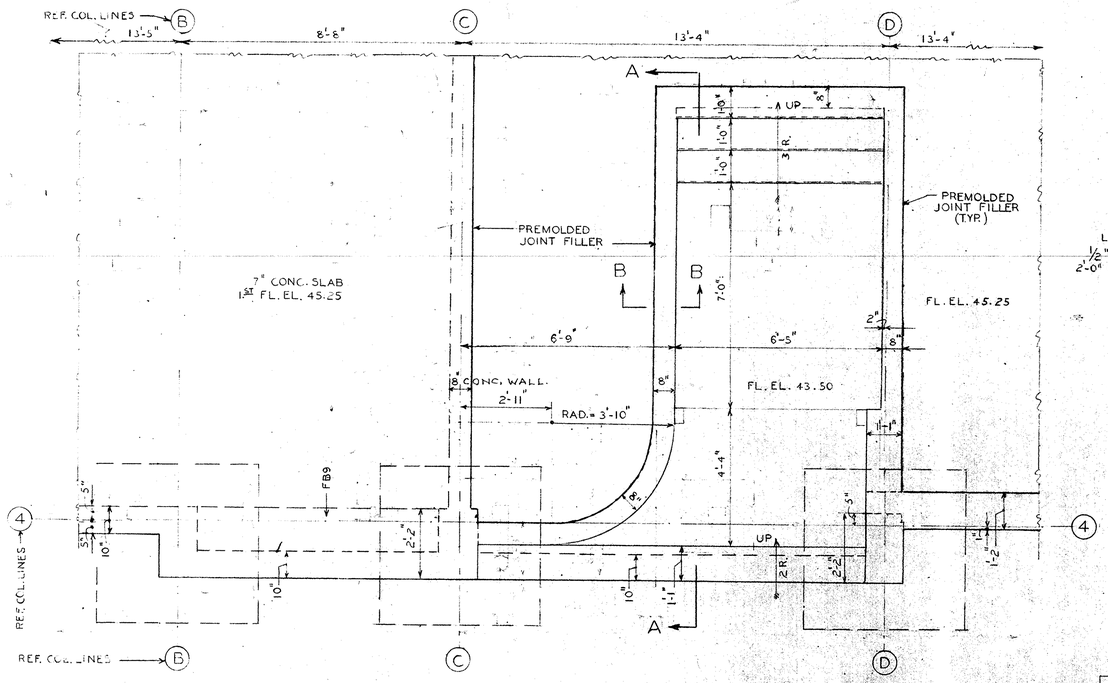
GRAPHIC SCALE

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

EFD NO. NBN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES VIKSNINS	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND	NEWPORT, R.I.
DR VIKSNINS	SAF ENGR HOLBROOK	WAVES BOQ	
CHK	SAN ENGR	SECTIONS AND DETAILS	
SUP SANTOS		STRUCTURAL	S-7
PROJ ENGR J.A. CIRILLO			
DIRECTOR O'CONNELL			
APPROVED F.S. Stafford Jr. 4/28/69	DATE	CODE IDENT NO 80091	SIZE F
		FEC DRAWING NO. 1,297,683	
		CONSTR CONTR. NO. N62464-68-C-1108	
SCALE GRAPHIC		SPEC 90596/68	SHEET 27 OF 41

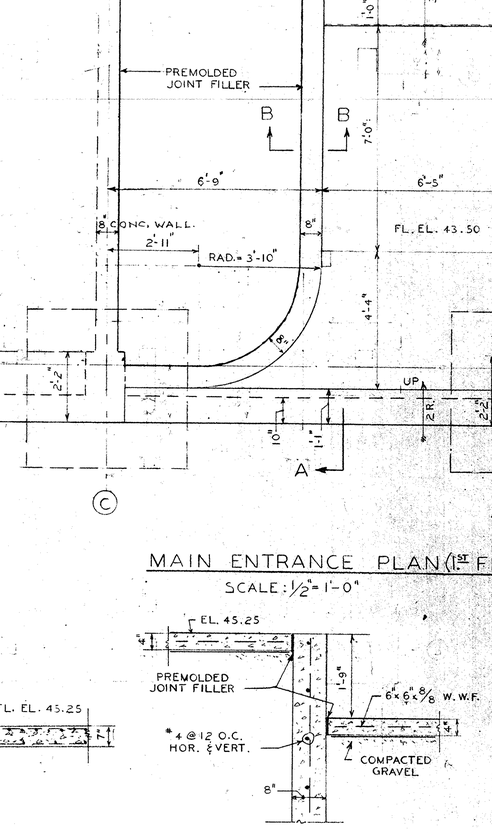
PWC Dwg. No. 18038-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



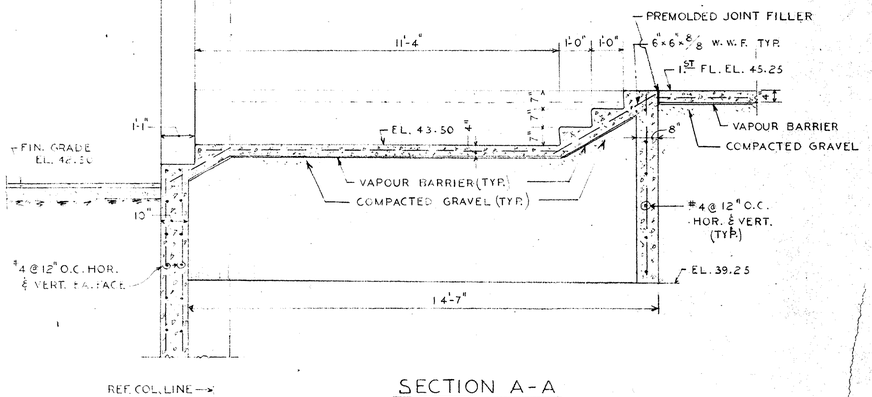
MAIN ENTRANCE PLAN (1ST FLOOR)

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



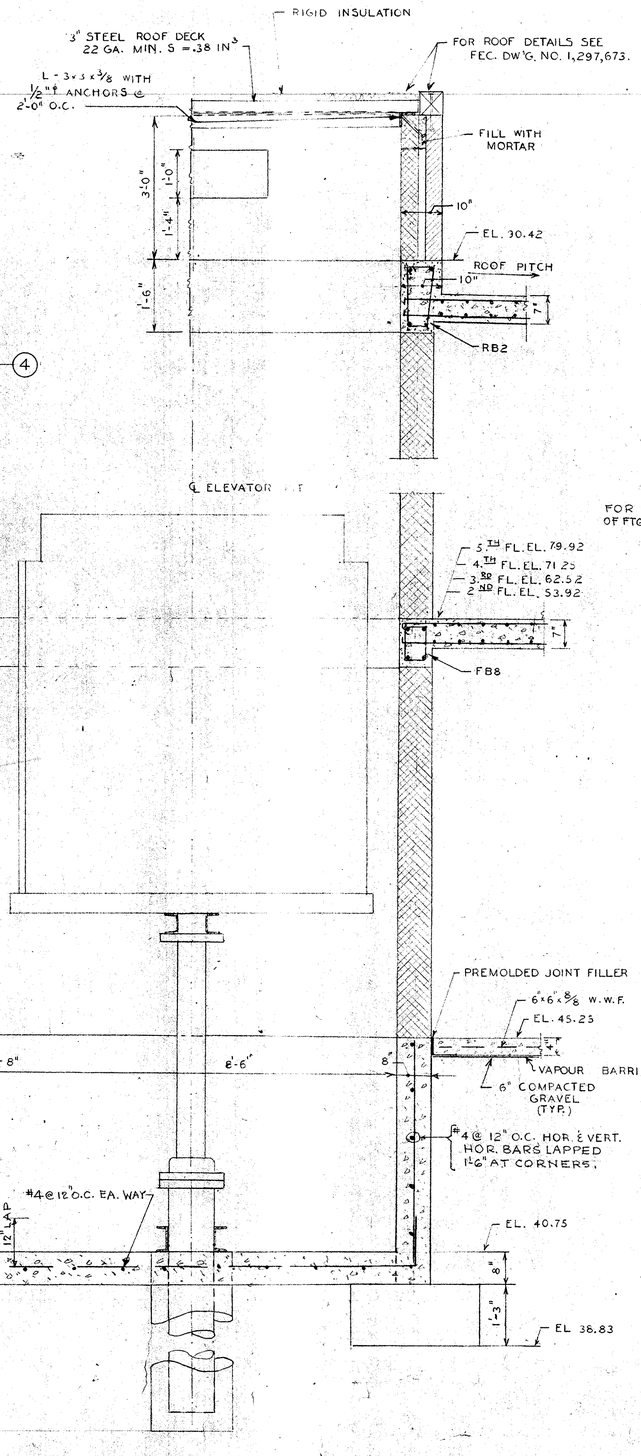
SECTION B-B

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



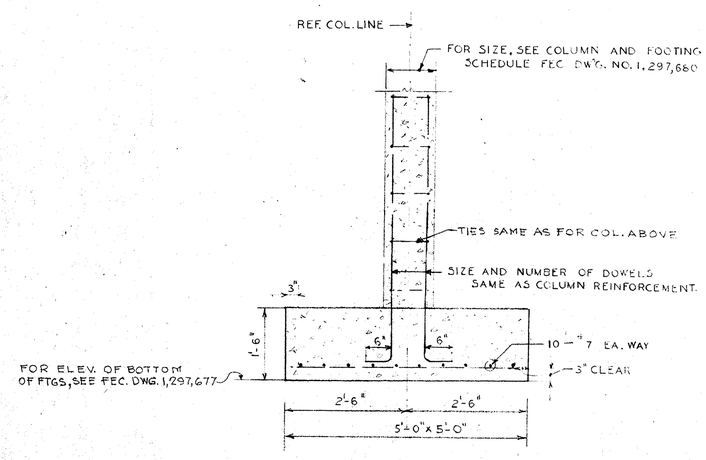
SECTION A-A

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



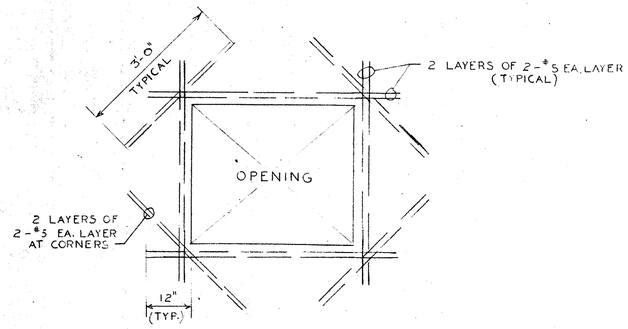
SECTION 9-9 - (FOR LOCATION OF SECTION 9-9 SEE FEC DWG. NO. 1,297,677)

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



TYPICAL COLUMN FOOTING

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



TYPICAL CONC. WALL OPENING REINFORCEMENT

NO SCALE

GRAPHIC SCALES

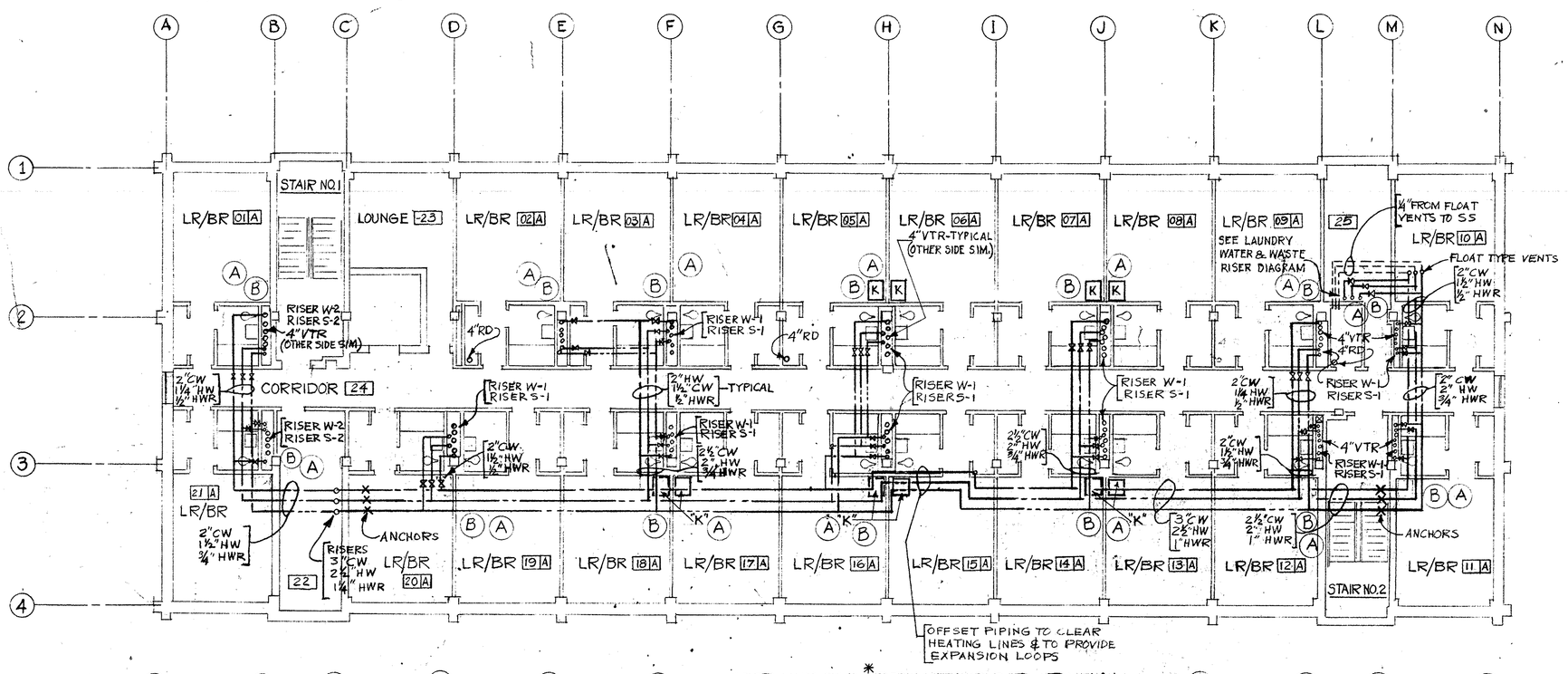
1/2" = 1'-0" 1' 0 1' 2' 3' 4' 5' 6' 7' 8' 9'

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

EFD NO. NBN-245		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES'D/KSNINS	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.	
DR VKSNITES	SAF ENGR HOLBROOK	WAVES BOQ	
CHK	SAN ENGR	MISCELLANEOUS DETAILS	
SUP SANTOS		STRUCTURAL	S-8
PROJ ENGR J.A. CIRILLO			
DIRECTOR O'CONNELL			
APPROVED E.S. Hartford FOR COMMANDER NNDE DATE 4/22/69		CODE IDENT NO 80091	SIZE F
		FEC DRAWING NO. 1297681	
		CONSTR. CONTR. NO. N62464-68-C-0106	
SCALE GRAPHIC		SPEC 90696/68	SHEET 28 OF 41

PWC Dwg. No. 18039 - 187

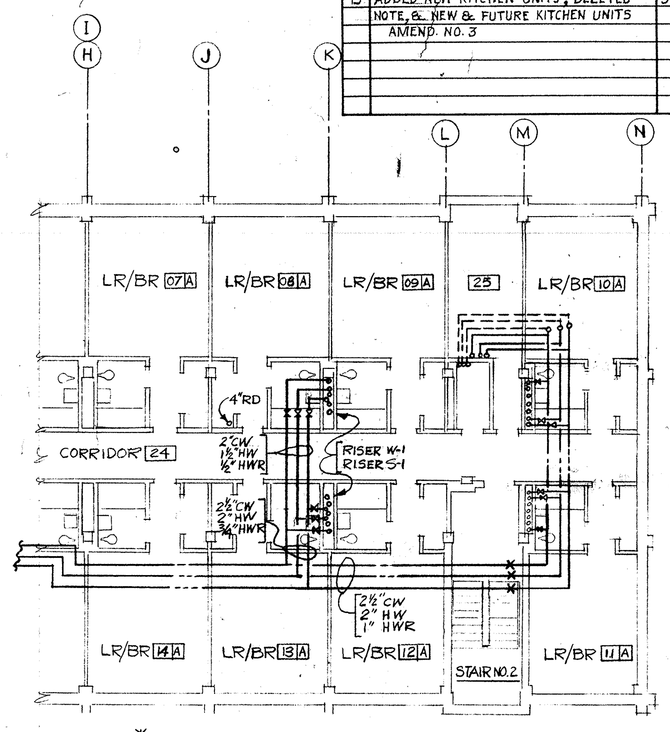
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED
A	ADDED-NEW & FUTURE KITCHEN UNITS & GENERAL NOTES NOS. 4 & 5	SHANNON	9-15-69	EJM
B	ADDED NEW KITCHEN UNITS; DELETED NOTE, & NEW & FUTURE KITCHEN UNITS AMEND. NO. 3	SHANNON	12-1-69	



*5TH FLOOR PLAN

1/8" = 1'-0"

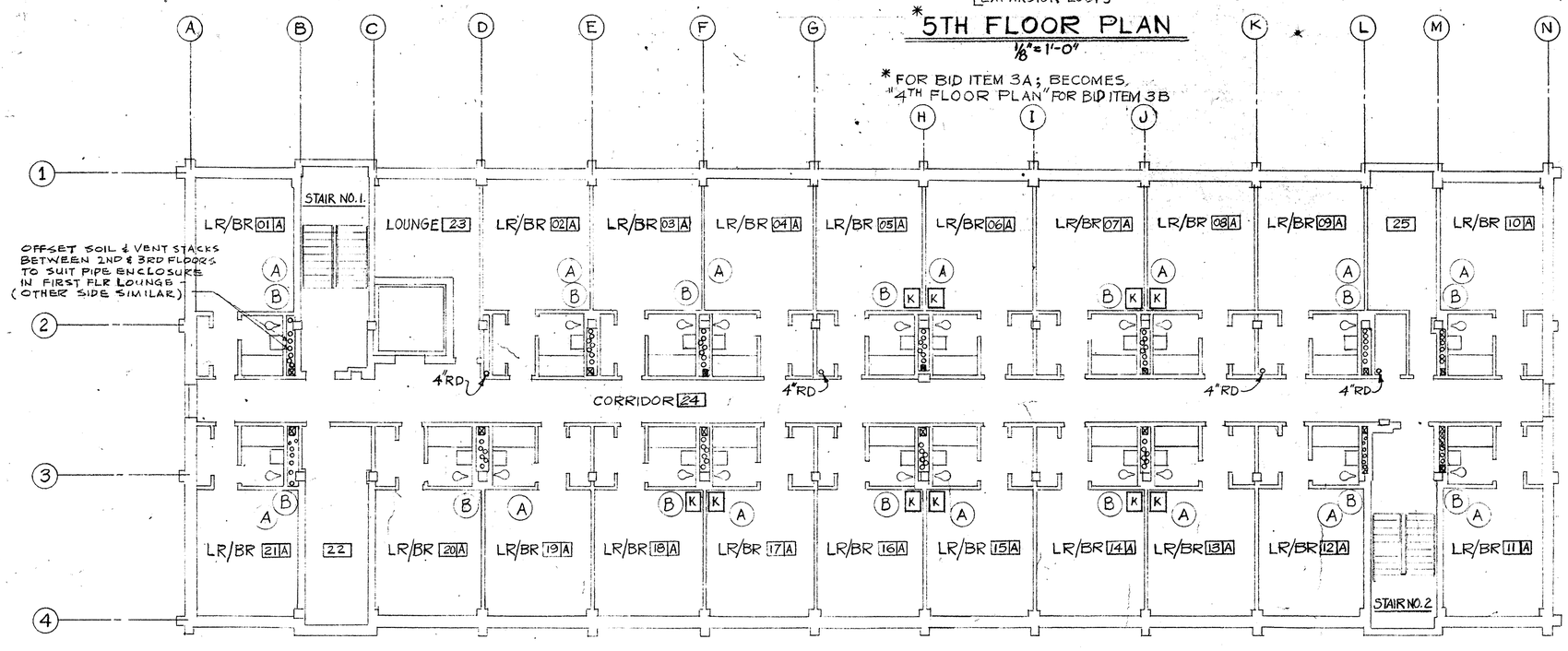
* FOR BID ITEM 3A; BECOMES "4TH FLOOR PLAN" FOR BID ITEM 3B



*PART 5TH FLOOR PLAN

1/8" = 1'-0"

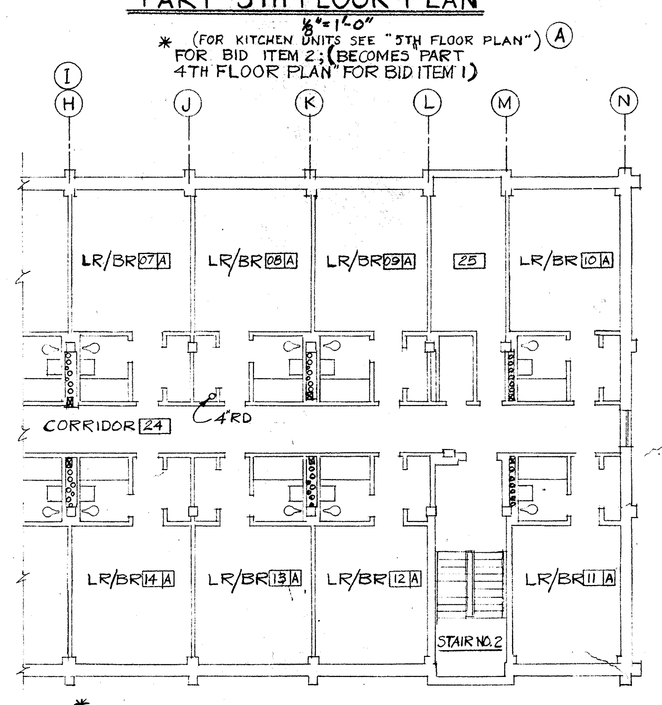
* (FOR KITCHEN UNITS SEE "5TH FLOOR PLAN") (A)
FOR BID ITEM 2; (BECOMES "PART 4TH FLOOR PLAN" FOR BID ITEM 1)



*SECOND THRU FOURTH FLOOR PLAN

1/8" = 1'-0"

* FOR BID ITEM 3A; BECOMES 2ND & 3RD FLOOR FOR BID ITEM 3B



*SECOND THRU FOURTH FLOOR-PART PLAN

1/8" = 1'-0"

* FOR BID ITEM 2; (BECOMES 2ND & 3RD FLOOR FOR BID ITEM NO. 1.)
(A) (FOR KITCHEN UNITS SEE "SECOND THRU FOURTH FLOOR PLAN")

GENERAL NOTES

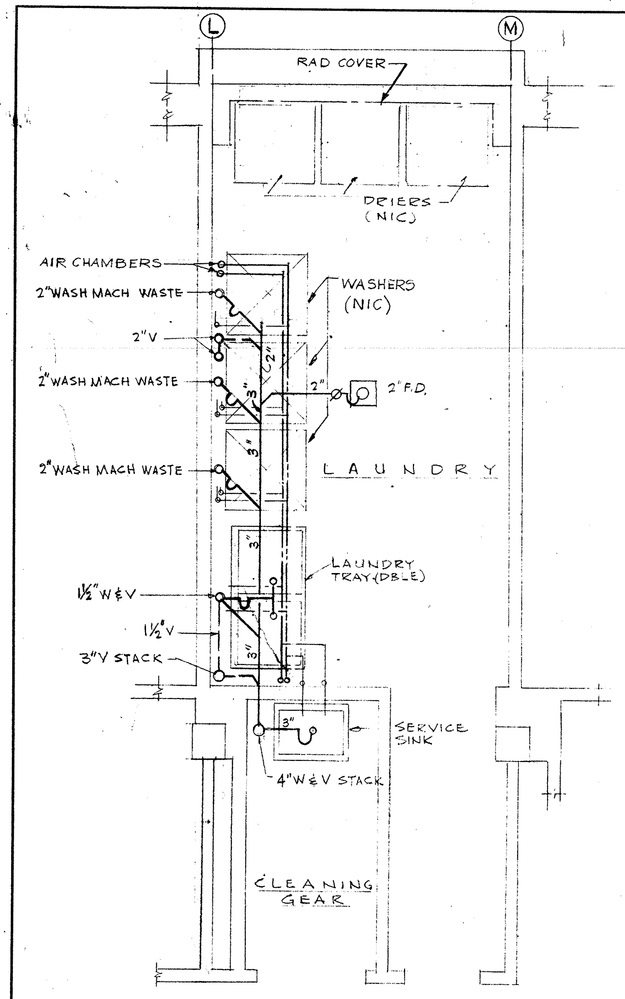
1. REFER TO DWG. NOS. 1,297,687 & 1,297,688 FOR RISER DIAGRAMS
2. REFER TO DWG. 1,297,687 FOR ENLARGE TOILET PLANS.
3. RISERS FOR INDIVIDUAL TOILETS MAY BE TO OPPOSITE HAND FROM ARRANGEMENT SHOWN ON RISER DIAGRAMS. PIPING ARRANGEMENT SHALL BE ADDITIONALLY MODIFIED TO SUIT INDIVIDUAL PIPE SPACE CONSTRUCTION.
4. (A) (B)
5. FOR "LEGEND"-KITCHEN UNITS SEE FEC DWG. NO. 1,297,685.

PWC DWG. NO. 18041-187

DIVISION NO.		DEPARTMENT OF THE NAVY — BUREAU OF YARDS & DOCKS — NORTHEAST DIVISION, BOSTON, MASS.
DES HPM	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.
DR BEA	SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK	SAN ENGR	SECOND THRU FIFTH FLOOR PLANS PLUMBING P.2
SUP EJM		
PROJ ENGR J.A. CIRILLO		
DIRECTOR O'CONNELL		
APPROVED E.S. Hartford Jr. 4/22/69 DIRECTOR FOR CHIEF OF BUREAU	DATE	CODE IDENT NO 80091 — SIZE F — FEC DRAWING NO. 1,297,686 — CONST CONTR No. N62464-68-C-0108
		SCALE GRAPHIC — SPEC 90596/68 — SHEET 30 OF 41

SATISFACTORY TO

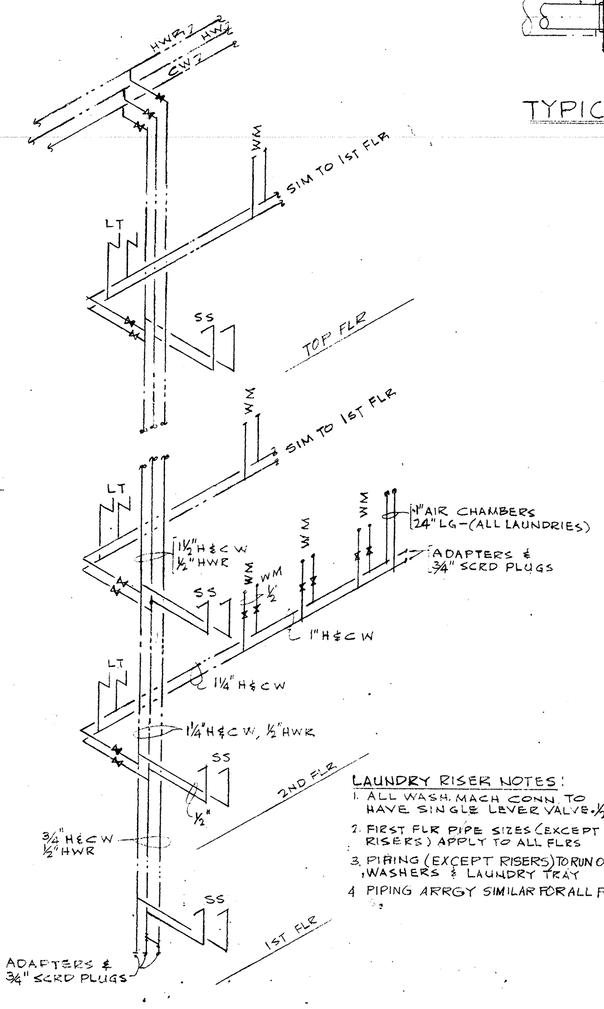
DATE



TYPICAL LAUNDRY ROOM

2ND, 3RD & 4TH FLRS - BID ITEM No 1 & 3B
2ND 3RD, 4TH & 5TH FLRS - BID ITEM No 2 & 3A

SCALE - ½" = 1FT



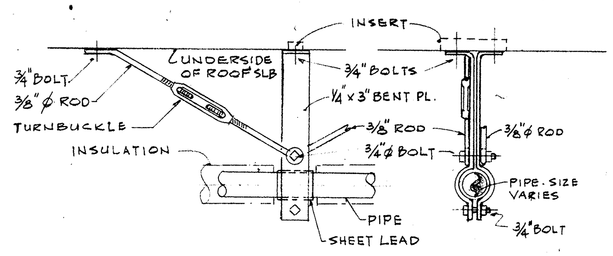
LAUNDRY RISER NOTES:

1. ALL WASH. MACH CONN. TO HAVE SINGLE LEVER VALVE, ½"
2. FIRST FLR PIPE SIZES (EXCEPT RISERS) APPLY TO ALL FLRS
3. PIPING (EXCEPT RISERS) TO RUN ON WALL BEHIND WASHERS & LAUNDRY TRAY
4. PIPING ARRGT SIMILAR FOR ALL FLOORS.

LAUNDRY RM H&C.W. RISER

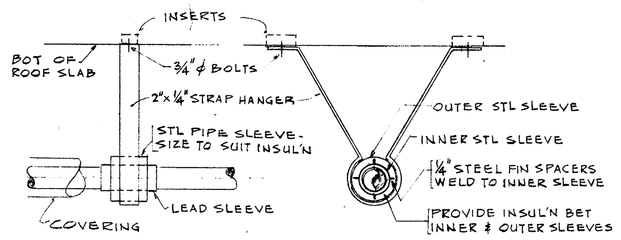
NO SCALE

3 LAUNDRY RMS. - BID ITEMS 1 & 3B
4 LAUNDRY RMS. - BID ITEMS 2 & 3A



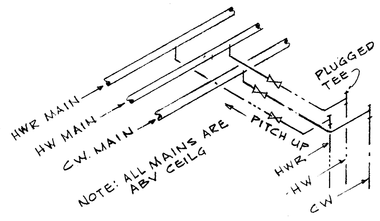
TYPICAL ANCHOR DETAIL

NOT TO SCALE



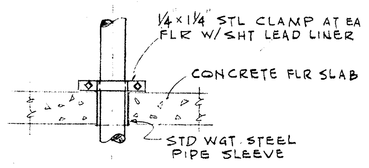
TYPICAL GUIDE DETAIL

NOT TO SCALE



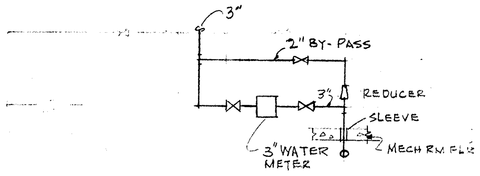
TYPICAL BRANCH CONN.

NOT TO SCALE



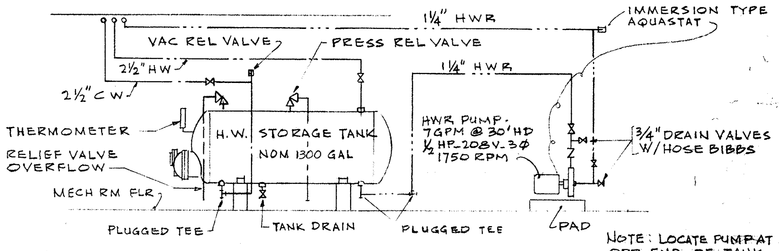
TYPICAL VERTICAL PIPE ANCHOR

NOT TO SCALE



C.W. SERVICE DETAIL

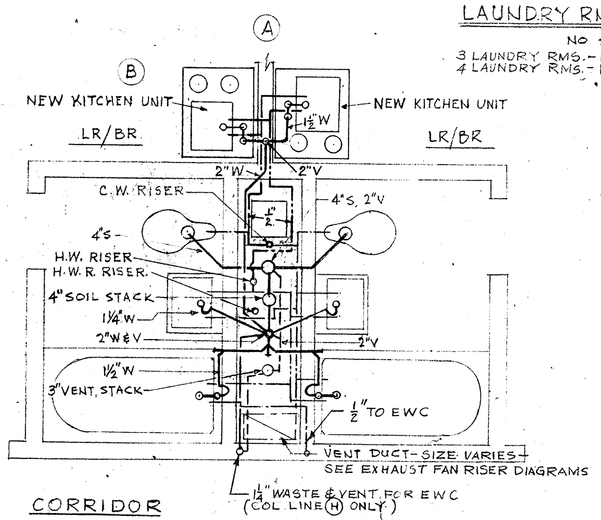
NOT TO SCALE



NOTE: LOCATE PUMP AT OPP END OF TANK

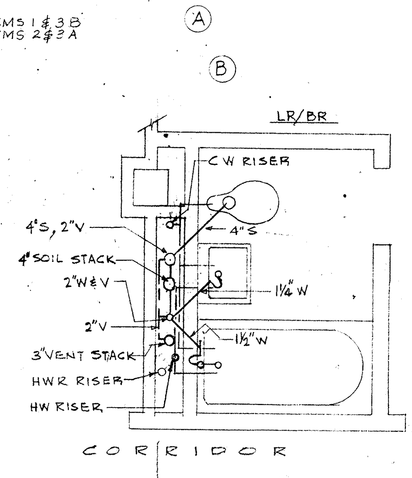
DIAGRAMMATIC PIPING ARRGT A HOT WATER STORAGE HEATER

NOT TO SCALE



TYPICAL BACK TO BACK TOILETS FOR LR/BR UNITS

SCALE - ½" = 1 FT



TYPICAL SINGLE TOILET FOR LR/BR UNITS

SCALE - ½" = 1FT

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED
A	ADDED NEW & FUTURE KITCHEN UNITS & PIPING	SHANNON	9-15-69	EJM
B	NEW KITCHEN UNIT & PIPING ADDED; NEW & FUTURE KITCHEN UNITS DELETED AMEND. NO. 3	SHANNON	12-1-69	

PWC DWG. NO. 18042-187

DIVISION NO.		DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS NORTHEAST DIVISION BOSTON, MASS.	
DES HPM	FIRE PROT HOLBROOK		
DR HPM	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.	
CHK	SAN ENGR	WAVES B.O.Q.	
SUP EJM		TOILETS & LAUNDRIES & PIPING DIAGRAMS & DETAILS P-3	
PROJ ENGR J.A. GIRILLO			
DIRECTOR O'CONNELL			
APPROVED DATE		FEC DRAWING NO. 1,291,687	
DIRECTOR FOR CHIEF OF BUREAU		CODE IDENT NO 80091	SIZE F
		CONST CONTR No N62474-68-C-0108	
		SCALE GRAPHIC	SPEC 90596/68 SHEET 31 OF 41

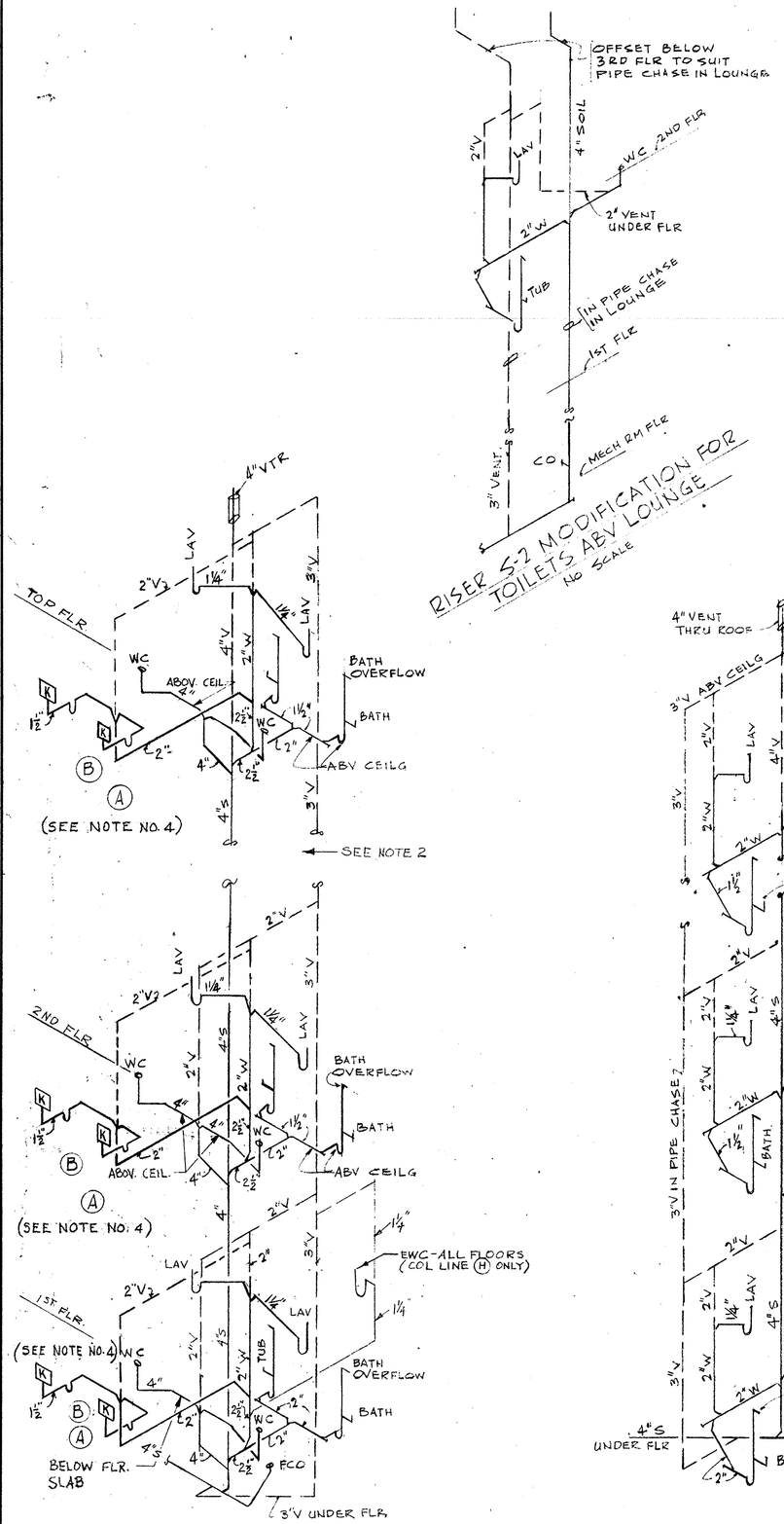
SATISFACTORY TO

DATE

NOTES

1. PIPING & FIXTURES SHALL BE PROVIDED FOR INTERMEDIATE FLOORS AS REQUIRED FOR A COMPLETE INSTALLATION IN ACCORDANCE WITH APPLICABLE BID ITEMS AS FOLLOW:
   a. BID ITEM 1 - 4 STORY BLDG. 152'-4" LG.
   b. BID ITEM 2 - 5 STORY BLDG. 152'-4" LG.
   c. BID ITEM 3A - 5 STORY BLDG. 165'-8" LG.
   d. BID ITEM 3B - 4 STORY BLDG. 165'-8" LG.
2. PIPING ARRGT FOR INTERMEDIATE FLOORS IS SIMILAR TO THAT SHOWN FOR 2ND FLR UNLESS NOTED OTHERWISE
3. FOR "LEGEND" - KITCHEN UNITS SEE FEC DWG. NO. 1,297,685.
4. DO NOT PROVIDE KITCHEN UNITS INCLUDING BRANCH WATER, VENT & SANITARY PIPING IN ROOMS 115A & 116A (1ST FL.) & ROOMS 03A & 04A (2ND THRU 5TH FLRS).

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED
A	ADDED PIPING FOR KITCHEN UNITS & NOTE NO. 3	LEVENTHAL	9-15-69	E.J.M
B	NOTES, NEW KITCHEN UNITS & PIPING ADDED	SHANNON	12-1-69	
	NEW & FUTURE KITCHEN UNITS DELETED AMEND. NO. 3			

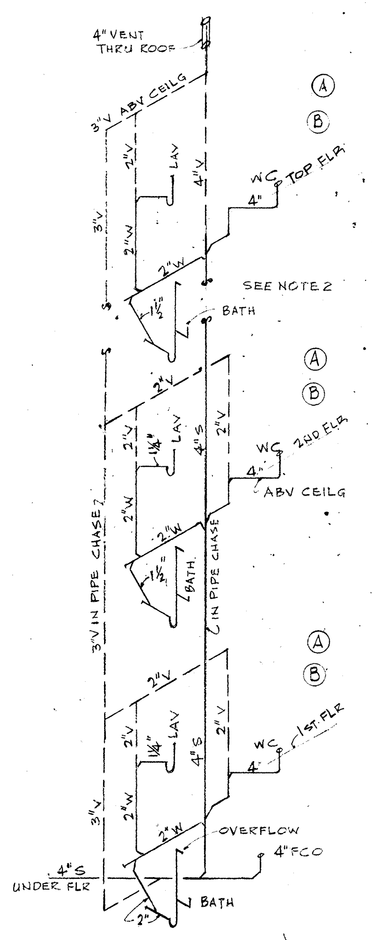


RISER S-1

TYPICAL FOR LR/BR UNITS WITH BACK-TO-BACK TOILETS

NO SCALE

(SEE NOTE 1)

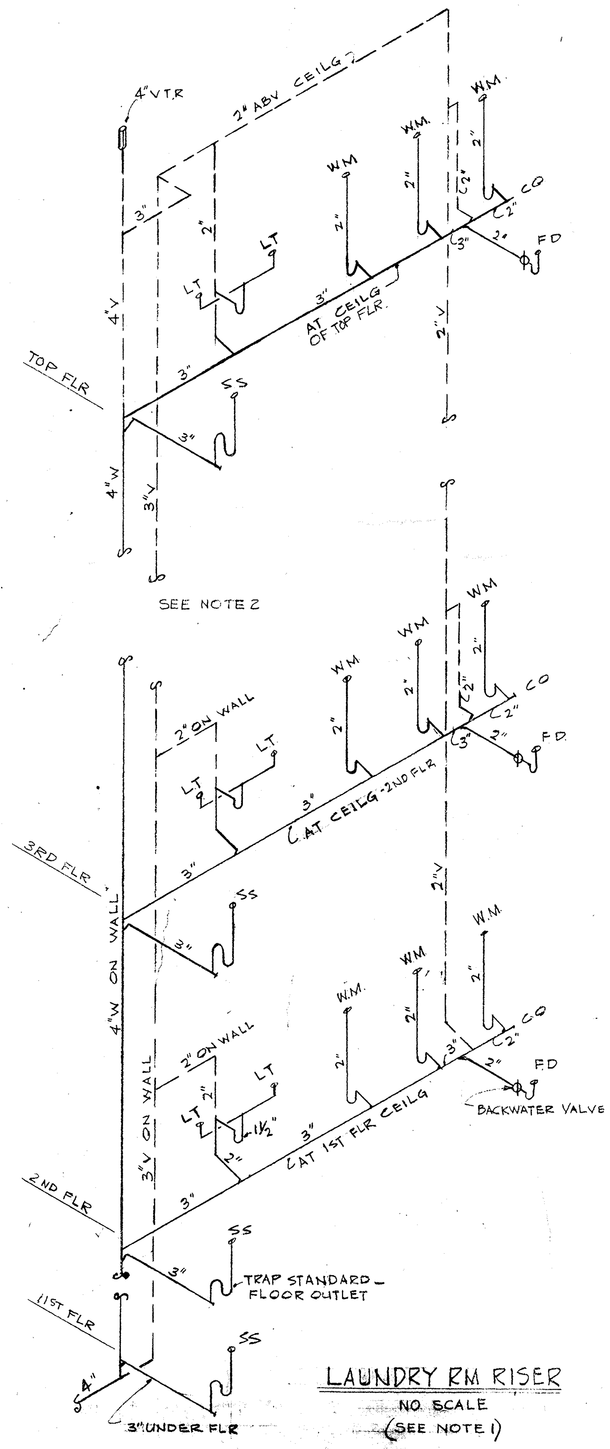


RISER S-2

TYPICAL FOR LR/BR UNITS W/O BACK-TO-BACK TOILETS

NO SCALE

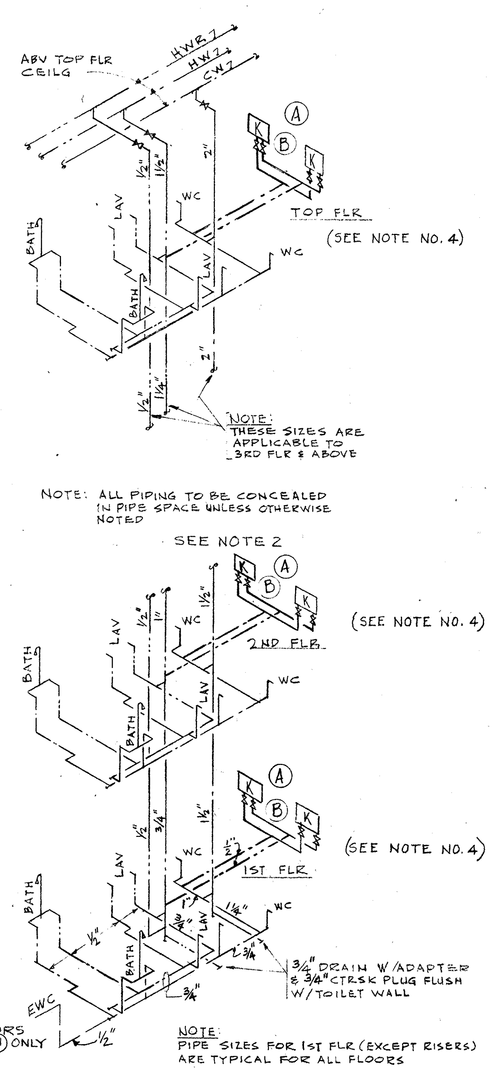
(SEE NOTE 1)



LAUNDRY RM RISER

NO SCALE

(SEE NOTE 1)

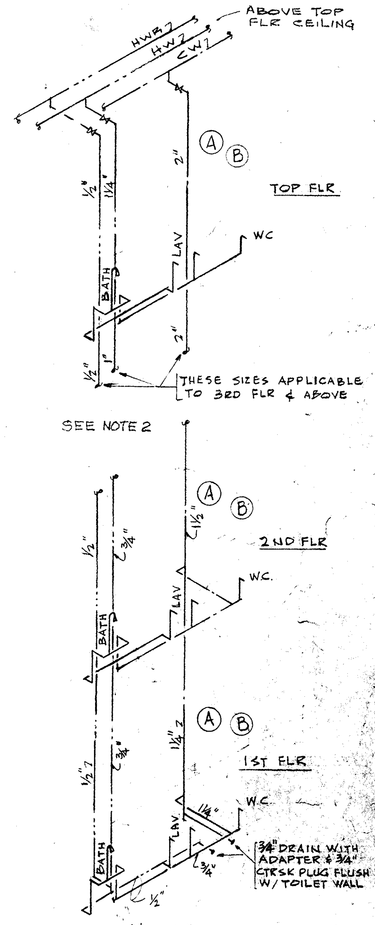


RISER W-1

TYPICAL FOR LR/BR UNITS W/BACK-TO-BACK TOILETS

NO SCALE

(SEE NOTE 1)



RISER W-2

TYPICAL FOR LR/BR UNITS W/O BACK-TO-BACK TOILETS

NO SCALE

SEE NOTE 1

PWC DWG. NO. 18043-187

DIVISION NO.	
DES H.P.M.	FIRE PROT HOLBROOK
DR H.P.M.	SAF ENGR HOLBROOK
CHK	SAN ENGR
SUP E.J.M.	
PROJ ENGR J.A. CIRILLO	
DIRECTOR O'CONNELL	
APPROVED (DATE) DIRECTOR FOR CHIEF OF BUREAU	

DEPARTMENT OF THE NAVY — BUREAU OF YARDS & DOCKS
NORTHEAST DIVISION
BOSTON, MASS.

NAVAL SCHOOL COMMAND NEWPORT, R.I.

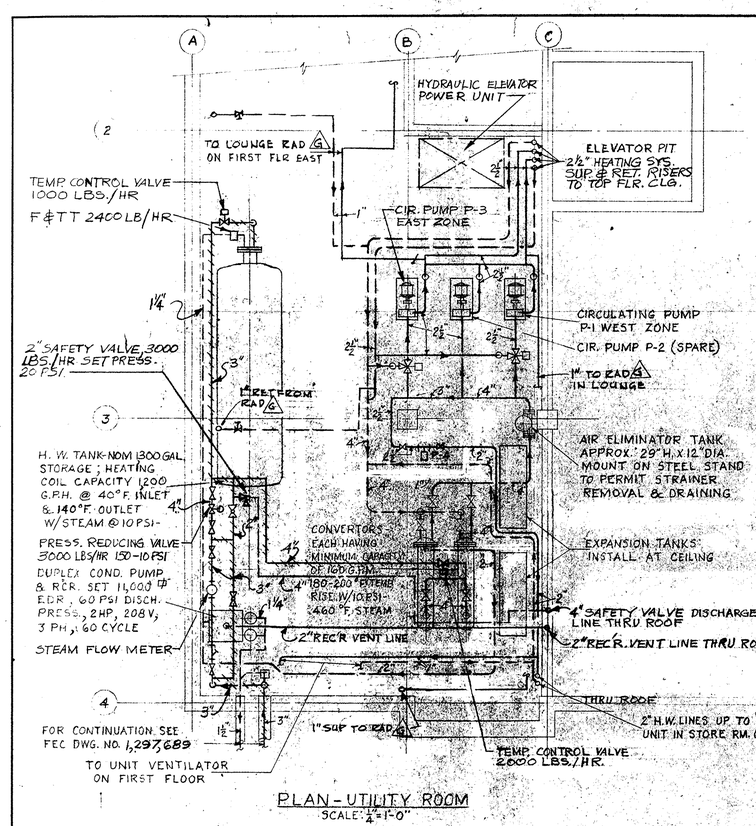
WAVES B.O.Q.

RISER DIAGRAMS WATER & WASTE P-4

CODE IDENT NO 80091	SIZE F	F.E.C. DRAWING NO. 1,297,688
SCALE	SPEC 90356/68	CONST CONTR NO N62461-68-C-0102 SHEET 32 OF 41

SATISFACTORY TO

DATE



PLAN - UTILITY ROOM
SCALE: ¼" = 1'-0"

PUMP SCHEDULE

SYMBOL	G.P.M.	HEAD PRESS.	RPM	H.P.	REMARKS
P-1	60	30'	1750	1	WEST ZONE - BASE MOUNTED
P-2	60	30'	1750	1	SPARE - BASE MOUNTED
P-3	60	30'	1750	1	EAST ZONE - BASE MOUNTED
P-4	70	24'	1750	¾	HTG. & VENT. UNIT & UNIT VENTILATORS - IN-LINE

RADIATION RUN-OUT SCHEDULE

G.P.M.	PIPE SIZE
0-1.5	½"
1.5-2.2	¾"
2.2-7	1"

FINNED TUBE RADIATION SCHEDULE (190° AVE. WATER TEMP.)

SYMBOL	ROWS	BTU/LF	SIZE	MATERIAL	FIN TUBE LENGTH	HEIGHT OF COVER
A	1	1160	16"X4½"X4½"X40	STEEL	7'-6"	14"-16"
B	1	1160	14"X4½"X4½"X40	STEEL	9'-6"	14"*
C	1	1160	12"X4½"X4½"X40	STEEL	3'-6"	14"
D	1	1160	12"X4½"X4½"X40	STEEL	5'-6"	14"
E	2	1620	14"X4½"X4½"X40	STEEL	9'-6"	20"-21"
F	2	1620	12"X4½"X4½"X40	STEEL	4'-0"	20"
G	2	"	"	"	11'-6"	16" TOP OUTLET

* 20" FOR LR/BR 01A & 11A

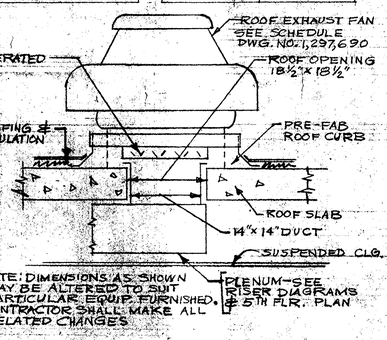
CONVECTOR SCHEDULE (190° AVE WATER TEMP.)

SYMBOL	BTU/HR	SIZE LENGTH	SIZE DEPTH	SIZE HEIGHT	REMARKS
1	10,700	56"	8"	14"	FLAT TOP WALL HUNG, FRONT OUTLET
2	12,100	64"	6"	32"	SEMI-RECESSED; GRILLED INLET
3	10,800	48"	8"	32"	FLAT TOP-WALL HUNG

UNIT VENTILATORS — CLASSROOM TYPE

SYMBOL	BTU/HR	C.F.M. STD. AIR	% OUT-DOOR AIR	FAN R.P.M.	SIZE LENGTH	SIZE DEPTH	SIZE HEIGHT	MOTOR
1	38,800	500	50	640	58"	9¾	28"	½ HP; 115 V 1Ø, 60 CYC.

DESIGN CONDITIONS: TEMP. OUTSIDE AIR - 0°F.
TEMP. ROOM AIR - 70°F.
TEMP. WATER ENTERING HTG. COIL - 200°F.
TEMP. WATER LEAVING HTG. COIL - 190°F.



NOTE: DIMENSIONS AS SHOWN MAY BE ALTERED TO SUIT PARTICULAR EQUIP. FURNISHED. CONTRACTOR SHALL MAKE ALL RELATED CHANGES

ROOF FAN DETAIL

NO SCALE

EXH. FAN SCHEDULE

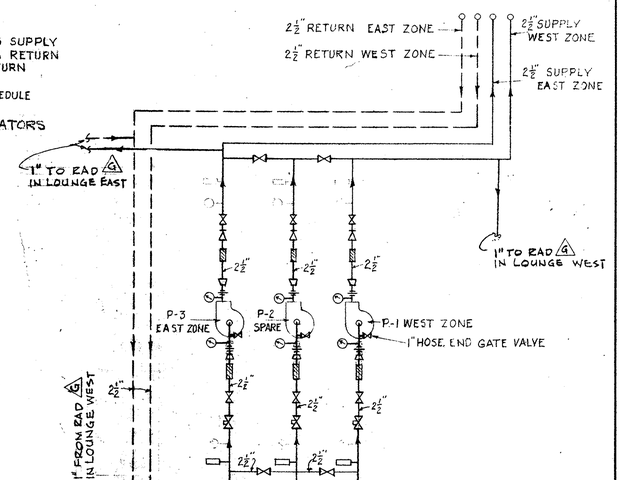
SYMBOL	LOCATION	CFM	S.P.	RPM	H.P.	REMARKS
EF-1	ROOF	600	¼"	1140	½	CENTRIFUGAL TYPE DIRECT DRIVE WITH PRE-FAB CURB & MO DAMPERS
EF-2	"	1125			¼	
EF-3	"	1500			¼	
EF-4	"	"				
EF-5	"	"				
EF-6	"	"				
EF-7	"	1750	⅛	1550	⅓₀	2-SPEED
EF-8	MECH. RM.	2100	⅛	1140	⅛	PROP. TYPE AUTO SHUTTERS, LH. THERMOSTAT

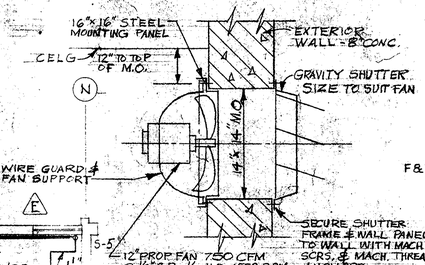
LEGEND

- GATE VALVE
- GLOBE VALVE
- CHECK VALVE
- BALANCING COCK
- PRESSURE REDUCING VALVE
- TEMPERATURE CONTROL VALVE
- MOTOR OPERATED 3-WAY VALVE
- INDICATING PRESSURE GAGE
- INDUSTRIAL THERMOMETER
- FLEXIBLE CONNECTOR
- BUCKET TRAP
- F&TT-FLOAT & THERMOSTATIC TRAP
- SAFETY VALVE
- RELIEF VALVE
- REDUCER
- UNION
- STRAINER
- STEAM LINE
- HOT WATER HEATING SUPPLY
- HOT WATER HEATING RETURN
- CONDENSATE RETURN
- ANCHOR
- (A) FINNED TUBE RADIATOR - SEE SCHEDULE
- (I) SYMBOL FOR CONVECTOR
- [1] SYMBOL FOR UNIT VENTILATORS
- (A) AUTOMATIC AIR VENT
- (V) VACUUM BREAKER
- BALANCING VALVE

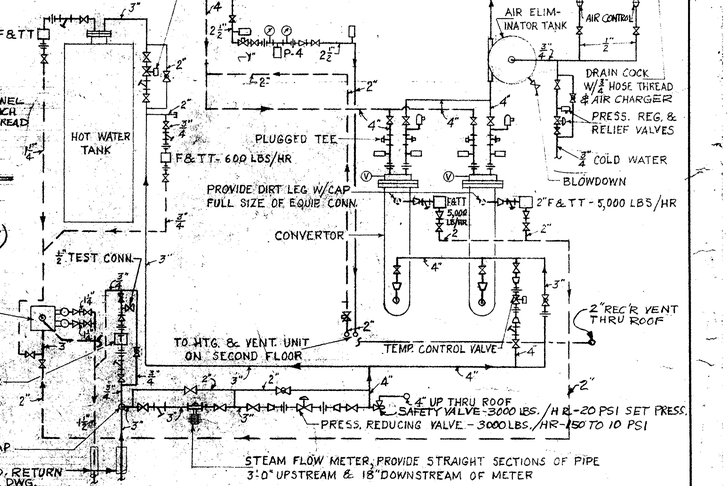
REVISION

SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED

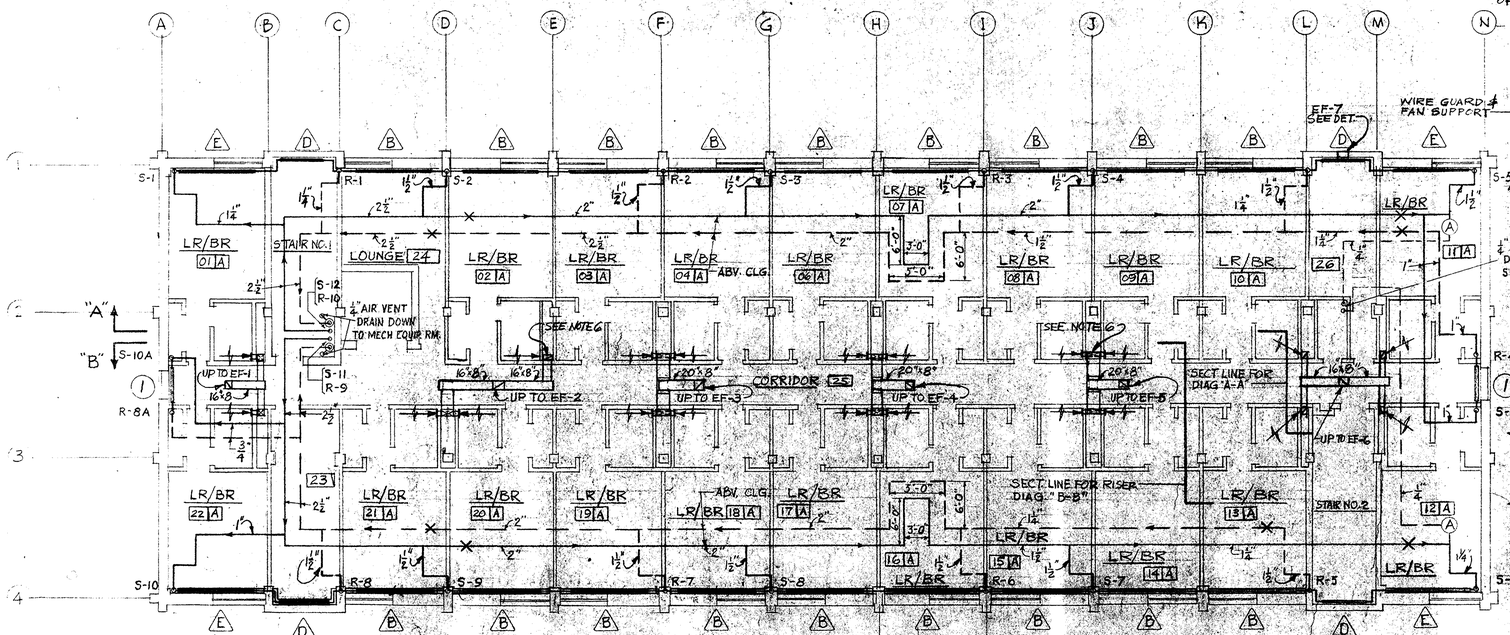




TYPICAL LAUNDRY EXHAUST FAN
NO SCALE
(MECH. RM. FAN SIMILAR)



SCHEMATIC ARRGT. OF STEAM & HOT WATER PIPING IN UTILITY ROOM
NO SCALE



FIFTH FLOOR PLAN*
SCALE: ⅛" = 1'-0"

* SEE NOTE 4 & "BID ITEM SUMMARY"

BID ITEM SUMMARY

BID ITEMS AS NUMBERED PROVIDE FOR CONSTRUCTION AS FOLLOWS:
ITEM 1 & 1-4 STORY BLDG. 152'-4" LG.
" 2 & 2-5 " " 182'-4" LG.
" 3 & 3A-5 " " 152'-8" LG.
" 3B & 4 " " 182'-8" LG.
* REFLECTS ADDED COST OF TERRACE AND DOES NOT AFFECT WORK SHOWN

GRAPHIC SCALES

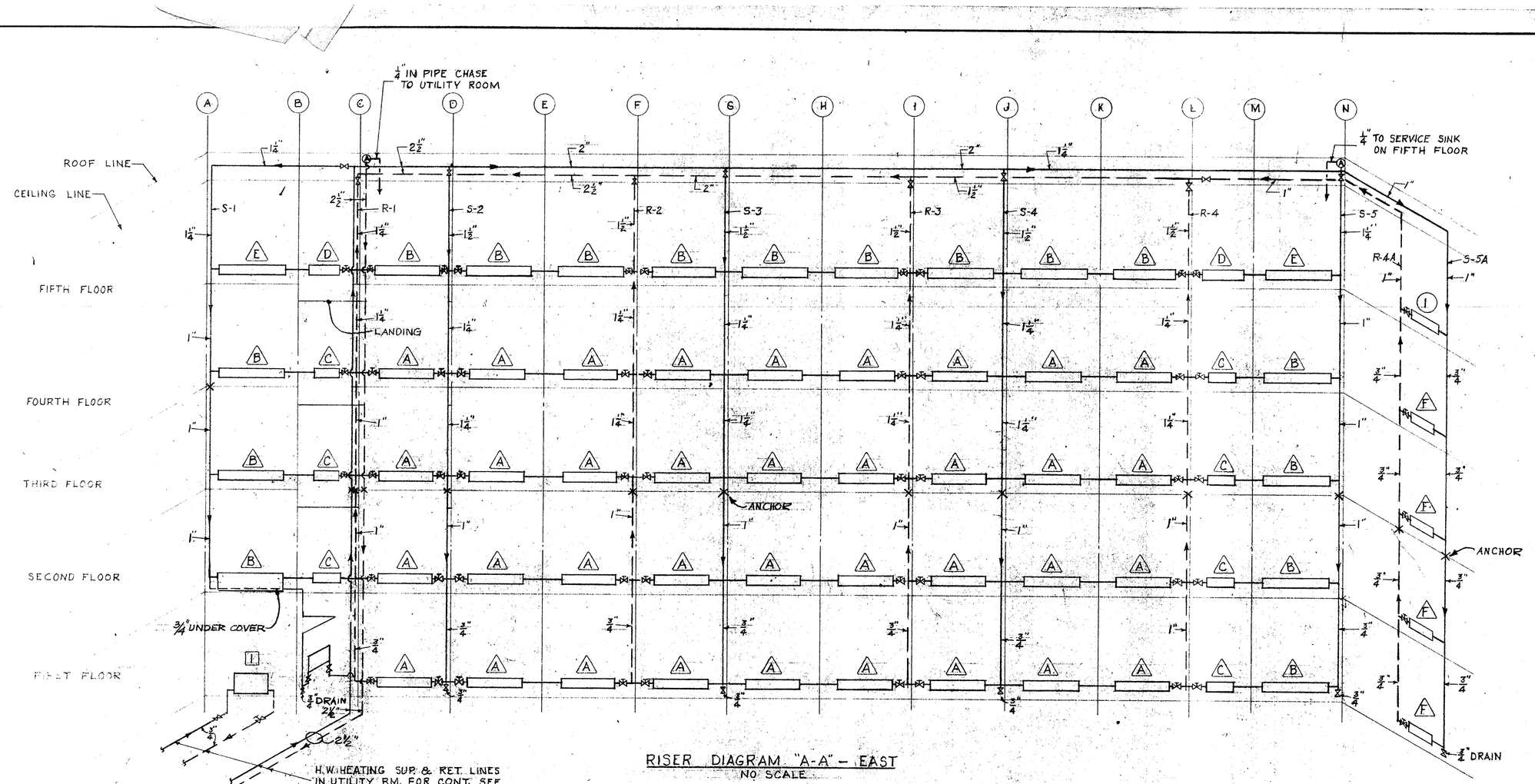
⅛" = 1'-0" 0' 3' 10' 20' 30' 40'
¼" = 1'-0" 0' 5' 15' 20'

NOTES:
1. FOR AIRST THRU FOURTH FLOOR PLANS SEE FEC DWG. NO. 1,297,690
2. FOR RISER DIAGRAMS SEE FEC DWG. NO. 1,297,692
3. FOR STEAM & CONDENSATE SERVICES TO UTILITY ROOM SEE FEC DWG. NO. 1,297,689
4. FLOOR PLAN AS SHOWN IS APPLICABLE TO BID ITEM 3A (5 STORIES, 165'-8" LONG). FOR APPLICABLE TO BID ITEMS 1, 2 & 3B, SEE ARCHITECTURAL DRAWINGS.
5. DUCTWORK SHOWN ON THIS DRAWING IS ABOVE 5TH FLOOR CEILING; FOR DUCTWORK ON OTHER FLOORS SEE APPLICABLE PLANS & VENT RISER DIAGRAMS
6. ALL EXHAUST FAN RISERS SHALL HAVE LONG DIMENSIONS PARALLEL TO SIDES OF PIPE SPACE

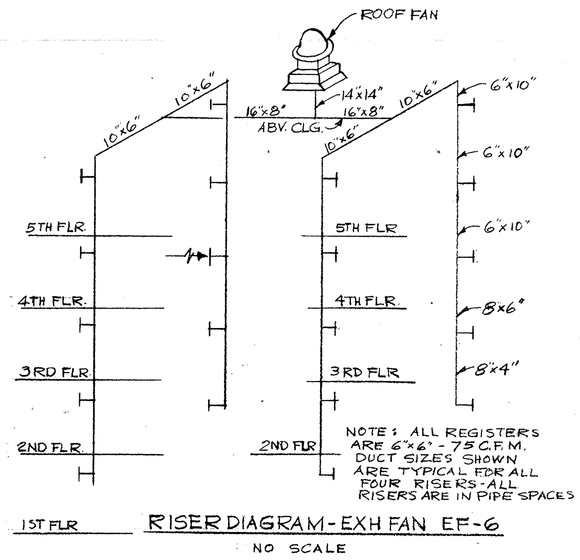
CFD NO.		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.	
DES H.M.	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.	
DR W.S.	SAF ENGR HOLBROOK	WAVES B.O.Q.	
CHK H.M.	SAN ENGR	FLOOR PLAN SCHEDULES & DETAILS HEATING & VENTILATING H-3	
SUP E.M.			
PROJ ENGR J.A. CIRILLO			
DIRECTOR O. KONNELL			
APPROVED	DATE	CODE IDENT NO 80091	SIZE F
CFD FOR COMMANDER NFEC		FEC DRAWING NO. 1,297,691	
		CONST. CONTR. NO. N62474-68-C0108	
		SCALE GRAPHIC	SPEC 90596/68
		SHEET 35 OF 41	

PWC Dwg No. 18046-187

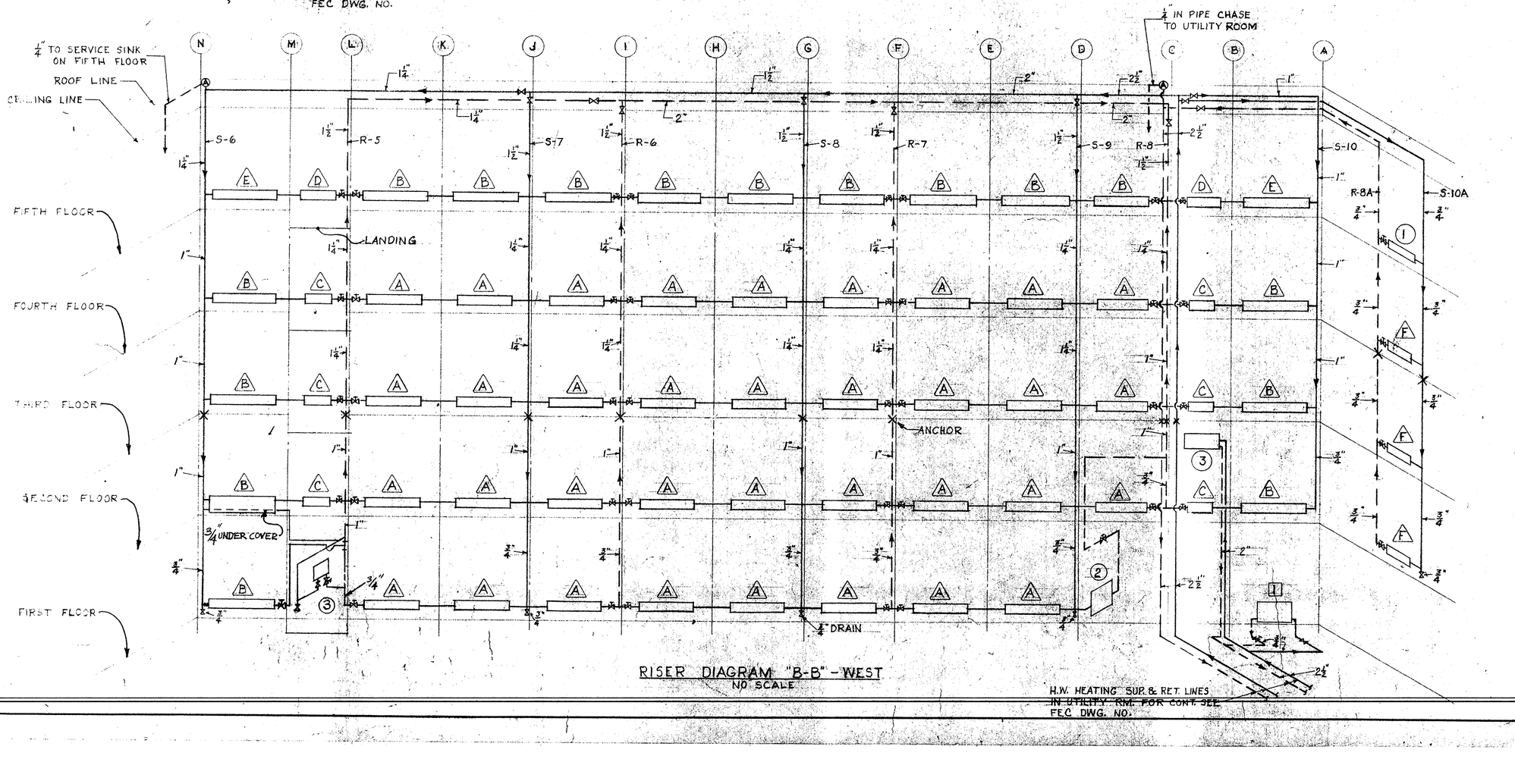
REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



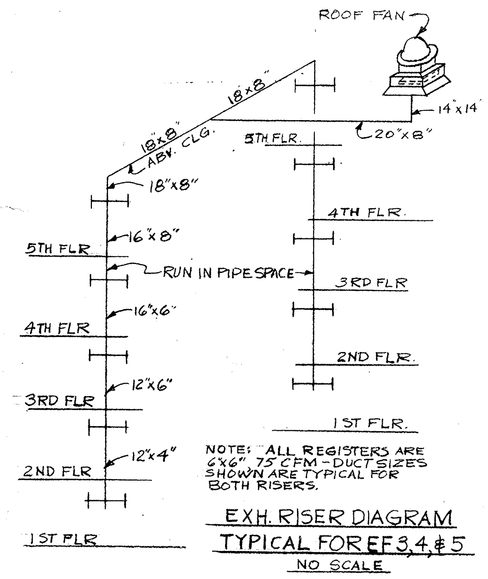
RISER DIAGRAM "A-A" - EAST
NO SCALE



RISER DIAGRAM - EXH FAN EF-6
NO SCALE



RISER DIAGRAM "B-B" - WEST
NO SCALE



EXH. RISER DIAGRAM
TYPICAL FOR EF 3, 4, & 5
NO SCALE

NOTES:

FOR UTILITY ROOM & FIFTH FLOOR PLANS & LEGEND SEE F.E.C. DWG. NO. 1,297,690
FOR FIRST THRU FOURTH FLOOR PLANS SEE FEC DWG. NO. 1,297,689
FOR LEGEND SEE FEC DWG. NO. 1,297,691

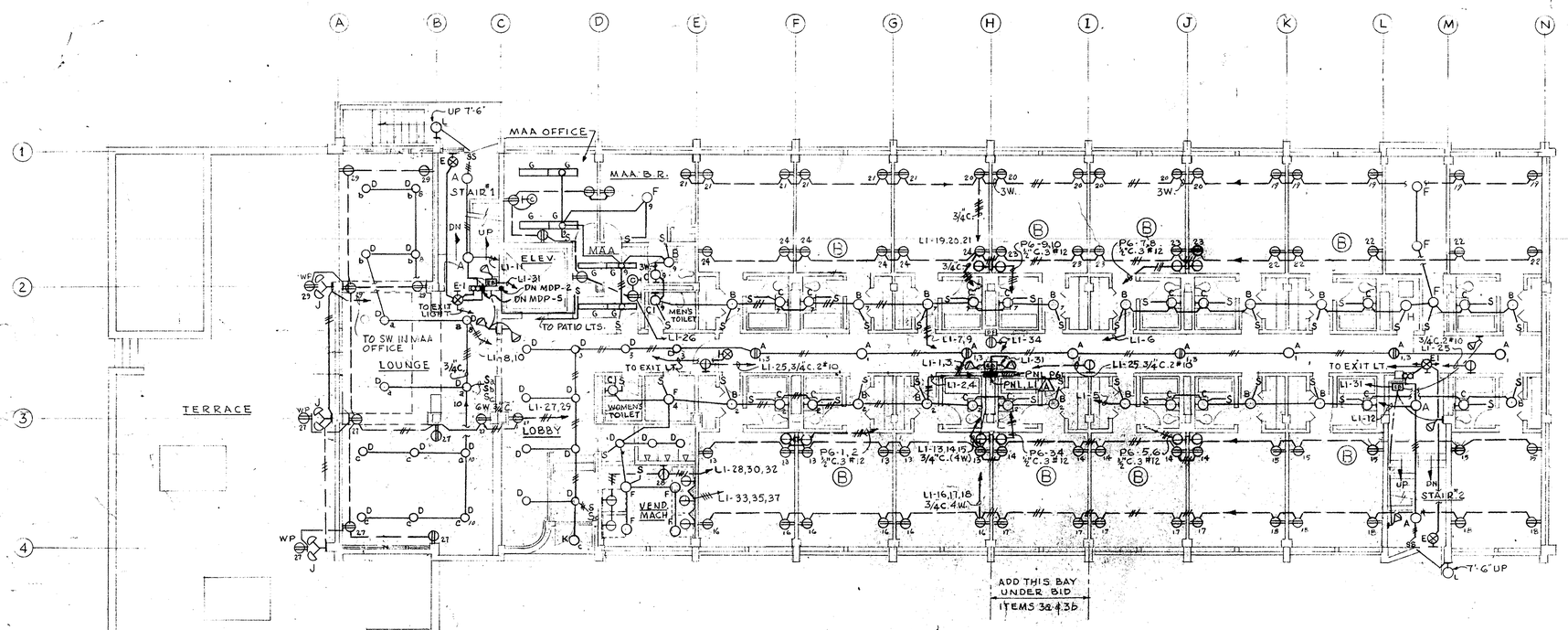
CFD NO.		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES H.M.	FIRE PROT HOLBROOK	
DR W.S.	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND NEWPORT, R.I.
CHK H.M.	SAN ENGR	WAVES B.O.Q.
SUP E.M		RISER DIAGRAMS
PROJ ENGR J.A. CIRILLO		HEATING HV-4
DIRECTOR O'CONNELL		
APPROVED E.S. Hartford Jr. 4/21/69 CFD FOR COMMANDER NFEC	DATE	CODE IDENT NO 80091 · SIZE F · FEC DRAWING NO. 1,297,692 · CONST. CONTR. NO. N62464-68-C0108
		SCALE GRAPHIC · SPEC 90596/68 · SHEET 36 OF 41

PWC Dwg. No. 18047-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED
A	ADDED KITCHEN UNITS & REVISED ELECT. REQMTS TO SUIT	PRINCE	9/10/69	
B	REVISED KITCHEN UNITS, RISER DIAGRAM, BSMT PLAN AMEND. 1 "S"	MULCAHY	12/1/69	

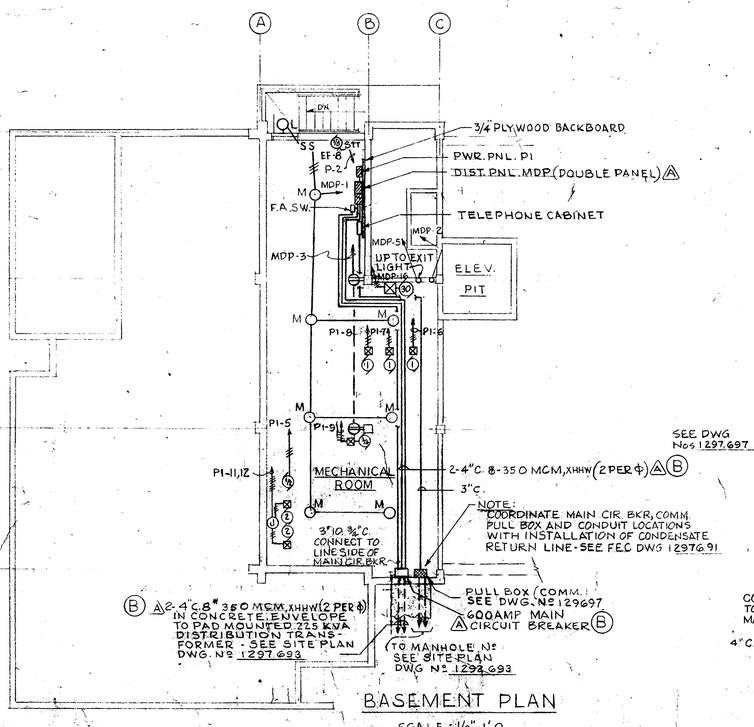
LEGEND

- INCANDESCENT FIXTURE, CEILING MOUNTED "B" INDICATES FIXTURE TYPE, & INDICATES SWITCH CONTROL
- FLUORESCENT FIXTURE
- WALL MOUNTED INCANDESCENT FIXTURE
- SINGLE RECEPTACLE
- WP DUPLEX RECEPTACLE, WP INDICATES WEATHERPROOF
- DRYER RECEPTACLE, 250V. 3P. 30 AMP
- EMERGENCY LIGHTING UNIT
- EXIT LIGHT
- S_2 SINGLE POLE SWITCH, 2 INDICATES SWITCH CONTROL
- S_{TT} MOTOR STARTER SWITCH WITH TERMAL OVERLOAD PROTECTION
- (C) CLOCK OUTLET 6'-0" ABOVE FLOOR
- FLOODLIGHTING FIXTURE
- JUNCTION BOX — SIZE AS REQUIRED
- MOTOR STARTER
- MOTOR OUTLET, HORSEPOWER INDICATED
- FUSED DISCONNECT SWITCH
- HOMERUN TO PANEL INDICATED
- PANELBOARD, FLUSH MOUNTED (LTG) (POWER) (A)
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN



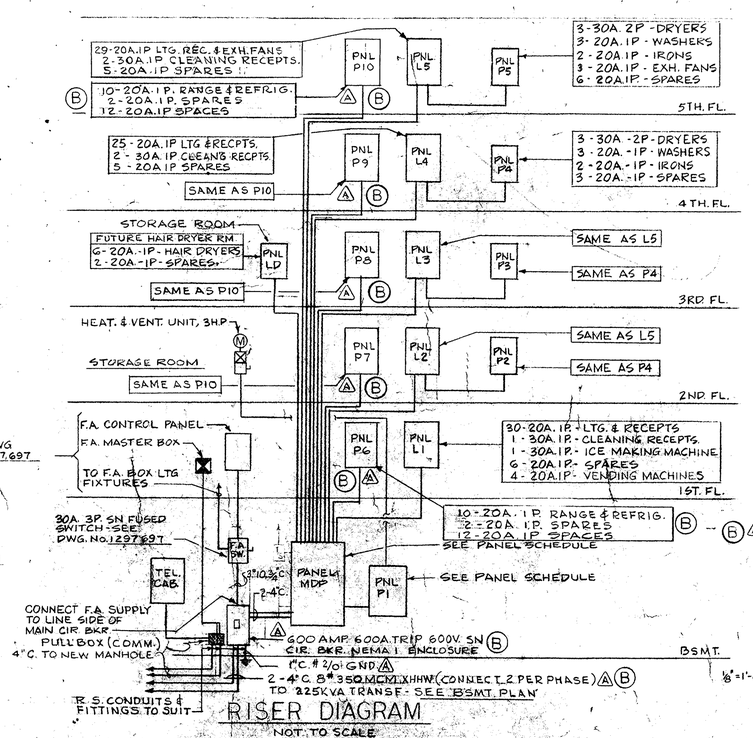
FIRST FLOOR PLAN

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



BASEMENT PLAN

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



RISER DIAGRAM

NOT TO SCALE

MAIN DISTRIBUTION PANEL - MDP

120/208V. 3ϕ 4W, SN 600A. MAINS - M.L.O. SURFACE MT'D. (DOUBLE PANEL) (A)

CIR. No.	APPLICATION	BREAKERS CLASS	BREAKERS TRIP	BREAKERS POLE	FEEDERS COND	FEEDERS WIRE	CONNECTED H.P.	CONNECTED K.W.
1	MECH. EQUIP. RM. LTG	2a	20A	1	1/2"	2#12		1.5
2	OUTSIDE PATIO LTG.							.9
3	MECH EQUIP. RM. RECPT							
4	PARKING LOT LGTS			2	1"	2#8		1.6
5	EXIT LIGHTING			1	1/2"	2#12		
6	SPARE							
7	SPARE							
8	SPARE							
9	DRYER PANEL LD	3b	70A.	3	1 1/2"	4#4		6
10	PANEL L1		125A.		2"	4#1		35
11	PANELS L2 & P2		150A.		2"	4#1/0		54
12	PANELS L3 & P3		150A.		2"	4#1/0		54
13	PANELS L4 & P4		150A.		2 1/2"	4#3/0		54
14	PANELS L5 & P5		150A.		2 1/2"	4#3/0		55
15	POWER PANEL P1		100A		2"	4#2		15
16	ELEVATOR		125A.		1 1/2"	3#1	30	22
17	KITCHEN UNIT PNL P6		70A		1 1/2"	4#4		
18	P7		70A		1 1/2"	4#4		
19	P8		70A		1 1/2"	4#4		
20	P9		70A		1 1/2"	4#4		
21	P10		70A		1 1/2"	4#4		
22	SPARE		100A					
23	SPACE							

POWER PANEL - P1

120/208V. 3ϕ 4W, SN 225A. MAINS - M.L.O. SURFACE MT'D.

CIR. No.	APPLICATION	BREAKERS CLASS	BREAKERS TRIP	BREAKERS POLE	FEEDERS COND	FEEDERS WIRE	CONNECTED H.P.	CONNECTED K.W.
1	SPARE	2b	20	1				
2	EXHAUST FAN EF-8		20	1	1/2"	2#12	1/8	
3	SPARE		20	1				
4	SPARE		20	1				
5	H.W. TANK CIRCULATOR	2c	20	3	1/2"	3#12	1/2	
6	CIRC. PUMP P1		20	3	1/2"	3#12	1	
7	CIRC. PUMP P2		20	3	1/2"	3#12	1	
8	CIRC. PUMP P3		20	3	1/2"	3#12	1	
9	UNIT VENT PUMP P4		20	3	1/2	3#12	3/4	
10	SPARE		20	3				
11	CONDENSATE PUMP		20	3	1/2"	3#12	2	
12	CONDENSATE PUMP		20	3	1/2"	3#12	2	
13	HEAT & VENT UNIT		20	3	1/2"	3#12	3	
14	SPARE		20	3	-	-	-	
15	SPACE			3				
16	SPACE			3				

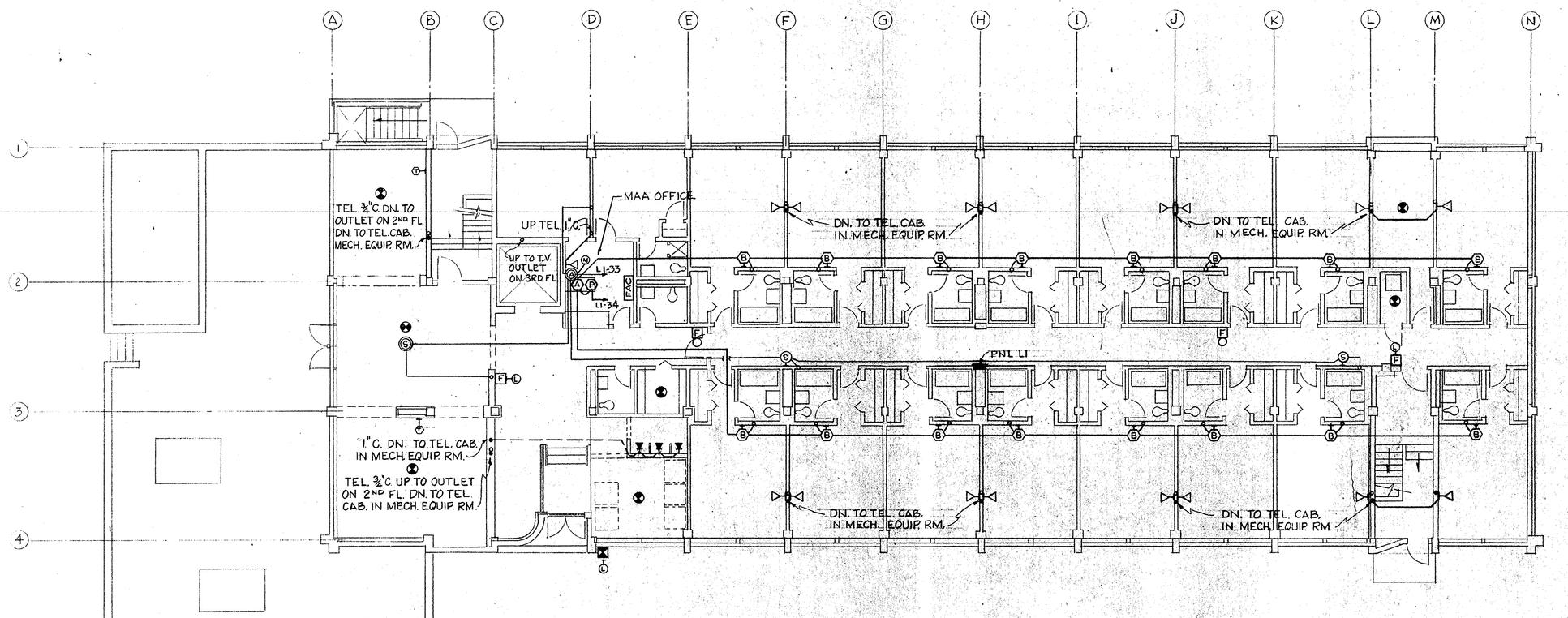
GRAPHIC SCALE

1/8"=1'-0" 0 5 10' 20' 30' 40'

PWC DWG. NO. 18049-187

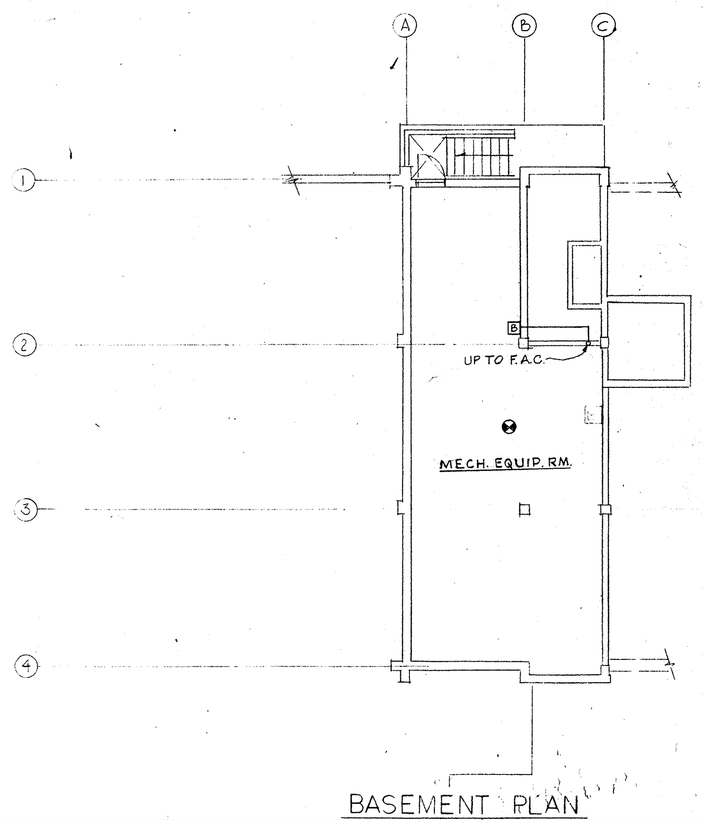
EFD NO. NBN-245/E-2		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES. PRINCE	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND, NEWPORT R.I.
DR MULCAHY	SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK	SAN ENGR	FIRST FLOOR - LIGHTING AND POWER
SUP		ELECTRICAL E-2
PROJ ENGR J.A. CIRILLO		
DIRECTOR O'Connell		
APPROVED DATE 4/12/69 CFD FOR COMMANDER NFEC		CODE IDENT NO 80091 SIZE F FEC DRAWING NO. 1297 694
		CONST. CONTR. NO. N62472-69-C-0108
SCALE GRAPHIC	SPEC 90596/68	SHEET 38 OF 41

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



FIRST FLOOR PLAN

SCALE: ⅛"=1'-0"



BASEMENT PLAN

SCALE: ⅛"=1'-0"

LEGEND

- FAC — FIRE ALARM CONTROL PANEL AND ANNUNCIATOR
- AUTOMATIC FIRE DETECTION (NUMBER OF DETECTORS AS REQ'D.)
- FIRE ALARM STATION WITH RED LIGHT OVER
- FIRE ALARM BELL
- FIRE ALARM MASTER BOX
- FIRE ALARM CONTROL PANEL
- Ⓐ ANNUNCIATOR (SIGNALLING SYSTEM)
- Ⓑ BUZZER & P.B. FLUSH MOUNTED ℄ 5'-0" UP
- Ⓟ POWER SUPPLY (ENCLOSED TYPE, TRANSFORMER) 115/24V. A.C
- TELEPHONE OUTLET (FOR FUTURE TELEPHONE-PRIVATE)
- TELEPHONE OUTLET (PUBLIC)
- Ⓢ SPEAKER OUTLET, WALL MOUNTED
- Ⓢ SPEAKER OUTLET, CEILING MOUNTED
- Ⓐ AMPLIFIER (SOUND SYSTEM) 50 WATTS
- Ⓜ MICROPHONE
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- Ⓣ TELEVISION OUTLET
- AREA TO BE FIRE PROTECTED, NUMBER OF DETECTORS AS REQ'D

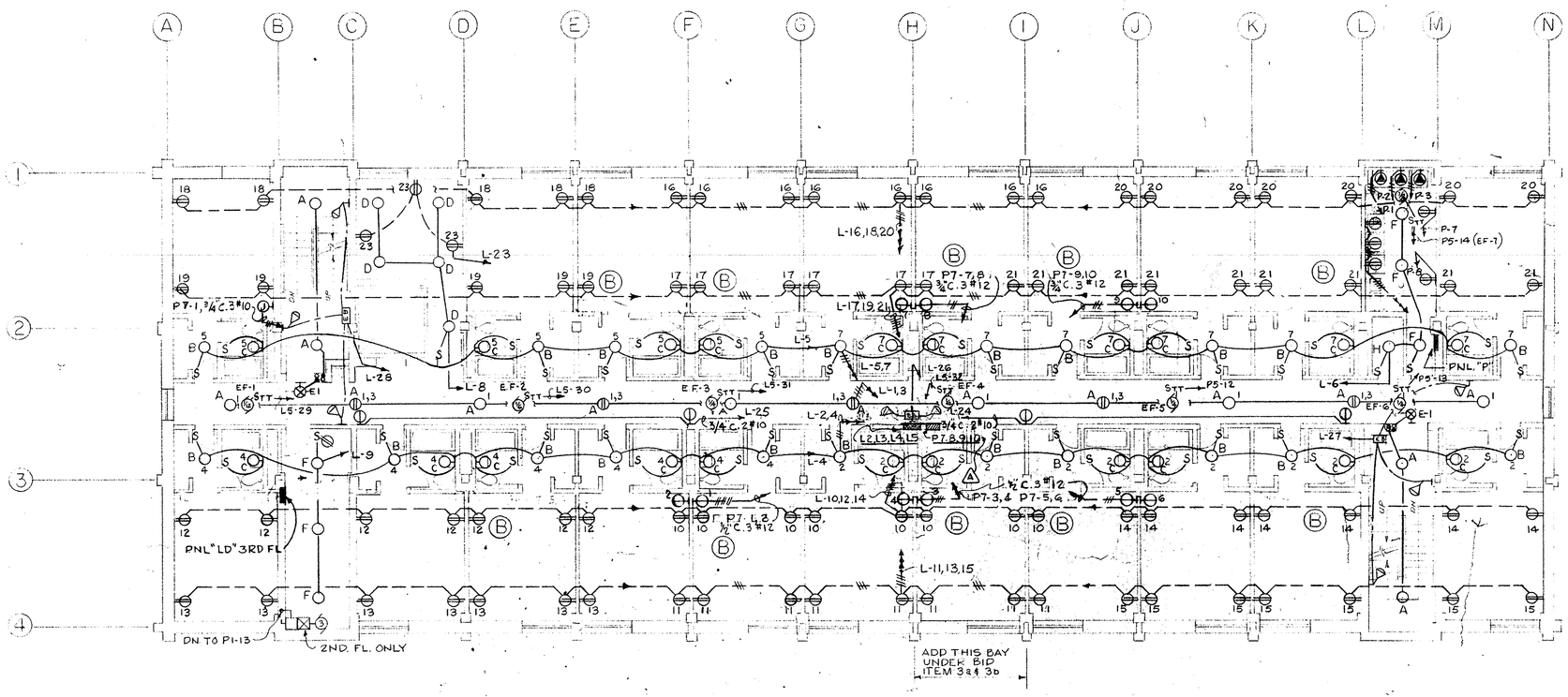
GRAPHIC SCALE

⅛"=1'-0" 0' 5' 10' 20' 30' 40'

EFD NO. NBN-245/E-3		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES PRINCE	FIRE PROT HOLBROOK	
DR MULCAHY	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND, NEWPORT, R.I.
CHK	SAN ENGR	WAVES B.O.O.
SUP		FIRST FLOOR - SYSTEMS PLAN
PROJ ENGR J.A. CIRILLO		ELECTRICAL E-3
DIRECTOR O'CONNELL		
APPROVED E.S. Hartford Jr. 4/22/71 DATE	CODE IDENT NO 80091	SIZE F — FEC DRAWING NO. 1297695
CFD FOR COMMANDER NFEC		CONST. CONTR. NO. N62464-68-C-0108
	SCALE GRAPHIC	SPEC 90596/68 — SHEET 39 OF 41

PWC DWG. No. 18050-187

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED
A	ADDED KITCHEN UNITS & REVISED ELECT. REQMTS TO SUIT	PRINCE	9/10/69	
B	REVISED KITCHEN UNITS, AMEND. #3	MULCAHY	12/1/69	



SECOND-THIRD; FOURTH-FIFTH FLOOR PLAN

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

PORCELAIN

FIXTURE "H"

100W. I.F. LAMP

SILVER SPRAY FINISH

HIGH TEMPERATURE SILICONE-RUBBER WEATHERSEAL

FIXTURE "J"

150 W. PAR 38/FL

11 7/8" DIA.

SATIN OPAL GLASS WITH RIBBED PATTERN

NOTE: WHERE FIXTURE "A" IS INDICATED AS NIGHT LIGHT, WIRE FOR 2 CIRCUIT OPERATION

FIXTURE "A"

2-60 WATT I.F. LAMPS

SATIN WHITE ENDS WITH SATIN OPAL WHITE GLASS

FIXTURE "C-1"

2-60W. I.F. LAMPS

5 1/8"

9 1/4"

SATIN CHROME (PERFORATED)

FIXTURE "D"

150W. R-40 LAMP

12"

3 1/2"

16 GAUGE ZINC COATED STEEL

CAST ALUMINUM TRIM

ASYMMETRIC LENS

FIXTURE "K"

150 W. I.F. LAMP

SATIN CHROME FINISH

SATIN FINISHED FLUTED GLASS

FIXTURE "B"

1-100 W. I.F. LAMP

WHITE LETTERS ON RED BACKGROUND

EXIT

DOWNLIGHT

FIXTURE "E" & "E-1"

2-25 W. I.F. LAMPS

FIXTURE E - BACK MOUNTED

FIXTURE E-1 - END MOUNTED

BAKED WHITE ENAMEL

ACRYLIC LENS

FIXTURE "G"

2-F40CW R.S.

SATIN ALUMINUM FINISH

8" ±

5" ±

BREAKPROOF OPAL PRISMATIC CYLINDER

4 3/4"

NOTE: WHERE FIXTURE "L" IS LOCATED OVER F.A. BOX, USE RED GLOBE, 25W LAMP

FIXTURE "L"

150 W. I.F. LAMP

SATIN WHITE ENDS WITH WITH DRAPES ON CLEAR GLASS AND AMBER ICE

CONVENIENCE OUTLET REQD

FIXTURE "C"

2-60W. I.F. LAMPS

SATIN ALUMINUM FINISH

WHITE OPAL GLASS (HINGED)

FIXTURE "F"

4-60 W I.F. LAMPS

VENTILATED NECK

PORCELAIN ENAMELED RLM DOME REFLECTOR

FIXTURE "M"

200 W I.F. LAMP

GRAPHIC SCALE

1/8" = 1'-0" 0' 5' 10' 20' 30' 40'

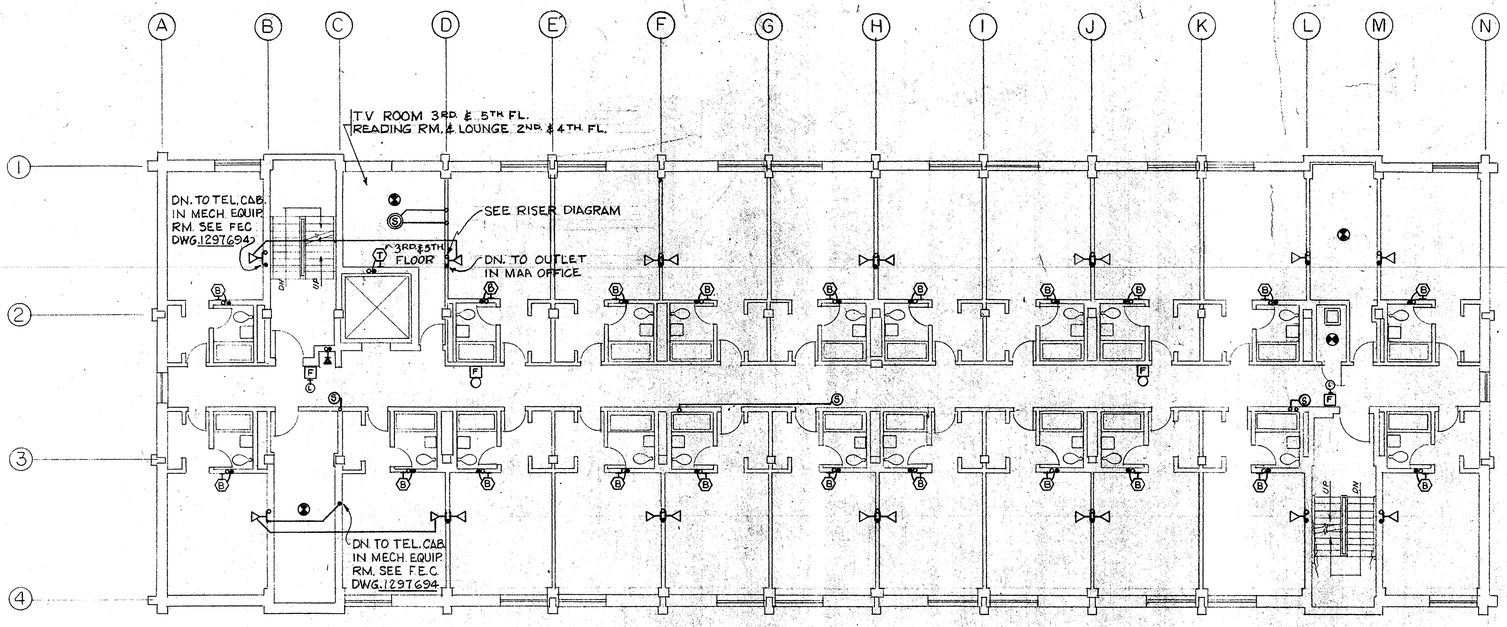
PWC DWG. NO. 18051-187

EFD NO. NBN-245/E-4		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES PRINCE	FIRE PROT HOLBROOK	NAVAL SCHOOL COMMAND, NEWPORT, R.I.
DR MULCAHY	SAF ENGR HOLBROOK	WAVES B.O.Q.
CHK	SAN ENGR	2ND., 3RD., 4TH. & 5TH. FLR. LTG. & POWER
SUP		ELECTRICAL E-4
PROJ ENGR J.A. CIRILLO		
DIRECTOR A. COUNELL		
APPROVED DATE		
CFD FOR COMMANDER NAVFAC		

CODE IDENT NO	SIZE	FEC DRAWING NO.
80091	F	1297696

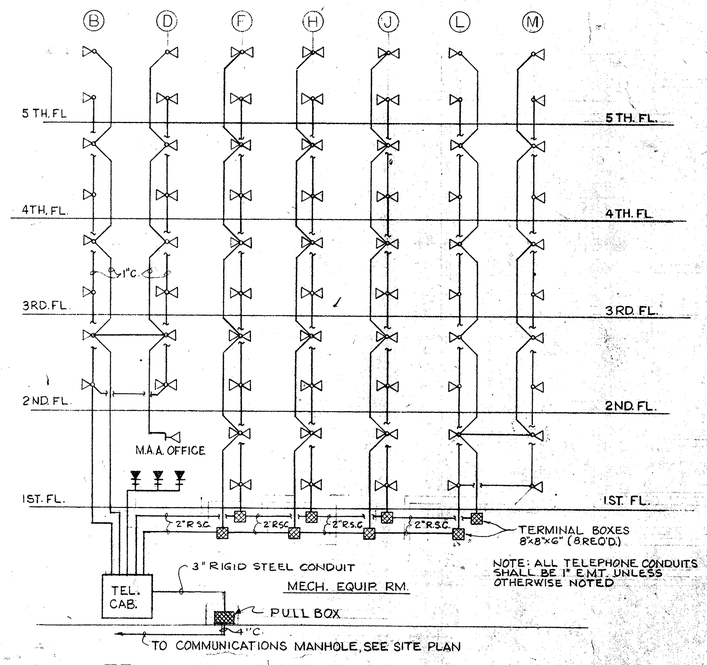
SCALE GRAPHIC | SPEC 90596/68 | CONST. CONTR. NO. N62464-68-C-0108 | SHEET 40 OF 41

REVISION				
SYM	DESCRIPTION	PREP'D BY	DATE	APPROVED



SECOND-THIRD-FOURTH-FIFTH FLOOR PLAN

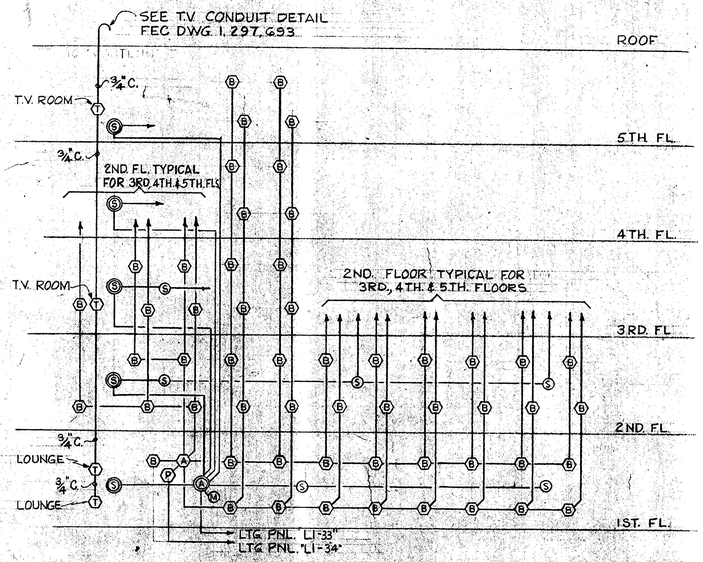
SCALE: 1/8" = 1'-0"



NOTE: ALL TELEPHONE CONDUITS SHALL BE 1" E.M.T. UNLESS OTHERWISE NOTED

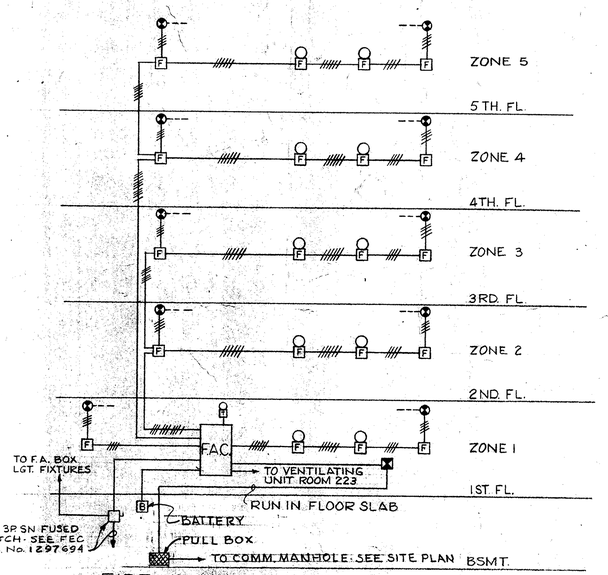
TELEPHONE RISER DIAGRAM

NOT TO SCALE



T.V. & SOUND SYSTEMS RISER DIAGRAM

NOT TO SCALE



FIRE ALARM SYSTEM DIAGRAM

NOT TO SCALE

NOTE:
FOR LEGEND SEE FEC DWG No. 1297695

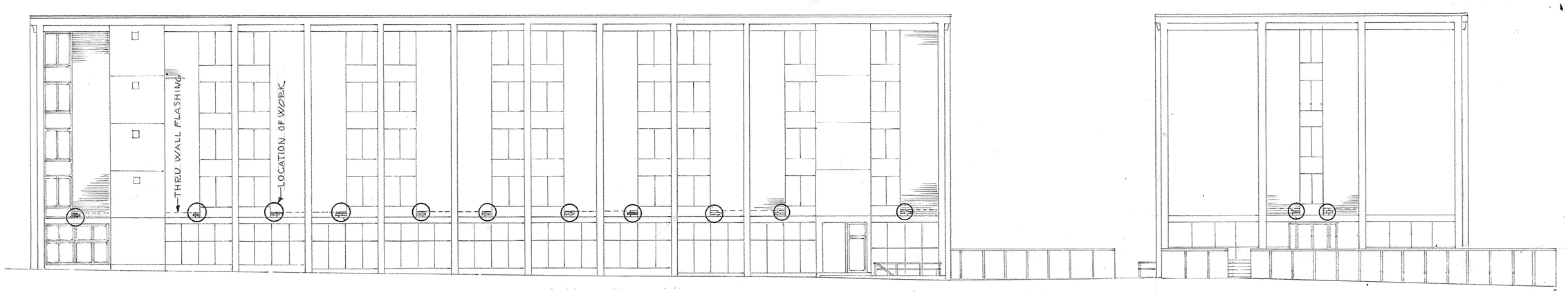
GRAPHIC SCALE

1/8" = 1'-0" 0' 5' 10' 20' 30' 40'

EFD NO. NBN-245/E-5		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NORTHEAST DIVISION BOSTON, MASS.
DES PRINCE	FIRE PROT HOLBROOK	
DR MULCAHY	SAF ENGR HOLBROOK	NAVAL SCHOOL COMMAND, NEWPORT, R.I.
CHK	SAN ENGR	WAVES B.O.O.
SUP		2ND., 3RD., 4TH. & 5TH. FLR.-SYSTEMS PLAN
PROJ ENGR J.A. CIRILLO		ELECTRICAL E-5
DIRECTOR O'CONNELL		
APPROVED E.S. Hartford Jr. 4/22/69 CFD FOR COMMANDER NFEC	DATE	CODE IDENT NO 80091 · SIZE F · FEC DRAWING NO. 1297697
		CONST. CONTR. NO. N62464-68-C-0108
		SCALE GRAPHIC · SPEC 90596/68 · SHEET 41 OF 41

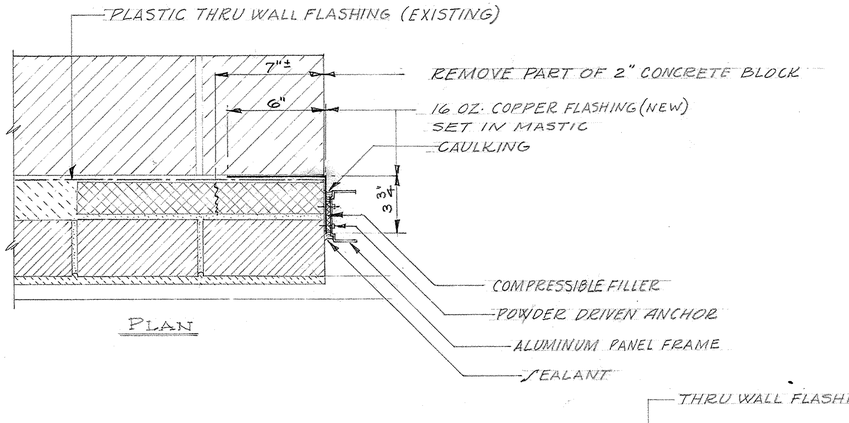
PWC Dwg. No. 18052-187 BLDG 678 CP FINIS

REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

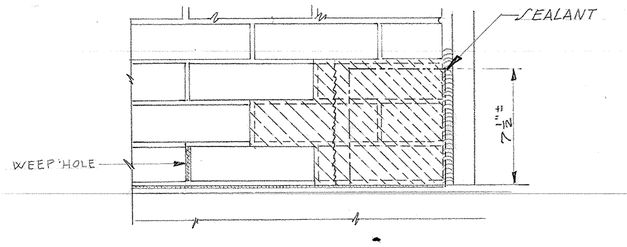


EAST ELEVATION
WEST ELEVATION (SIMILAR)

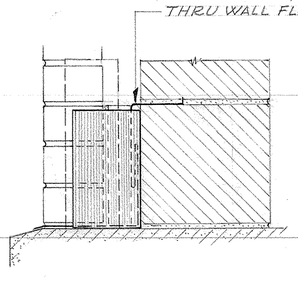
NORTH ELEVATION
SOUTH ELEVATION (SIMILAR)



PLAN

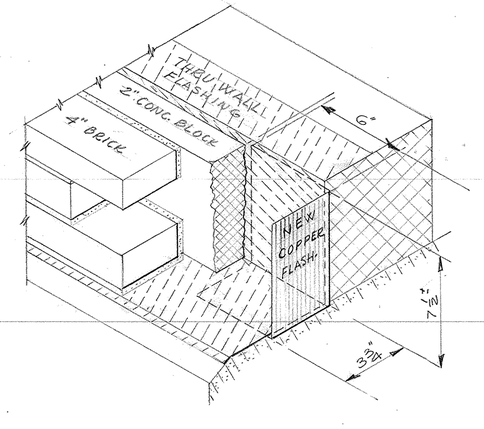


ELEVATION

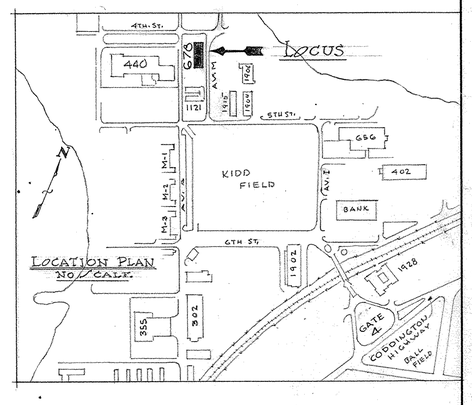


SECTION

SCALE 3"=1'-0"



ISOMETRIC



LEGEND
○ DENOTES AREAS WHERE WORK IS TO BE ACCOMPLISHED. ALL ELEVATIONS

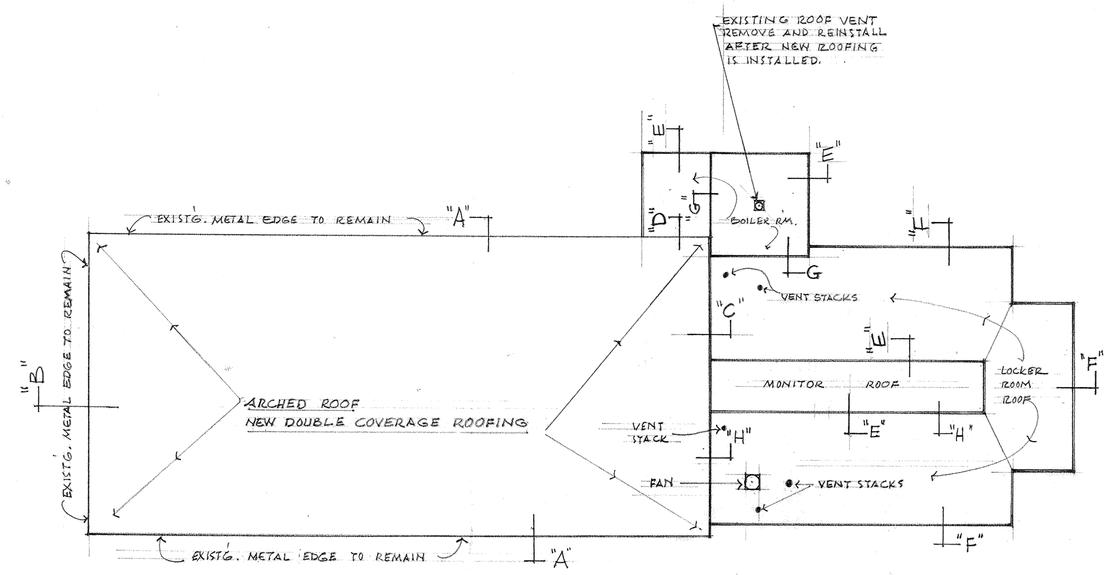
GRAPHIC SCALES

1/8" = 1'-0" 0 10' 20' 30' 40' 50'

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

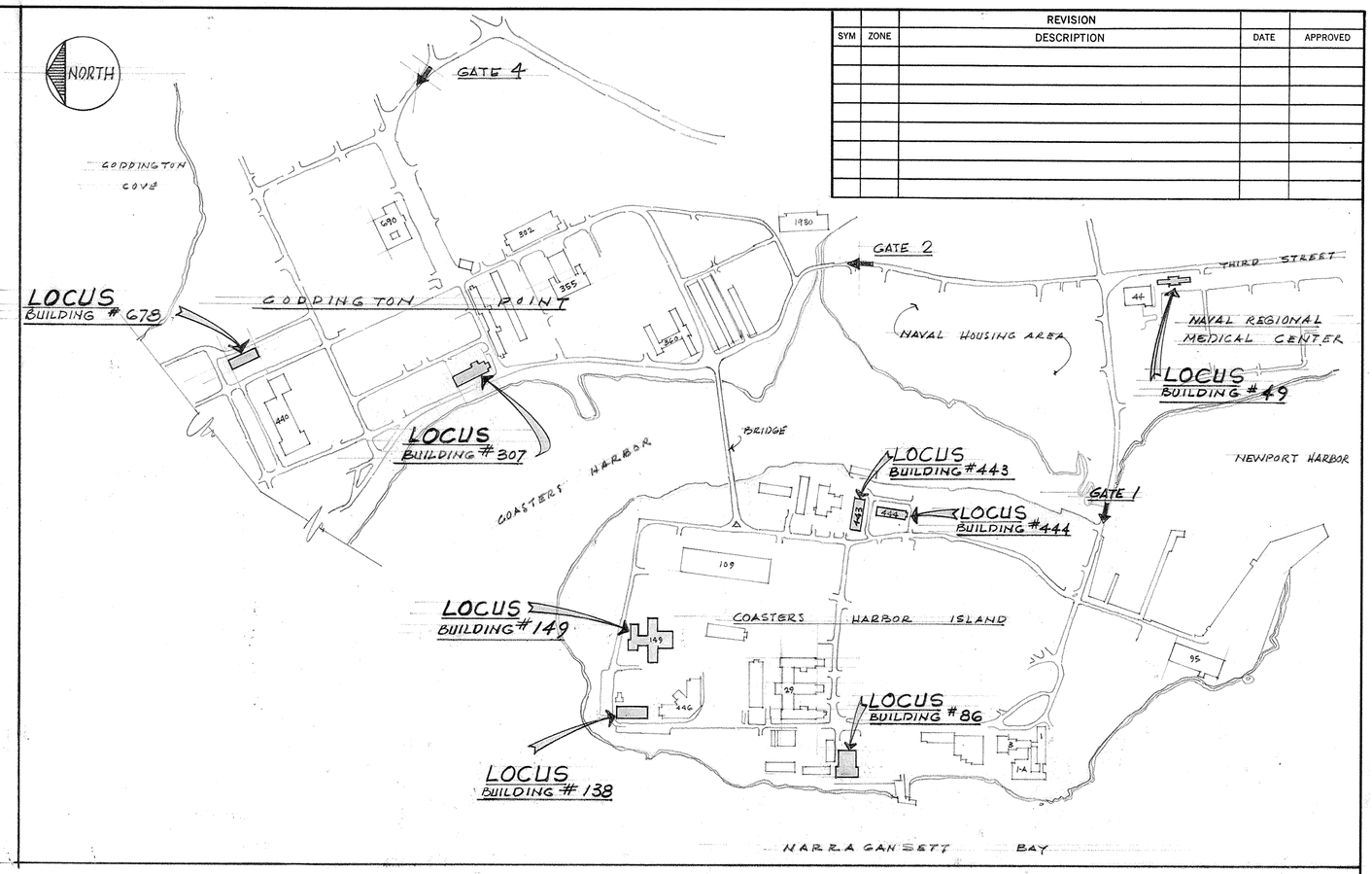
P.W.C. NO. 19113-198	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
DES. J.P. WHITFORD 10/11/72	PUBLIC WORKS CENTER		
DR. J.P.W. 10/11/72	U.S. NAVAL BASE NEWPORT, R.I.		
DIV. DIR. [signature] 10/18/72	NAVAL OFFICERS TRAINING CENTER, NEWPORT, R.I.		
DEPT. HEAD [signature]	WAVE B.O.Q.		
APPROVED [signature] DATE	BUILDING NO. 678 CODD. PT.		
SATISFACTORY TO [signature]	MODIFY FLASHING		
DATE 27 Oct 72	ELEVATIONS & DETAILS		
	SIZE F	CODE IDENT NO. 5118-485	NAVFAC DRAWING NO. 2,002,672
	SCALE: AS NOTED	CONSTR. CONTR. NO. NG 2472 - C-1713	
	SPEC. 73-C-1713	SHEET 1 OF 1	

H&E ALBANENE® B.L.M. 1517



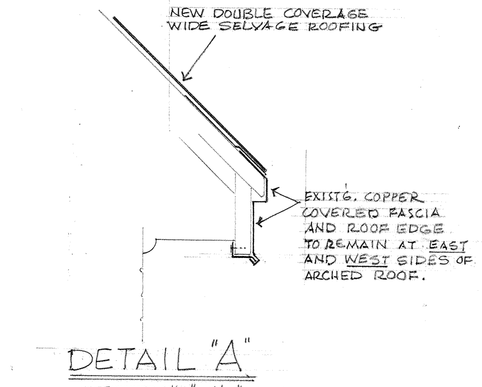
ROOF PLAN SCALE: 1/16" = 1'-0"

BUILDING # 307 — CODDINGTON POINT

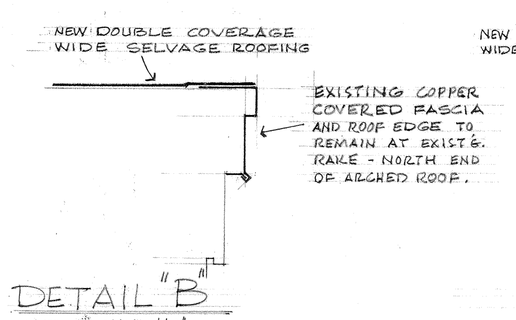


LOCATION PLAN SCALE: 1" = 400'

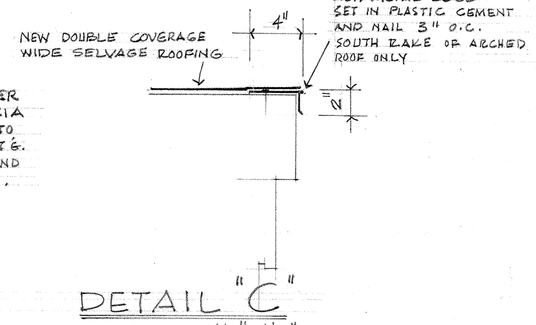
SYM	ZONE	REVISION DESCRIPTION	DATE	APPROVED



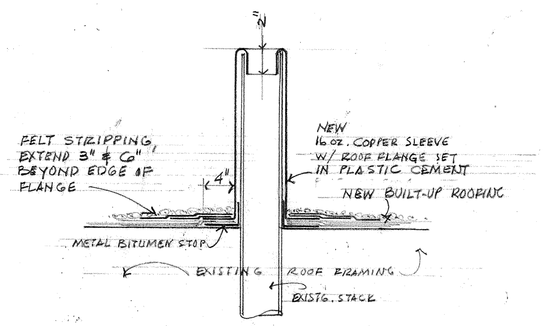
DETAIL "A" SCALE: 1 1/2" = 1'-0"



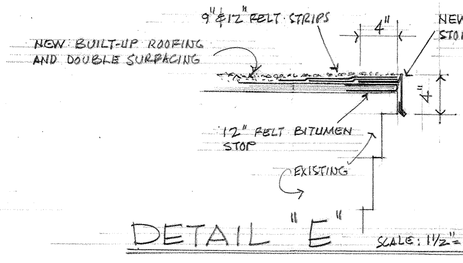
DETAIL "B" SCALE: 1 1/2" = 1'-0"



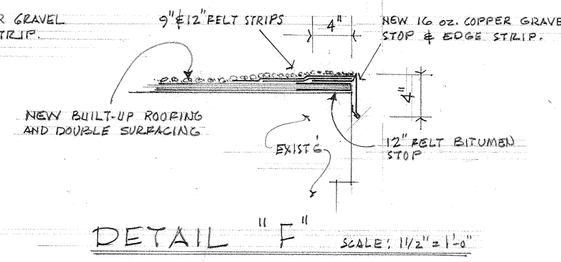
DETAIL "C" SCALE: 1 1/2" = 1'-0"



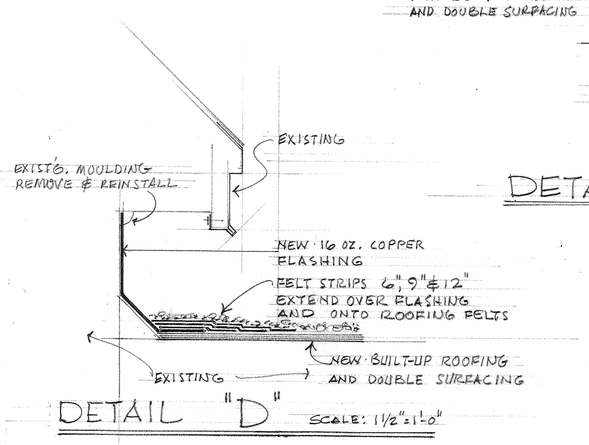
DETAIL @ VENT STACKS SCALE: 1 1/2" = 1'-0"



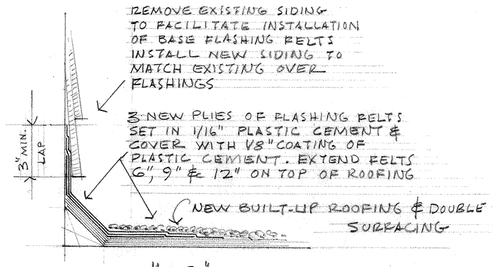
DETAIL "E" SCALE: 1 1/2" = 1'-0"



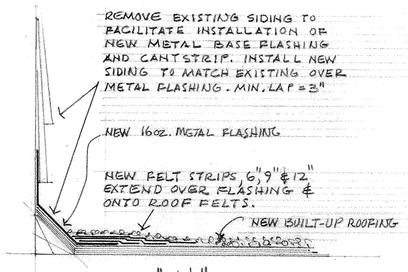
DETAIL "F" SCALE: 1 1/2" = 1'-0"



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



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



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

NOTE !
ROOF FAN CURBS SHALL BE FLASHED SIMILAR TO DETAIL "H"

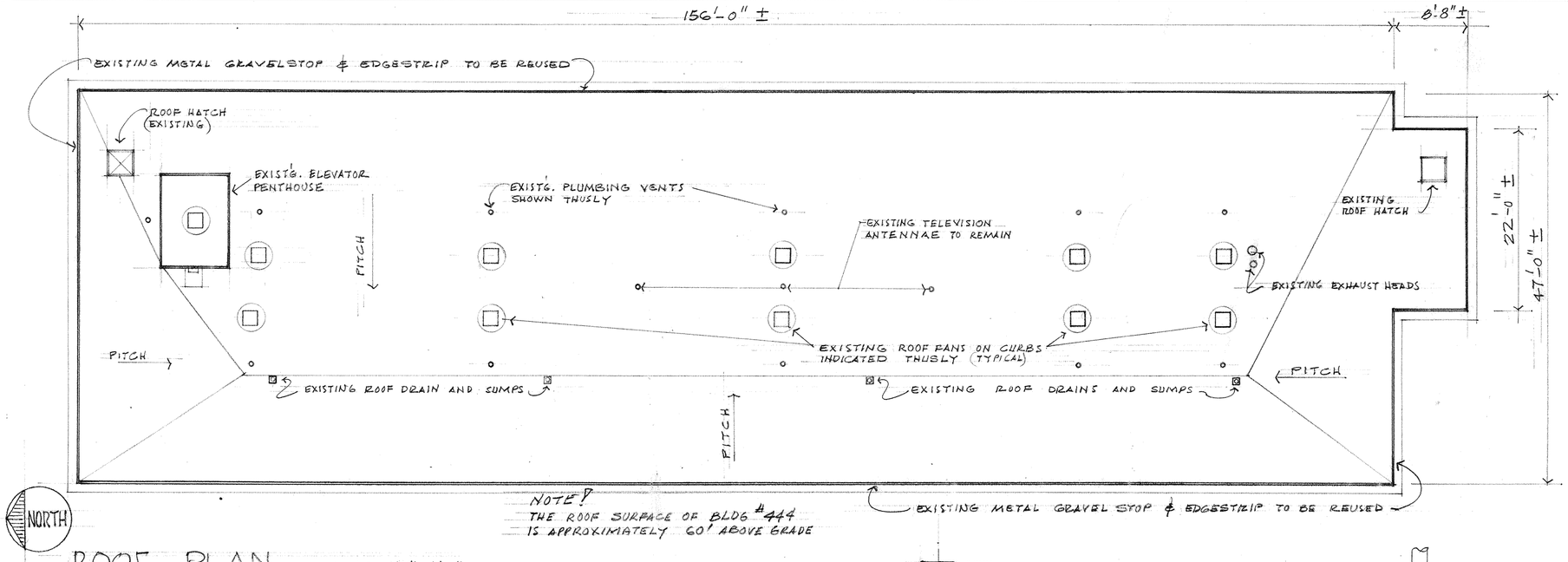
ARCHED ROOF:
REMOVE ALL EXISTING DOUBLE-COVERAGE ROOFING AND APPLY NEW DOUBLE-COVERAGE ROOFING AND FLASHING INDICATED.

FLAT ROOFS:
REMOVE ALL EXISTING BUILT-UP ROOFING, METAL FLASHING AND GRAVELSTOPS. PROVIDE NEW METAL GRAVELSTOPS & EDGESTRIPS AND NEW BUILT-UP ROOFING W/ DOUBLE SURFACING.

NETC DWG. NO. 20134-208	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
DES.	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND		
DR. [illegible] 12 MAY 1976	ROOFING VARIOUS BUILDINGS		
DIV. DIR. [illegible] 13 May 76	BUILDING No. 307 CODDINGTON POINT		
DEPT. HEAD [illegible] 13 May 76	LOCATION PLAN & PLANS & DETAILS		
APPROVED [illegible] DATE 5/14/76	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 2022048
SATISFACTORY TO			CONSTR. CONTR. NO. N62472-76-C-1778
DATE	SCALE: AS NOTED		SPEC. 04-76-1778 SHEET 1 OF 4

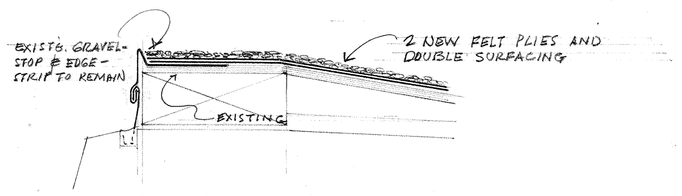
USEPACE P-1116

REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED

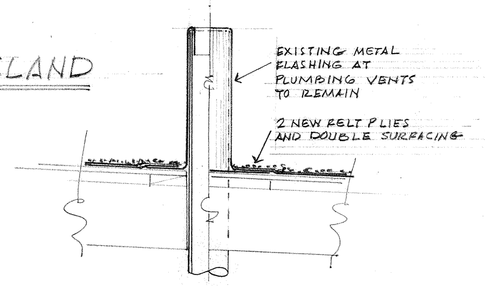


ROOF PLAN SCALE: 1/8" = 1'-0"

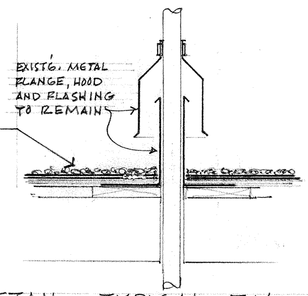
BUILDING # 444 COASTERS HARBOR ISLAND



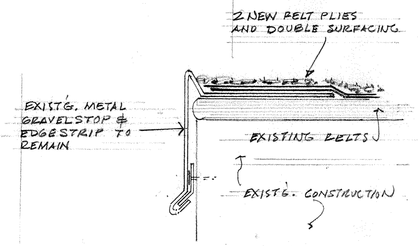
EXISTING GRAVEL STOP
TYPICAL BLDGS. #443 & #444



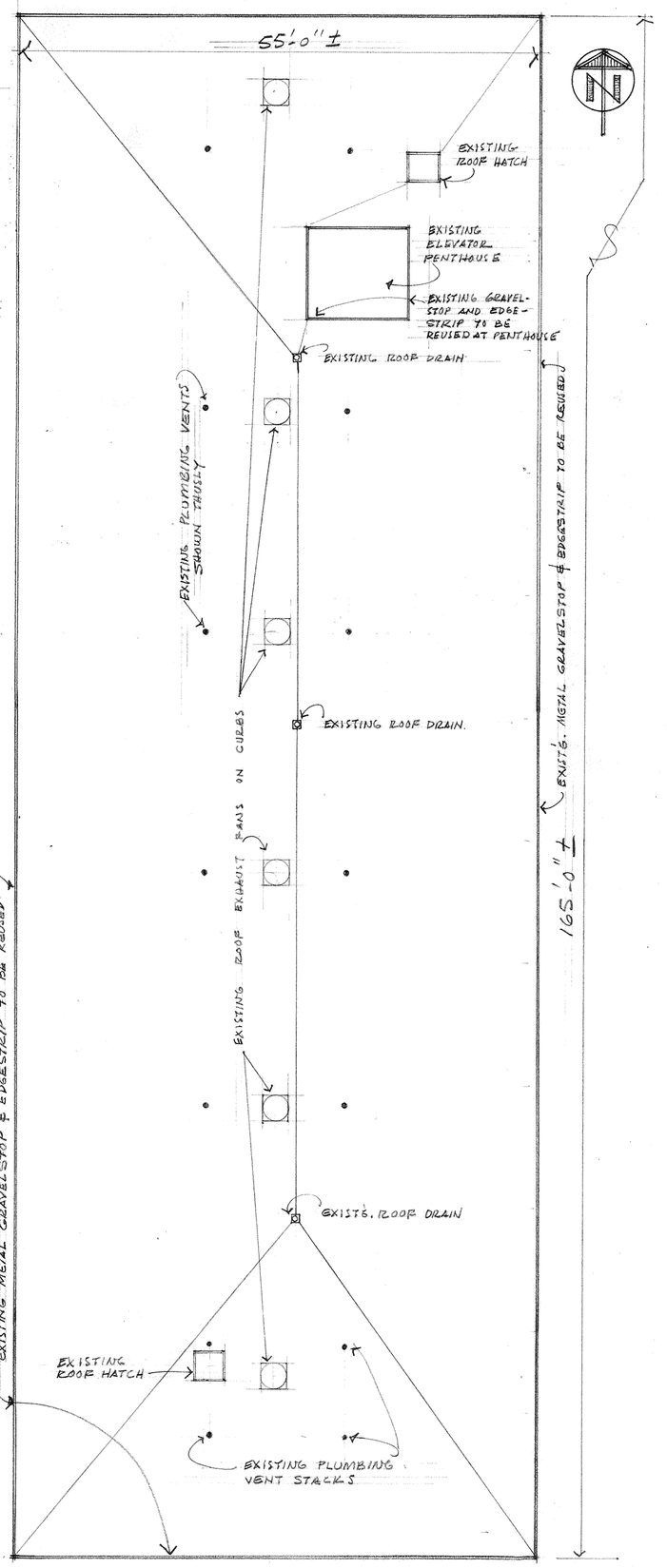
DETAIL - TYPICAL PLUMBING VENT
SCALE: 1½" = 1'-0"

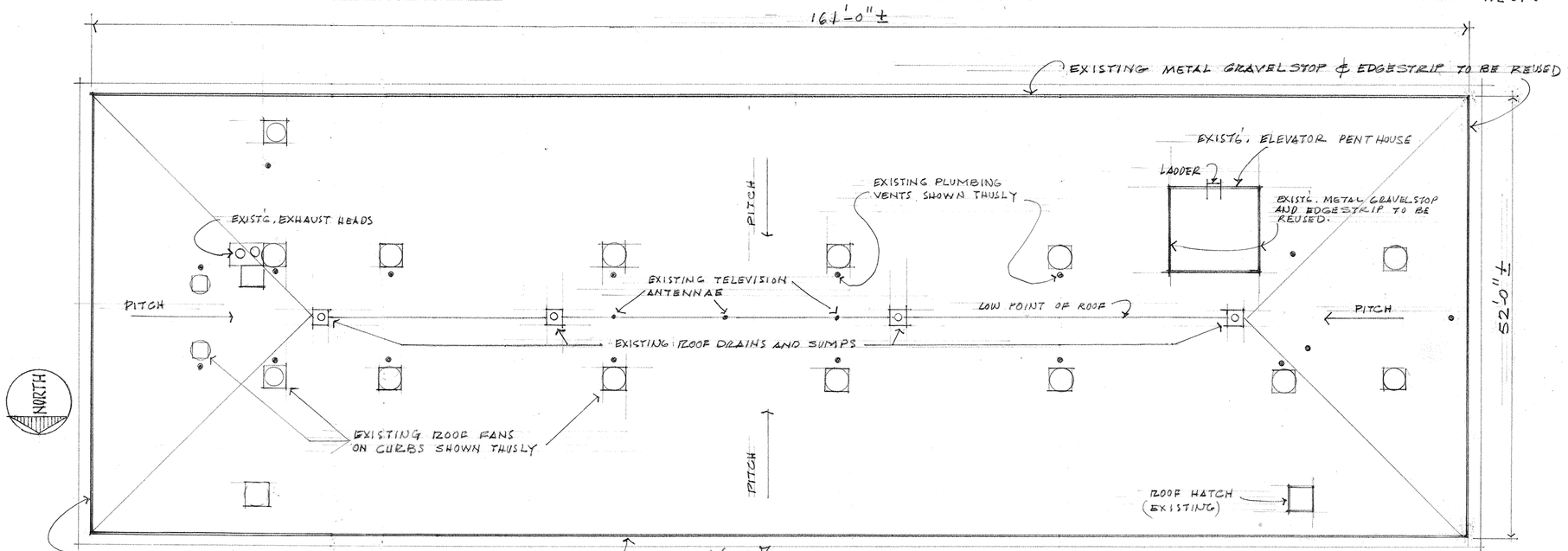


DETAIL - TYPICAL T.V. ANTENNAE OR CONDUIT
SCALE: 1½" = 1'-0"



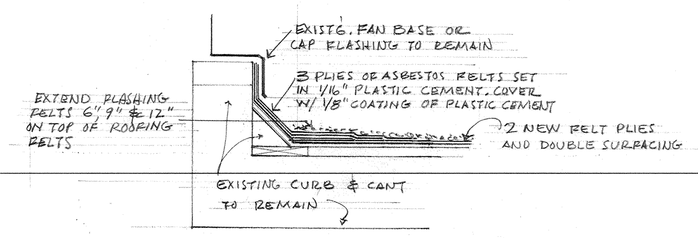
EXISTING GRAVELSTOP
TYPICAL BLDG. # 678 ONLY
SCALE: 3"=1'-0"



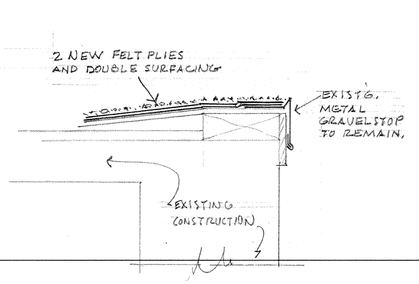


ROOF PLAN SCALE: 1/8" = 1'-0"

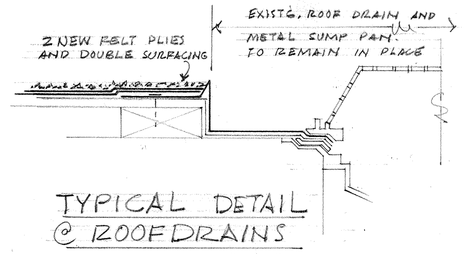
BUILDING # 443 - COASTERS HARBOR ISLAND



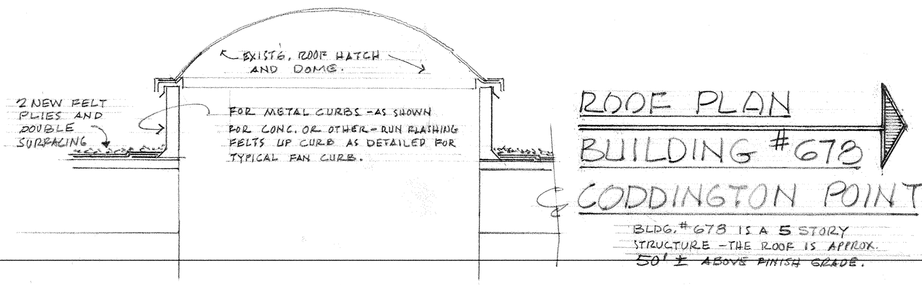
DETAIL - TYPICAL FAN CURB
SCALE: 1½" = 1'-0"



DETAIL - TYPICAL EDGE PENTHOUSE ROOM
SCALE: 1½" = 1'-0"



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



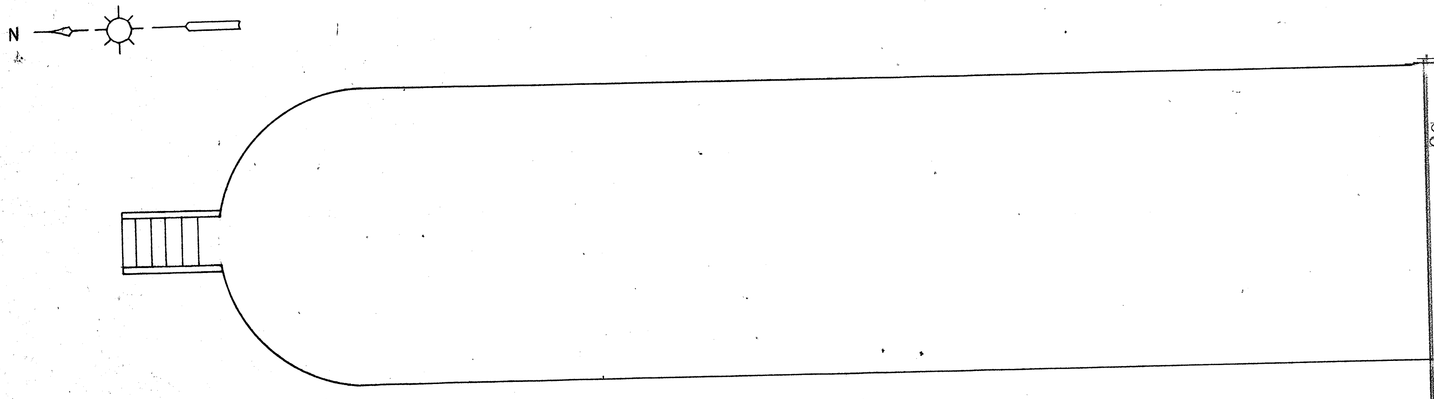
DETAIL - TYPICAL ROOF HATCH
SCALE: 1½" = 1'-0"

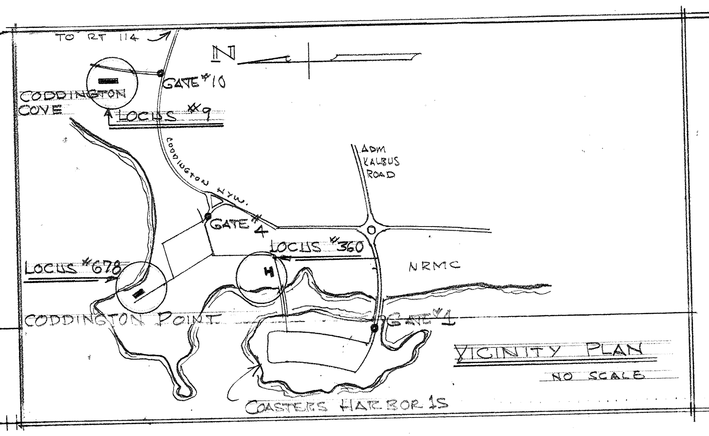
ROOF PLAN
BUILDING # 678
CODDINGTON POINT

BLDG. #678 IS A 5 STORY STRUCTURE - THE ROOF IS APPROX. ~~50'~~ ± ABOVE FINISH GRADE.

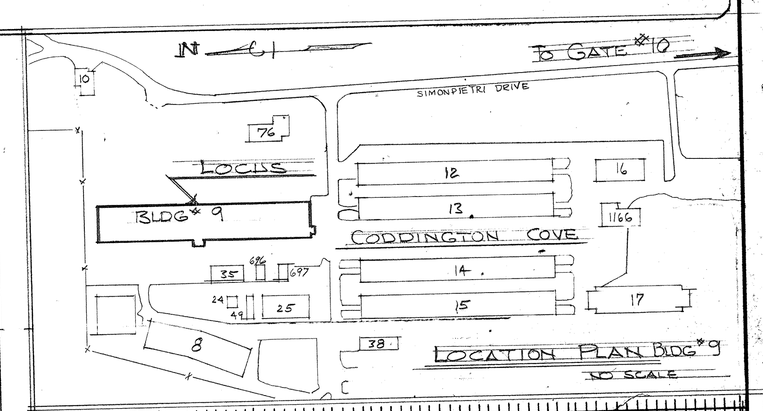
NETC DWG. NO. 20136-208		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DES.		NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND	
DR. [illegible] 12 May 1976		ROOFING VARIOUS BUILDINGS	
DIV. DIR. Donald C. McHenry 13 May 76		BLDGS #443 & #444 CHI-BLDG #678 CODD. PT.	
DEPT. HEAD [illegible] 13 May 76		PLANS & DETAILS	
APPROVED [illegible] DATE 5/14/76			
SATISFACTORY TO	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 2022050
DATE	SCALE: AS NOTED	CONSTR. CONTR. NO. N62472-76-C 1778	
		SPEC. 04-76-1778	SHEET 3 OF 4

MAKEPEACE P-1116

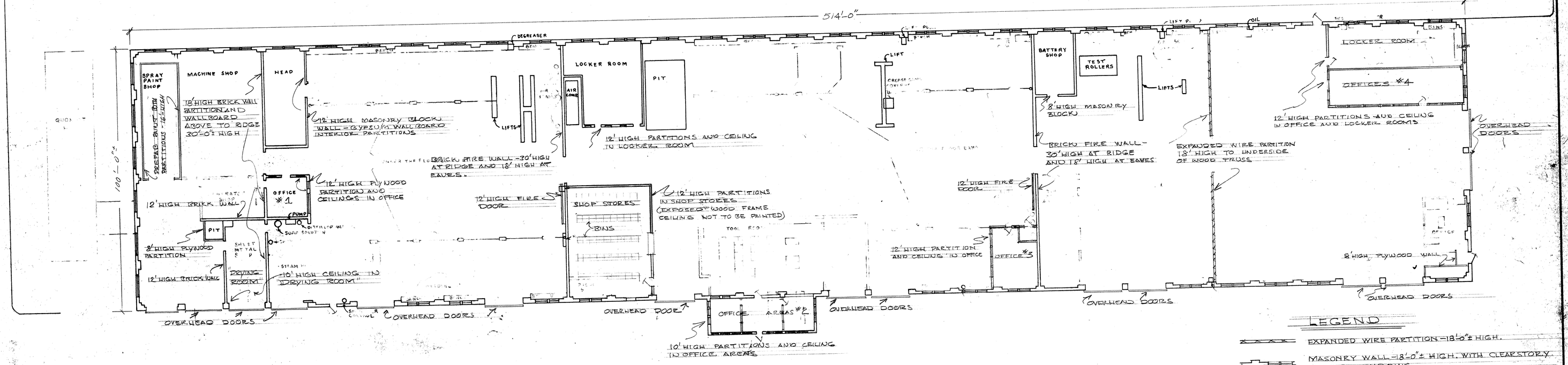




VICINITY PLAN
NO SCALE



LOCATION PLAN BLDG #9
NO SCALE



REFUELING STATION

FLOOR PLAN - BUILDING No 9, CODD. COVE
SCALE 1/16" = 1'-0"

LEGEND

- EXPANDED WIRE PARTITION - 18'-0"± HIGH.
- MASONRY WALL - 18'-0"± HIGH, WITH CLEARSTORY WOOD WINDOWS.
- INTERIOR MASONRY PARTITIONS - HEIGHT AS NOTED
- INTERIOR WOOD FRAME PARTITIONS - HEIGHT AS NOTED, WALL & CEILING FINISH - PLYWOOD AND GYPSUM BD
- OVERHEAD WOOD DOORS.
- METAL FIRE DOORS.

GENERAL NOTES ON PAINTING BUILDING No 9 CODD COVE

1) (SEE SPECIFICATIONS FOR "PREPARATION OF SURFACES" AND PAINT AND PAINTING.)
2) PREPARE THE SURFACES AND PAINT ALL PREVIOUSLY PAINTED SURFACES AND UNPAINTED SURFACES OF THE FOLLOWING ITEMS:
   a) PAINT ALL MASONRY WALL SURFACES - PREVIOUSLY PAINTED AND UNPAINTED.
   b) PAINT ALL WOOD FRAME PARTITION "WALLBOARD" - PREVIOUSLY PAINTED, AND ALL METAL PARTITIONS - PREVIOUSLY PAINTED.
   c) PAINT ALL WALLBOARD CEILINGS - PREVIOUSLY PAINTED, EXCEPT PAINT ACOUSTICAL CEILING TILE IN OFFICE AREA #2 ONLY
   d) PAINT EXPANDED METAL PARTITION - PREVIOUSLY PAINTED AND UNPAINTED.
   e) PAINT INTERIOR SIDE ALL WINDOWS EXCLUDING GLASS
   f) PAINT INTERIOR SIDE ALL DOORS AND OVERHEAD DOORS.
   g) PAINT METAL FIRE DOORS
   h) PAINT WALLBOARD ABOVE MASONRY WALL (AT NORTH END OF BUILDING) TO UNDERSIDE OF ROOF - UNPAINTED.
   i) PAINT TRAFFIC LINE STRIPES - TWO - FULL LENGHT OF BUILDING AND APPROXIMATELY 1700 FEET OF STRIPES AT RIGHT ANGLES AS DIRECTED
   j) PAINT TRAFFIC SIGNS AND TRAFFIC MARKING ON WALLS.
   k) PAINT ALL PIPING AND DUCTS TO 18'-0"± HEIGHT - PREVIOUSLY PAINTED AND UNPAINTED, INCLUDING PIPING INSULATION,
   l) PAINT ALL PREVIOUSLY PAINTED METAL ITEMS ON WALLS AND PARTITIONS
   m) PAINT TOILET PARTITIONS
3) ITEMS NOT TO BE PAINTED
   WOOD TRUSSES, ROOFING BOARDS.
   CONCRETE FLOORS, EXCEPT TRAFFIC STRIPES.
   FACTORY FINISHED METAL WORK, LOCKERS AND BINS.
   PIPING AND DUCTS ABOVE 18'-0 HEIGHT.
   WORK BENCHES.

GRAPHIC SCALE IN FEET

1/16" = 1'-0" 10' 0' 10' 20' 30' 40' 50' 60' 70' 80'

NETC DWG. NO.	20138-208
DES.	Donald Co McSharry 5/12/76
DR.	IGF 5/12/76
DIV. DIR.	
DEPT. HEAD	R. OC coll 5/12/76
APPROVED	DATE 5/14/76
SATISFACTORY TO	
DATE	

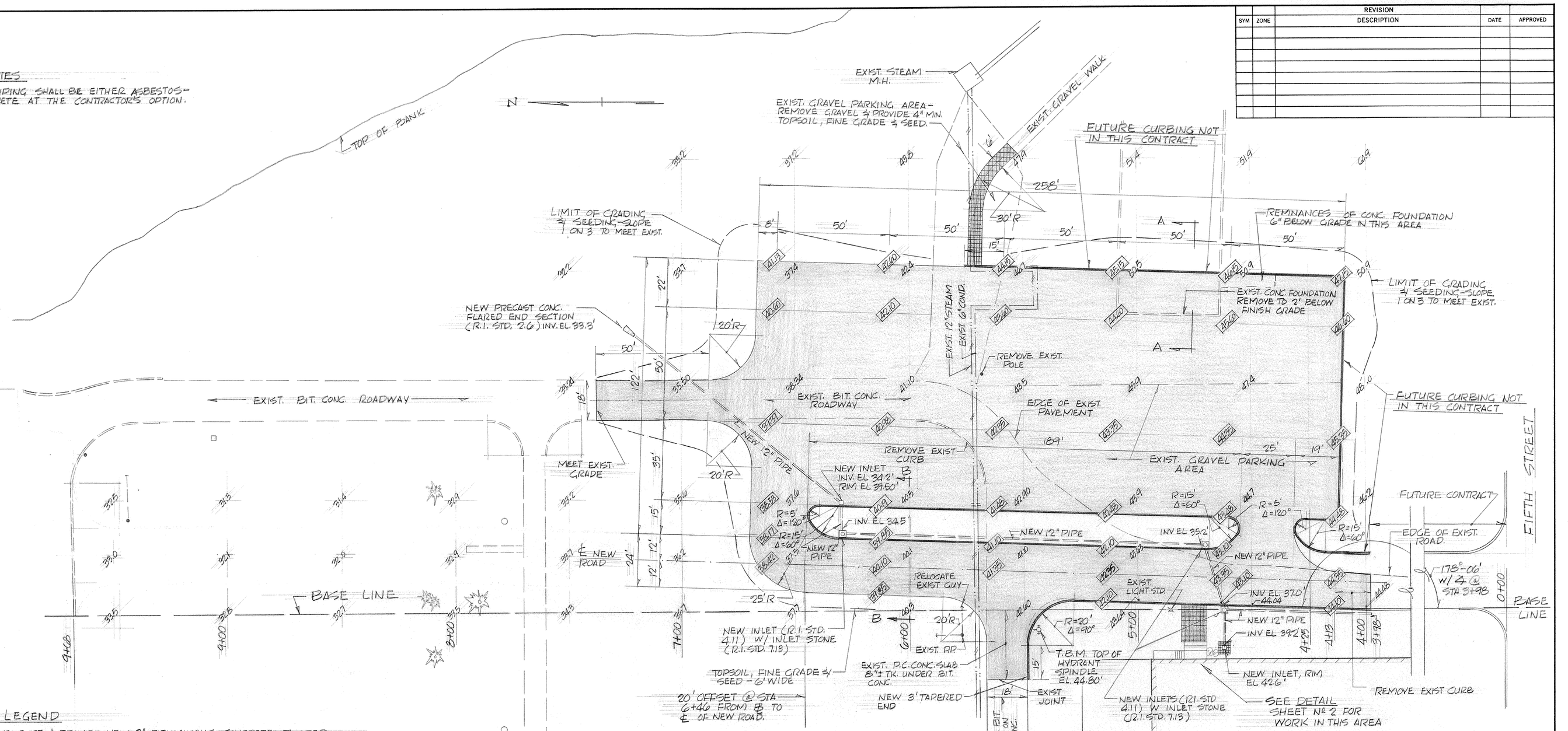
DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND
NETC NEWPORT, R.I.
INTERIOR PAINTING, VARIOUS BUILDINGS, NETC, CODD. PT. / CODD COVE (BUILDING No 9)

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	2,022,052
SCALE: 1/16" = 1'-0"		CONSTR. CONTR. NO. N62472-76-C-1787
		SPEC. 09-76-1787 SHEET 1 OF 3

REVISION			
SYM	ZONE	DESCRIPTION	DATE	APPROVED

GENERAL NOTES

1. NEW STORM DRAINAGE PIPING SHALL BE EITHER ASBESTOS-CEMENT, CLAY, OR CONCRETE AT THE CONTRACTOR'S OPTION.

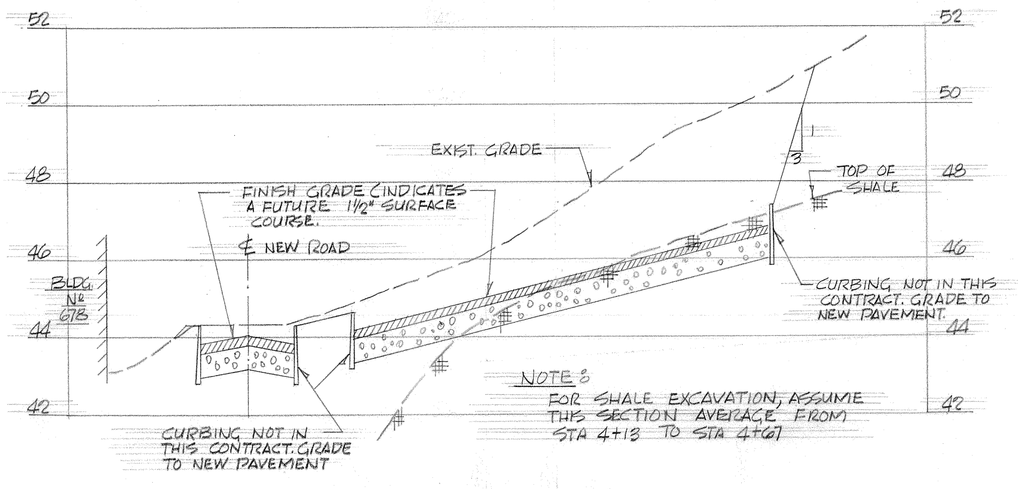


PLAN

SCALE 1"=20'

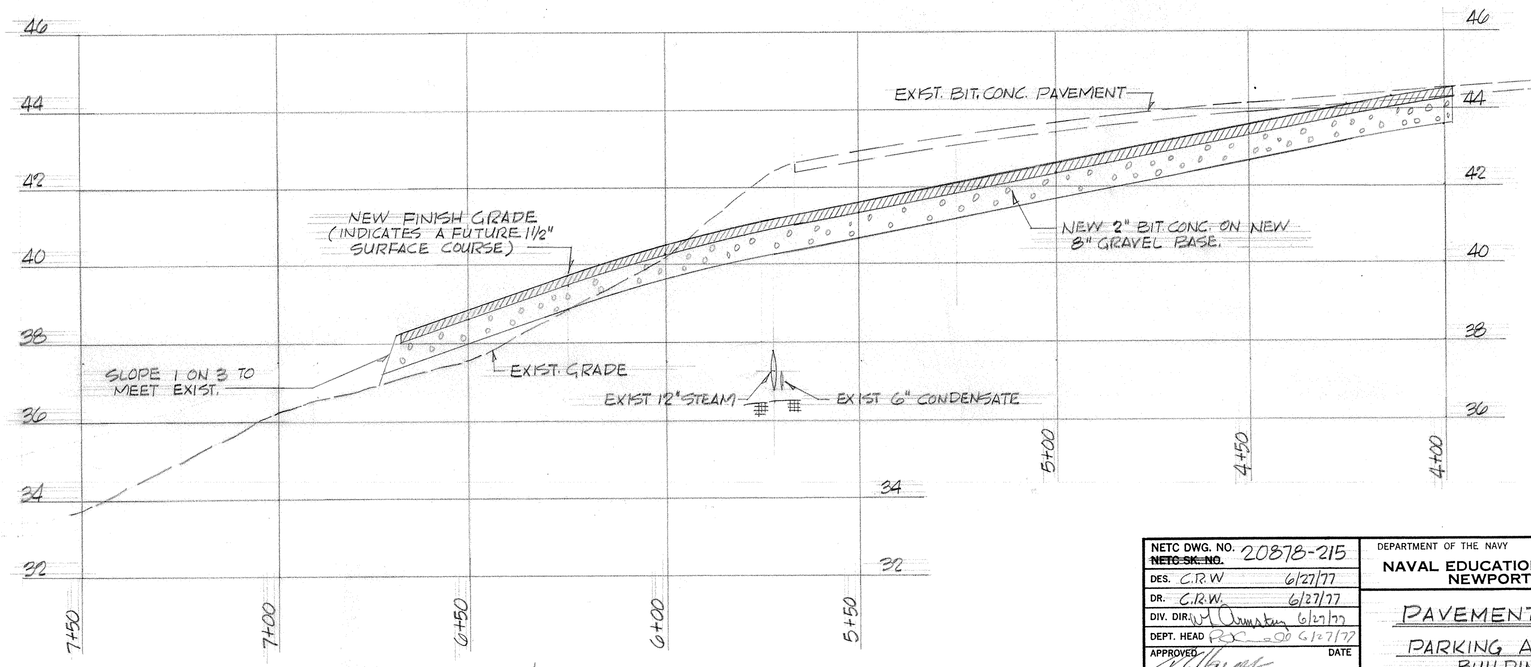
LEGEND

- REMOVE EXIST. & PROVIDE NEW 2" BITUMINOUS CONCRETE BINDER COURSE ON NEW 8" GRAVEL BASE.
- REMOVE EXIST. & PROVIDE NEW 2" BITUMINOUS CONCRETE SURFACE COURSE ON NEW 6" GRAVEL BASE.
- NEW PRECAST CONCRETE CURB (R.I. STD. 7.11) - CURB FACE VERT. HT. SHALL BE 7½" FROM NEW BINDER COURSE TO TOP OF CURB (ALLOWANCE IS MADE FOR FUTURE 1½" SURFACE COURSE).
- 40.00 — INDICATES NEW FINISH GRADES W/A FUTURE 1½" BIT. CONC. SURFACE COURSE. (BINDER COURSE SHALL BE 1½" BELOW INDICATED FINISH GRADES.)
- 40.00 — EXISTING GRADES



PROFILE AT STA 4+25

SCALE VERT. 1"=2' HORIZ 1"=20'



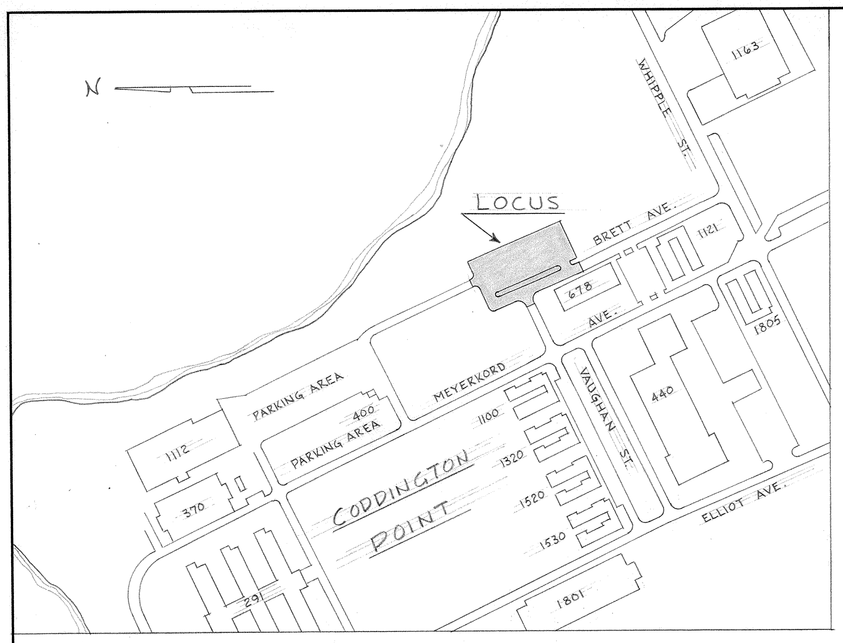
PROFILE ALONG ℄ OF NEW ROADWAY

SCALE: VERT. 1"=2' HORIZ 1"=20'

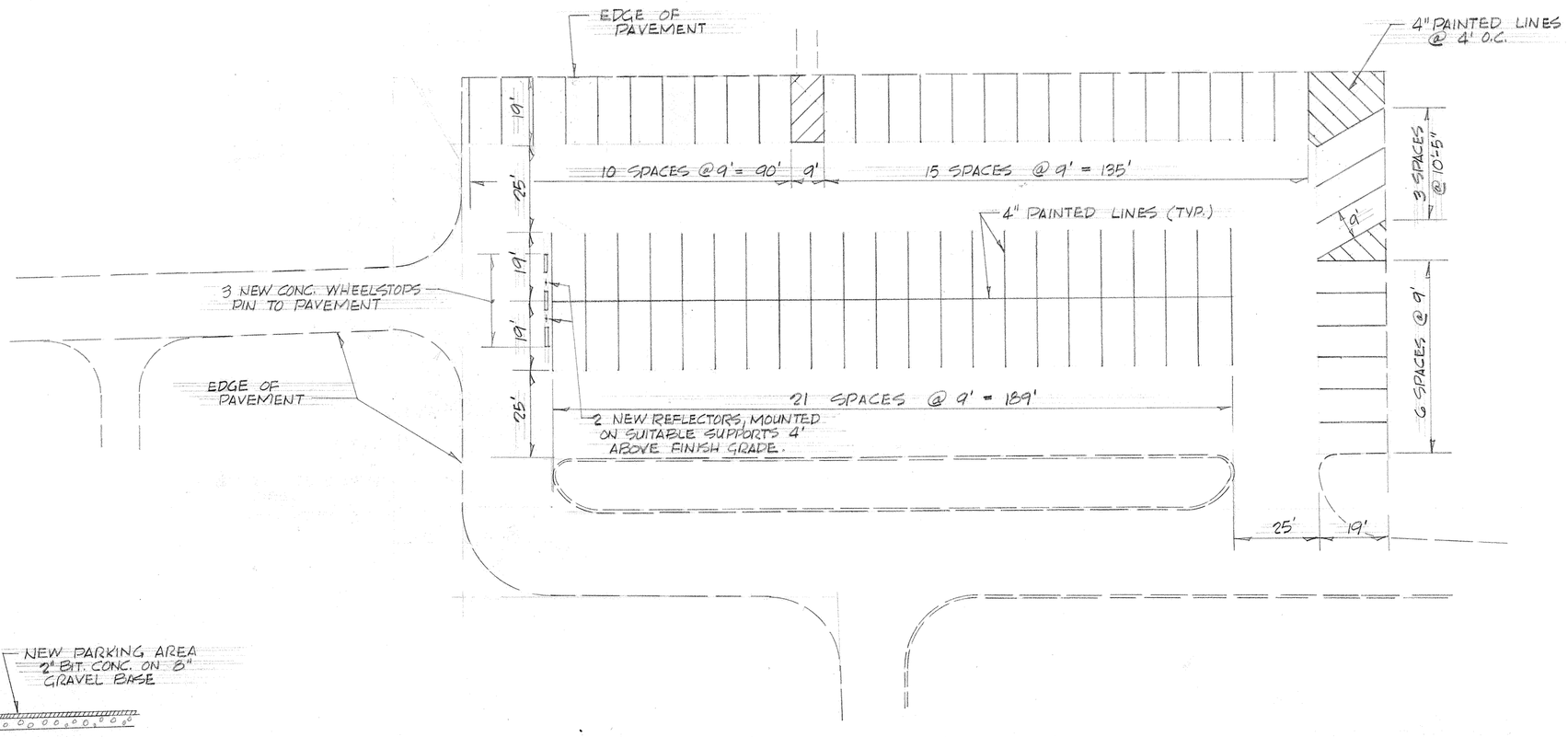
NETC DWG. NO. 20878-215 / ~~NETC SK. NO.~~		DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND	
DES. C.R.W.	6/27/77	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND	
DR. C.R.W.	6/27/77	PAVEMENT REPAIRS (1976)	
DIV. DIR.	6/27/77	PARKING AREA EAST OF BUILDING Nº 678	
DEPT. HEAD	6/27/77		
APPROVED	DATE		
SATISFACTORY TO		SIZE F	CODE IDENT NO. 80091
DATE		NAVFAC DRAWING NO. 2027001	
SCALE: AS SHOWN		CONSTR. CONTR. NO.	SPEC.
		SHEET 1 OF 3	

AXEPEACE P-1842

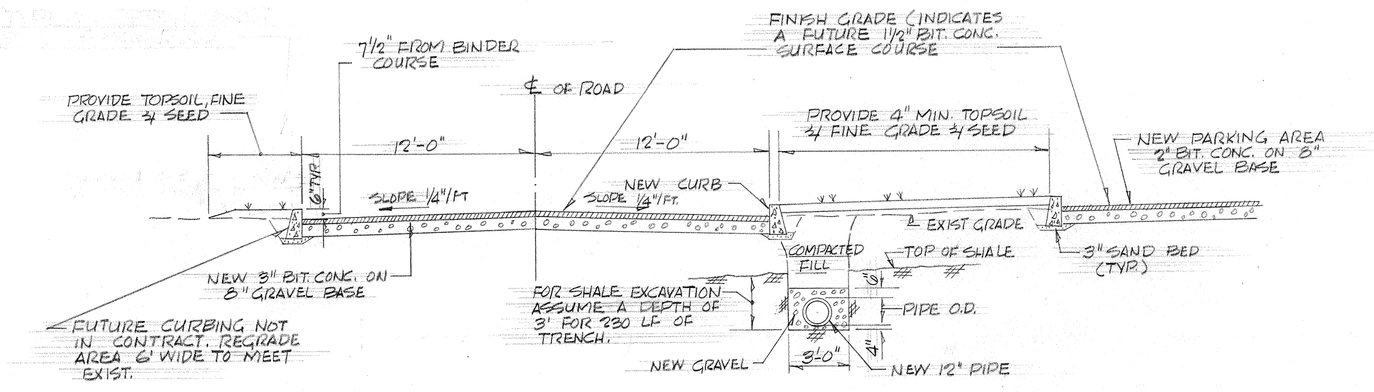
REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



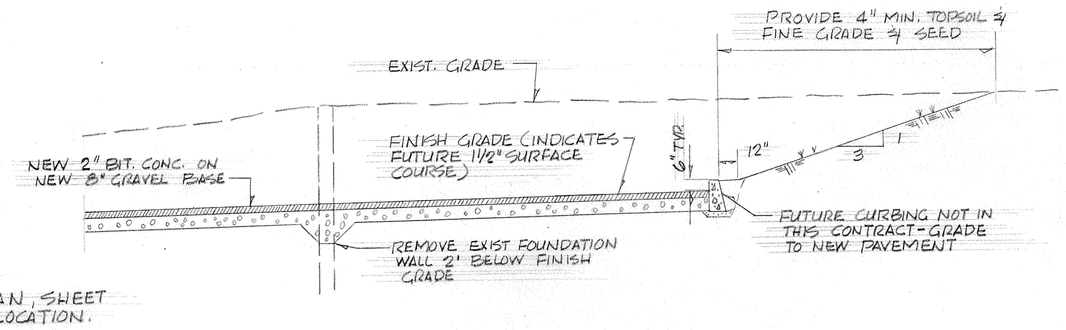
LOCATION PLAN
NOT TO SCALE



PAVEMENT MARKING PLAN
SCALE 1"=20'

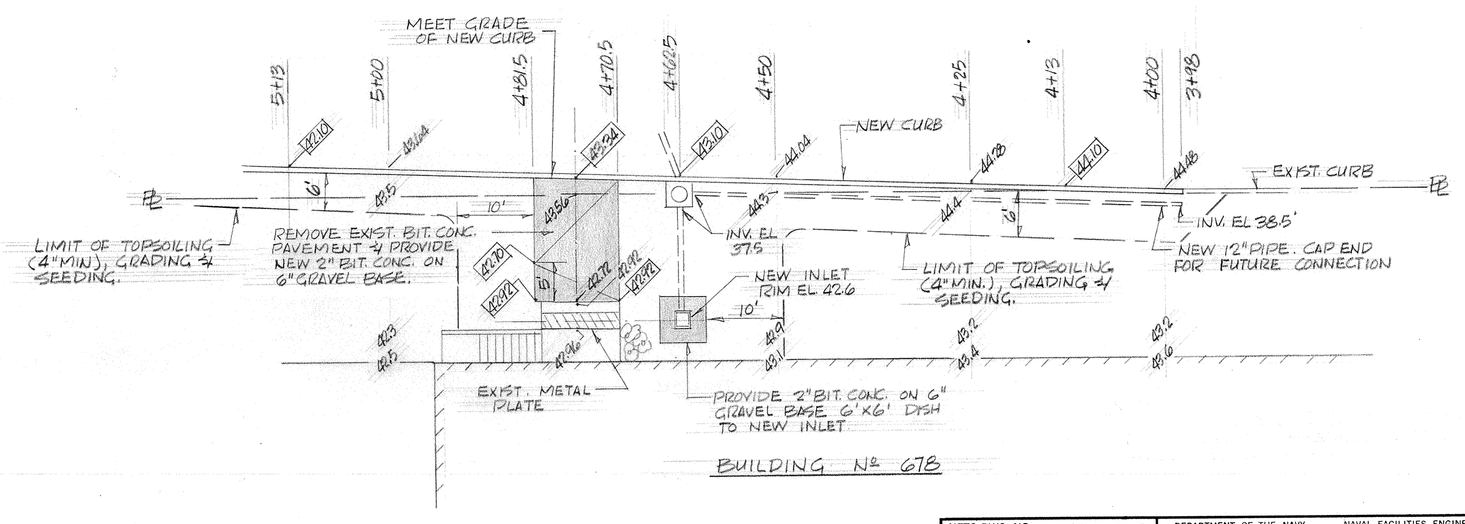


SECTION B-B
SCALE 1/4"=1'-0"



NOTE:
SEE PLAN, SHEET Nº 1 FOR LOCATION.

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



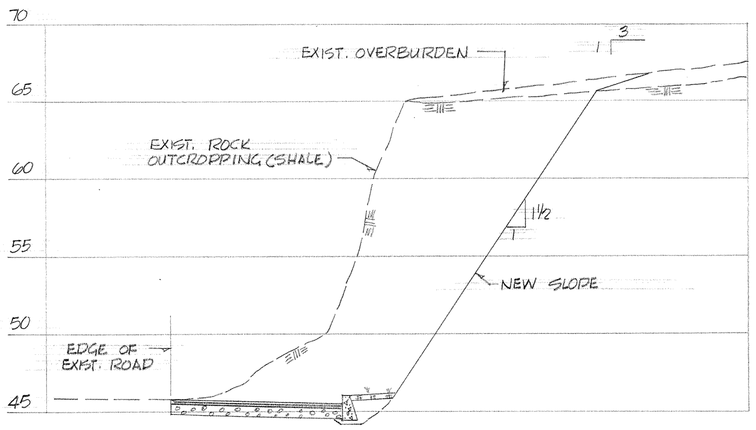
BUILDING Nº 678

PLAN - DETAIL AT ENTRANCE TO BLDG. Nº 678
SCALE 1"=10'

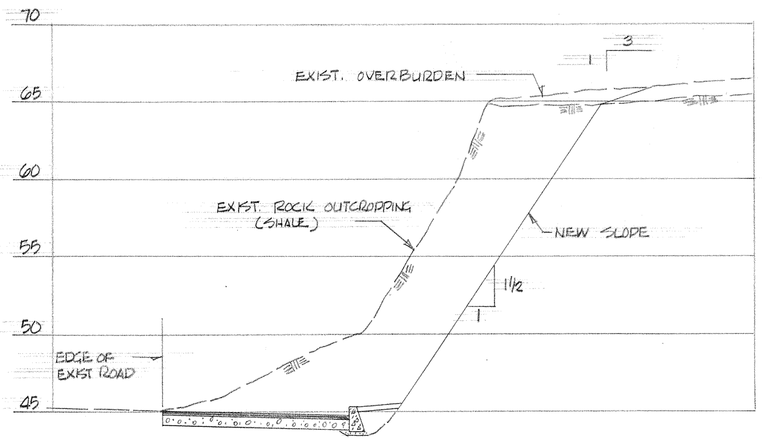
NETC DWG. NO. 20879-215 / NETC SK. NO.		DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND	
DES. CRW	6/27/77	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND	
DR. CRW	6/27/77	PAVEMENT REPAIRS (1976)	
DIV. DIR.	DATE	PARKING AREA EAST OF BUILDING Nº 678	
DEPT. HEAD	DATE		
APPROVED	DATE		
SATISFACTORY TO		SIZE: F	CODE IDENT NO.: 80091
DATE		NAVFAC DRAWING NO.: 2027002	
SCALE: AS SHOWN		CONSTR. CONTR. NO.	SPEC.
		SHEET 2 OF 3	

MAKEPEACE P-1842

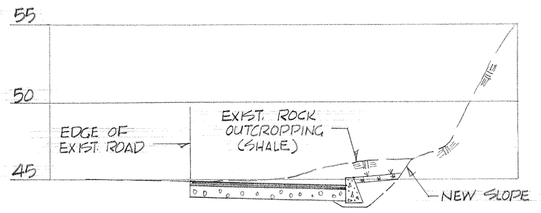
REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



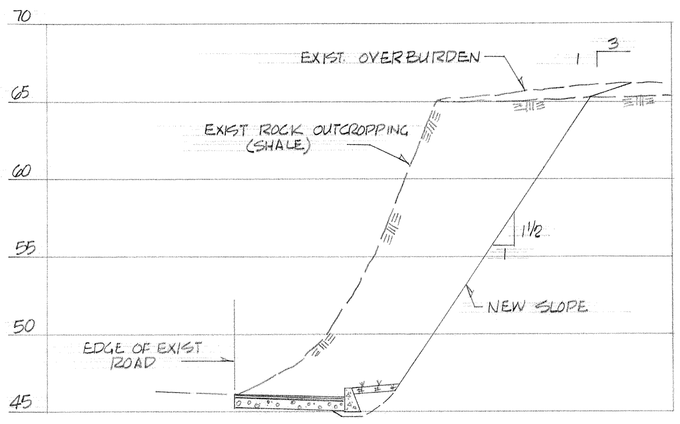
STATION 2+82
SCALE 1"=5'



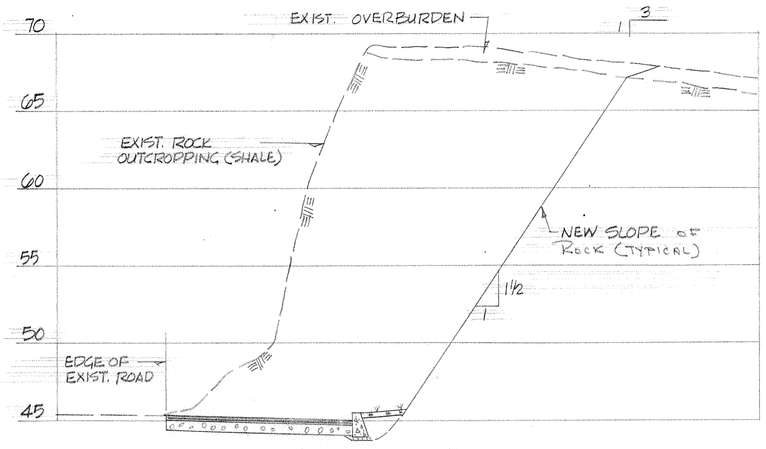
STATION 3+62
SCALE 1"=5'



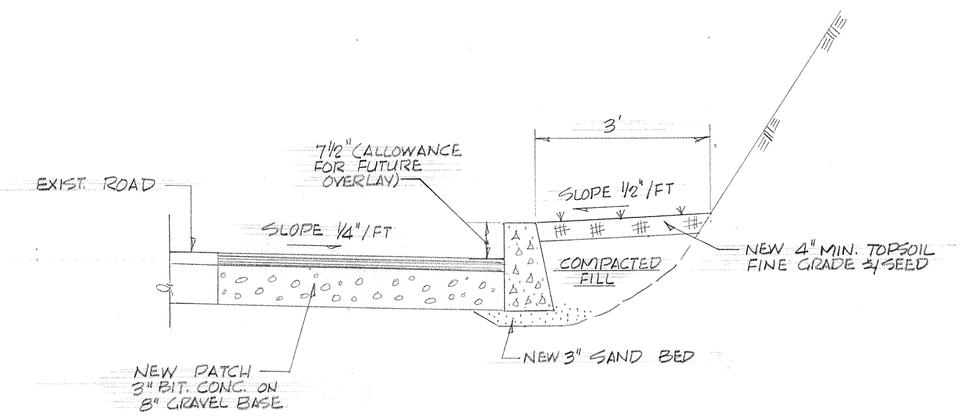
STATION 3+82
SCALE 1"=5'



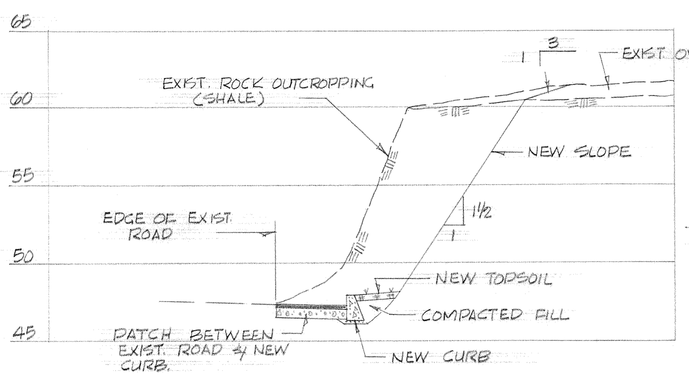
STATION 2+32
SCALE 1"=5'



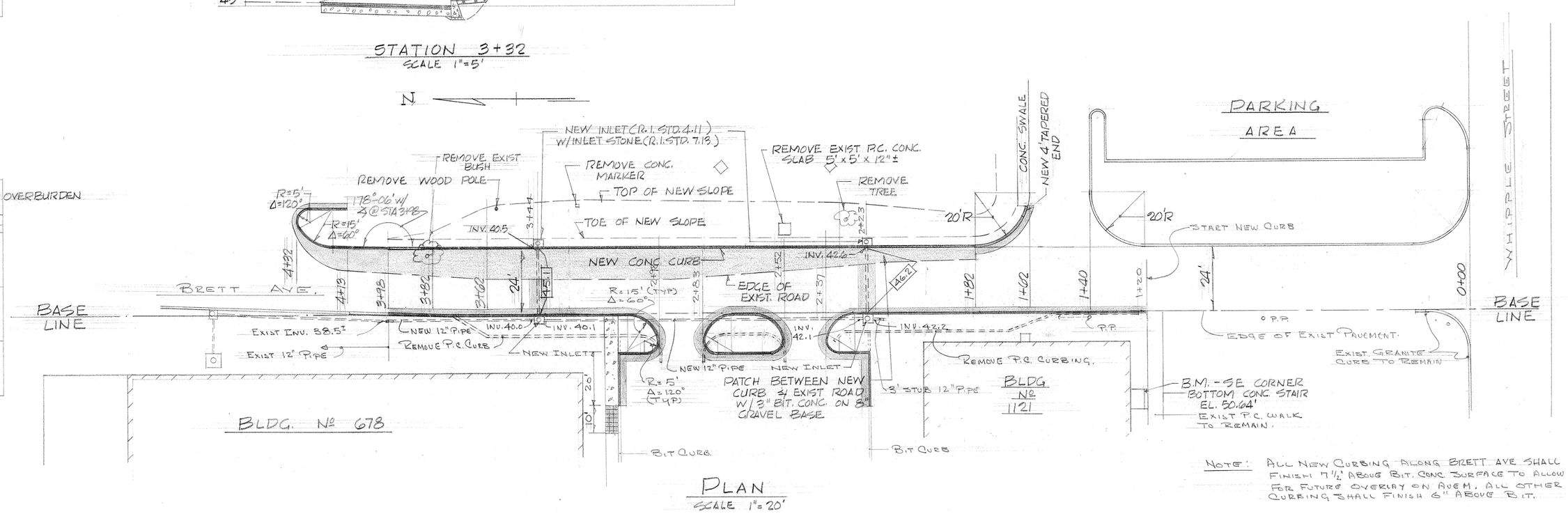
STATION 3+32
SCALE 1"=5'



DETAIL THRU NEW PRECAST CONC. CURB
SCALE 3/4"=1'-0"



STATION 1+82 - TYPICAL SECTION
SCALE 1"=5'



PLAN
SCALE 1"=20'

NOTE: ALL NEW CURBING ALONG BRETT AVE SHALL FINISH 7½" ABOVE BIT. CONC. SURFACE TO ALLOW FOR FUTURE OVERLAY ON AUGM. ALL OTHER CURBING SHALL FINISH 6" ABOVE BIT.

LEGEND

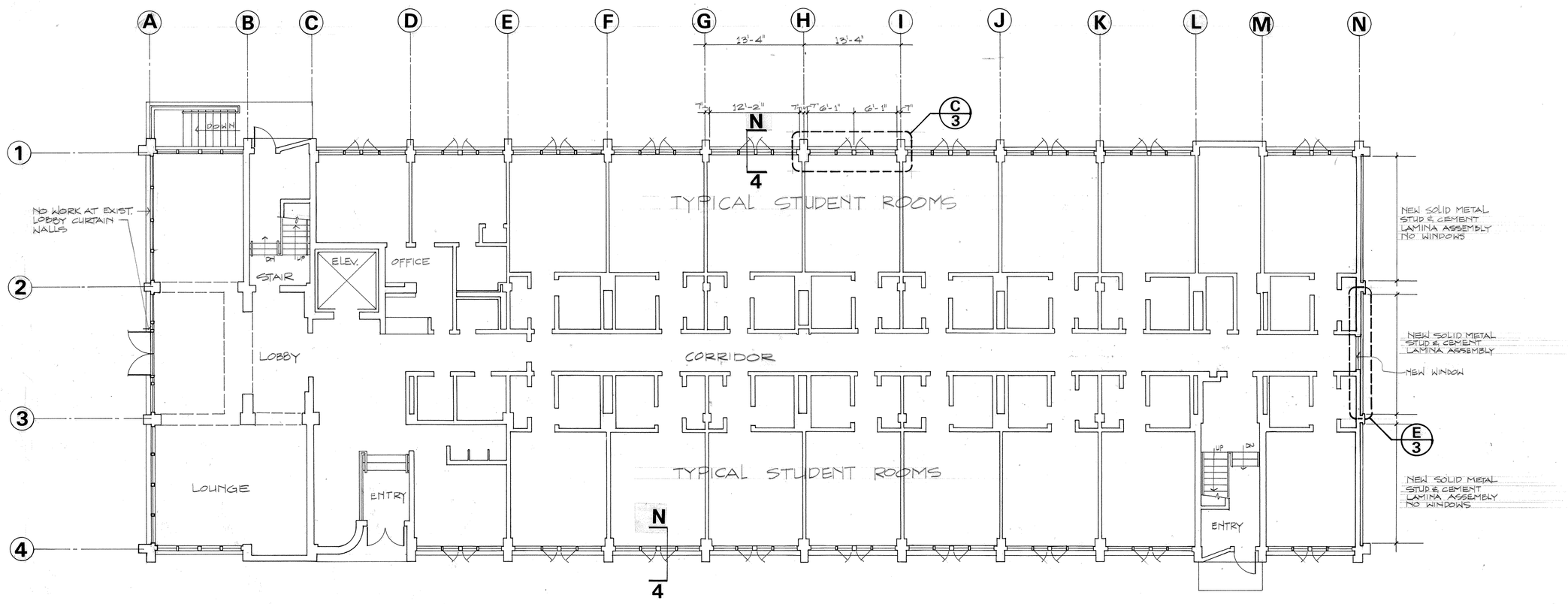
- REMOVE EXIST. & PROVIDE NEW 3" BITUMINOUS CONCRETE (TWO COURSES) ON NEW 8" GRAVEL BASE
- NEW CONCRETE CURB (R.I. STD. 7.11)
- REMOVE EXIST & PROVIDE 4" P.C. CONC. WALK ON 4" GRAVEL BASE
- REMOVE EXIST. & PROVIDE NEW 2" BITUMINOUS CONCRETE (ONE COURSE) ON NEW 6" GRAVEL BASE.

NETC DWG. NO. 20308-216	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
~~NETC SK. NO.~~	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND
DES. C.R.W.	REPAIRS TO PARKING AREAS AND PAVEMENT
DR. C.R.W.	REPAIRS TO BRETT AVE. CODDINGTON PT.
DIV. DIR. D. J. Dunstan 16 Aug 77	
DEPT. HEAD [illegible] 16 Aug 77	
APPROVED R. L. Smith 8/16/77 DATE	
SATISFACTORY TO	SIZE F; CODE IDENT NO. 80091; NAVFAC DRAWING NO. 2028467
DATE	CONSTR. CONTR. NO. N62472-77-C-1503; SCALE: AS SHOWN; SPEC. 04-77-1503; SHEET 4 OF 4

MAKEPEACE P-1842

REVISIONS				
LTR	DESCRIPTION	PREP'D BY	DATE	APPROVED

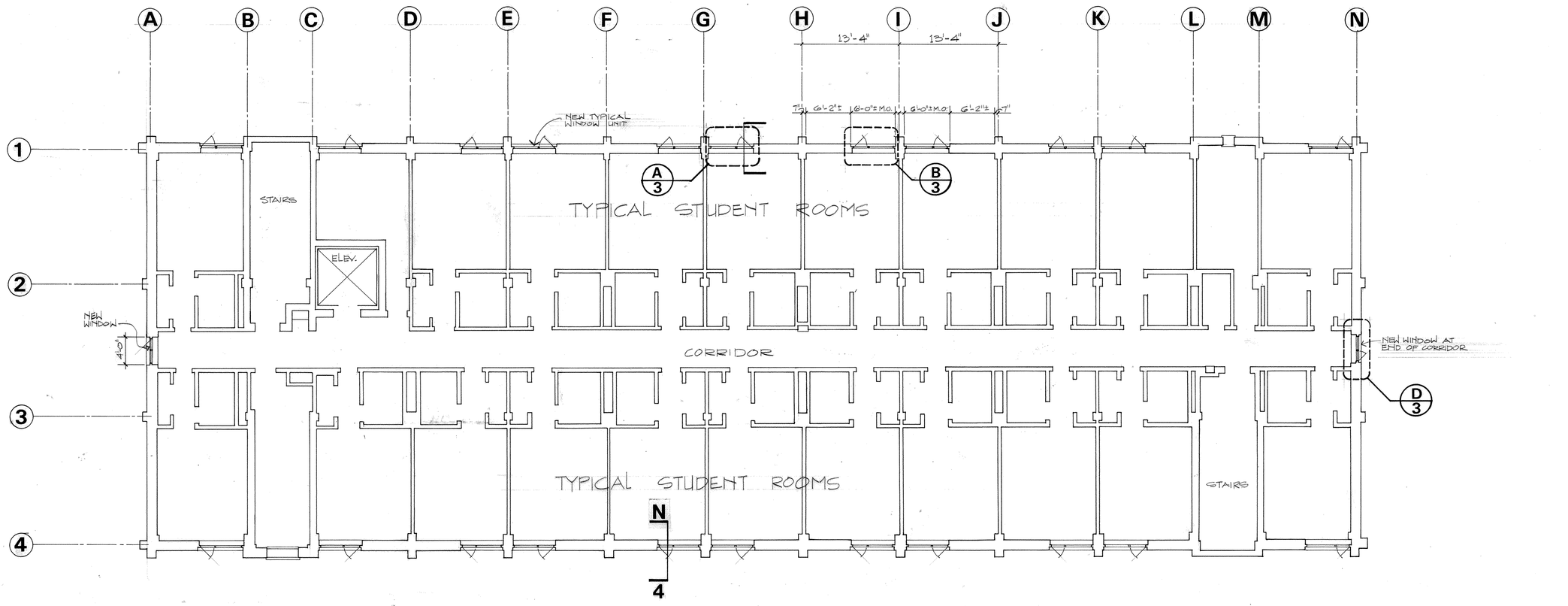
AS BUILT 3/1/84



A/1 FIRST FLOOR

1/8" = 1'-0"

NOTE: REMOVE EXISTING CURTAIN WALL CONSTRUCTION AND INSTALL NEW WALL CONSTRUCTION AS INDICATED.



B/1 TYP. UPPER FLOOR

1/8" = 1'-0"

NOTE: REMOVE EXISTING WINDOW CONSTRUCTION AND INSTALL NEW WINDOW CONSTRUCTION AS INDICATED.

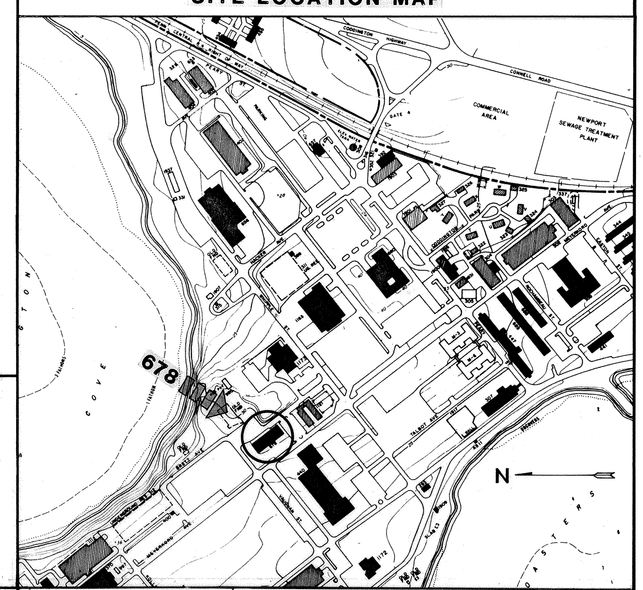
SUMMARY OF WORK

1. REMOVE EXISTING CURTAIN WALL WITH WINDOWS AND PANELS.
2. INSTALL NEW METAL STUD WALL AND GWB ASSEMBLY WITH GLASS FIBER BATT INSULATION.
3. INSTALL NEW METAL-CLAD WOOD WINDOW UNITS ON TOP OF METAL STUD WALL ASSEMBLY.
4. INSTALL INTERIOR WINDOW TRIM. PATCH OPENINGS AS REQUIRED.
5. PAINT NEW GWB AND WOOD WINDOWS AND TRIM.
6. INSTALL NEW CEMENT-LAMINA SYSTEM ON METAL STUD WALL ASSEMBLY.
7. TEMPORARILY REMOVE BRICK VENEER ON TOP OF CONCRETE BEAM. INSTALL NEW THRU-WALL FLASHING. REPLACE BRICK VENEER.
8. COAT ALL EXTERIOR BRICK MASONRY WITH TWO COATS SILICONE DAMPPROOFING.

NOTES

1. EXISTING INFORMATION FROM DRAWINGS OF CONSTRUCTION CONTRACT N62472-83-C-0108.
2. CONTRACTOR VERIFY ALL DIMENSIONS IN FIELD

SITE LOCATION MAP



N

ROGER E. GALLIHER No. 526 REGISTERED ARCHITECT

NETC DWG NO. 22931-236

GALLIHER SCHOENHARDT & BAIER · ARCHITECTS
SIMSBURY CONNECTICUT
DWN SCG DATE 7/23/82 AND 8/20/82
PARTNER REGalliher

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

EXTERIOR WALL IMPROVEMENTS
BUILDING NO. 678
NAVAL COMPLEX, NEWPORT RHODE ISLAND

FLOOR PLANS

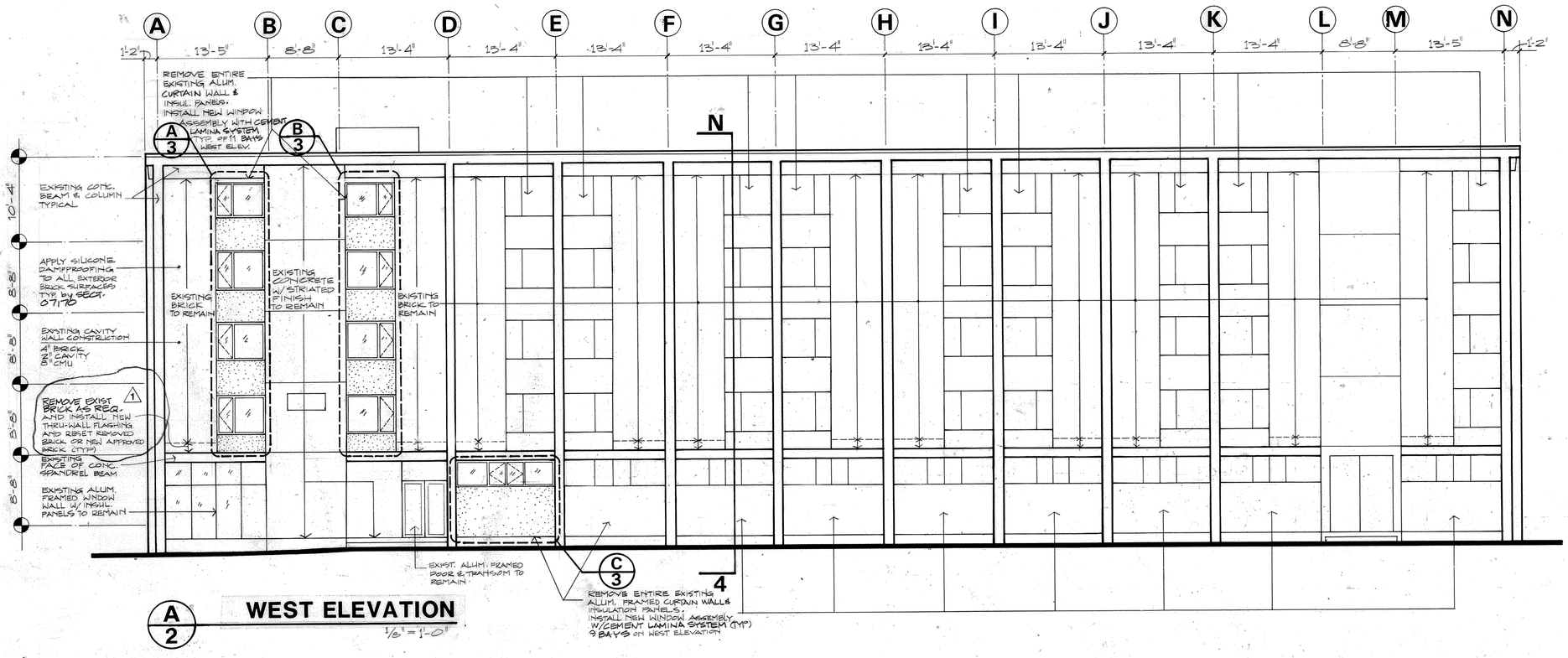
SATISFACTORY TO
DATE 8-2-82

PROJ MGR MK 30 JULY 1982
ENG DIR
APPROVED CAPT CEC USN 8.2.82
OFFICER IN CHARGE DATE

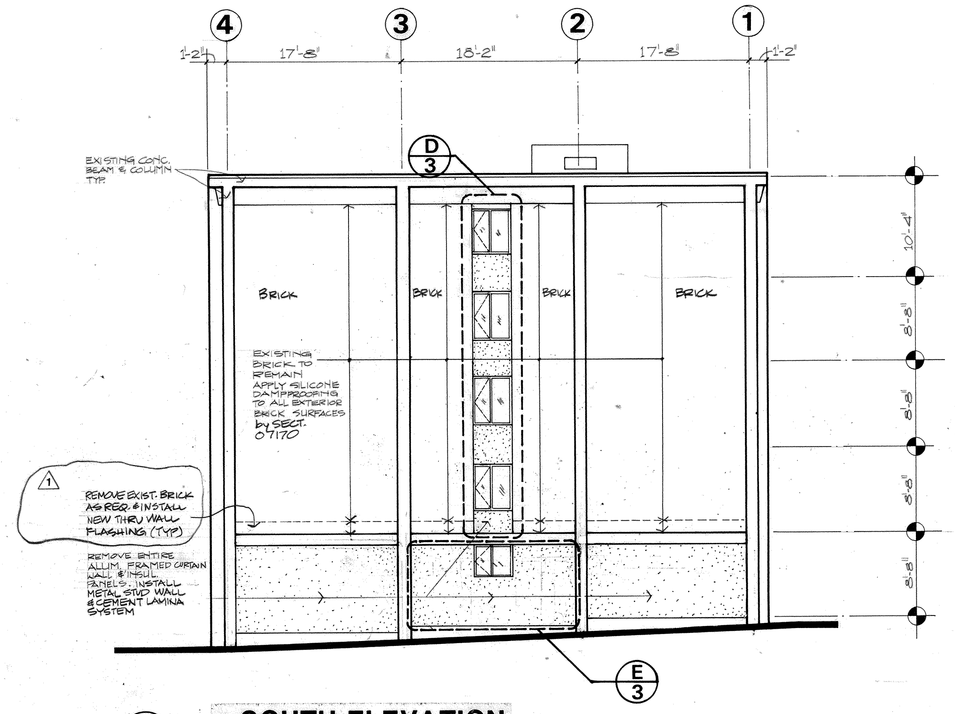
SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	2060431
		CONSTR. CONTR. NO. N62472-82-C-1756
SCALE 1/8"=1'-0"	SPEC 04-82-1788	SHEET 1 OF 4

REVISIONS				
LTR.	DESCRIPTION	PREP'D BY	DATE	APPROVED
1	EXISTING BRICK NOT REMOVED. EXISTING THRU WALL FLASHING REMAINED, EXCEPT FOR 5 BAYS ON EAST ELEVATION. SEE B/2)	ASMB	3/1/84	

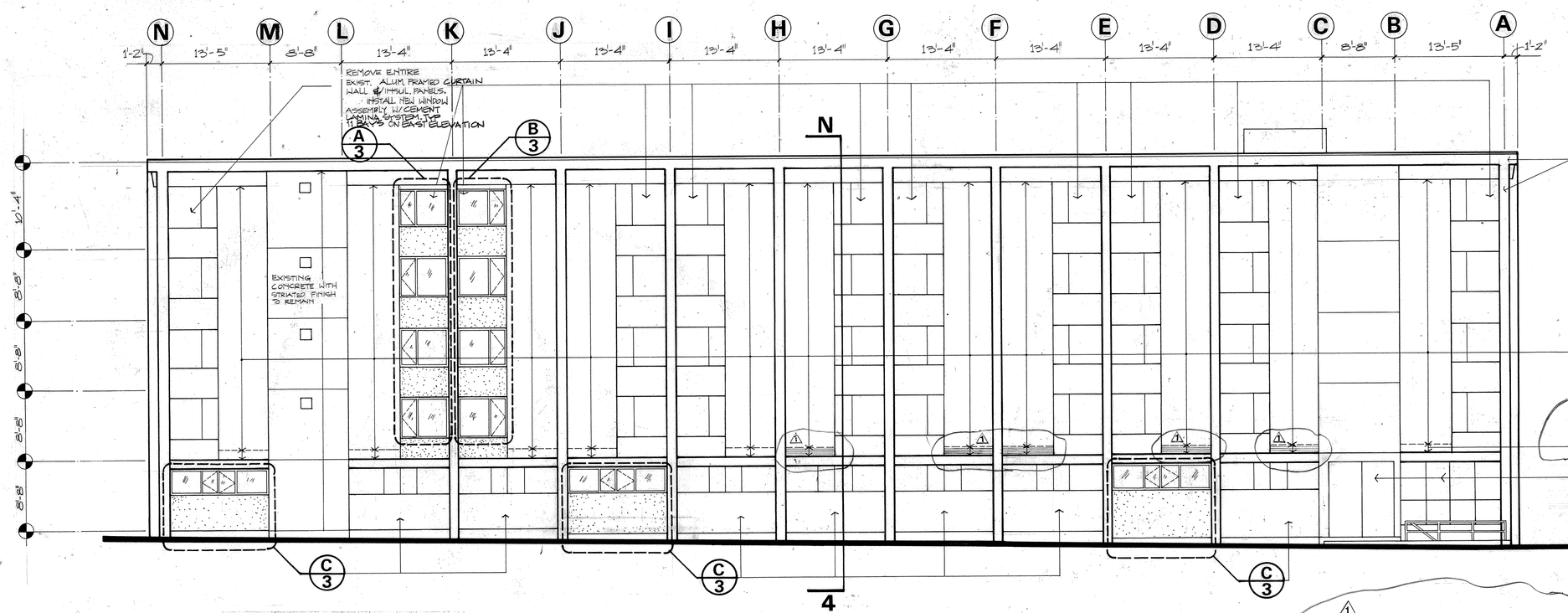
AS BUILT 3/1/84



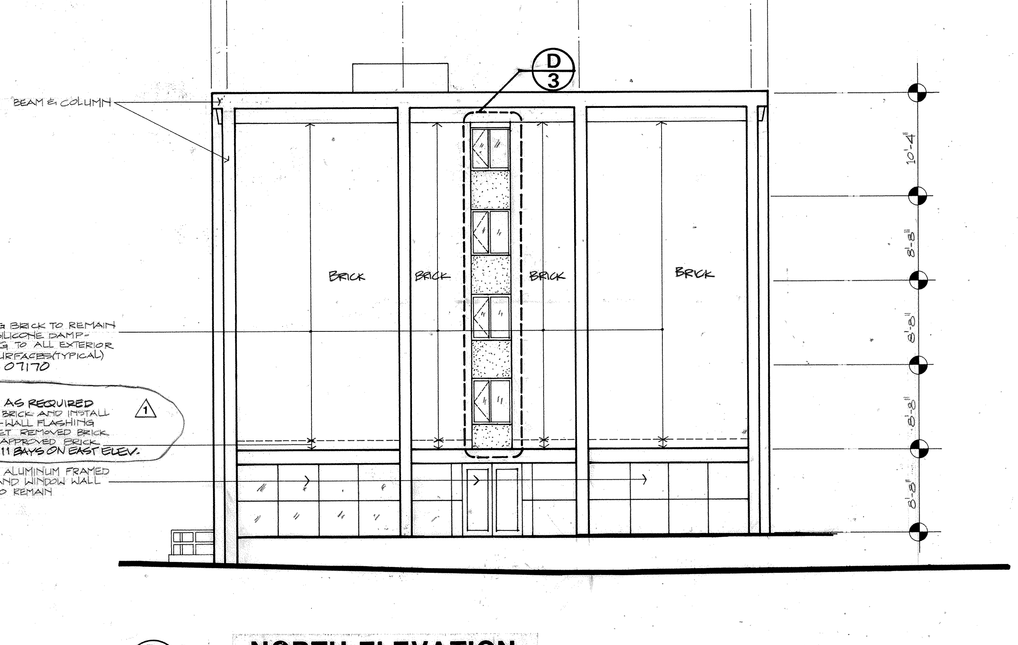
A/2 **WEST ELEVATION**
1/8" = 1'-0"



C/2 **SOUTH ELEVATION**
1/8" = 1'-0"



B/2 **EAST ELEVATION**
1/8" = 1'-0"



D/2 **NORTH ELEVATION**
1/8" = 1'-0"

1

REMOVED & REPLACED EVS SECTIONS ONLY OF BRICK WORK ON EAST ELEVATION TO EXPOSE & INSPECT FLASHING. IT WAS AGREED BY MR. GALLIHER FROM ARCHITECTURAL FIRM OF GALLIHER SCHOENHARDT & BAIER, MR. LOU PAYAN (PROJECT MANAGER) & MR. ROGER DeSOTO (FIELD INSPECTOR) THAT THE FLASHING WAS NOT THE CAUSE OF VARIOUS BUILDING LEAKS. REMOVAL OF BRICK WORK & REPLACING WITH NEW BRICK & FLASHING WAS ELIMINATED FROM CONTRACT

ROGER E. GALLIHER No. 526 REGISTERED ARCHITECT

SATISFACTORY TO
DATE 8-2-82

NETC DWG NO. 22932-236

GALLIHER SCHOENHARDT & BAIER · ARCHITECTS
SIMSBURY CONNECTICUT
DWN SCG DATE 30 July 82 JOB NO. 82058
PARTNER

PROJ MGR 30 July 1982
ENG DIR 8/1/82
APPROVED CAPT CEC USN 8-2-82
OFFICER IN CHARGE DATE

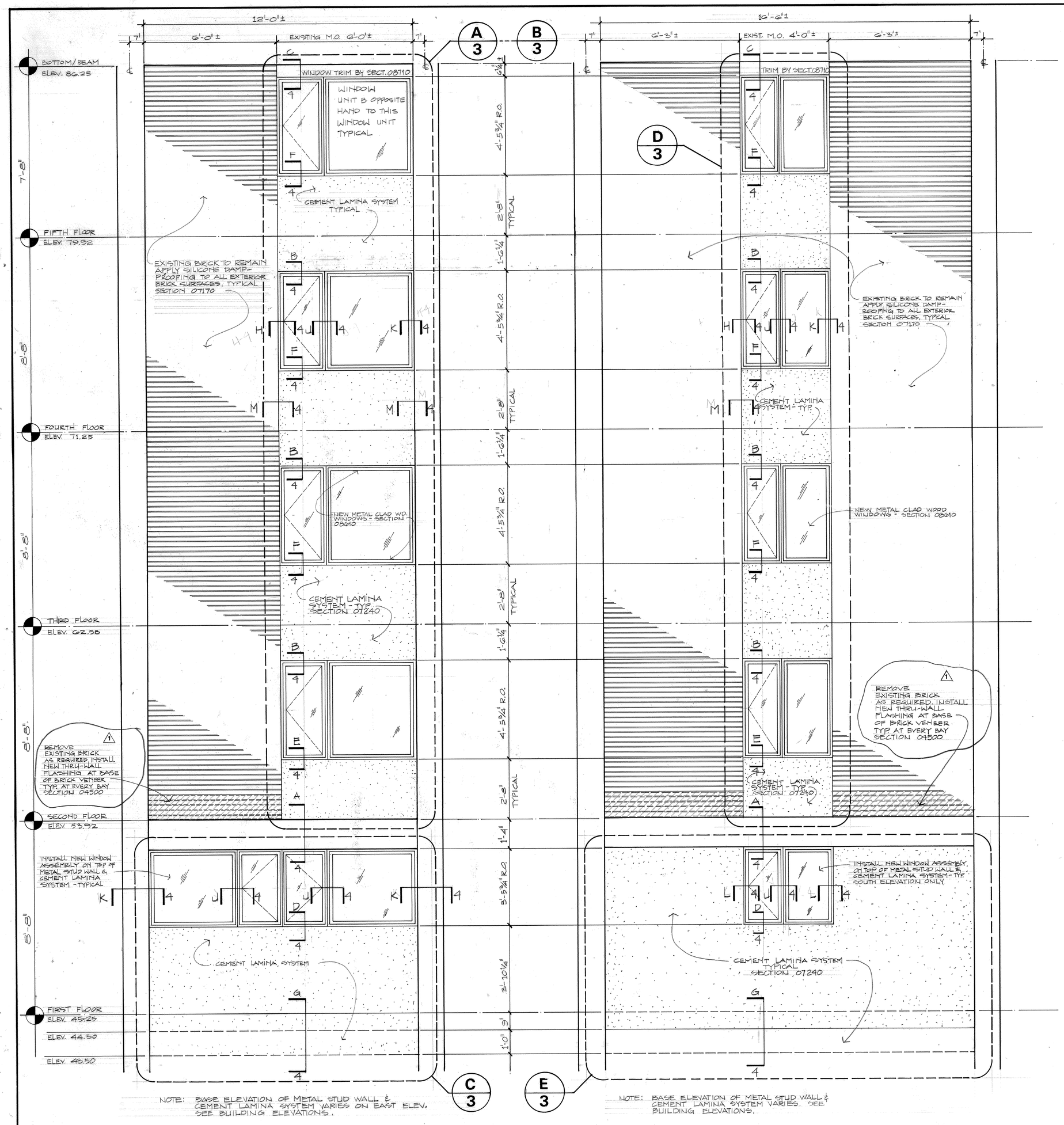
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

EXTERIOR WALL IMPROVEMENTS
BUILDING NO. 678
NAVAL COMPLEX, NEWPORT RHODE ISLAND
BUILDING ELEVATIONS

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	2060432

CONSTR. CONTR. NO. N62472-82-C-1756
SCALE: 1/8"=1'-0" SPEC 04-82-1756 SHEET 2 OF 4

REVISIONS				
LTR.	DESCRIPTION	PREP'D BY	DATE	APPROVED
1	EXISTING BRICK NOT REMOVED - EXISTING THRU WALL FLASHING REMAINED (EXCEPT FOR 5 BAYS ON EAST ELEVATION SEE B/2) AS BUILT 3/1/84	GSGB	3/1/84	



NOTE: BASE ELEVATION OF METAL STUD WALL & CEMENT LAMINA SYSTEM VARIES ON EAST ELEV. SEE BUILDING ELEVATIONS.

NOTE: BASE ELEVATION OF METAL STUD WALL & CEMENT LAMINA SYSTEM VARIES. SEE BUILDING ELEVATIONS.

NEW TYPICAL BAY at EAST & WEST ELEVATIONS

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

NOTE: WINDOW ASSEMBLY B IS OPPOSITE HAND OF WINDOW ASSEMBLY A

NEW TYPICAL BAY at NORTH & SOUTH ELEVATIONS

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

NOTE: VERIFY ALL DIMENSIONS AT JOB. SEE DRAWING 4 FOR DETAILS.

ROGER E. GALLIHER No. 526 REGISTERED ARCHITECT

NETC DWG NO. 22933-236

GALLIHER SCHOENHARDT & BAIER . ARCHITECTS
SIMSBURY CONNECTICUT
DWN SCG DATE 28 July 82 No. 8205-G
PARTNER R E Galliher
PROJ MGR Lee 30 July 1982
ENG DIR R E Galliher 8/2/82
APPROVED W M Jamon CAPT, CEC USN 8-2-82
OFFICER IN CHARGE DATE

SATISFACTORY TO W M Jamon
DATE 8-2-82

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

EXTERIOR WALL IMPROVEMENTS
BUILDING NO. 678
NAVAL COMPLEX, NEWPORT RHODE ISLAND

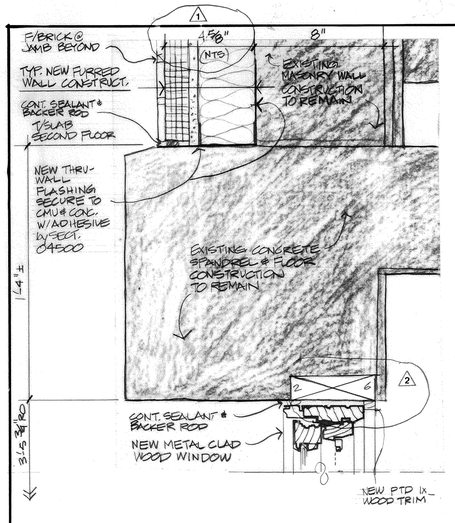
WALL ELEVATIONS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	2060433

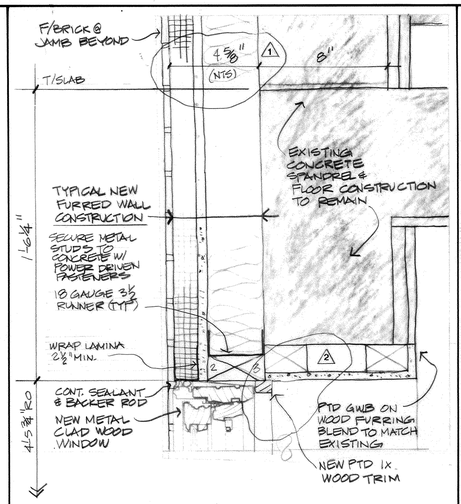
CONSTR. CONTR. NO. N62472-82-C-1756
SCALE 1/4"-1'-0" SPEC. 04-82-1756 SHEET 3 OF 4

REVISIONS				
LTR.	DESCRIPTION	PREP'D BY	DATE	APPROVED
1	STUD CHANGED FROM 3 5/8" to 2 1/2"	GSGB	3/1/84	
2	REVISED WOOD TRIM	GSGB	3/1/84	

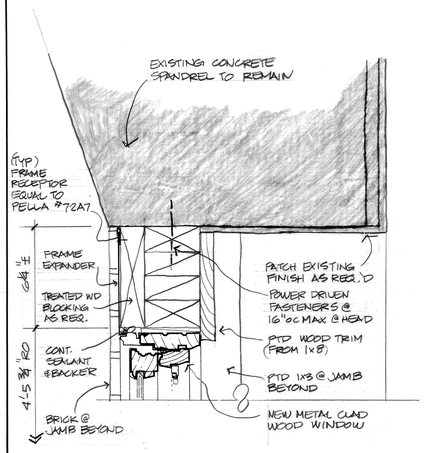
AS BUILT 3/11/84



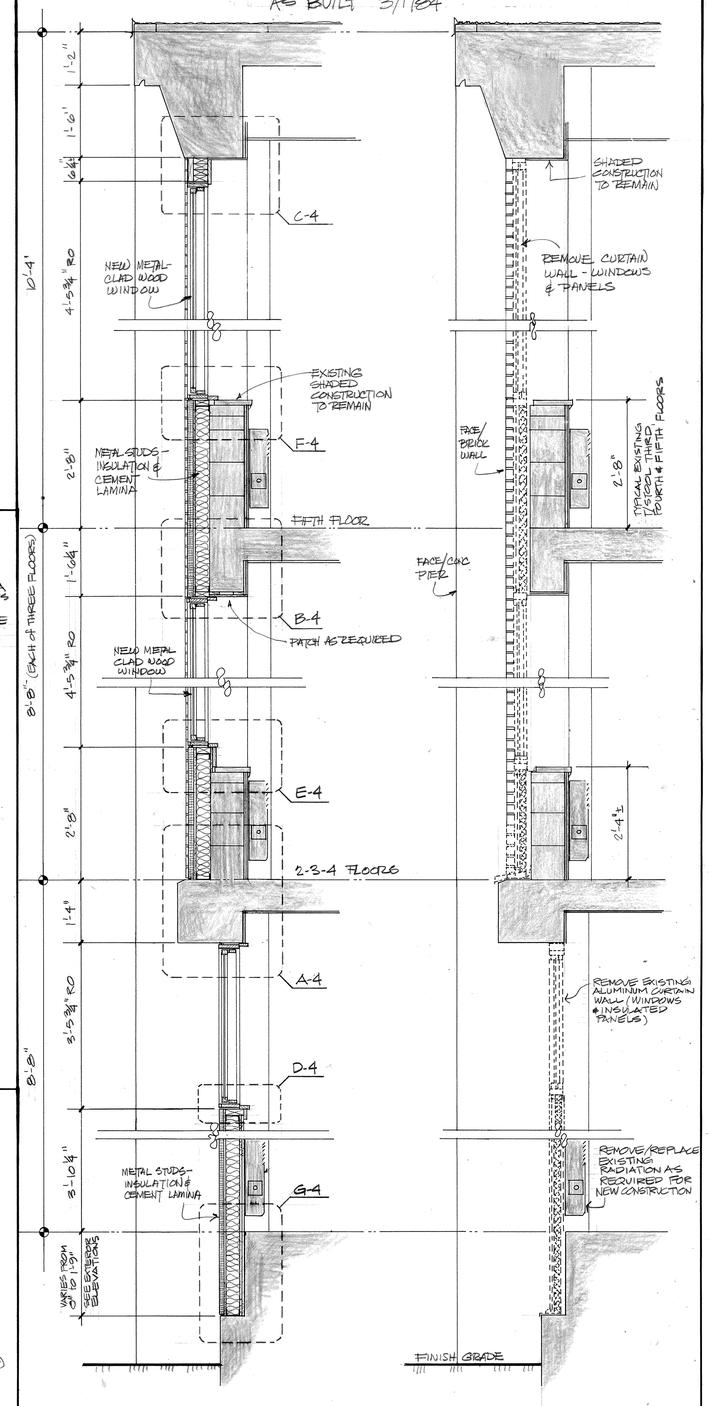
A **FIRST FLOOR HEAD**
SCALE: 3"=1'-0"



B **2-3-4 FLOOR HEAD**
SCALE: 3"=1'-0"

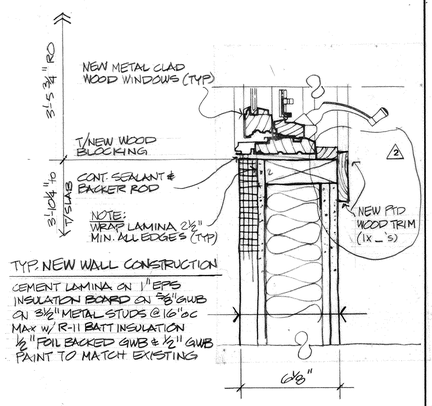


C **FIFTH FLOOR HEAD**
SCALE: 3"=1'-0"

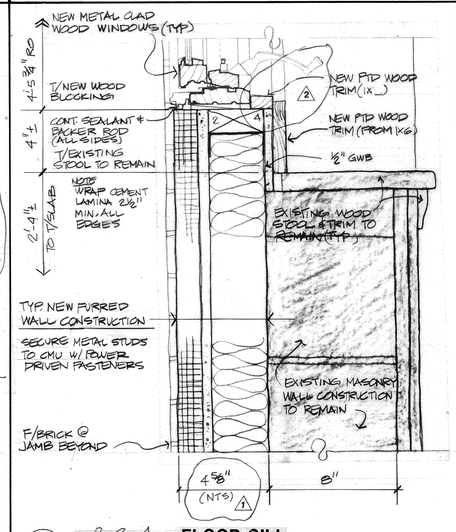


N **NEW WALL SECTION**
SCALE: 3/4"=1'-0"

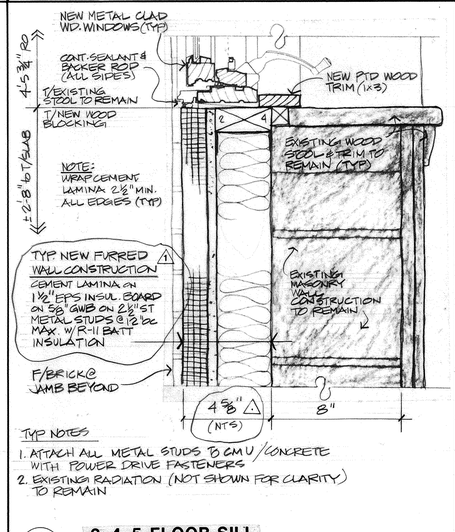
P **EXISTING WALL SECTION**
SCALE: 3/4"=1'-0"



D **FIRST FLOOR SILL**
SCALE: 3"=1'-0"

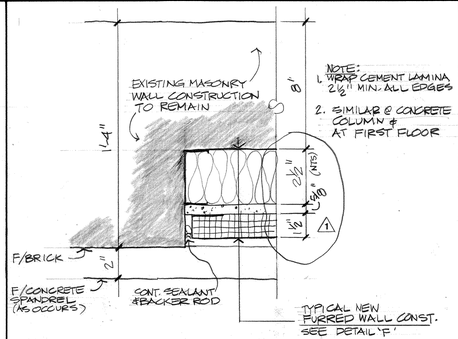


E **2-3-4 FLOOR SILL**
SCALE: 3"=1'-0"

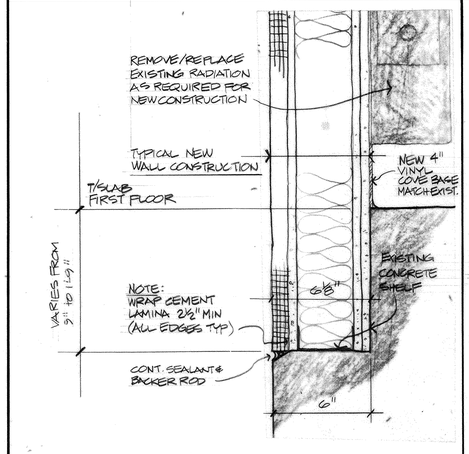


TYP NOTES
1. ATTACH ALL METAL STUDS TO CMU/CONCRETE WITH POWER DRIVE FASTENERS
2. EXISTING RADIATION (NOT SHOWN FOR CLARITY) TO REMAIN

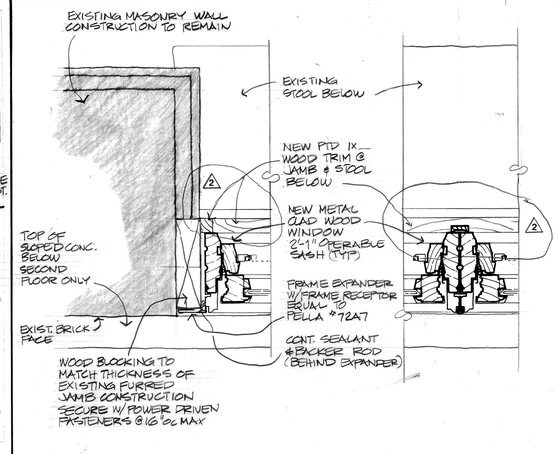
F **3-4-5 FLOOR SILL**
SCALE: 3"=1'-0"



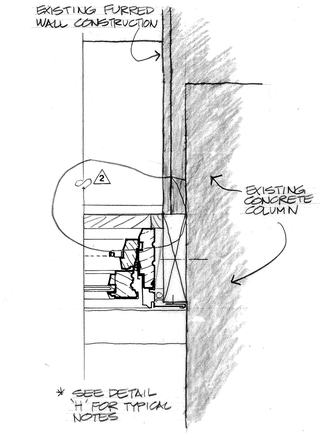
M **CEMENT LAMINA JAMB**
SCALE: 3"=1'-0"



G **FIRST FLOOR BASE**
SCALE: 3"=1'-0"

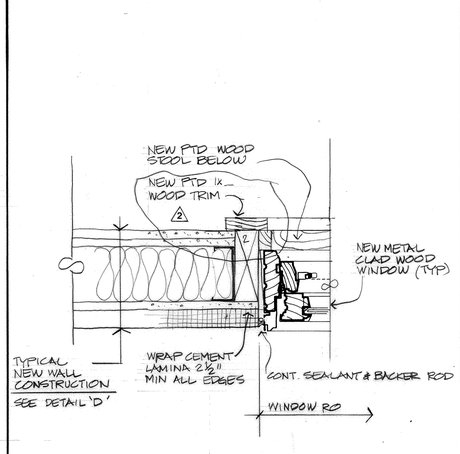


H **TYPICAL BRICK JAMB**
SCALE: 3"=1'-0"



K **TYPICAL CONCRETE JAMB**
SCALE: 3"=1'-0"

J **JOINING MULLION**
SCALE: 3"=1'-0"



L **NEW WALL CONSTRUCTION JAMB**
SCALE: 3"=1'-0"

THOMAS E. GALLIHER No. 526 REGISTERED ARCHITECT

SATISFACTORY TO
DATE 8-2-82

NETC
DWG NO. **22934-236**

GALLIHER SCHOENHARDT & BAIER . ARCHITECTS
SIMSBURY CONNECTICUT
DWN VN DATE 7/1/82 JOB NO. 8205
PARTNER

PROJ MGR 30 July 1982
ENG DIR
APPROVED
OFFICER IN CHARGE 8-2-82 DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

EXTERIOR WALL IMPROVEMENTS
BUILDING NO. 678
NAVAL COMPLEX, NEWPORT RHODE ISLAND

WALL DETAILS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	2060434

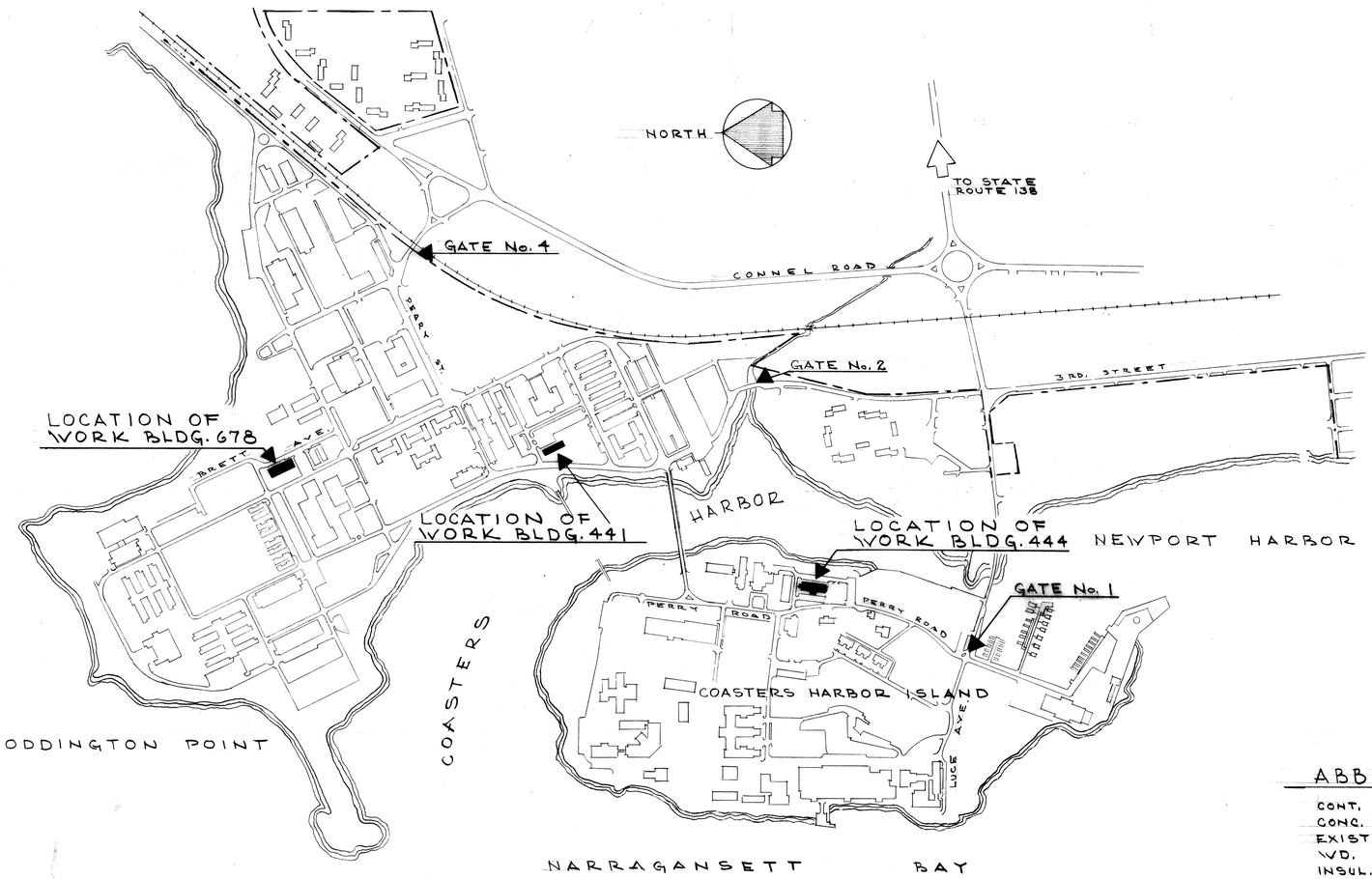
CONSTR. CONTR. NO. N62472-82-C-1756
SCALE: AS INDICATED SPEC. 04-32-1756 SHEET 4 OF 4

REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED
		AS BUILT 9-25-87 NO CHANGE	5-6-98	ND

ROOF REPLACEMENT FOR BUILDINGS NO. 441, NO. 444, AND NO. 678

N62472·86·C·1643

NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND



LOCATION PLAN

SCALE 1" = 400'

INDEX TO DRAWINGS

A1	TITLE SHEET
A2	BUILDING No. 441
A3	BUILDING No. 444
A4	BUILDING No. 678
A5	EXT. BLDG. ELEVATIONS & WIND LOAD RF. PLANS

ABBREVIATIONS

CONT.	CONTINUOUS
CONC.	CONCRETE
EXIST'G	EXISTING
WD.	WOOD
INSUL.	INSULATION
SQ.	SQUARE
ST.	STEEL
RF.	ROOF
O.C.	ON CENTERS
BLOCK'G	BLOCKING
MET.	METAL

OLIVER C. JOHNSON No 852 REGISTERED ARCHITECT

McLEISH & JOHNSON, ARCH.
655 MAIN ST. E. GREENWICH
RHODE ISLAND
DWN. J DATE 8-25-86
PARTNER DATE

NETC DWG. NO. 25682-253
NETC SK. NO.
DSGN
DR.
BR. WJ CHARLIN 2/27/86
DIR. DATE
APPROVED DATE 3/6/86

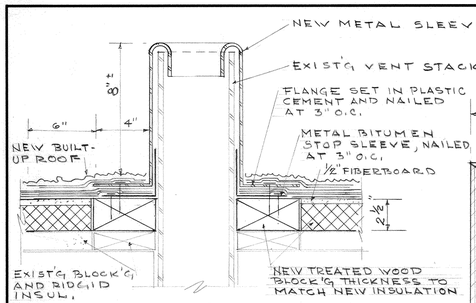
SATISFACTORY TO

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND
ROOF REPLACEMENT FOR
BUILDINGS No. 441, No. 444 & No. 678
LOCATION PLAN & INDEX TO DRAWINGS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	2098079 A1

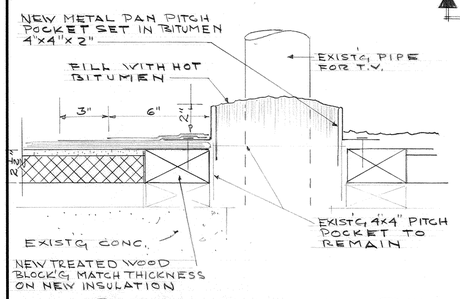
CONSTR. CONTR. NO. N62472-86-C-1643
SCALE: AS SHOWN SPEC. 04-86-1643 SHEET 1 OF 5

REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED
1		AS BUILT 9-25-87	5-6-98	MD



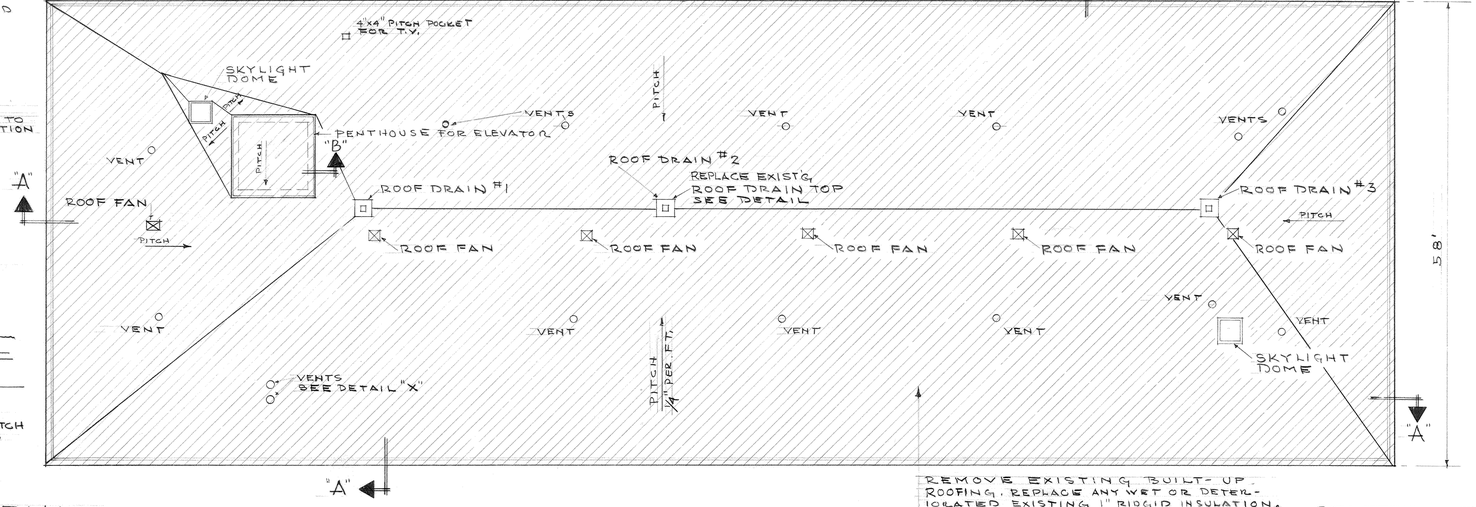
DETAIL OF ROOF VENT

SCALE 3"=1'-0"



NEW PITCH POCKET DETAIL

SCALE 3"=1'-0"

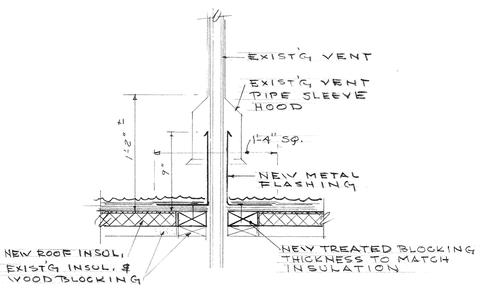


ROOF PLAN BUILDING No. 678

SCALE 1/8" =1'-0"

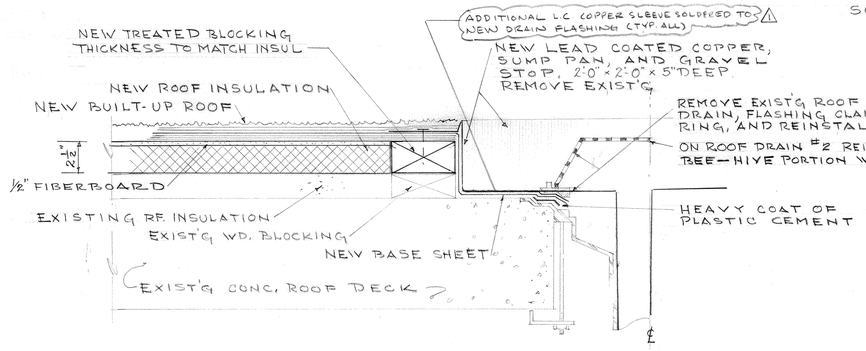
REMOVE EXISTING BUILT-UP ROOFING, REPLACE ANY WET OR DETERIORATED EXISTING 1" RIDGID INSULATION. ASSUME 500 S.F. FOR REPLACEMENT. PROVIDE NEW ADDITIONAL ROOF INSULATION ½" FIBERBOARD, AND NEW BUILT-UP ROOF.

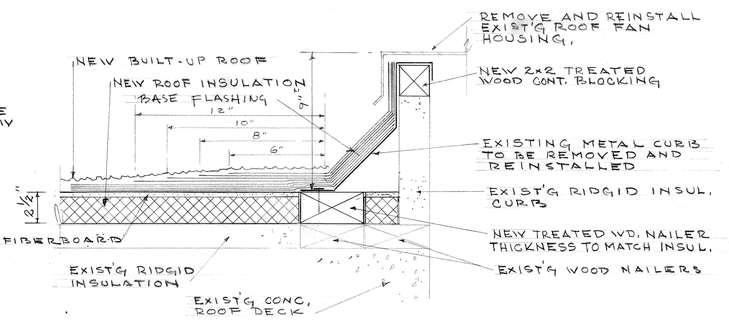
ROOF OF BUILDING IS APPROX. 47'± ABOVE GRADE.

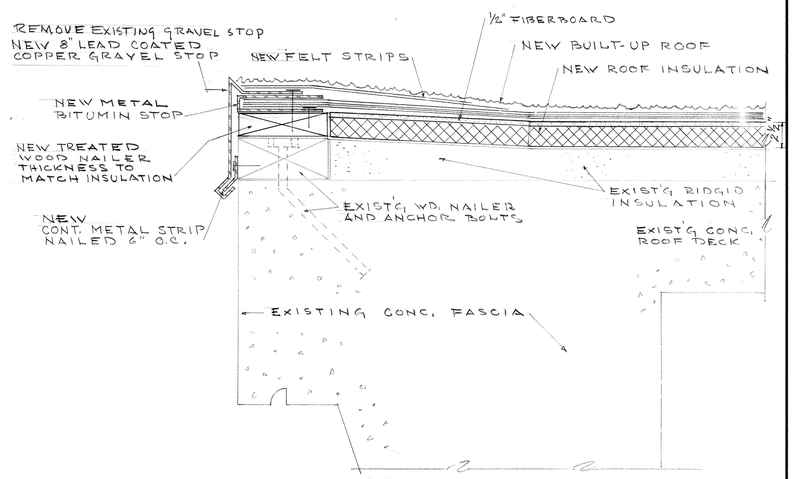


DETAIL "X" OF ROOF VENT

SCALE 1½"=1'-0"





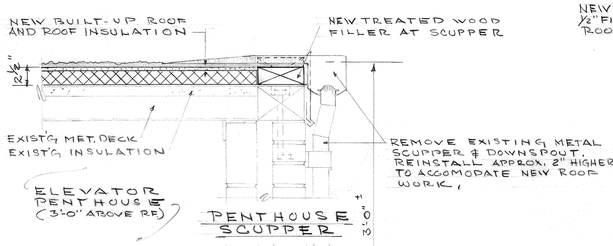


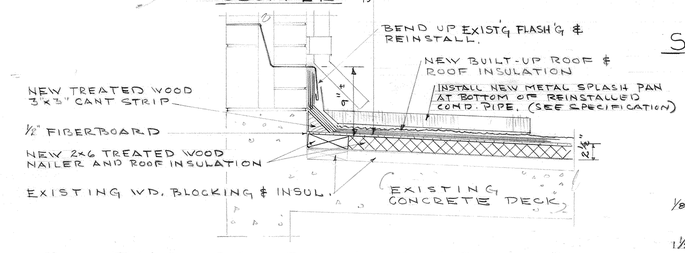
SECTION "A" THRU CORNICE

SCALE 3"=1'-0"

DETAIL OF ROOF DRAINS

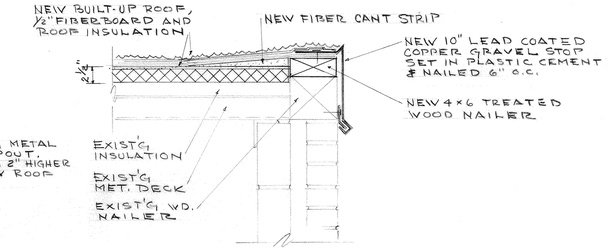
SCALE 3"=1'-0"





PENTHOUSE BASE FLASHING

SCALE 1½"=1'-0"



SECTION "B" THRU PENTHOUSE

SCALE 1½"=1'-0"

GRAPHIC SCALES

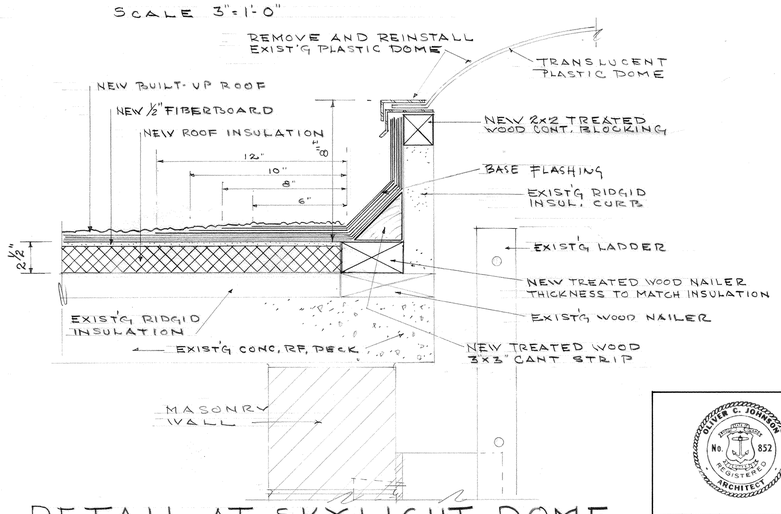
1/8"=1'-0" 1' 0' 5' 10' 15' 20' 25' 30' 35' 40'

1½"=1'-0" 1' 9" 6" 3" 0' 1' 2' 3'

3"=1'-0" 1' 9" 6" 3" 0' 1'

DETAIL OF ROOF FAN CURBING

SCALE 3"=1'-0"



DETAIL AT SKYLIGHT DOME

SCALE 3"=1'-0"

OLIVER G. JOHNSON No. 852 REGISTERED ARCHITECT

McLEISH & JOHNSON, ARCH.
655 MAIN ST. E. GREENWICH
RHODE ISLAND
DWN. JJ DATE 2-25-86
PARTNER

NETC DWG. NO. 25685-253
NETC SK. NO.
DSGN
DR.
BR. LUCHAPUN 2/27/86
DIR. PE 3/6/86
APPROVED DATE
3/6/86

SATISFACTORY TO
DATE

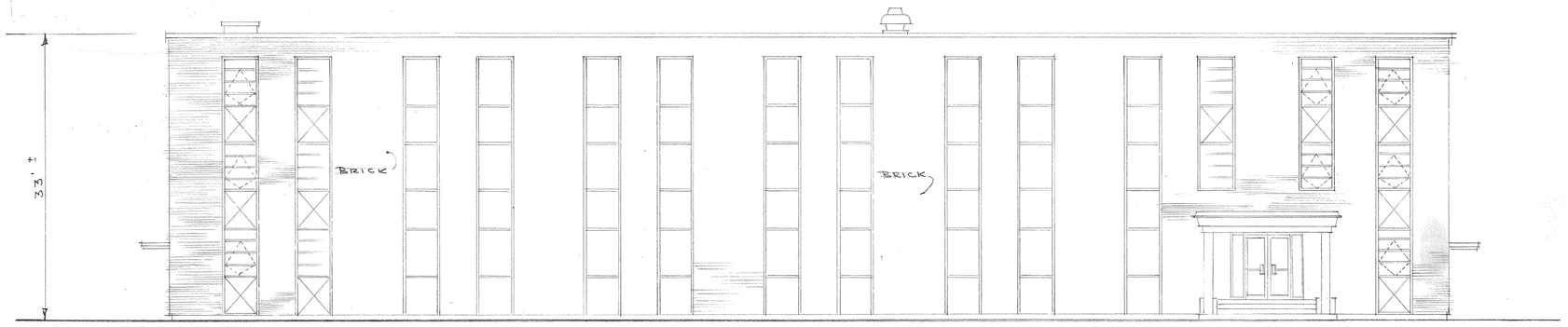
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

ROOF REPLACEMENT FOR BUILDINGS No. 441, No. 444 & No. 678

PLANS AND DETAILS BUILDING No. 678

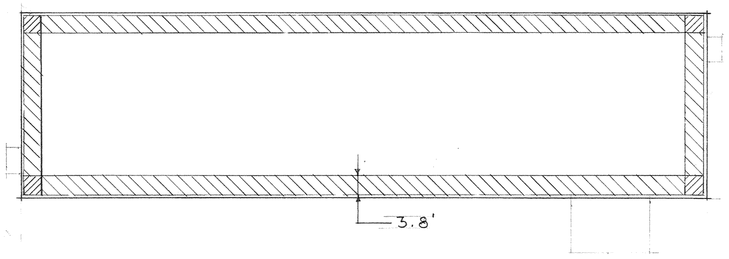
SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 2098082 A4
CONSTR. CONTR. NO. N62472-86-C-1643
SCALE: AS SHOWN | SPEC 04-86-1643 | SHEET 4 OF 5

REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED
		AS BUILT 9-25-87 NO CHANGE	5-6-98	MD



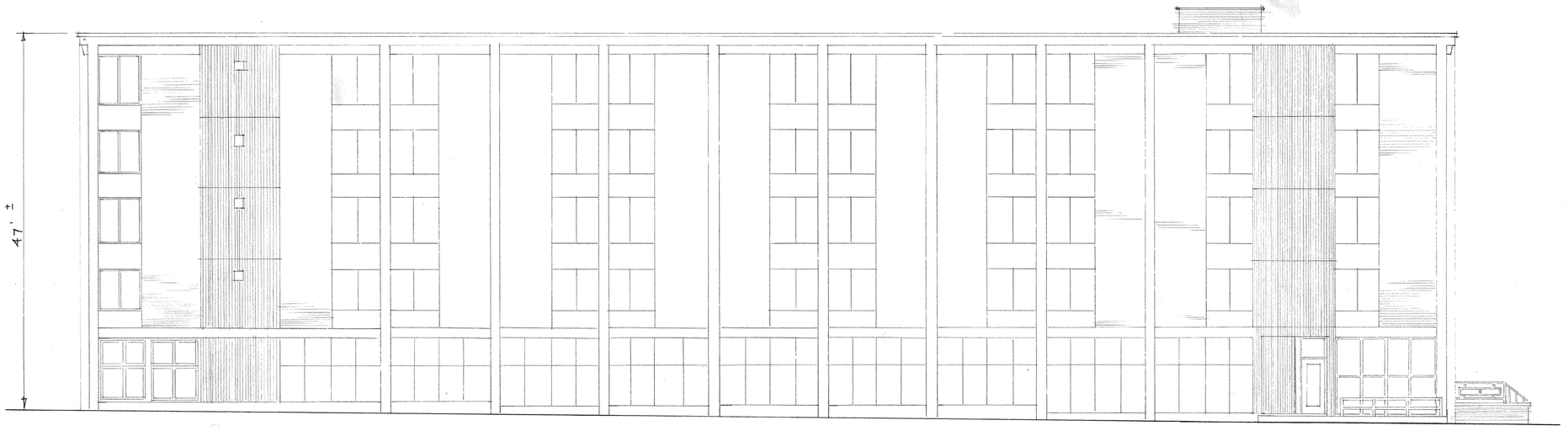
WEST ELEVATION BLDG. No. 441

SCALE 1/8"=1'-0"



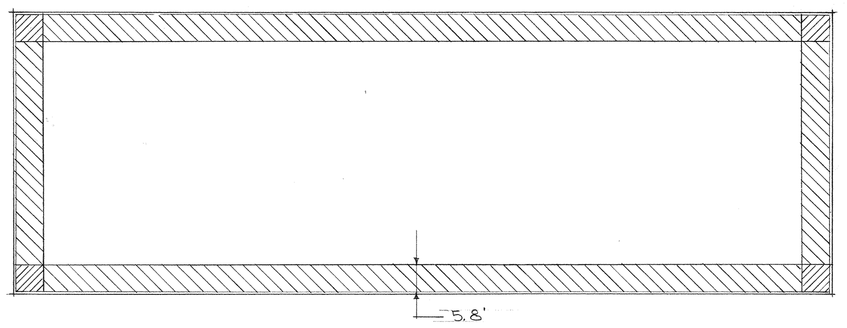
BLDG. No. 441 WIND LOAD ROOF PLAN

SCALE 1/16"=1'-0"



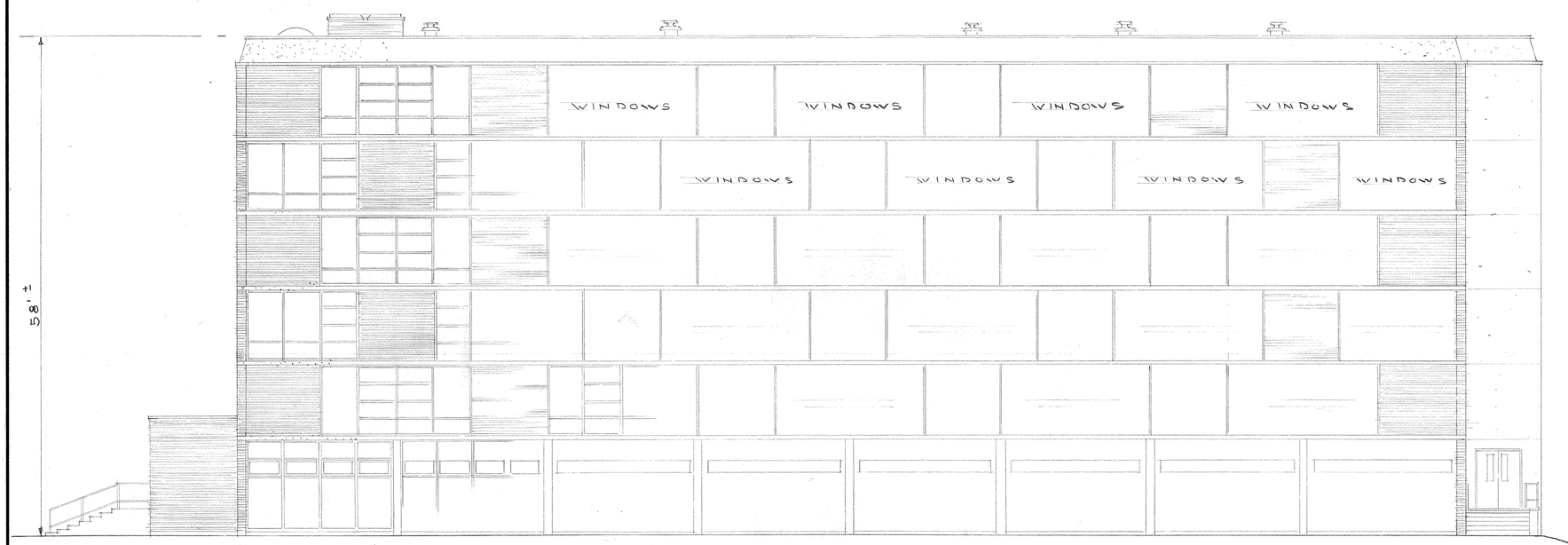
EAST ELEVATION BLDG. No. 678

SCALE 1/8"=1'-0"



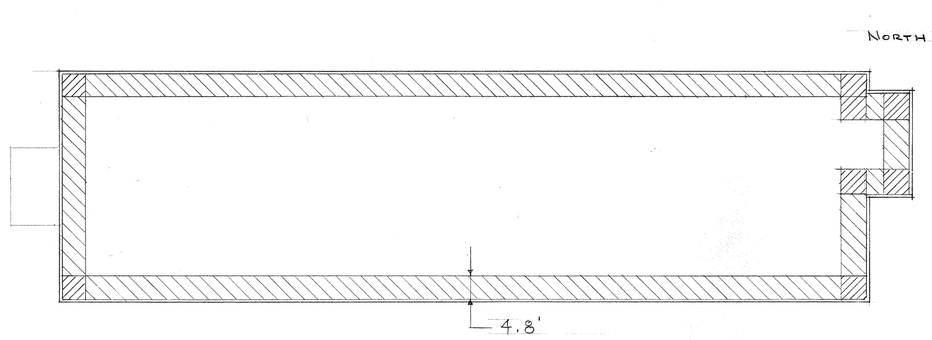
BLDG. No. 678 WIND LOAD ROOF PLAN

SCALE 1/16"=1'-0"



WEST ELEVATION BLDG No. 444

SCALE 1/8"=1'-0"



BLDG. No. 444 WIND LOAD ROOF PLAN

SCALE 1/16"=1'-0"

GRAPHIC SCALES

1/16"=1'-0" 10' 0' 10' 20' 30' 40' 50' 60' 70' 80'

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

WIND LOAD LEGEND

ROOF CORNERS 200 LB/SQ.FT.

ROOF PERIMETER STRIP 96 LB/SQ FT

ROOF BODY 60 LB./SQ. FT.

OLIVER C. JOHNSON No. 852 REGISTERED ARCHITECT

McLEISH & JOHNSON, ARCH.
655 MAIN ST. E. GREENWICH
RHODE ISLAND
DWN. JH DATE 2-25-86
PARTNER Richard C. McLeish

NETC DWG. NO. 25686-253
NETC SK. NO.
DSGN
DR.
BR. MWCLEARN 2/27/86
DIR. [illegible] 3/5/86
APPROVED DATE
D.R. Schaffer 3/6/86

SATISFACTORY TO
DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

ROOF REPLACEMENT FOR BUILDINGS No. 441, No. 444 & No. 678

BUILDING ELEVATIONS AND WIND LOAD ROOF PLANS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	80091	2098083 A5

CONSTR. CONTR. NO. N62472-86-C-1643

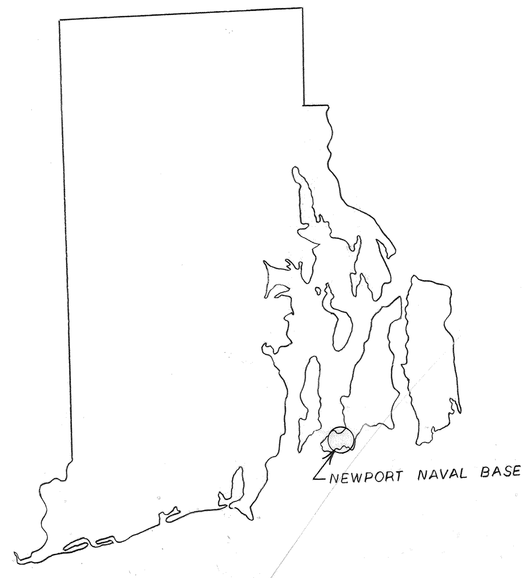
SCALE: AS SHOWN SPEC. 04-86-1643 SHEET 5 OF 5

REVISIONS				
LTR	DESCRIPTION	PREP'D BY	DATE	APPROVED
	AS BUILT	S.B.	4/28/86	D.B.

SMOKE DETECTORS UOPH NO'S 172, 442, 443, 444, 678, 685 & 18

NAVAL EDUCATION AND TRAINING CENTER

NEWPORT, RHODE ISLAND



RHODE ISLAND STATE MAP N.T.S.

EXISTING FIRE ALARM CONDUIT SYSTEMS

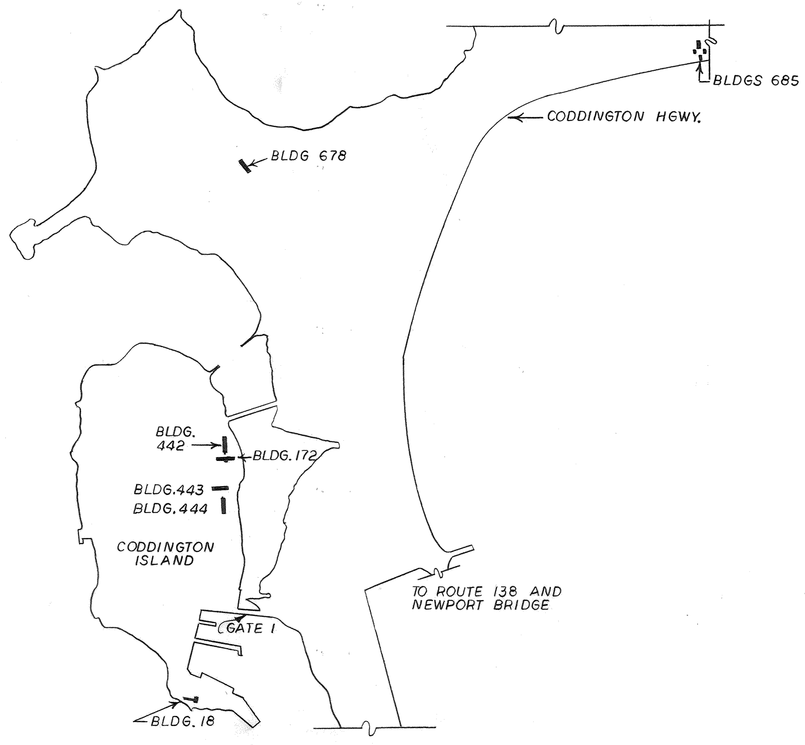
BLDGS. 442, 444 – CONDUIT SYSTEM RISES VERTICALLY THRU EACH PULL STATION AND BELL FROM THE CRAWL SPACE TO THE TOP FLOOR. NO CONDUIT SIZES INDICATED.

BLDG. 172 – 3/4" CONDUIT SYSTEM RISES VERTICALLY THRU EACH PULL STATION AND BELL FROM A CABLE TRAY IN THE CRAWL SPACE TO THE TOP FLOOR. A 1-1/2 CONDUIT CONNECTS THE FIRE ALARM CONTROL PANEL TO THE CABLE TRAY.

BLDG. 18 – NO EXISTING SYSTEM.

BLDGS. 685, 443 – RISER CONFIGURATION INDETERMINATE FROM FIELD DETERMINATION AND REVIEW OF EXISTING DRAWINGS.

BLDG. 678 – 1ST FLOOR, ALL DEVICES CONNECTED LATERALLY. 2ND AND 3RD FLOORS SHARE A COMMON RISER, 4TH AND 5TH FLOORS SHARE A COMMON RISER, ALL DEVICES ON A GIVEN FLOOR ARE CONNECTED LATERALLY.



PARTIAL BASE PLAN N.T.S.

LEGEND

- FA — FIRE ALARM BELL – 84" AFF – H DENOTES HORN/LIGHT UNIT
- F — FIRE ALARM PULL STATION – 52" AFF
- FA — FIRE ALARM MASTER BOX – EXISTING UNLESS NOTED (BUILDING 18)
- (H) — AREA TO BE PROTECTED WITH HEAT DETECTION
  F DENOTES FIXED TEMPERATURE
  R DENOTES RATE OF RISE
- (1) — REFER TO NOTE NUMBER (1), ETC.
- FAC — FIRE ALARM CONTROL PANEL
- FAB — FIRE ALARM BATTERY
- FAA — FIRE ALARM ANNUNICATOR
- H — MAGNETIC DOOR HOLDER
- ▲ — CONNECTION TO EQUIPMENT
- DISCONNECT SWITCH – 2 WIRE, 30A, SN
- N.T.S. — NOT TO SCALE
- A FF — ABOVE FINISHED FLOOR
- (S) — AREA TO BE PROTECTED WITH SMOKE DETECTION
  D DENOTES INDIVIDUAL DETECTOR USED FOR SMOKE DOOR CONTROL
  AC DENOTES INDIVIDUAL AC POWERED SINGLE STATION DETECTOR
- AUX. — NEW AUXILIARY FIRE ALARM CONTROL PANEL
- (L) — INTERIOR STROBE LIGHT – 84" AFF

NOTES

1. INDIVIDUAL DETECTION DEVICES (SMOKE & HEAT) INDICATED ON THE DRAWINGS DENOTE AREAS TO BE PROTECTED AND DO NOT IN ANY WAY ATTEMPT TO SHOW THE NUMBER OF DEVICES TO BE INSTALLED WITHIN THE AREA.
2. ALL DEVICES INDICATED AS "EXISTING" ARE SHOWN ON THE CONTRACT DRAWINGS, IN THE ACTUAL QUANTITIES THAT ARE INSTALLED.
3. PROVIDE TROUBLE AND LOW BATTERY VOLTAGE INDICATION IN ALL REMOTE ANNUNCIATORS.
4. EXISTING DEVICE TO REMAIN. SEE NOTE (2) FOR QUANTITY.
5. EXISTING DEVICE TO BE REMOVED. SEE NOTE (2) FOR QUANTITY.
6. EXISTING DEVICE TO BE REMOVED AND REPLACED WITH NEW DEVICE OR DEVICES OF THE SAME TYPE (PER PROJECT SPECIFICATIONS). SEE NOTE (2) FOR QUANTITY OF EXISTING DEVICES.
7. PROVIDE NEW DEVICE. SEE NOTE (1).

GRAPHIC SCALES

CHECK GRAPHIC SCALES BEFORE USING

THE STATE OF NEW HAMPSHIRE — EDWARD J. GIBSON NO. 4760 — REGISTERED PROFESSIONAL ENGINEER

LEE F. CARROLL, PE.
ELECTRICAL CONSULTANTS
GORHAM, N.H. 03581

DSGN EJG DR KIM CHK LFC
SUPV CH ENGR
SUBMITTED BY Lee F. Carroll, PE
FIRM MEMBER
NORTHDIV HD
DM HD
FPE DIR
APPROVED DATE
OFFICER IN CHARGE
SATISFACTORY TO DATE Fonecon J. Bellivieau 5/8/84
APPROVED DATE 5/10/84
NORTHDIV FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NORTHERN DIVISION
NAVAL BASE PHILADELPHIA, PA

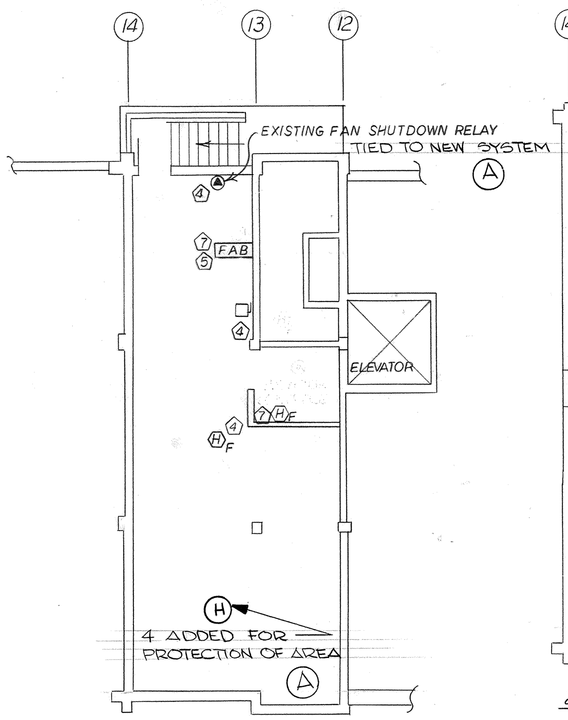
N.E.T.C. NEWPORT, R.I.
SMOKE DETECTORS, VARIOUS BUILDINGS (172, 442, 443, 444, 678, 685, 18)
TITLE, LEGEND AND SITE

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	2065725

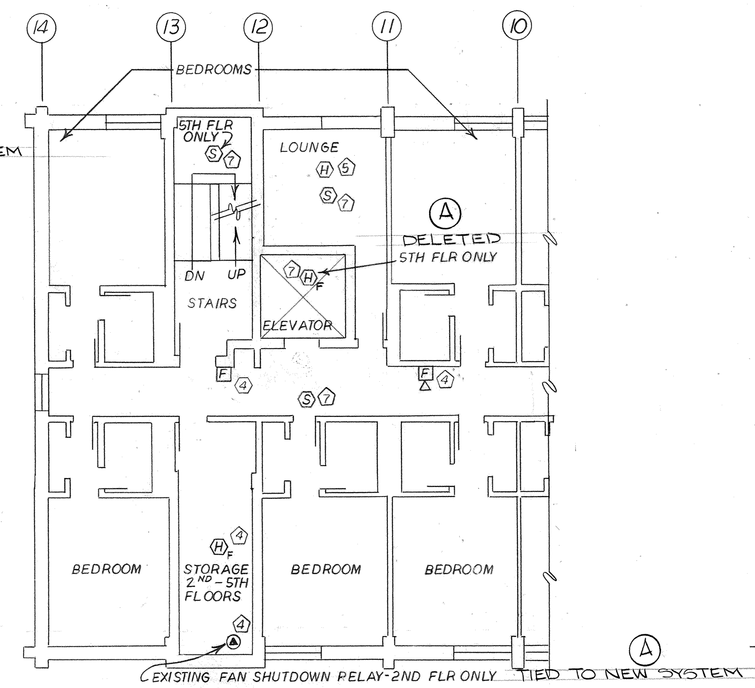
CONSTR. CONTR. NO. N62472-81-C-0547
SCALE NONE
SPEC. 04-81-0547
SHEET E-1 OF 9

NETC DWG. NO. 25879-255

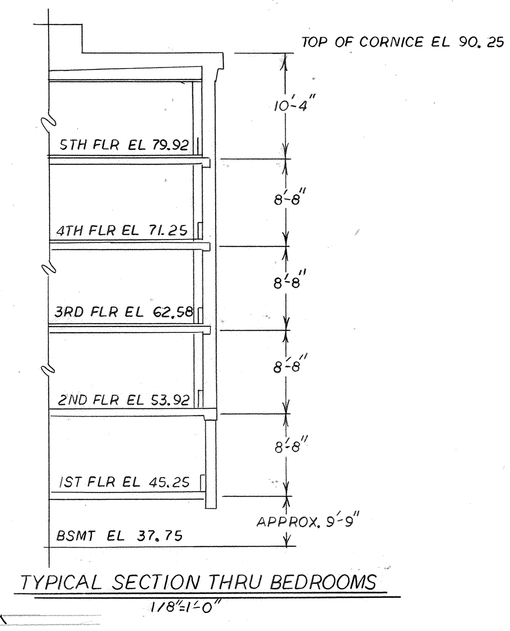
REVISIONS				
LTR	DESCRIPTION	PREP'D BY	DATE	APPROVED
A	REVISED AS BUILT	D.S.	4/28/86	D.S.



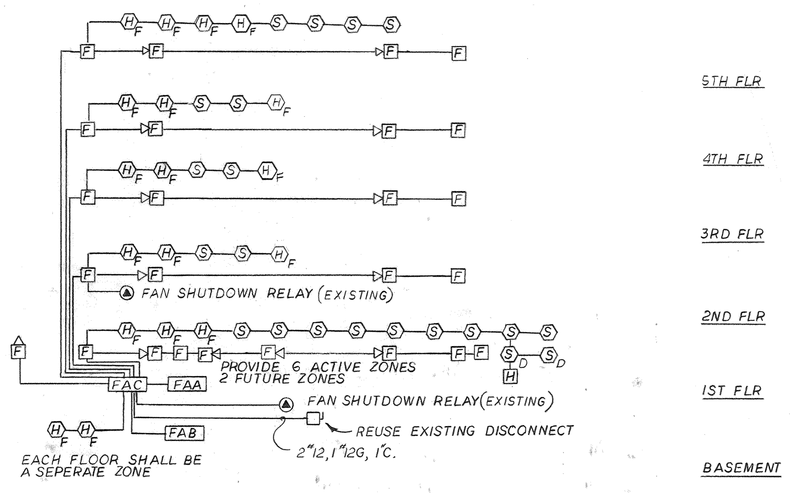
MECHANICAL ROOM-BASEMENT BLDG 678
SCALE: 1/8"=1'-0"



2ND, 3RD, 4TH, 5TH FLOORS BLDG 678
SCALE 1/8"=1'-0"
AREA COLUMN 1-10 SIMILAR TO 1ST FLR



TYPICAL SECTION THRU BEDROOMS
1/8"=1'-0"



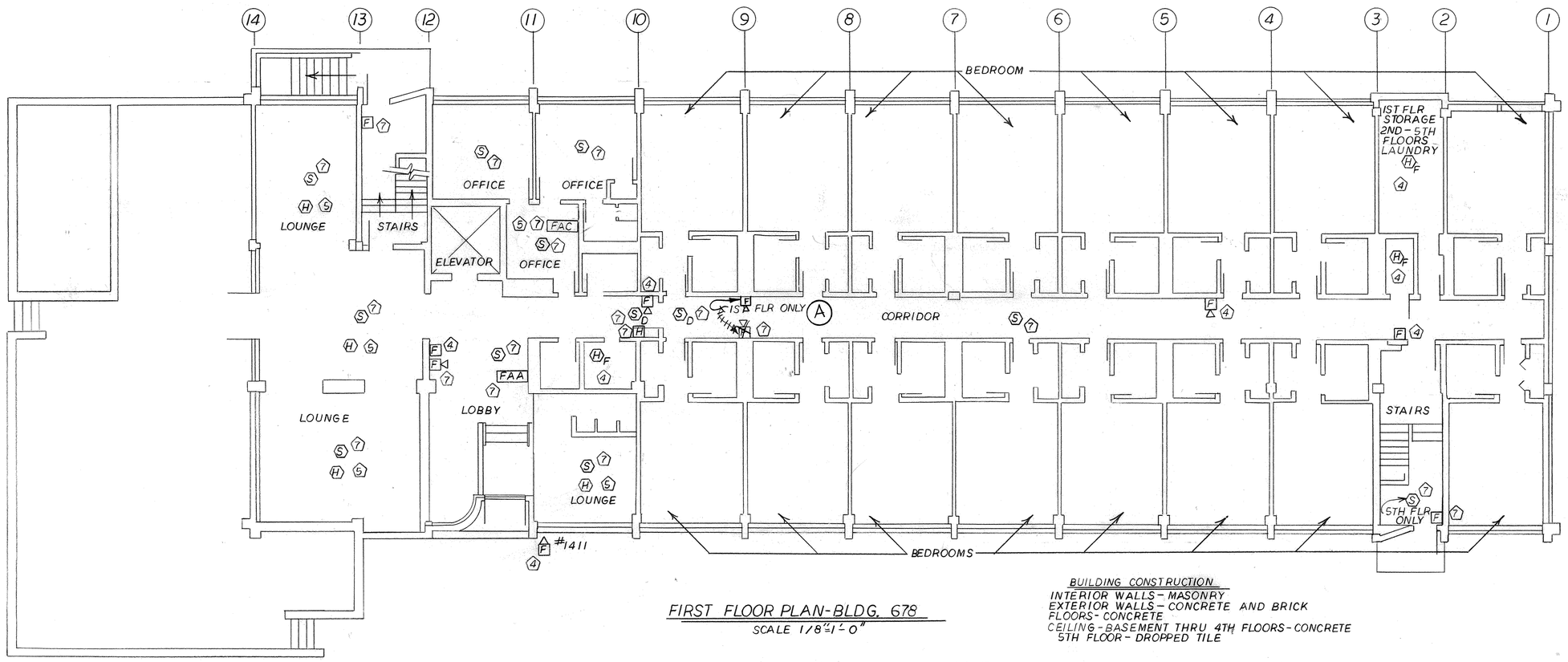
PROVIDE A GREEN INSULATED CONDUCTOR (GROUND WIRE) IN ALL NEW BRANCH CIRCUITS

FIRE ALARM RISER DIAGRAM NTS

RUN ALL WIRING EXPOSED IN EMT EXCEPT ON 5TH FLOOR WHERE CONDUIT SHALL BE CONCEALED ABOVE DROPPED CEILING. VERTICAL RISERS SHALL BE CONCEALED IN CLOSETS WHEN POSSIBLE.

NOTE :

DELETE HD ON TOP OF ELEV. DUE TO NOT BEING ACCESIBLE. QUANITY OF DEVICES TO MEET CODE. CORRECTED PIG TAIL WIRING OF DEVICES SAID TO REMAIN. CORRECTED BELL CIRCUITS. SUPERVISION ON UPPER FLOORS, ADDED ADDITIONAL BELL CKT MODULE. LEFT EXISTING HD IN GROUND FLOOR LOUNGE, ALSO ADDED NEW SMOKES AS NECESSARY. INSTALLED 2 NEW BELLS, DUE TO DEFECTS. REQUESTED MASTER BOX BE REPAIRED DUE TO NOT TRIPING.



FIRST FLOOR PLAN-BLDG. 678
SCALE 1/8"=1'-0"

BUILDING CONSTRUCTION
INTERIOR WALLS - MASONRY
EXTERIOR WALLS - CONCRETE AND BRICK
FLOORS - CONCRETE
CEILING - BASEMENT THRU 4TH FLOORS - CONCRETE
5TH FLOOR - DROPPED TILE

ABOVE AND WIRED THRU EACH EXISTING MANUAL STATION IS A RED 120 V AC LIGHT FIXTURE. COMPLETELY REMOVE LIGHT AND WIRING AND COVER WITH A BLANK PLATE OF THE PROPER SIZE, PAINTED TO MATCH THE ADJACENT WALL.

GRAPHIC SCALES

1/8"=1'-0" 0' 5' 10' 20' 30' 40'

CHECK GRAPHIC SCALES BEFORE USING

LEE F. CARROLL, P.E.
ELECTRICAL CONSULTANTS
GORHAM, N.H. 03581

DSGN EJG DR KIM CHK LFC
SUPV CH. ENGR
SUBMITTED BY Lee F. Carroll PE
FIRM MEMBER
NORTHDIV HD
DM HD
FPS DIR

APPROVED DATE
OFFICER IN CHARGE
SATISFACTORY TO DATE
APPROVED DATE
NORTHDIV FOR COMMANDER NAVFAC

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NORTHERN DIVISION
NAVAL BASE PHILADELPHIA, PA
N.E.T.C NEWPORT, R.I

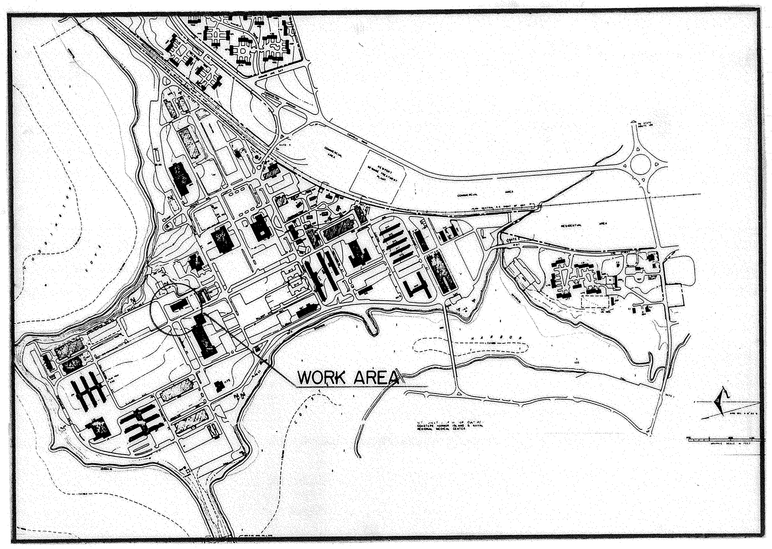
SMOKE DETECTORS-VARIOUS BLDGS.
(172, 442, 443, 444, 678, 685, 18)
PLANS AND DETAILS-UOPH 678

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	2065730

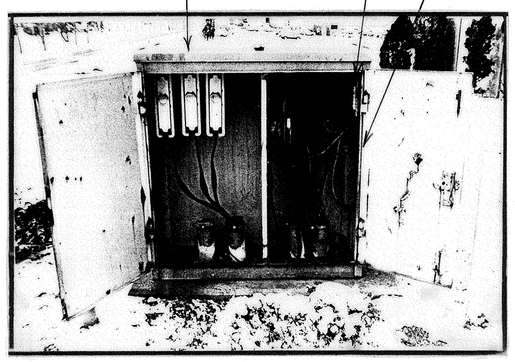
CONSTR. CONTR. NO. N62472-81-C-0347
SCALE NOTED | SPEC 04-81-0347 | SHEET E-6 OF 9

NETC DWG. No. 25884-255

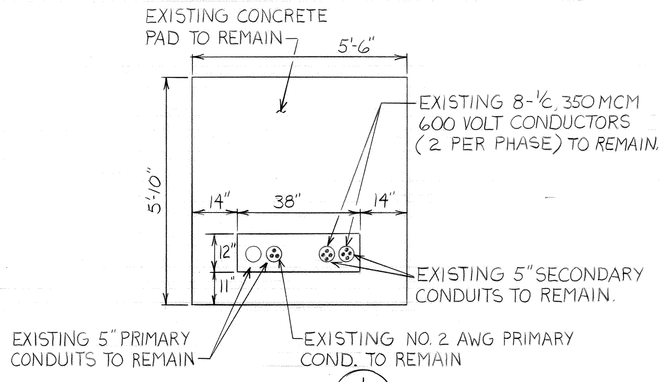
REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



LOCATION MAP



REMOVALS AT BUILDING 678

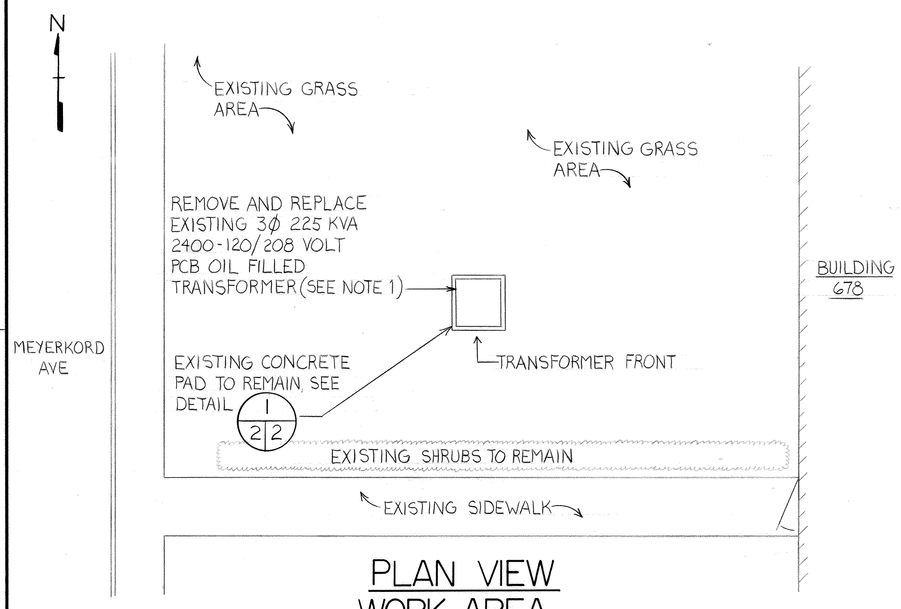


DETAIL (1 | 2|2)

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

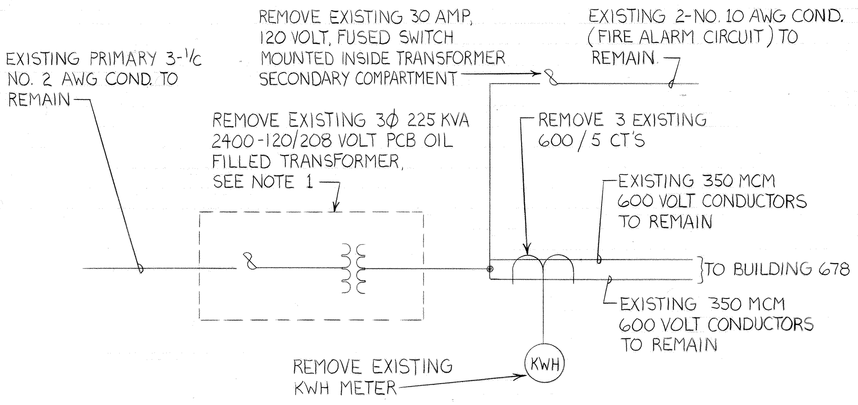
NOTES:

1. EXISTING TRANSFORMER INFORMATION:
   MANUFACTURER: WESTINGHOUSE
   PAD MOUNTED TRANSFORMER T94 P
   PHASE: 3Ø
   SIZE: 225 KVA
   VOLTAGE: 2400-120/208 VOLT
   STYLE: P4328H225C-1
   S.N.: 70PD949
   TOTAL WEIGHT: 4500 LBS.
   CAPACITY: 155 GALLON OIL
2. THE CONTRACTOR SHALL LOCATE NEW PADMOUNT TRANSFORMER ON EXISTING CONCRETE PAD. OVERALL DIMENSIONS OF NEW PAD MOUNT TRANSFORMER SHALL NOT EXCEED 4'-10" (FRONT) BY 5'-2" (SIDE). THE NEW TRANSFORMER SHALL ACCOMMODATE EXISTING TRANSFORMER PAD OPENINGS.



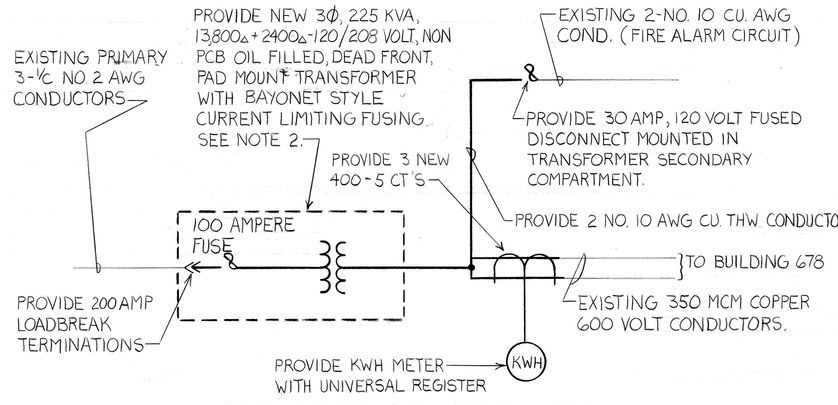
PLAN VIEW WORK AREA (BUILDING 678)

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



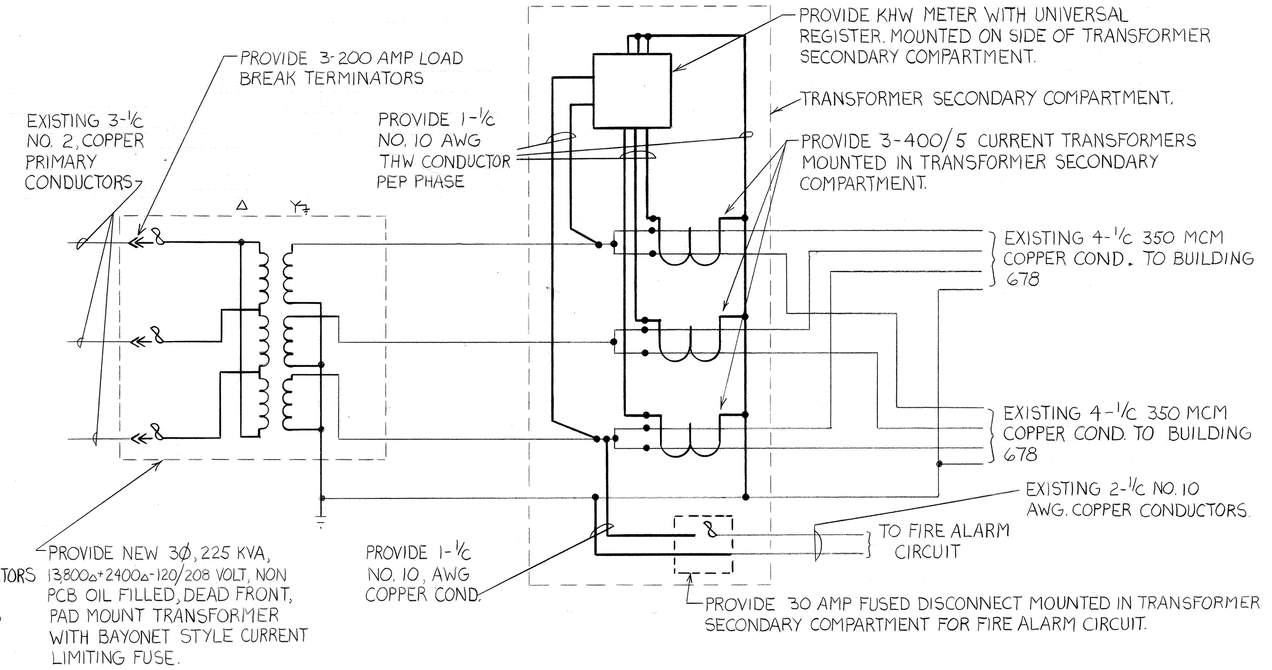
EXISTING SINGLE LINE DIAGRAM

NO SCALE



NEW SINGLE LINE DIAGRAM

NO SCALE



THREE LINE DIAGRAM

NO SCALE

1/8"=1'-0" 0 4 8 12 16 GRAPHIC SCALE IN FEET

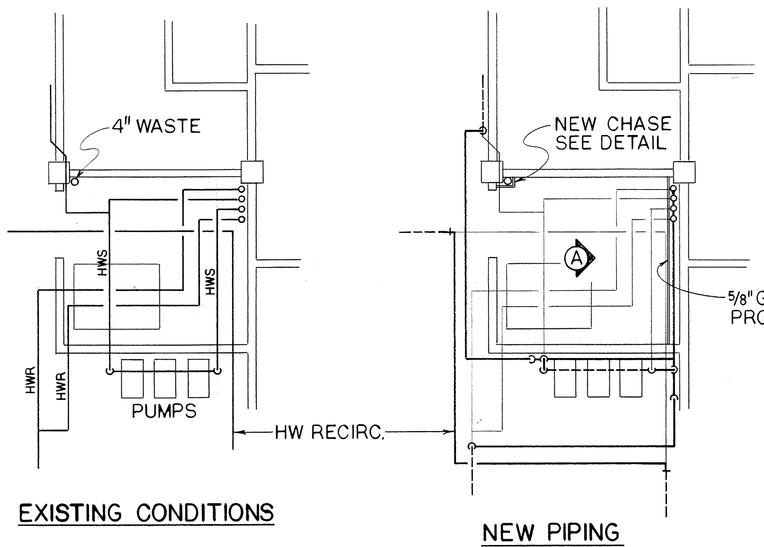
1/2"=1'-0" 0 1 2 3 4 GRAPHIC SCALE IN FEET

NORMAN P. BARON ENGINEER No. 15314 REGISTERED PROFESSIONAL ENGINEER

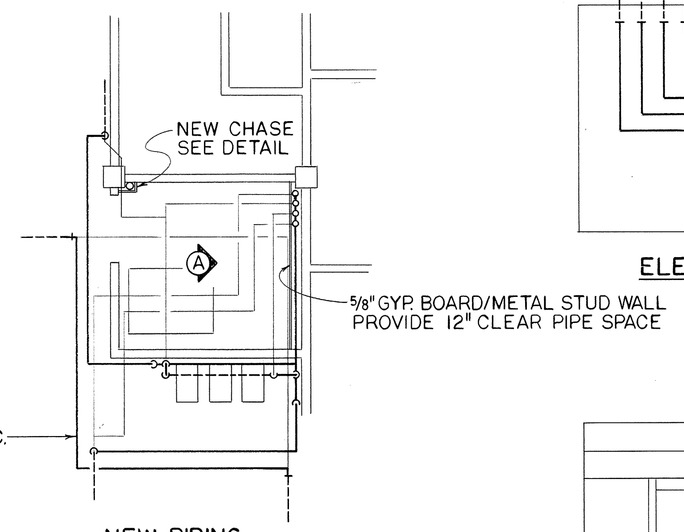
UTILITY ENGINEERS, INC.
37 NORTH WASHINGTON STREET
WILKES-BARRE, PA. 18701

NETC DWG. NO. 26226-262	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
NETC SK. NO.	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND
DSGN JJH	PHASE III — PCB TRANSFORMER REMOVAL
DR.	
BR.	
DIR.	
APPROVED / DATE	BUILDING 678 CODDINGTON POINT
SATISFACTORY TO / DATE 7-10-87	SIZE F; CODE IDENT NO. 80091; NAVFAC DRAWING NO. 2107351
	CONSTR. CONTR. NO. N62472-87-C-1747
	SCALE: NOTED; SPEC 04-87-1747; SHEET 2 OF 11

EXISTING TO BE REMOVED
EXISTING TO REMAIN
NEW PIPING

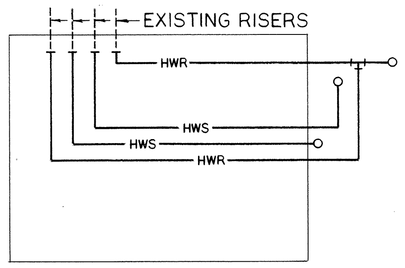


EXISTING CONDITIONS

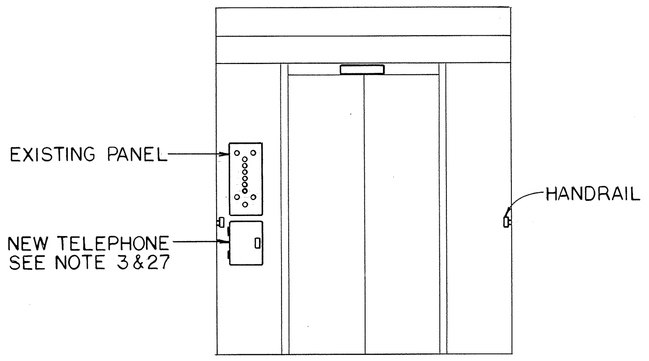


NEW PIPING

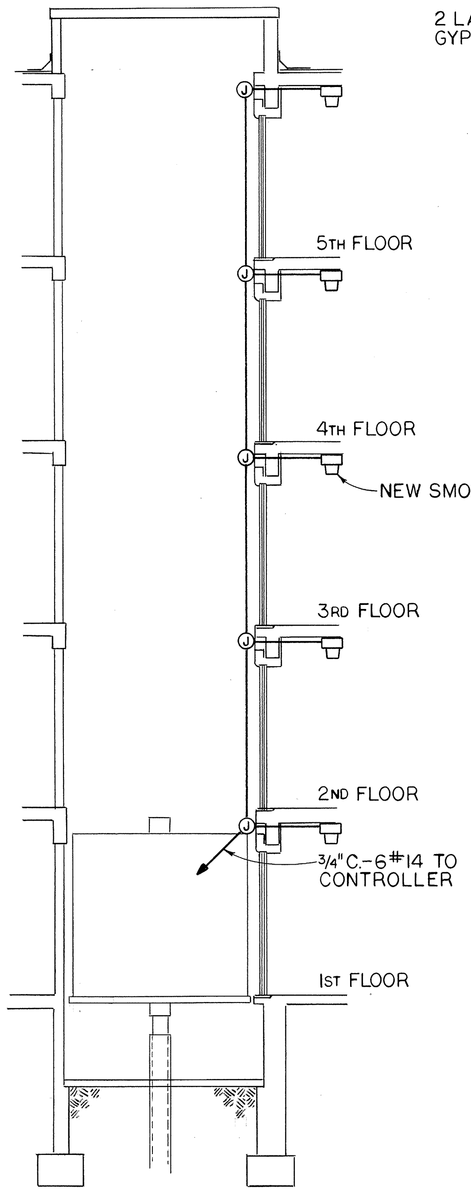
MACHINE ROOM PLUMBING
SCALE: 1/4" = 1'-0"



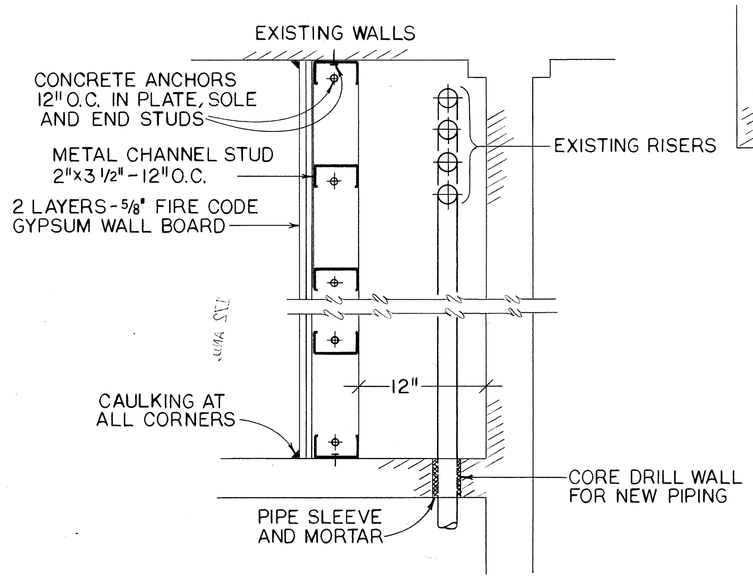
ELEVATION (A)



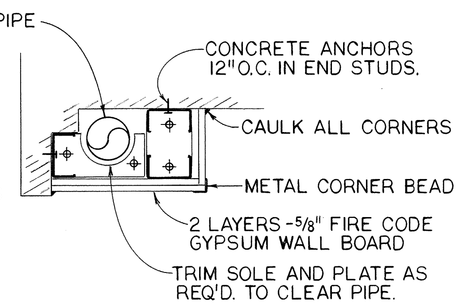
FRONT INTERIOR ELEVATION



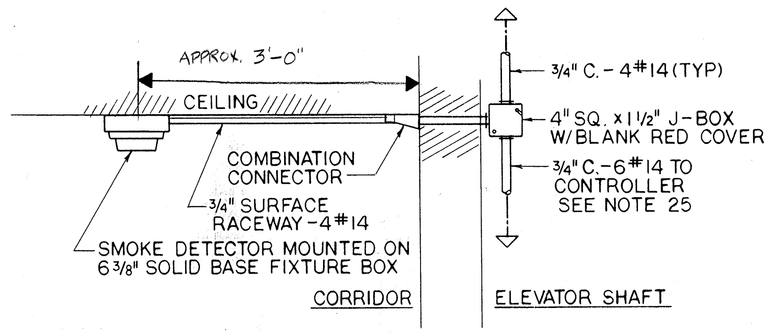
SECTION THRU SHAFT



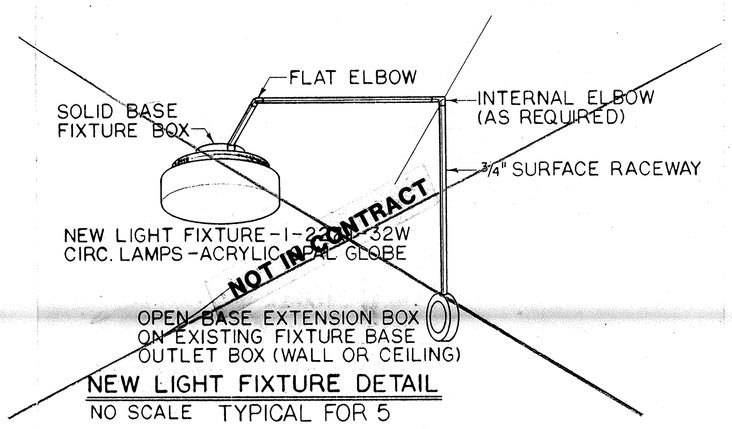
NEW WALL DETAIL
NO SCALE



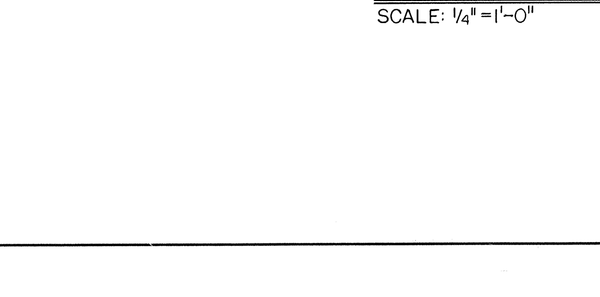
PIPE CHASE DETAIL
NO SCALE



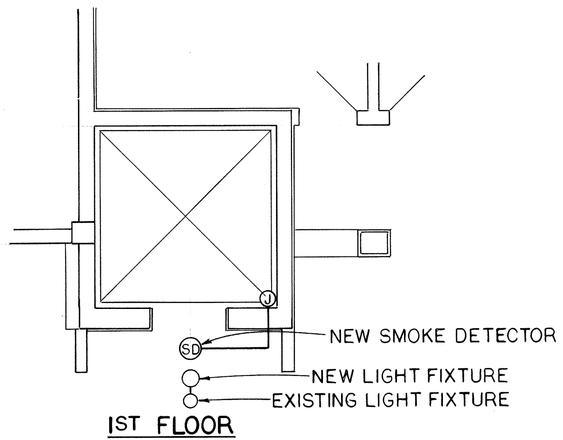
SMOKE DETECTOR DETAIL
NO SCALE TYPICAL FOR 6



NEW LIGHT FIXTURE DETAIL
NO SCALE TYPICAL FOR 5

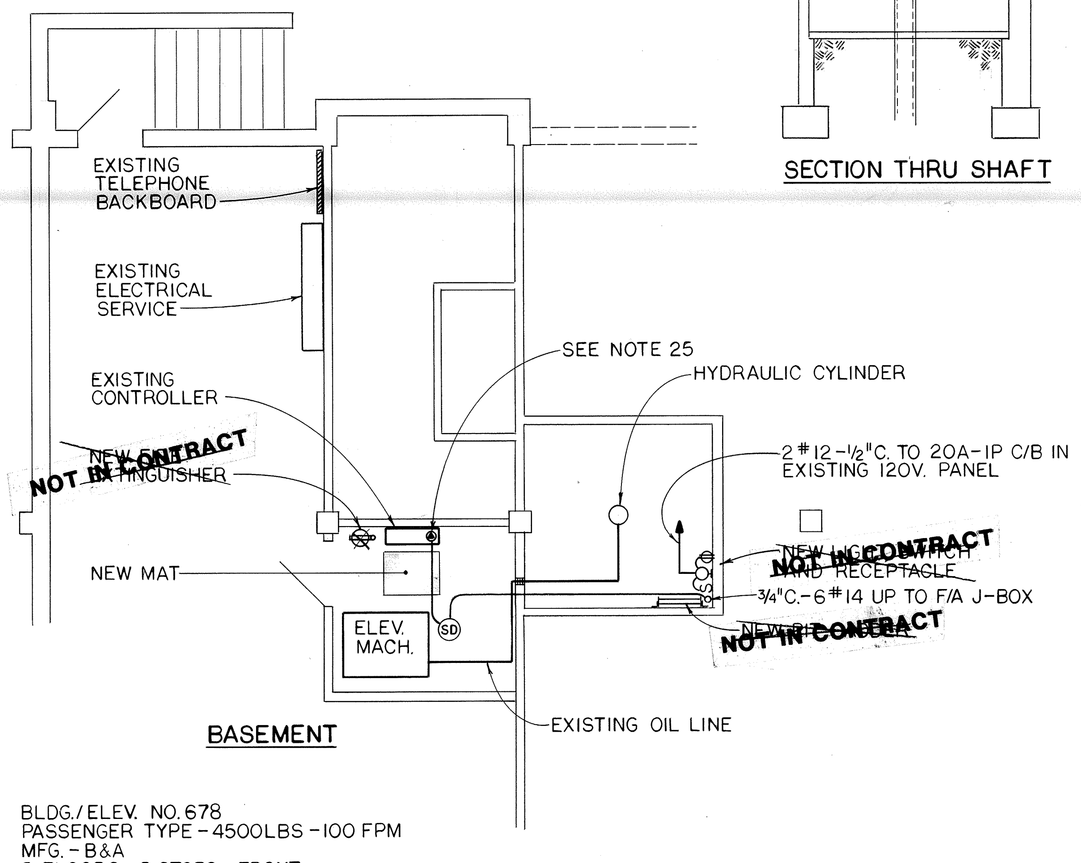


TYPICAL FLOORS 2 THRU 5



1ST FLOOR

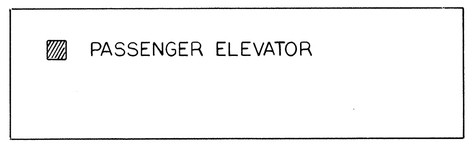
PASSENGER ELEVATOR
SCALE: 1/4" = 1'-0"



BASEMENT

BLDG./ELEV. NO. 678
PASSENGER TYPE - 4500LBS - 100 FPM
MFG. - B&A
5 FLOORS - 5 STOPS - FRONT
CAR PLATFORM INSIDE
6'-10" x 6'-10" - AREA: 46.6 S.F.
CAR DOOR OPENING - 3'-6"
HORIZONTAL SLIDING DOORS
TYPE OF MACHINE - HYDRAULIC

5 4 3 2 1 0 5 10
GRAPHIC SCALE



KEY PLAN

JOHN P. LEGNOS No. 2350 REGISTERED PROFESSIONAL ENGINEER

LEGNOS AND CRAMER, INC.
CONSULTING ENGINEERS
248 FARMINGTON AVE. - HARTFORD, CT. 06105

METC DWG. No. 27550-271
METC SK. No.
DSGN: PFC
DR: RJH
BR:
DIR:
APPROVED: DATE 6-14-89
SATISFACTORY TO:
DATE: 5-17-89

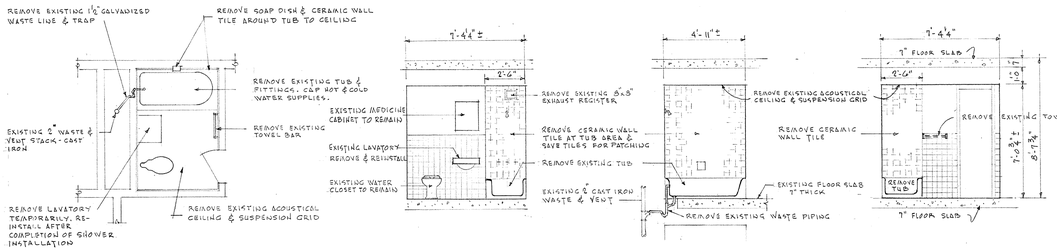
Department of the Navy Naval Facilities Engineering Command
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

ELEVATOR MODIFICATIONS
BLDG. 678

SIZE F | CODE IDENT. No. | NAVFAC DRAWING No. 2122383
CONST. CONTR. No. N62472-88-C-1629
SCALE | SPEC: | SHEET 4 OF 4

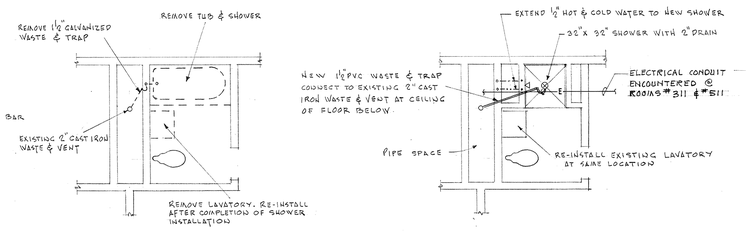
23 MAR 89

REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED
		CORRECTED TO AS-BUILT CONDITION	4-10-90	AWC



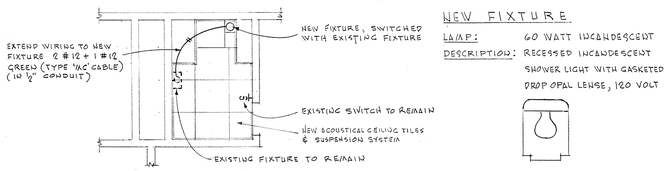
PLAN OF TYPICAL TOILET ROOM SCALE ¼" = 1'-0" WALL ELEVATIONS

DEMOLITION - ARCHITECTURAL



DEMOLITION SCALE ¼" = 1'-0" NEW WORK

PLUMBING



NEW FIXTURE

LAMP: 60 WATT INCANDESCENT

DESCRIPTION: RECESSED INCANDESCENT SHOWER LIGHT WITH GASKETED DROP OPAL LENSE, 120 VOLT

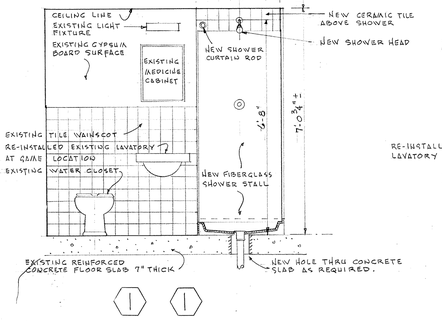
REFLECTED CEILING PLAN

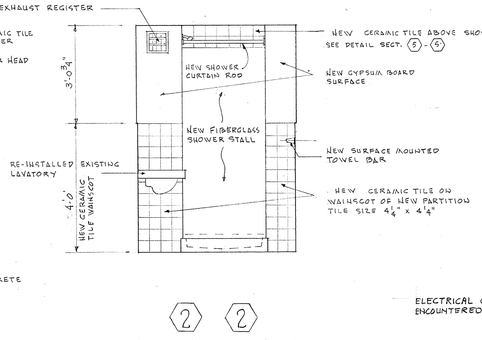
SCALE ¼" = 1'-0"

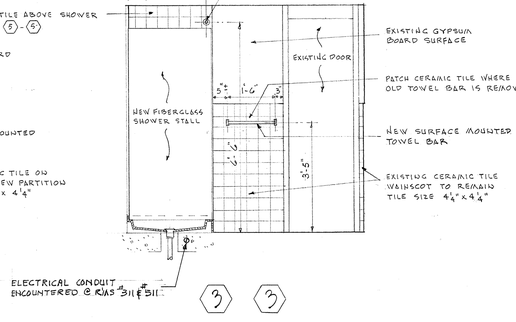
ELECTRICAL

GENERAL NOTES

1. — ALL TOILET ROOMS ARE VERTICALLY STACKED.
2. — ALL WORK IS "TYPICAL" FOR EACH TOILET ROOM.
3. — FOR ACCESS TO AREA OF PLUMBING WORK FROM TOILET ROOM BELOW:
   - REMOVE & REINSTALL EXISTING ACOUSTICAL CEILING TILES & SUSPENSION SYSTEM AS REQUIRED, AND OTHER WORK WHICH IS ALSO NECESSARY TO DO
   - PROTECT ALL EXISTING SURFACES & PLUMBING FIXTURES

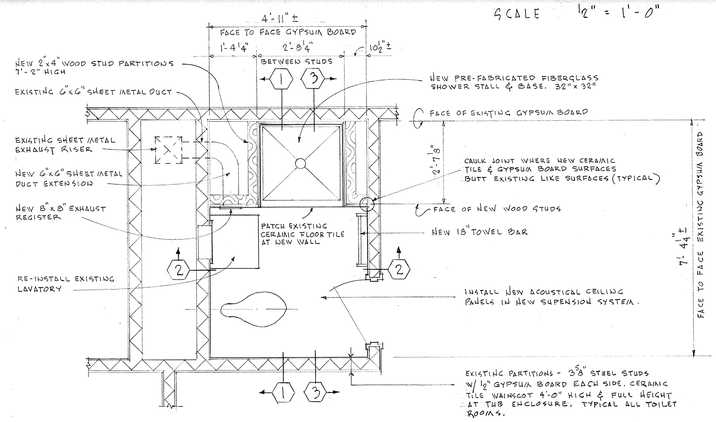






ELEVATIONS

SCALE ½" = 1'-0"



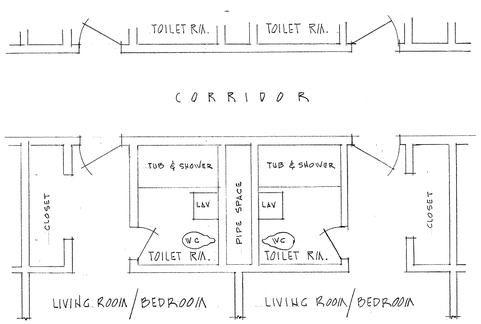
PLAN OF TYPICAL TOILET ROOM

SCALE ½" = 1'-0"

NEW SHOWER LOCATIONS

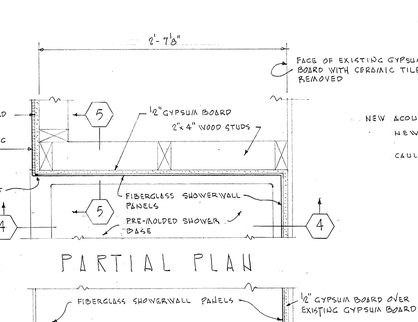
THIRD FLOOR: ROOMS 306, 311, 312, 315, 317, 319, 322, 327,
FIFTH FLOOR: ROOMS 501, 502, 509, 511, 513, 515, 516, 517, 521, 522, 527

NOTE - SOME ROOMS ARE AS SHOWN AND SOME ARE OPPOSITE HAND. CONTRACTOR TO FIELD CHECK.

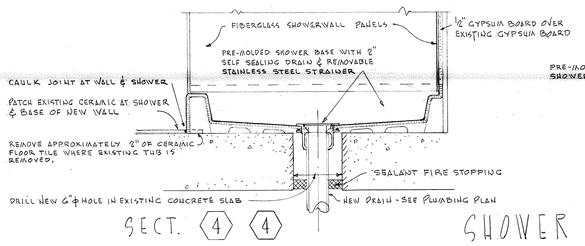


PLAN OF TYPICAL ROOM ARRANGEMENT

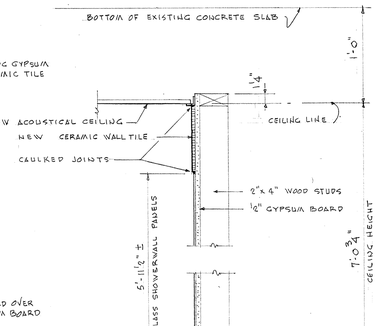
SCALE ¼" = 1'-0"



PARTIAL PLAN



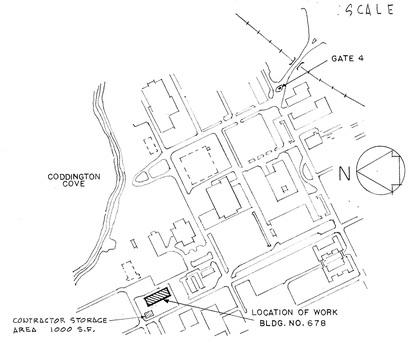
SECT. 4 4



SECT. 5 5

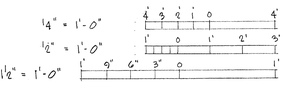
SHOWER DETAILS

SCALE 1½" = 1'-0"



LOCATION PLAN VICINITY MAP

NOT TO SCALE



GRAPHIC SCALES

THOMAS DOVE ARMY No. 452 REGISTERED ARCHITECT

SATISFACTORY TO: William J. Lebeau DATE 6/29/89

NETC DWG. NO. 27796-271

I.T. ALMY ASSOCIATES ARCHITECT
SOMERSET, MASSACHUSETTS
DWN JJM DATE 6-26-89 NO. 8915
Theresa Bellamy

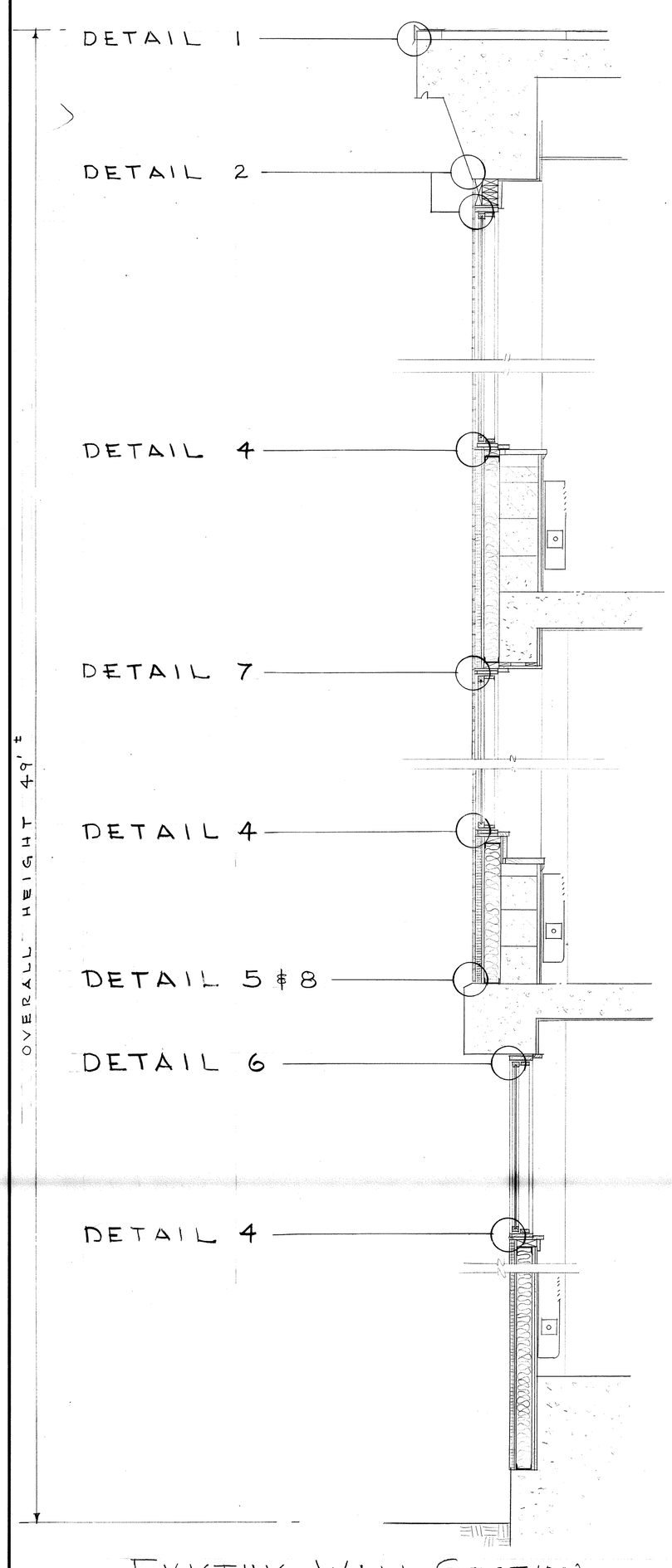
PROJ MGR J. Galumbeck 6/27/89
ENG DIR R. Bunker PE
APPROVED [illegible] 10-30-89
OFFICER IN CHARGE DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND

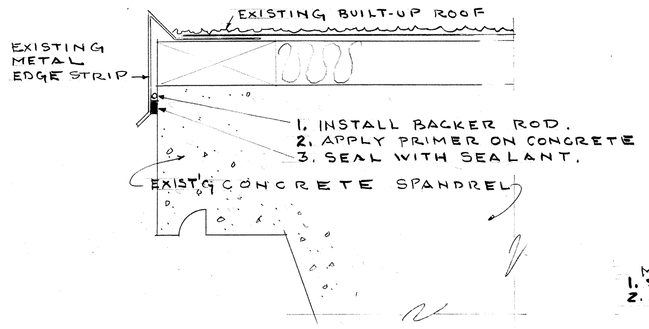
INSTALLATION OF SHOWERS BUILDING NO. 678 C.P.

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 2124918
CONSTR. CONTR. NO. N62472-89-C-1632
SCALE: AS NOTED | SPEC. 04-89-1632 | SHEET 1 OF 1

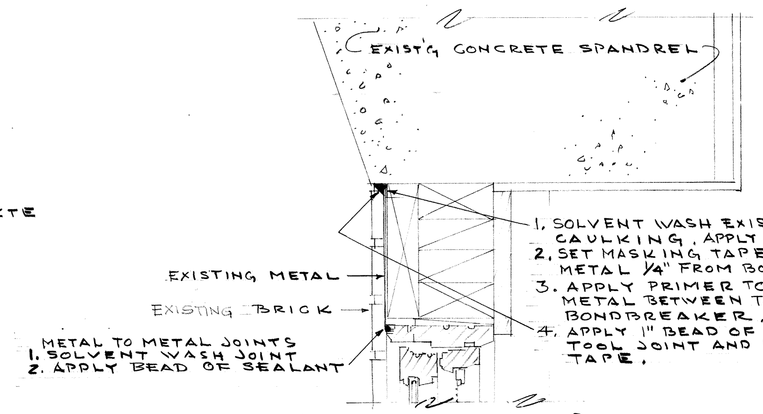
REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



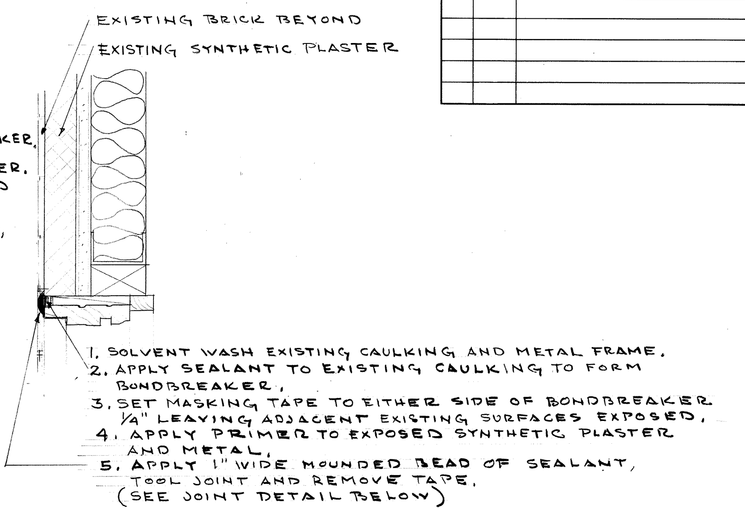
EXISTING WALL SECTION
SCALE 3/4" = 1'-0"



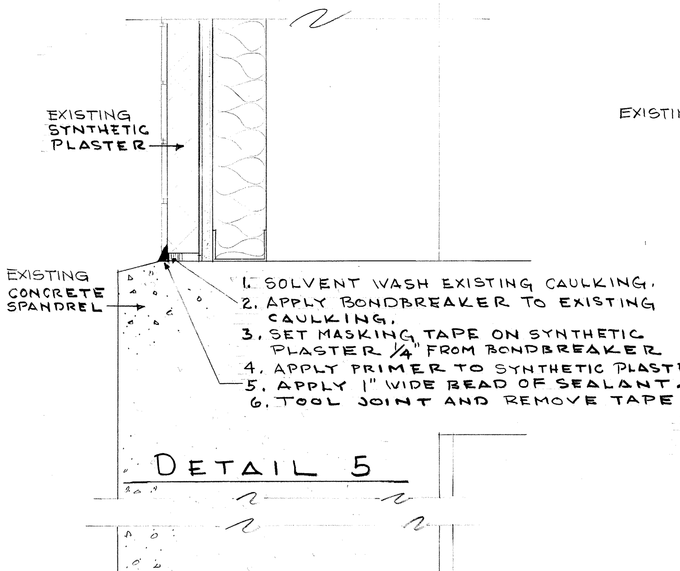
DETAIL 1
SCALE 3"=1'-0"



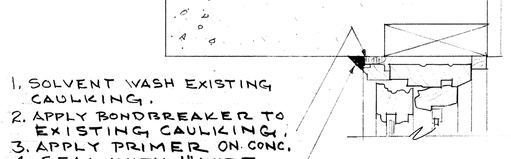
DETAIL 2
SCALE 3"=1'-0"



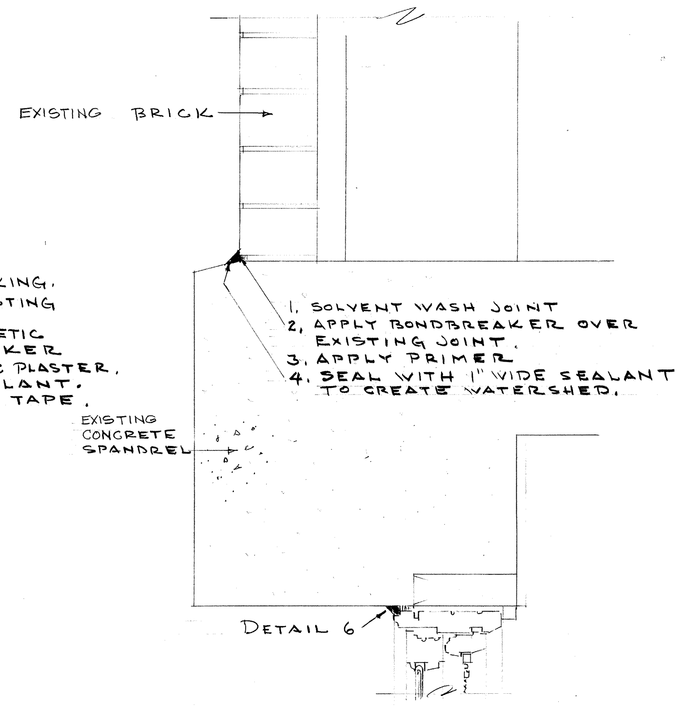
DETAIL 7



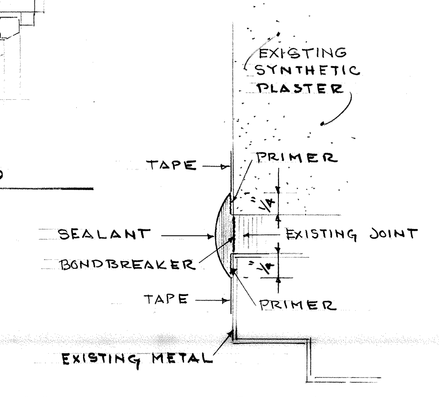
DETAIL 5



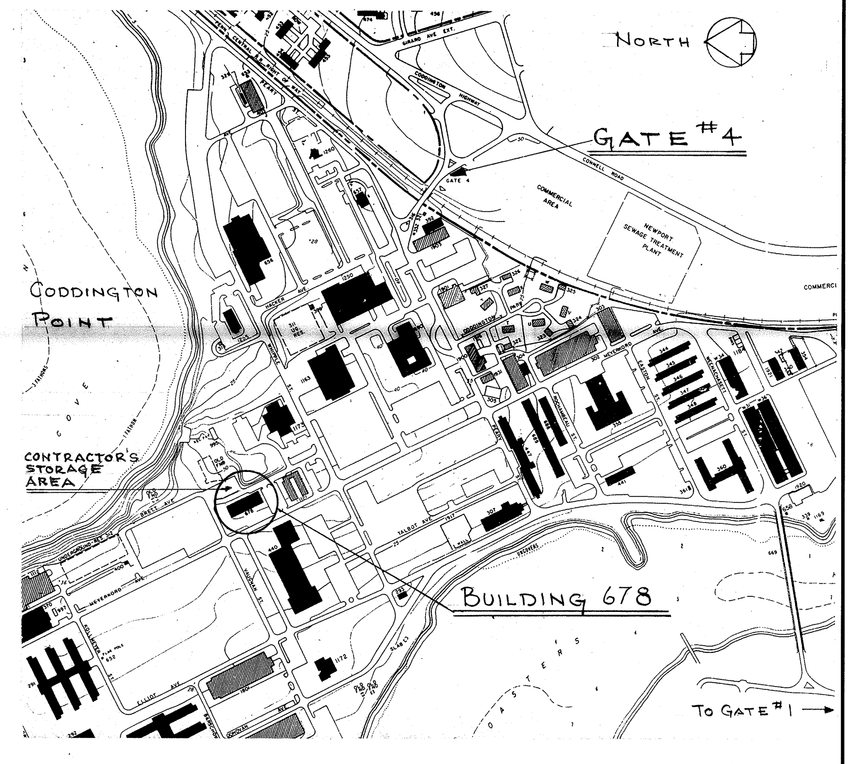
DETAIL 6
SCALE 3"=1'-0"



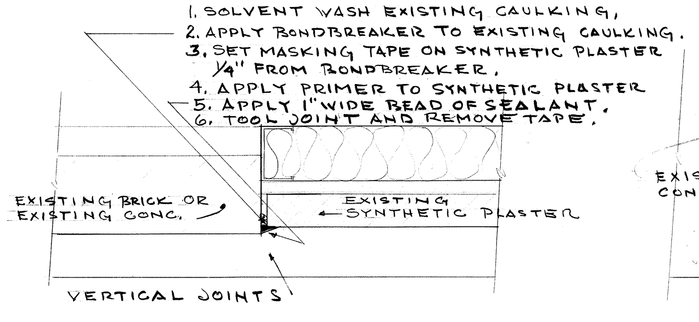
DETAIL 8
SCALE 3"=1'-0"



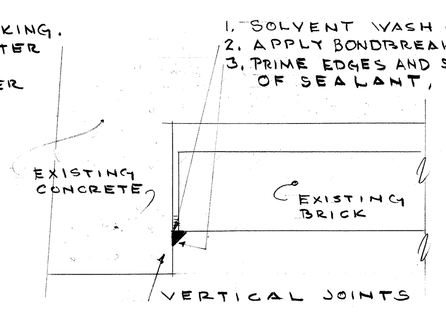
JOINT DETAIL
NO SCALE (FOR DET. 4 & 7)
FOR METAL LOUVERS AND VENTS IN CONCRETE ALSO.



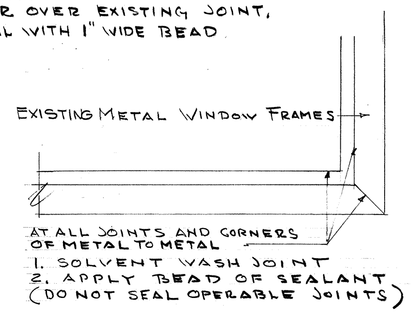
LOCATION PLAN
SCALE 1" = 400'



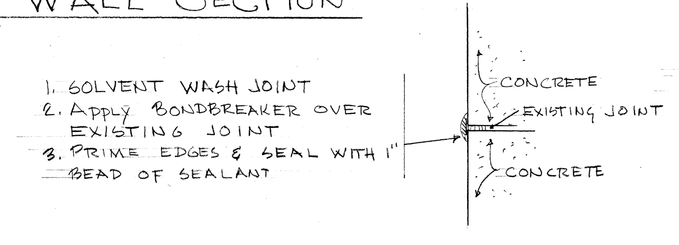
DETAIL 9
SCALE 3"=1'-0"



DETAIL 10
SCALE 3"=1'-0"



DETAIL 11
NO SCALE



DETAIL 12
SCALE 3" = 1'-0"

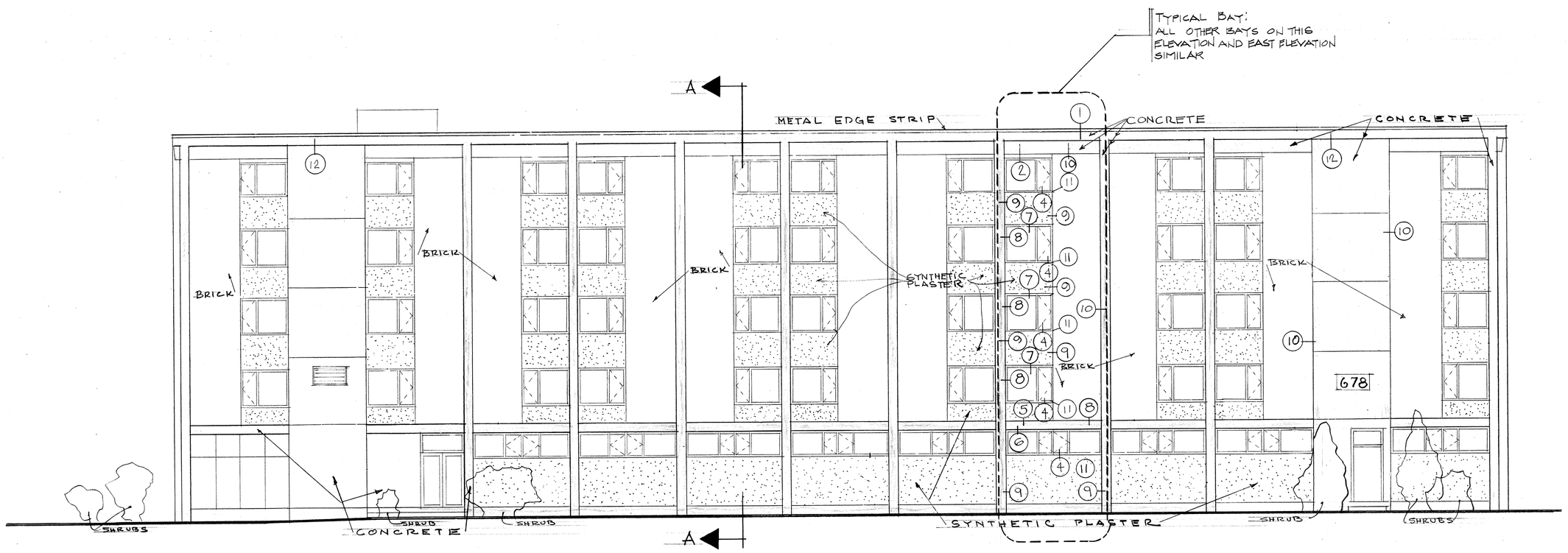
GRAPHIC SCALES

3/4"=1'-0" 1' 6" 0' 1' 2' 3' 4' 5' 6' 7'

3"=1'-0" 1' 9" 6" 3" 0' 1'

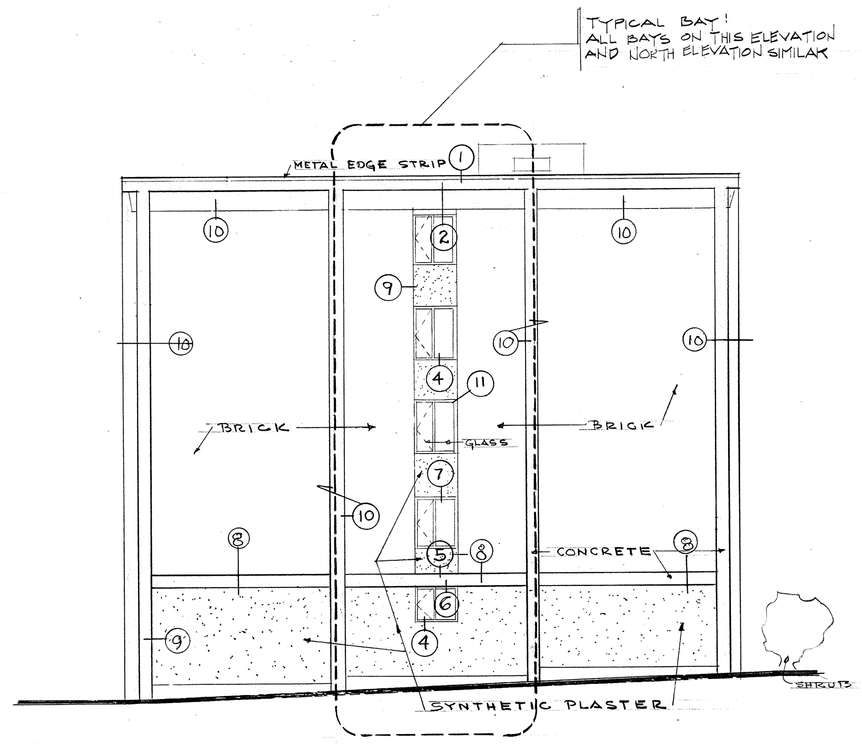
McLEISH & JOHNSON, ARCH. 5700 POST RD. E. GREENWICH RHODE ISLAND	NETC DWG. NO.	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND	
DWN. DATE 6-19-88	NETC SK. NO. 27809-271	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND	
PARTNER	DSGN.	EXTERIOR WATERPROOFING BLDG. No. 678 CP	
	DR. BR. 6/27/88		
	DES. 6/28/88		
	APPROVED DATE 6-29-88	LOCATION PLAN & DETAILS	
SATISFACTORY TO	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 2124901 A-1
DATE 6/26/89	SCALE AS NOTED	CONSTR. CONTR. NO. N62470-90-C-1654	SPEC. 04-90-1654 SHEET 1 OF 2

REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVED



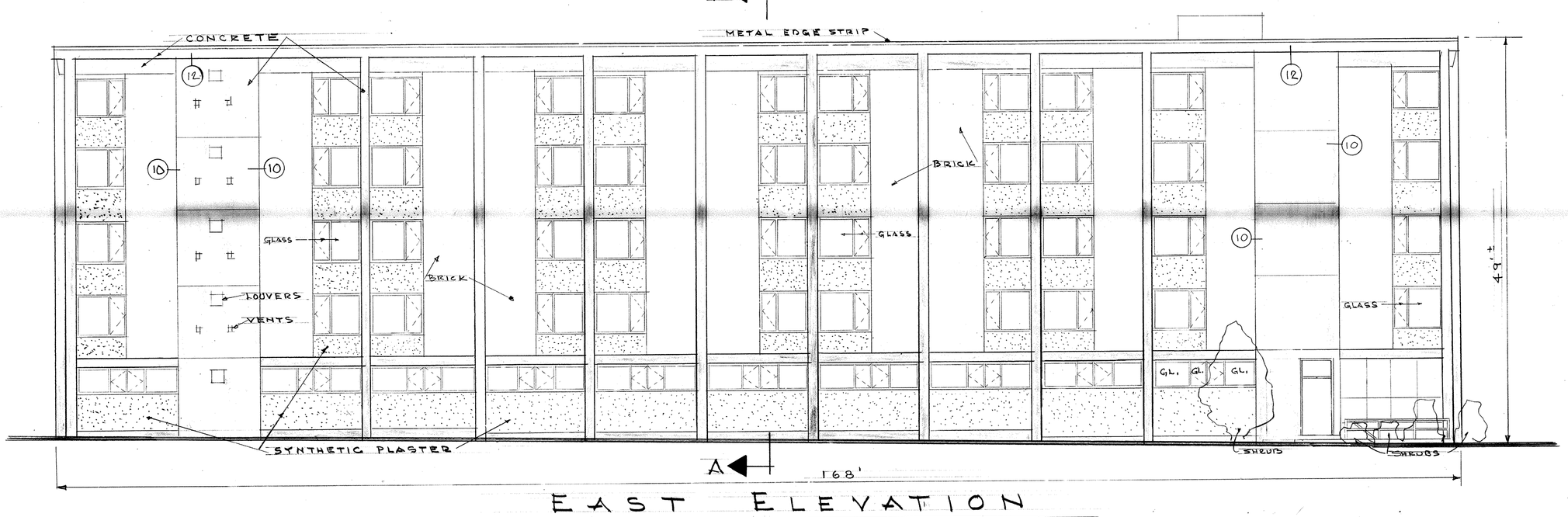
WEST ELEVATION

SCALE 1/8"=1'-0"



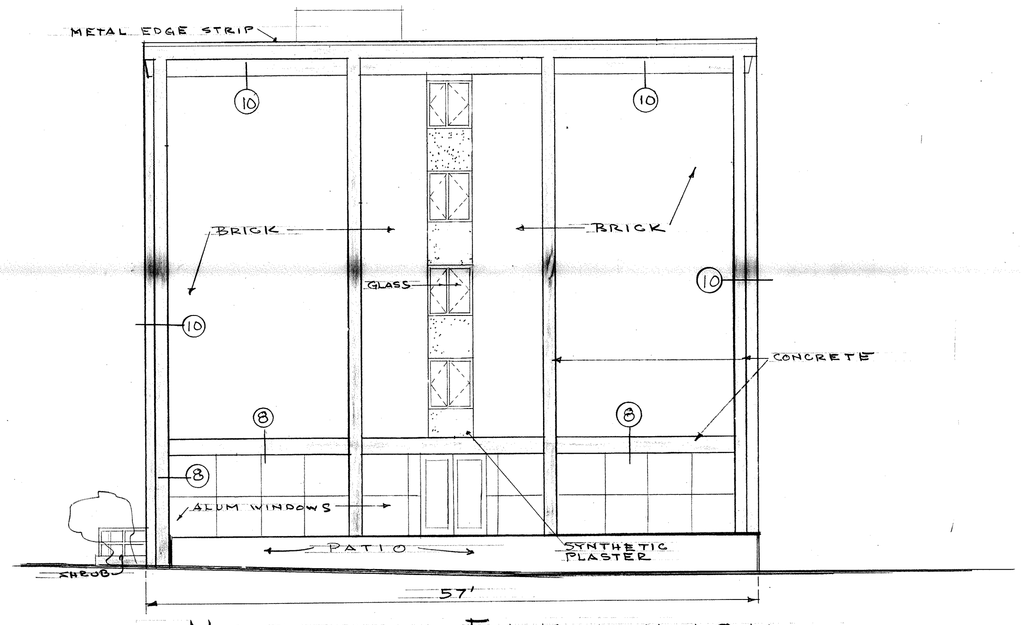
SOUTH ELEVATION

SCALE 1/8"=1'-0"



EAST ELEVATION

SCALE 1/8"=1'-0"



NORTH ELEVATION

SCALE 1/8"=1'-0"

GENERAL NOTES

1. PRESSURE WASH AND CHEMICALLY CLEAN ALL BRICK AND CONCRETE SURFACES.
2. REBUILD ALL EXTERIOR JOINTS, ALL ELEVATIONS, AS DETAILED ON SHEET A2 & A1.
3. INSTALL NEW SEALANT MATERIAL AS DETAILED ON SHEET A1.
4. APPLY WATER REPELLANT TO ALL BRICK, AND CONCRETE SURFACES AS SPECIFIED.
5. DETAIL SYMBOLS, (1) THRU (11), ON ELEVATIONS ARE SHOWN TO INDICATE TYPICAL CONDITIONS. ALL SIMILAR JOINTS THROUGHOUT BUILDING EXTERIOR ARE TO BE REPAIRED.
6. ON ALL ELEVATIONS AT VERTICAL CONCRETE COLUMNS, SAW CUT HORIZONTAL COVE JOINT AT EACH FLOOR LEVEL (5 PER COLUMN, 5' LINEAL FEET EACH CUT), REMOVING SEALANT AND CREATING JOINT 1/4" X 1/4". SOLVENT WASH, PRIME AND FILL WITH SEALANT.
7. ON ALL ELEVATIONS WHERE EXISTING SEALANT AT VERTICAL JOINTS AT MASONRY TO CONCRETE COLUMNS EXTENDS BEYOND WIDTH OF NEW SEALANT TO BE INSTALLED, EXISTING SEALANT SHALL BE SCRAPED FROM SURFACE BY RAZOR OR SHARPENED PUTTY KNIFE PRIOR TO INSTALLATION OF NEW SEALANT BEAD. FOR BIDDING PURPOSES ASSUME 50% OF VERTICAL JOINTS TO BE SCRAPED.
8. ON ALL ELEVATIONS SOUND OUT, CLEAN AND PATCH SPALLED AREAS ON CONCRETE COLUMNS AND SURFACES. FOR BIDDING PURPOSES ASSUME 50 SQ. FT. OF SPALLED AREAS.
9. NORTH ELEVATION, REMOVE (5) T.V. ANTENNA WIRE ANCHORS IN BRICK JOINTS AND (2) T.V. ANTENNA WIRE ANCHORS IN CONCRETE, AND PATCH HOLES.
10. EAST AND WEST ELEVATIONS OVER DOORS AT NORTH END OF BUILDING, SAW CUT CRACKS IN CONCRETE, SOLVENT WASH, PRIME AND FILL WITH SEALANT. FOR BIDDING PURPOSES ASSUME 20 LINEAL FEET.

GRAPHIC SCALE

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

LEGEND

EXISTING CONCRETE

EXISTING SYNTHETIC PLASTER

EXISTING BRICK

HOWARD E. MCLEISH No. 520 REGISTERED ARCHITECT

McLEISH & JOHNSON, ARCH.
5700 POST RD. E. GREENWICH
RHODE ISLAND
DWN. JCJ DATE 6-19-88
PARTNER DATE

NETC DWG. NO.
NETC SK. NO. 27810-271
DSGN
DR.
BR. 6/27/89
DES. 6/28/89
APPROVED DATE 6/29/89

SATISFACTORY TO
DATE 6/26/89

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

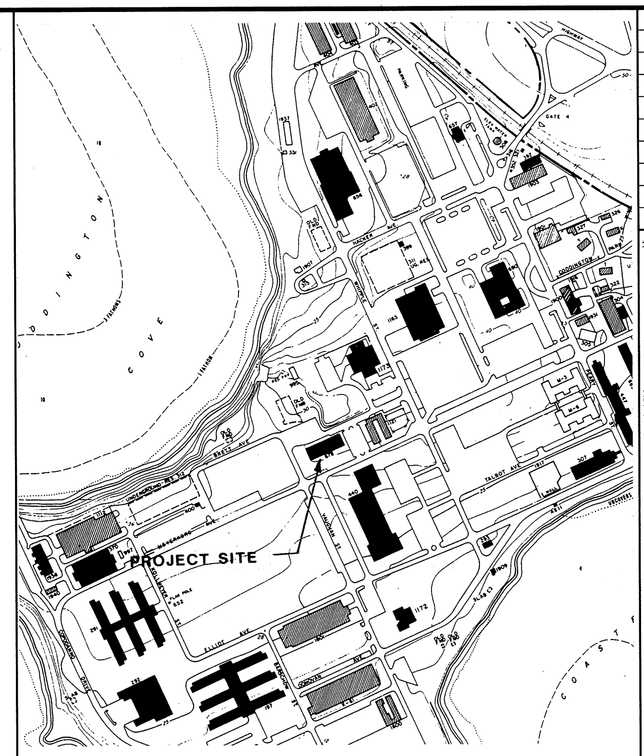
EXTERIOR WATERPROOFING
BLDG. No. 678 CP
EXTERIOR ELEVATIONS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	
F	80091	2124902	A-2
		CONSTR. CONTR. NO. N62472-90-C-1654	
SCALE: AS NOTED		SPEC. 04-90-1654	SHEET 2 OF 2

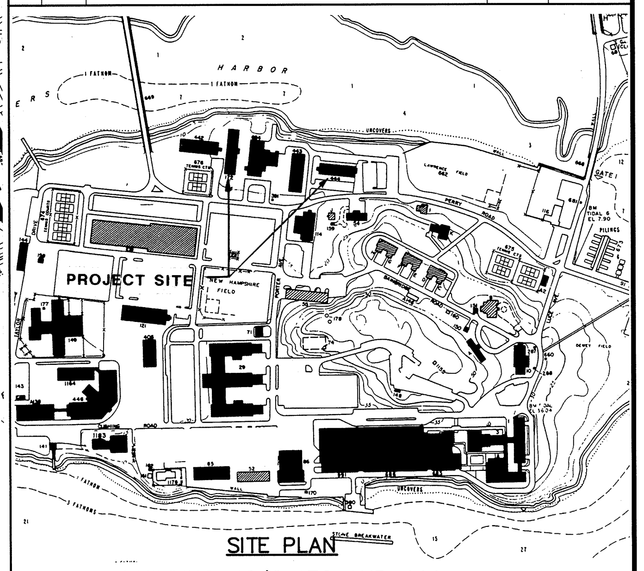
INDIVIDUAL HEATING CONTROLS BUILDING NO.'S 172, 444, AND 678

DRAWING LIST

	TITLE:	NETC DWG. NO.	NAVFAC DWG. NO.
1.	TITLE SHEET	29,302-290	2,149,645
2.	DEMOLITION AND REMOVAL AND NEW WORK DETAILS BUILDING NO. 172	29,303-290	2,149,646
3.	DEMOLITION AND REMOVAL, NEW WORK, BUILDING NO. 172, MECHANICAL	29,304-290	2,149,647
4.	RISER DIAGRAM AND DETAILS BUILDING NO. 172	29,305-290	2,149,648
5.	SECTIONS AND DETAILS, BUILDING NO. 172	29,306-290	2,149,649
6.	BUILDING NO. 444 FLOOR PLANS MECHANICAL/ELECTRICAL	29,307-290	2,149,650
7.	RADIATION RISER DIAGRAM EAST ELEVATION AND DETAILS BUILDING NO. 444	29,308-290	2,149,651
8.	RADIATION RISER DIAGRAM WEST ELEVATION AND DETAILS BUILDING NO. 444	29,309-290	2,149,652
9.	FIN RADIATION DETAILS AND MECHANICAL ROOM PLAN BUILDING NO. 444	29,310-290	2,149,653
10.	BUILDING NO. 678 DEMOLITION AND REMOVAL MECHANICAL	29,311-290	2,149,654
11.	HEATING RISER DIAGRAMS EAST AND WEST ELEVATIONS BUILDING NO. 678	29,312-290	2,149,655
12.	BUILDING NO. 678 1ST, 2ND, 3RD, 4TH, AND 5TH NEW WORK	29,313-290	2,149,656
13.	MECHANICAL ROOM, ELEVATIONS, AND DETAILS MECHANICAL/ELECTRICAL	29,314-290	2,149,657



SITE PLAN
BUILDING NO. 678



SITE PLAN
BUILDING NO.'S 172 AND 444

REVISIONS

SYM	ZONE	DESCRIPTION	DATE	APPROVED

LEGEND

———	NEW WORK
———	EXISTING TO REMAIN
— — —	EXISTING TO BE REMOVED
(T)	THERMOSTAT
	MOTORIZED CONTROL VALVE
———	DIRECTION OF FLOW
	SHUT-OFF VALVE
	BALANCING COCK
	90° ELBOW
	TEE
S-1	SUPPLY RISER
R-1	RETURN RISER
(A)	AUTOMATIC AIR VENT
	RADIATION
V	CONTROL VALVE
(J)	JUNCTION BOX
P.O.C.	POINT OF CONNECTION
C.P.	CUT POINT
	FLOW INDICATOR AND BALANCING VALVE
(1A)	OPPOSITE HAND DETAIL
(1)	SEE DETAIL FOR FIN RADIATION
	UNION
A	SEE EXISTING FIN RADIATION SCHEDULE
S	SUPPLY
R	RETURN
R-1	RISER #
	CONTROL VALVE
	CONDUIT AND WIRE RUN

GENERAL NOTES

1. RELATIVE LOCATIONS AND ELEVATIONS OF EXISTING MECHANICAL AND ELECTRICAL FEATURES OF THE BUILDINGS ARE SHOWN IN ACCORDANCE WITH LATEST PLANS AND AVAILABLE ENGINEERING INFORMATION. THE CONTRACTOR SHALL VERIFY EFFECTED BUILDING FEATURES BEFORE COMMENCING WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING, AND PAINTING THE CONTRACTOR SHALL REPAIR DAMAGED SURFACES INCLUDING PAINTING OF DAMAGED COVERS, AS A RESULT OF CONTRACTOR WORK TO MATCH EXISTING.
3. CONTRACTOR TO DRAIN, VENT, AND REFILL HOT WATER SYSTEMS OF BUILDING NO'S. 172, 444, AND 678 AFTER COMPLETION OF ALL MECHANICAL WORK AND PIPING CONNECTIONS.
4. CONTRACTOR SHALL LEAK TEST ENTIRE SYSTEM AFTER PIPING AND MECHANICAL INSTALLATION IN ALL BUILDINGS AND BEFORE INSTALLATION OF PIPE INSULATION WHERE REQUIRED OR INDICATED.
5. ALL WORK SCHEDULES SHALL BE APPROVED BY THE CONTRACTING OFFICER BEFORE COMMENCING WORK TO AVOID INTERFERENCE WITH NORMAL WORK SCHEDULE OR OCCUPANTS AND PROVISIONS FOR NORMAL HEATING, ELECTRICAL, AND MISSCELLANEOUS UTILITY SERVICES.
6. ANY COVERS, PIPING, VALVING, FIN RADIATION OR HARDWARE DAMAGED DURING THE PERFORMANCE OF CONTRACT WORK SHALL BE REPLACEED WITH NEW ITEMS AT NO ADDITIONAL COST TO THE GOVERNMENT.
7. PIPING AS SHOWN IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF RUNS, VALVE LOCATIONS AND CONNECTIONS TO SUIT FIELD CONDITIONS.
8. ALL MATERIALS PROVIDED BY THE CONTRACTOR SHALL BE NEW.
9. CONTRACTOR TO COORDINATE INSTALLATION OF EQUIPMENT TO AVOID INTERFERENCE WITH EXISTING PIPING, ELECTRICAL CONDUITS, STRUCTURAL AND ARCHITECTURAL FEATURES OF THE BUILDING.
10. CONTRACT TO COORDINATE FINAL LOCATION OF ALL THERMOSTATS, CONTROL VALVES, FAN COIL UNITS, COVERS, FIN RADIATION, ETC. WITH CONTRACTING OFFICER FOR FINAL APPROVAL.
11. INSUALTE PIPING UNDE COVER AS SPECIFIED IN SECTION 15250 "INSULATION OF MECHANICAL SYSTEMS" UP TO THE SUPPLY AND RETURN SHUT-OFF VALVES, UNDER COVER, AND AS INDICATED.
12. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL INSPECT ALL EXISTING HOT WATER SYSTEMS FOR LEAKS. CONTRACTOR SHALL NOTIFY CONTRACTING OFFICER OF ANY SYSTEM LEAKS PRIOR TO START OF WORK.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO EXISTING SYSTEMS IF LEAKS OCCUR AFTER OR DURING SYSTEM TEST.
14. CONTRACTOR TO UTILIZE SURFACE METAL RACEWAY FOR ALL ELECTRICAL RUNS EXPOSED IN ROOMS. RACEWAY SHALL BEAR THE LABEL OF THE UNDERWRITER'S LABORATORIES INCORPORATED AND SHALL BE SECURELY SUPPORTED BY MANUFACTURER APPROVED METHODS.
15. CONTRACTOR SHALL PROTECT ALL FURNITURE, WALL FINISHES, CARPETING, TELEVISIONS, OR ELECTRONIC EQUIPMENT, ETC. FROM DAMAGE. ALL ROOM FURNISHINGS MUST REMAIN IN ROOM DURING CONTRACT. ALL FURNISHINGS SHALL BE COVERED WITH 1 LAYER 6 MIL PLASTIC SHEET, FURNISHED BY CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO FURNISHINGS INCLUDING DAMAGE TO FLOORS OR WALLS THAT MIGHT BE CAUSED BY CONSTRUCTION.
16. CONTRACTOR SHALL COVER ALL EXISTING CARPETING WITH 1 LAYER 6 MIL PLASTIC SHEET FURNISHED BY THE CONTRACTOR. IN ADDITION, SUPPLY ONE SHEET OF 3/4" PLYWOOD OVER PLASTIC SHEET WHERE CUTTING AND THREADING, BRAZING, ETC. WILL OCCUR.

E. MICHAEL SWEENEY
No. 4240
REGISTERED PROFESSIONAL ENGINEER

NETC DWG. NO. 29,302-290
NETC SK. NO.
DSGN: R.P.D
DR. R.P.D.
BR. W. Lebeau P.E.
DIR.
APPROVED DATE 4/20/92
SATISFACTORY TO W. J. Lebeau
DATE 3-31-92

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND

INDIVIDUAL HEATING CONTROLS BLDG. NOS. 172, 444, AND 678

TITLE SHEET

SIZE F | CODE IDENT NO. 80091 | NAVFAC DRAWING NO. 2,149,645
CONSTR. CONTR. NO. N62472-91-C-1700
SCALE: AS NOTED | SPEC. 04-91-1700 | SHEET 1 OF 13