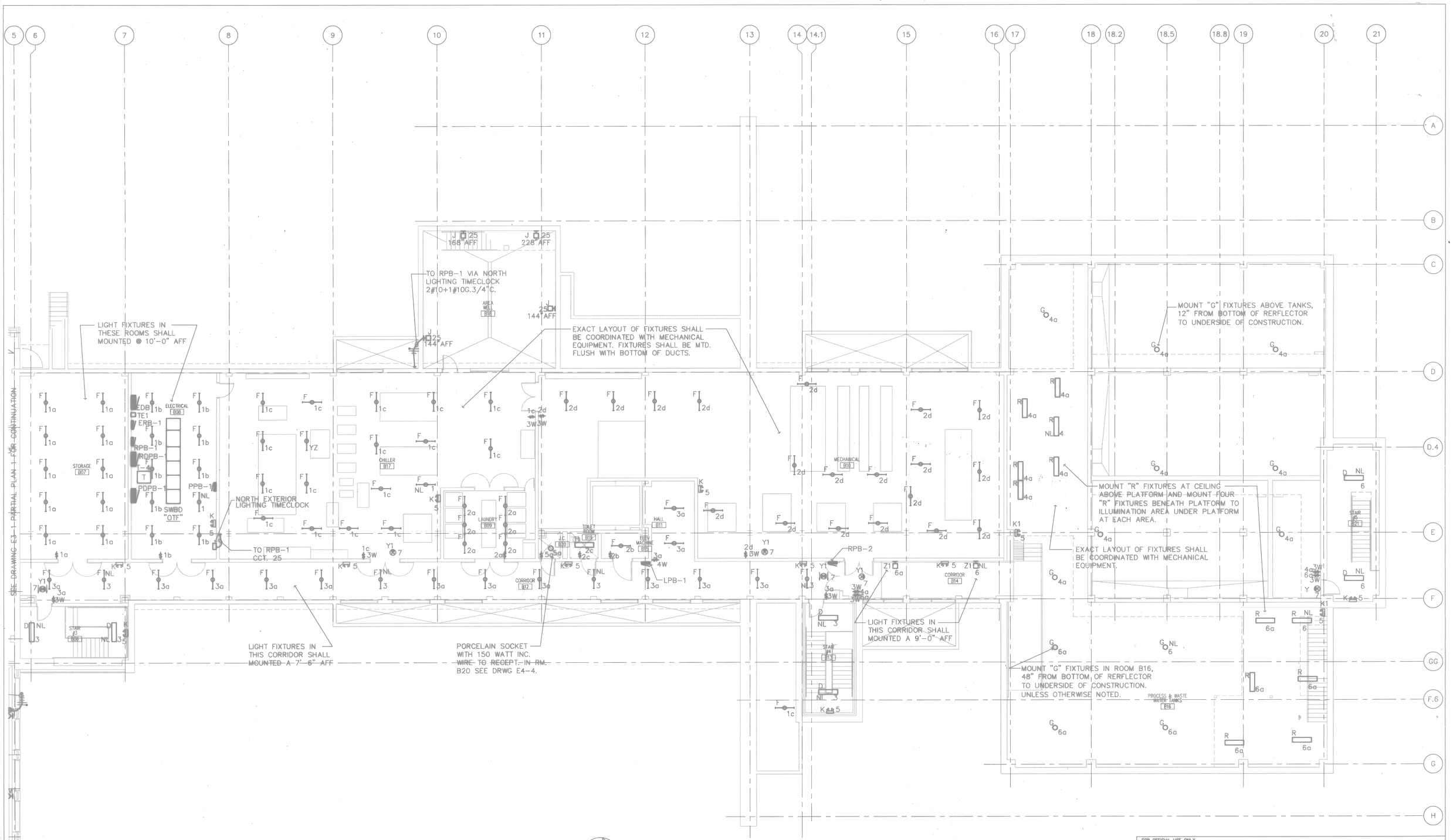

1 E3-4 **BASEMENT-NORTH LIGHTING**
SCALE: 1/8"= 1'-0"

NOTES: 1. LIGHT FIXTURES SHALL BE WIRED TO PANEL "LPB-1" UNLESS OTHERWISE NOTED.

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SUBMITTED BY DATE
FIRM MEMBER TITLE
EIC DR NO.
FPC DIR
APPROVED DATE
OFFICER IN CHARGE
APPROVED DATE
FFD FOR COMMANDER, NAVFAC

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
SOUTHERN DIVISION
CHARLESTON, S.C.
NAVAL TRAINING CENTER — GREAT LAKES, ILLINOIS

DAMAGE CONTROL SCHOOL

BASEMENT-NORTH LIGHTING

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	DRAWING NO.
F	80091	5276629	E3-4
		CONSTR CONTR NO. N62467-93-C-1143	
SCALE 1/8=1'-0"		SPEC 06-93-1143	SHEET 215 OF

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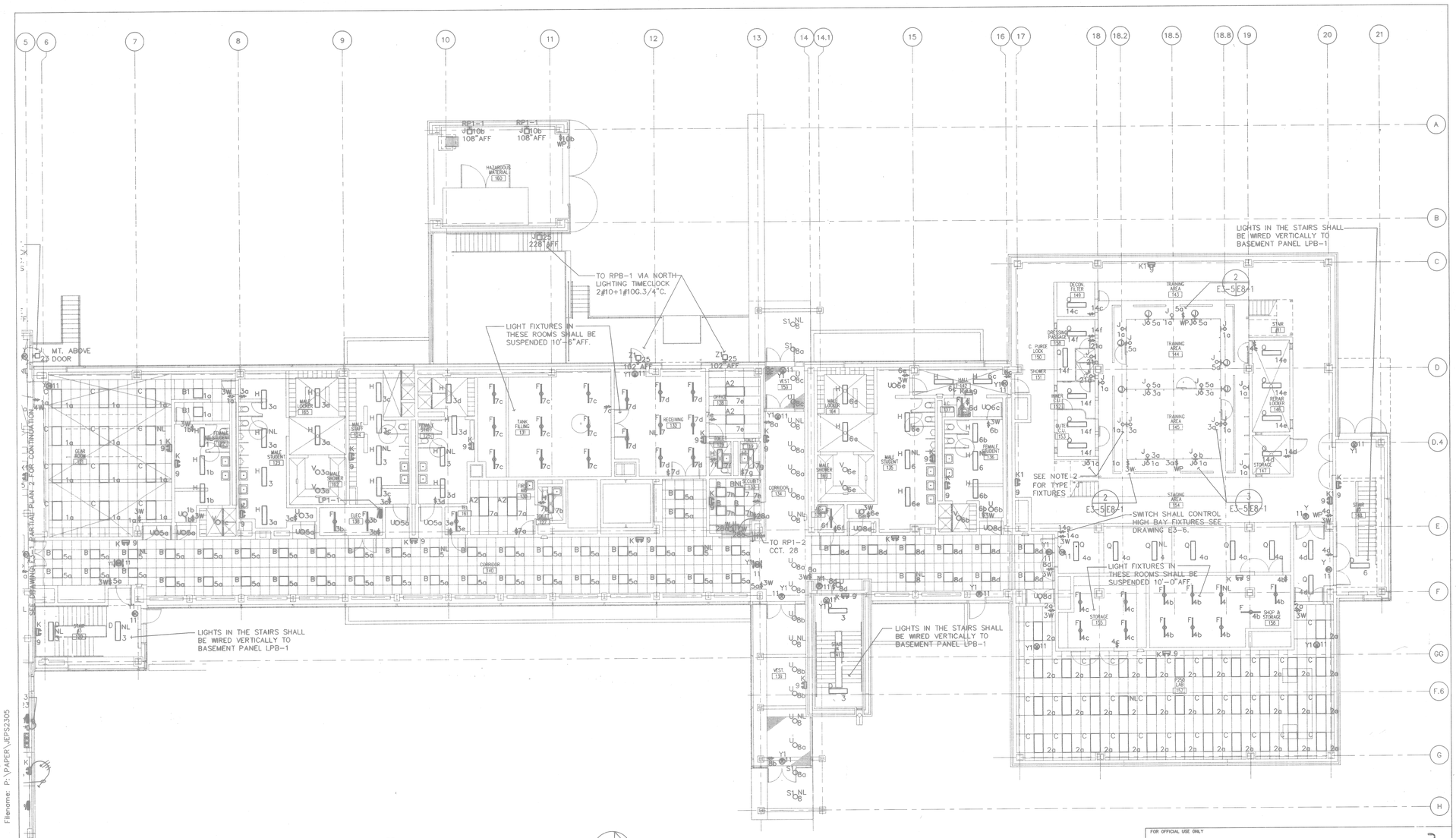
Filename: P:\PAPER\CHANGED\LTN\JEPS2304
User: TWhite
Date&time: 10/30/97 15:39:55

215



FIRST FLOOR-NORTHLIGHTING

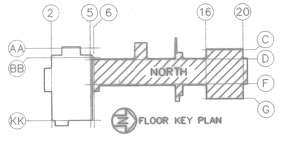
E3-5 SCALE: 1/8"= 1'-0"

NOTES:
1. 277V. LIGHT CIRCUITS SHALL BE WIRED TO PANEL "LP1-1" UNLESS OTHERWISE NOTED.
2. TYPE "J" FIXTURES IN WET TRAINER AND 120V. LIGHT CIRCUITS WIRED TO PANEL "RP1-2" UNLESS OTHERWISE NOTED.
3. LIGHT FIXTURES, WIRING DEVICES AND WIRING IN WET TRAINER SHALL BE WATER-PROOF.

GRAPHIC SCALE

5' 0' 5' 10' 15' 20' 25'

SCALE 1/8" = 1'-0"



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SOUTHERN DIVISION
CHARLESTON, S.C.

NAVAL TRAINING CENTER — GREAT LAKES, ILLINOIS

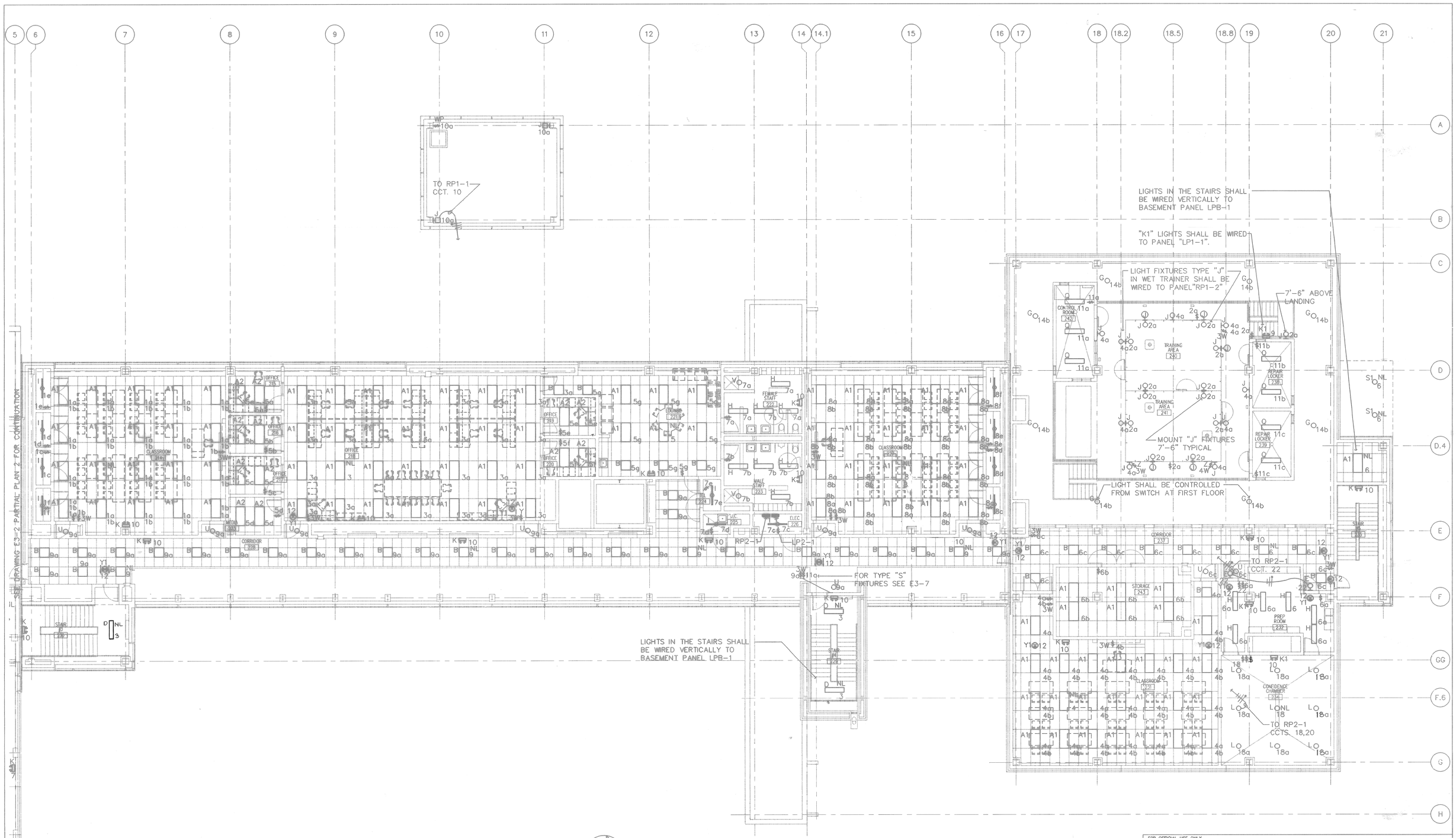
DAMAGE CONTROL SCHOOL

FIRST FLOOR-NORTH LIGHTING

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	DRAWING NO.
F	80091	5276630	E3-5

CONSTR CONTR NO. N62467-93-C-1143
SCALE 1/8"=1'-0" | SPEC 06-93-1143 | SHEET 3.16 OF

Date&time: 08/31/94 08:12:59 User: JJ Filename: P:\PAPER\JEPS2305

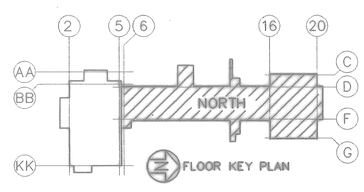


1 SECOND FLOOR-NORTH LIGHTING

E3-6 SCALE: 1/8"= 1'-0"

NOTES:
1. 277V. LIGHT CIRCUITS SHALL BE WIRED TO PANEL "LP2-1" UNLESS OTHERWISE NOTED.
2. TYPE "J" FIXTURES IN WET TRAINER AND 120V. LIGHT CIRCUITS SHALL BE WIRED TO PANEL "RP1-2" UNLESS OTHERWISE NOTED.
3. LIGHT FIXTURES, WIRING DEVICES AND WIRING IN WET TRAINER SHALL BE WATER-PROOF.
4. CLASSROOMS WITH DUAL LIGHTING LEVEL SHALL HAVE THE CENTER LAMP SWITCHED AT THE ENTRANCE AND THE 2-OUTER LAMPS SWITCHED AT THE ENTRANCE AND AT THE BLACKBOARD.

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



EDDY K. ANG 30342 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
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SOUTHERN DIVISION
CHARLESTON, S.C.

NAVAL TRAINING CENTER — GREAT LAKES, ILLINOIS

DAMAGE CONTROL SCHOOL

SECOND FLOOR-NORTH LIGHTING

DSGN ANG DR JACQUEZ CHK SEABORG
SUPV POPOVIC CH ENGR
SUBMITTED BY DATE 7-31-94
DIV MEMBER DISC
EIC BR HD
FPE DIR
APPROVED DATE
OFFICER IN CHARGE
APPROVED DATE 9/27/94
CTO FOR COMMANDER NAVFAC

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	DRAWING NO.
F	80091	5276631	E3-6
SCALE 1/8"=1'-0"		COMSTR CONTR NO. N62467-93-C-1143	
		SPEC 06-93-1143	SHEET 217 OF

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Date&time: 08/31/94 08:16:20

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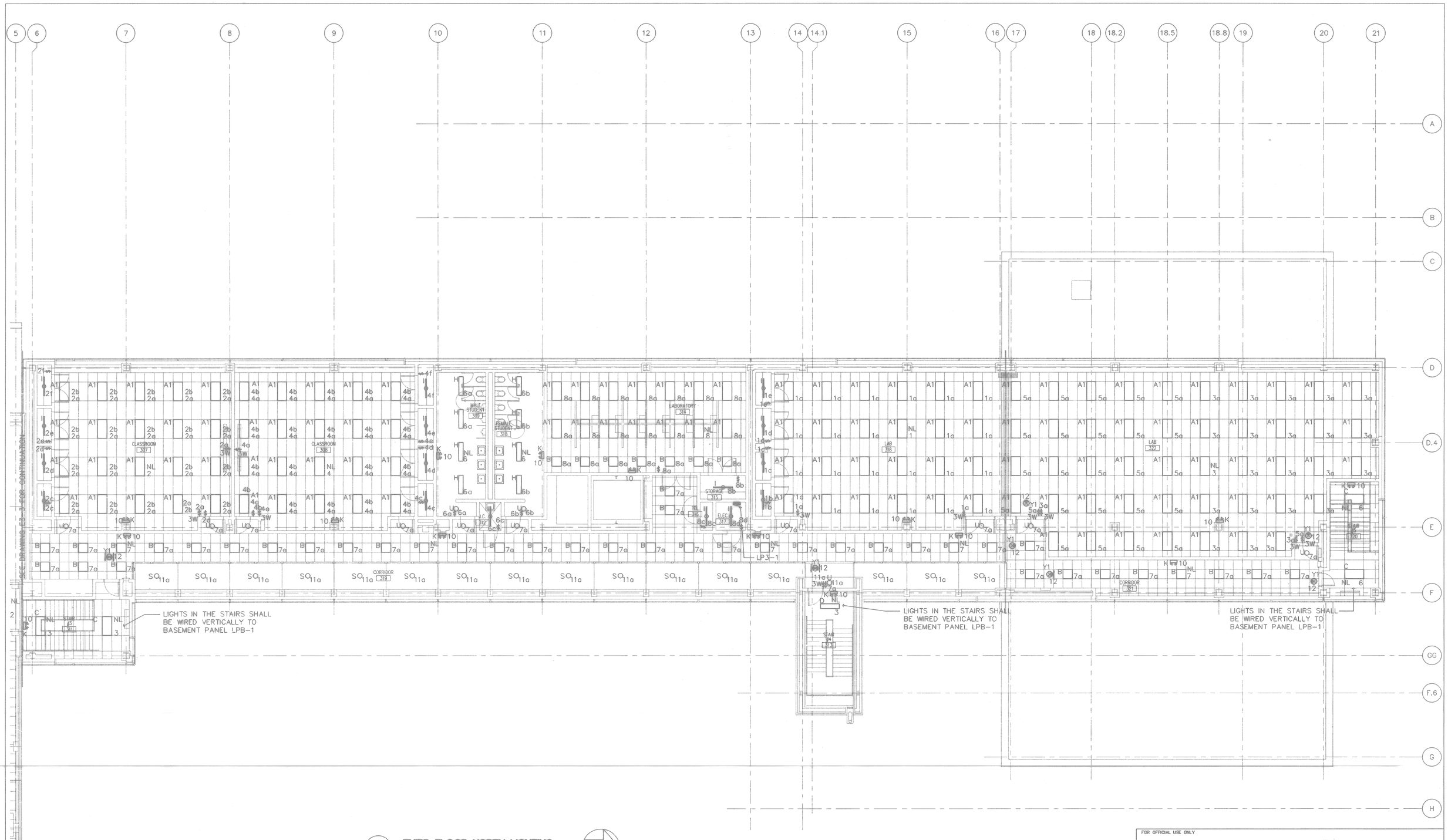
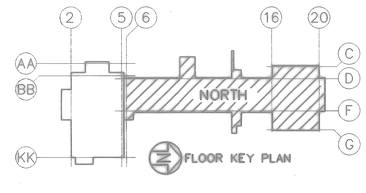


1 THIRD FLOOR-NORTH LIGHTING

E3-7 SCALE: 1/8"= 1'-0"

NOTES:
1. 277V. LIGHT CIRCUITS SHALL BE WIRED TO PANEL "LP3-1" UNLESS OTHERWISE NOTED.
2. CLASSROOMS WITH DUAL LIGHTING LEVEL SHALL HAVE THE CENTER LAMP SWITCHED AT THE ENTRANCE AND THE 2-OUTER LAMPS SWITCHED AT THE ENTRANCE AND AT THE BLACKBOARD.

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



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SOUTHERN DIVISION
CHARLESTON, S.C.

NAVAL TRAINING CENTER — GREAT LAKES, ILLINOIS

DAMAGE CONTROL SCHOOL

THIRD FLOOR-NORTH LIGHTING

DSGN ANG DR JACQUEZ CHK SEABORG
SUPV POPOVIC CH ENGR
SUBMITTED BY DATE
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EIC DR HDQ
FPE DR
APPROVED DATE
OFFICER IN CHARGE
APPROVED DATE
EFD FOR COMMANDER, NAVFAC 9/10/97

EDDY K. ANG 30652 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	DRAWING NO.
F	80091	5276632	E3-7
SCALE 1/8"=1'-0"		CONSTR CONTR NO. N62467-93-C-1143	
		SPEC 06-93-1143	SHEET 2.19 OF

Filename: P:\PAPER\JEPS2307
User: JJ
Date&time: 08/31/94 08:18:49

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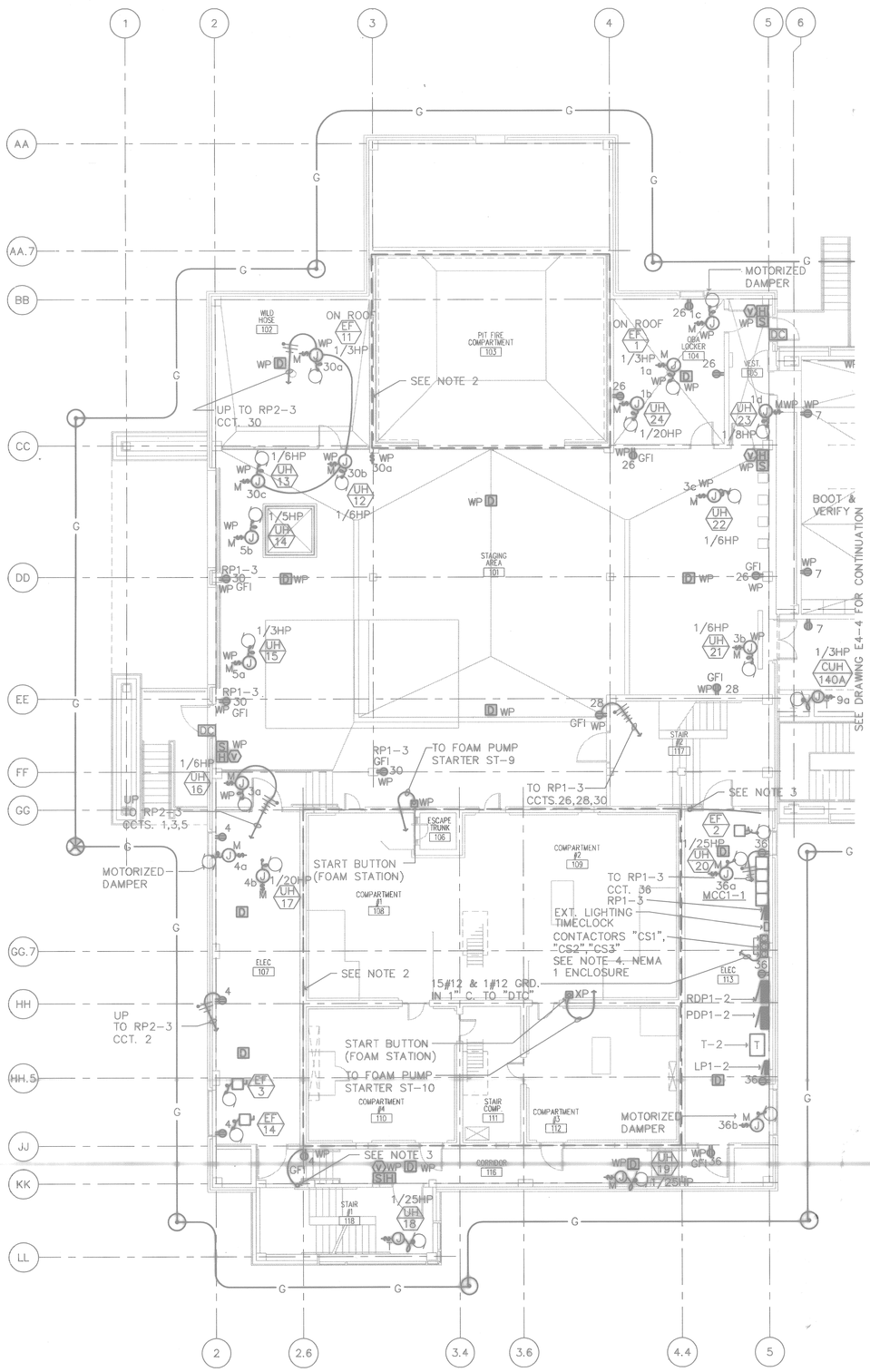
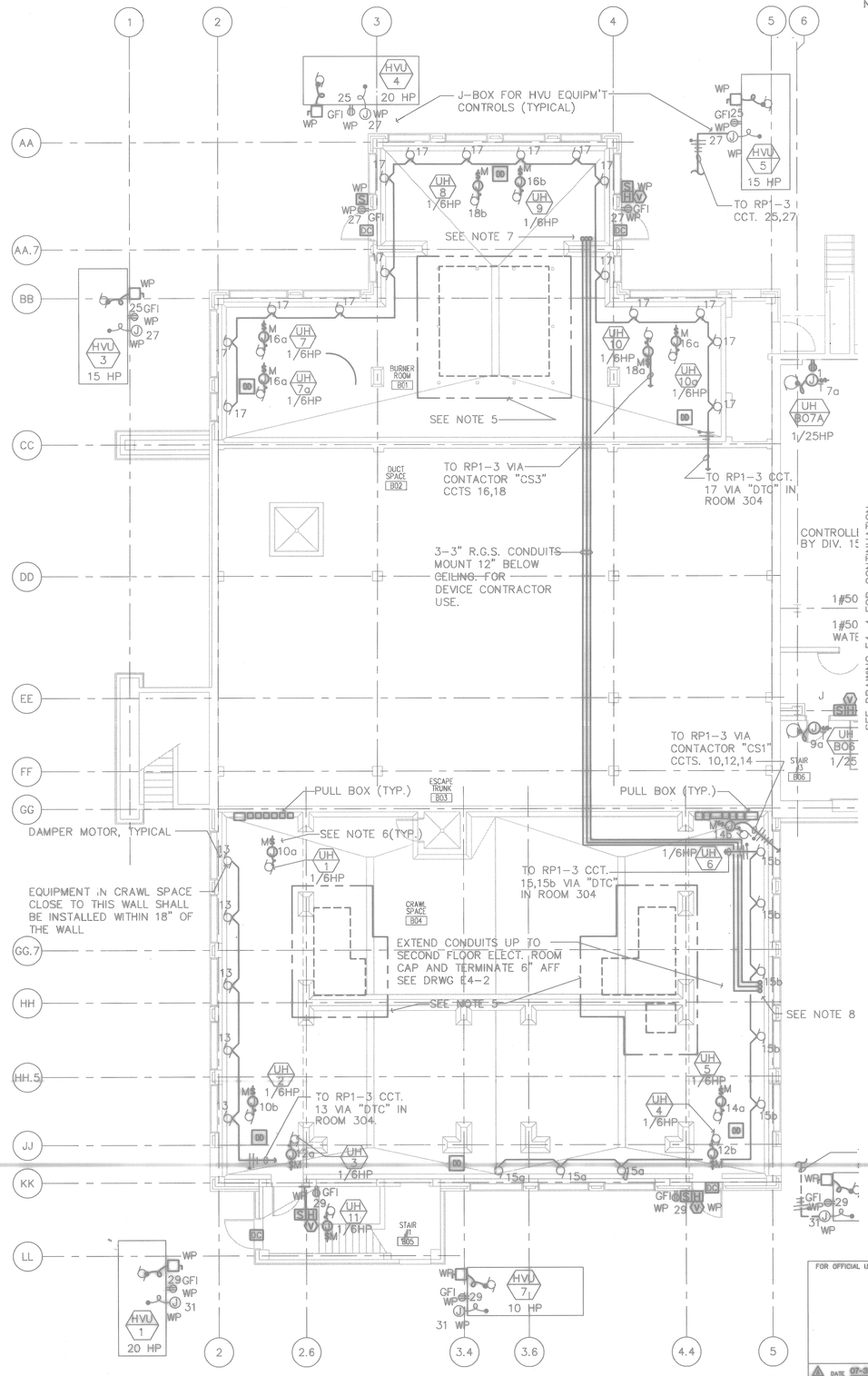
P: JMBP0332 MS hsp=0.0		
P: JMBP0332M	Hosted 2R6F	

NOTES:

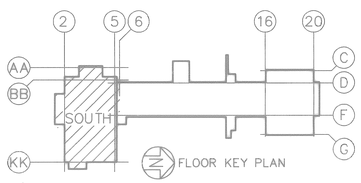
1. STARTERS IN STAGING AREA SHALL BE IN NEMA 3R ENCLOSURES, IN WILD HOSE ROON SHALL BE IN NEMA 13 AND IN ELECTRIC ROOMS SHALL BE IN NEMA 1.
2. HIDDEN LINE INDICATES LIMITS OF BURN AREA. DO NOT RUN ANY CONDUITS IN OR THROUGH THESE SPACES. WHERE CONDUITS MUST BE INSTALLED WITHIN THE WALLS OF THE BURN AREA THIS CONDUIT, ASSOCIATED FITTINGS, OUTLET BOXES AND CONDUCTORS SHALL BE SUITABLE FOR HIGH TEMPERATURE APPLICATIONS.
3. UP TO SECOND FLOOR CRAWL SPACE RECEPTACLE AT STAIRS.
4. 3-8 POLE, 20 AMP, ELECTRICALLY HELD CONTACTORS WITH 120 VOLT COIL AND NEMA 1 ENCLOSURE. REFER TO MECHANICAL DRAWINGS FOR CONTROL REQUIRMENTS.
5. PHANTOM LINE INDICATE THE LIMITS OF AN EXTREME HIGH TEMPERATURE AREA WITHIN THE CRAWL SPACE. DO NOT INSTALL ANY WIRING CONDUIT OR DEVICES WITHIN THIS BOUNDARY.
6. PROVIDE MANUAL STARTER WITHOUT OVERLOAD PROTECTION FOR UNIT HEATERS IN CRAWL SPACE.
7. STUB 3-3" CONDUITS 4" O.C. UP, 4" FROM EAST WALL AND 24" FROM NORTH WALL TO CENTER OF FIRST CONDUIT @ LEFT SIDE AND CAP ENDS.
8. SEE NOTE 6 ON DRAWING E4-2 FOR STUB UP LOCATIONS.
9. SEE GENERAL NOTES 3,6 & 9.



2 FIRST FLOOR-SOUTH POWER & MISC. PLAN
E4-1 SCALE: 1/8"= 1'-0"



1 FIRST FLOOR CRAWL SPACE SOUTH-POWER & MISC.
E4-1 SCALE: 1/8"= 1'-0"



FLOOR KEY PLAN

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

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SOUTHERN DIVISION
CHARLESTON, S.C.

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EIC BR HD
FPC DIR
APPROVED DATE
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APPROVED DATE
EFD FOR COMMANDER, NAVFAC

NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

DAMAGE CONTROL SCHOOL
FIRST FLOOR & FIRST FLOOR
CRAWL-SOUTH POWER AND MISC.

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	DRAWING NO.
F	80091	5276633	E4-1
		CONSTR CONTR NO. N62467-93-C-1143	
SCALE 1/8"=1'-0"		SPEC 06-93-1143	SHEET 219 OF

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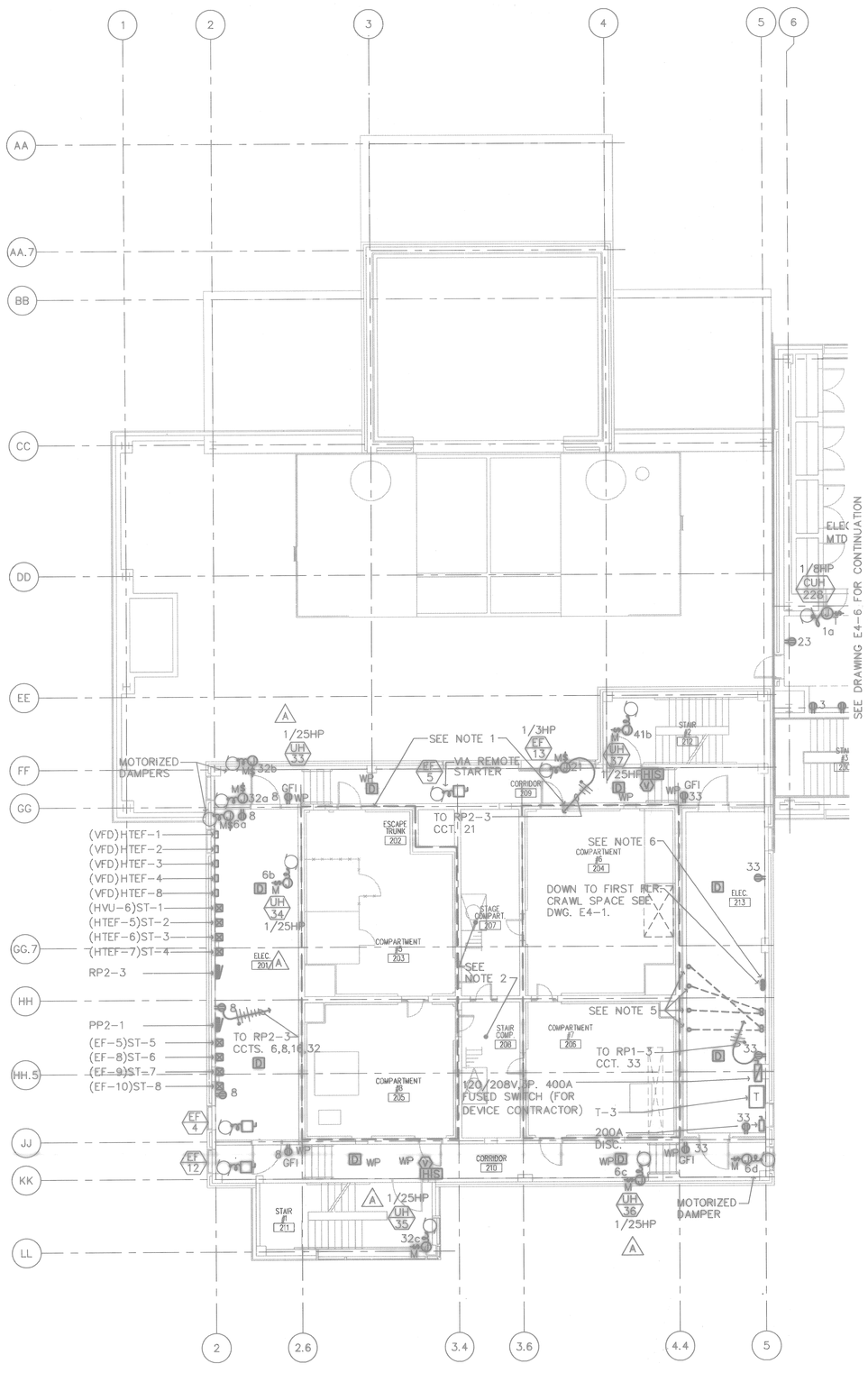
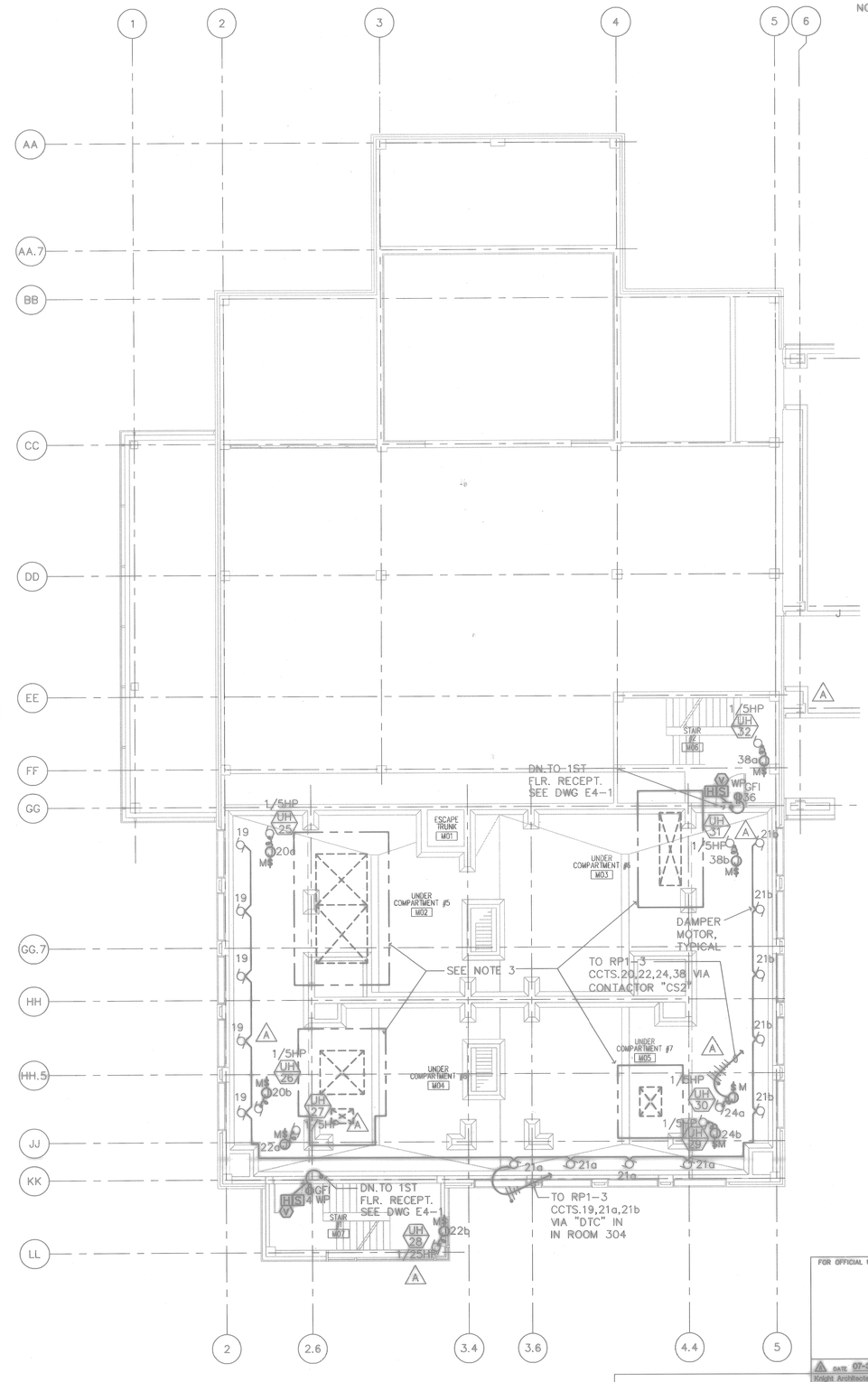
219

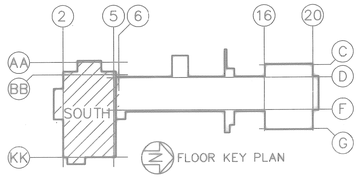


2 SECOND FLOOR-SOUTH POWER & MISC.
E4-2 SCALE: 1/8"= 1'-0"



1 SECOND FLOOR CRAWL SPACE-SOUTH POWER & MISC.
E4-2 SCALE: 1/8"= 1'-0"

NOTES:
1. HIDDEN LINE INDICATES LIMITS OF BURN AREA DO NOT RUN ANY CONDUITS IN OR THROUGH THESE SPACES WHERE CONDUITS MUST BE INSTALLED WITHIN THE WALLS OF THE BURN AREA THIS CONDUIT, ASSOCIATED FITTINGS, OUTLET BOXES AND CONDUCTORS SHALL BE SUITABLE FOR HIGH TEMPERATURE APPLICATIONS.
2. ALL ELECTRICAL WIRING/DEVICES IN STAIR COMPARTMENTS SHALL BE WATERPROOF.
3. PHANTOM LINE INDICATES THE LIMITS OF AN EXTREME HIGH TEMPERATURE AREA WITHIN THE CRAWL SPACE. DO NOT INSTALL ANY WIRING, CONDUIT OR DEVICES WITHIN THIS BOUNDARY.
4. PROVIDE MANUAL STARTERS WITHOUT OVERLOAD PROTECTION FOR UNIT HEATERS IN CRAWL SPACE.
5. CONCEAL 2" CONDUITS IN SECOND FLOOR CEILING SLAB AND STUB INTO ROOM# 213 5-1/2" FROM NORTH AND SOUTH WALLS, TERMINATE 12" BELOW CEILING. (FOR USE BY DEVICE CONTRACTOR)
6. CONDUITS FROM PIT BURNER ROOM SHALL TERMINATE 4" FROM NORTH WALL, 20'-6" FROM EAST WALL, 6" O.C., STUB 12" A.F.F. AND CAP.
7. SEE GENERAL NOTES 3,6 & 9.



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

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
SOUTHERN DIVISION
CHARLESTON, S.C.

NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

DAMAGE CONTROL SCHOOL
SECOND FLOOR AND SECOND FLOOR
CRAWL SPACE-SOUTH POWER & MISC.

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	DRAWING NO.
F	80091	5276634	E4-2

CONSTR CONTR NO. N62467-93-C-1143
SCALE 1/8"=1'-0" SPEC 06-93-1143 SHEET 220 OF

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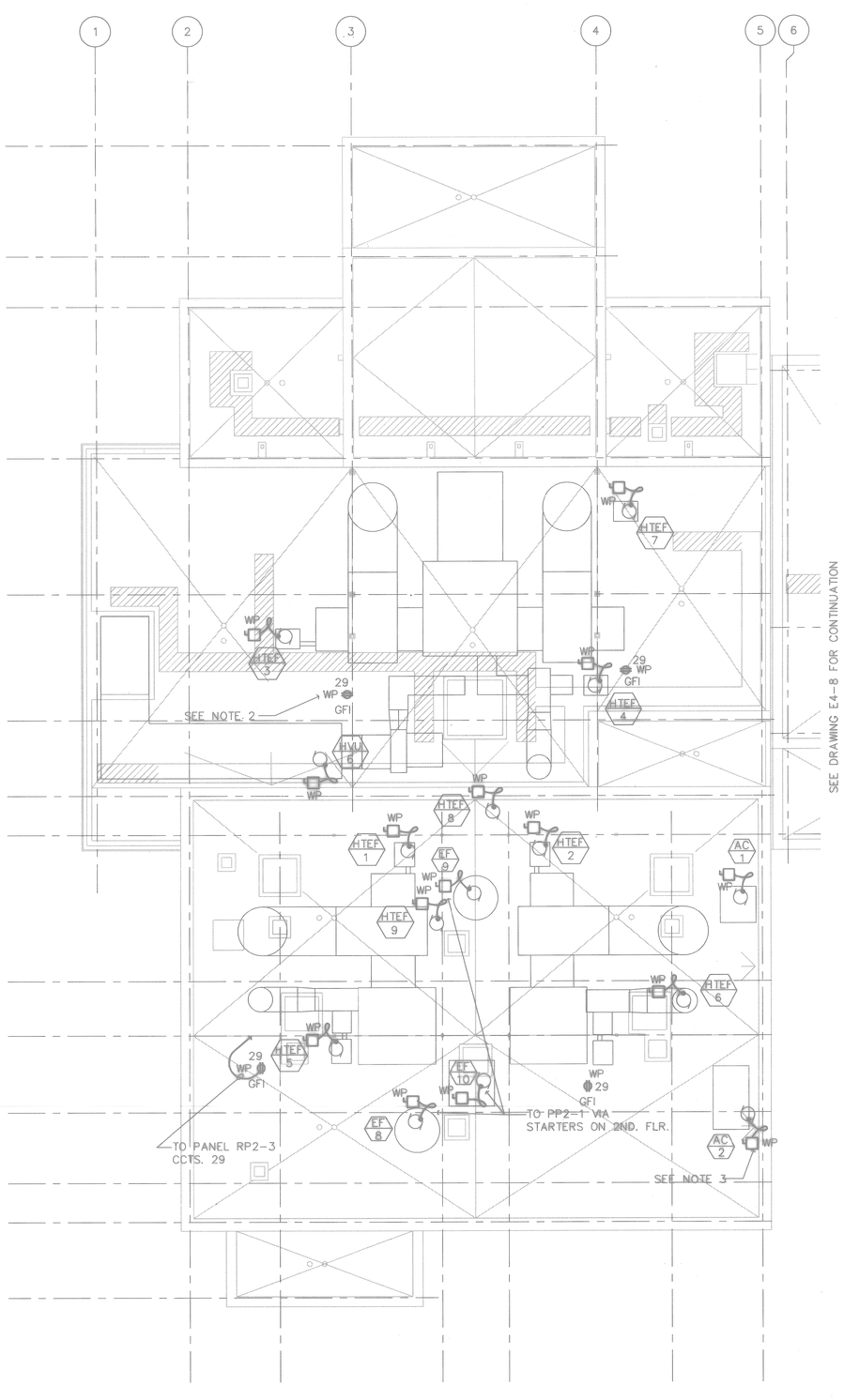
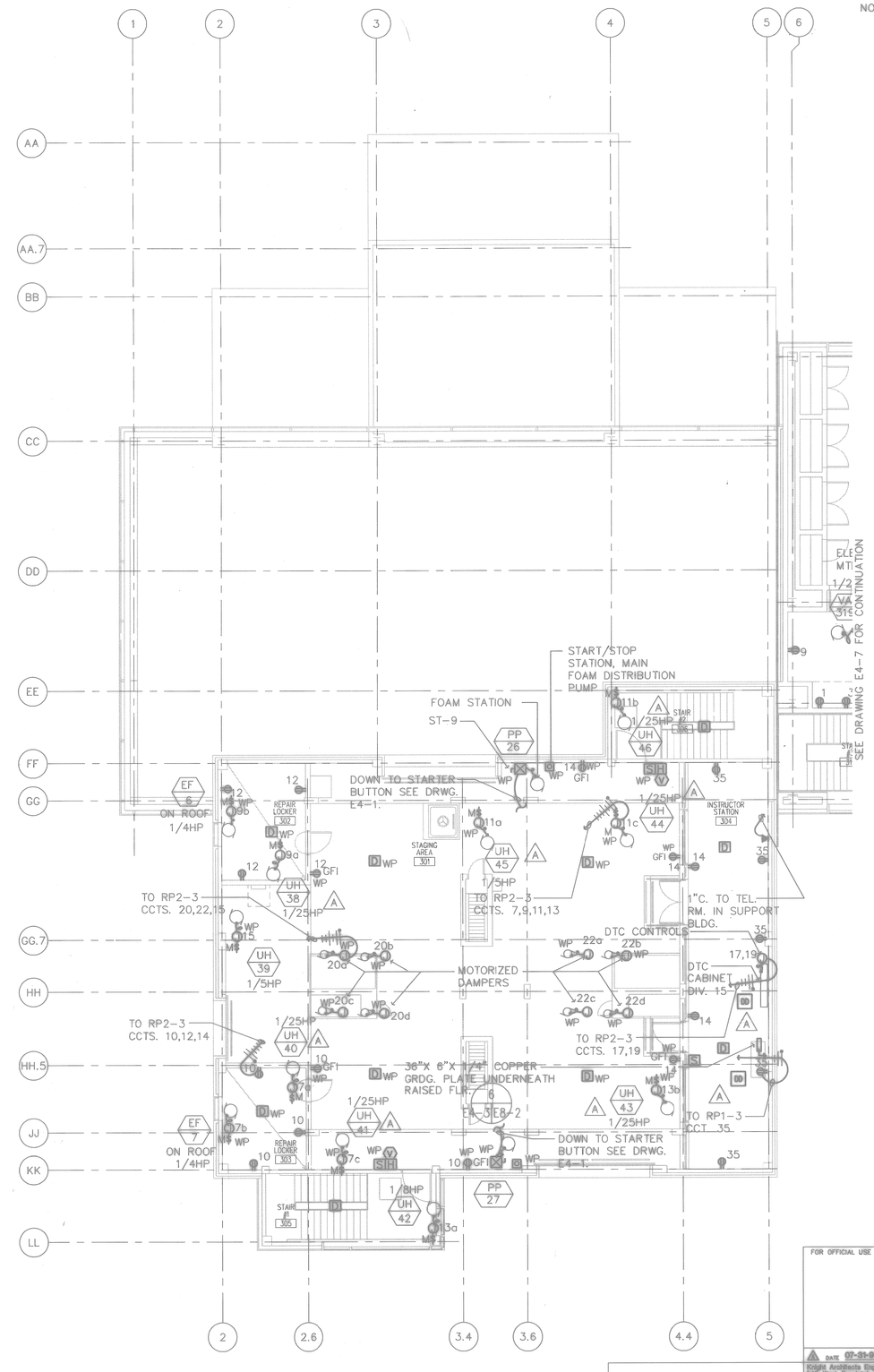
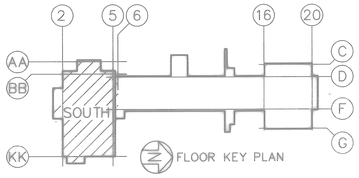
NOTES:
1. REFER TO MOTOR CONTROL SCHEDULE FOR 480V., 3ø EQUIPMENT WIRING REQUIREMENTS.
2. MOUNT RECEPTACALES ON ROOF TO NEAREST STRUCTURAL STEEL EQUIPMENT SUPPORT MEMBER.
3. MOUNT ELECTRICAL DEVICES TO STRUCTURAL STEEL OF EQUIPMENT SUPPORT MEMBERS.
4. SEE GENERAL NOTES 3,6 & 9.



2 ROOFTOP SOUTH POWER & MISC.
E4-3 SCALE: 1/8"= 1'-0"



1 THIRD FLOOR-SOUTH POWER & MISC.
E4-3 SCALE: 1/8"= 1'-0"



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

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DATE 06/08/98

DATE 07-31-97 ISSUE CORRECTED TO AS-BUILT BY LTN INITIAL W.L.W.

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APPROVED DATE
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APPROVED DATE
EFD FOR COMMANDER NAVFAC

ARCH. & ENGR. SEAL

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
SOUTHERN DIVISION
CHARLESTON, S.C.

NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

DAMAGE CONTROL SCHOOL
THIRD FLOOR-SOUTH AND ROOFTOP POWER AND MISCELLANEOUS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	DRAWING NO.
F	80091	5276635	E4-3
		CONSTR CONTR NO. N62467-93-C-1143	
SCALE 1/8"=1'-0"		SPEC 06-93-1143	SHEET 221 OF

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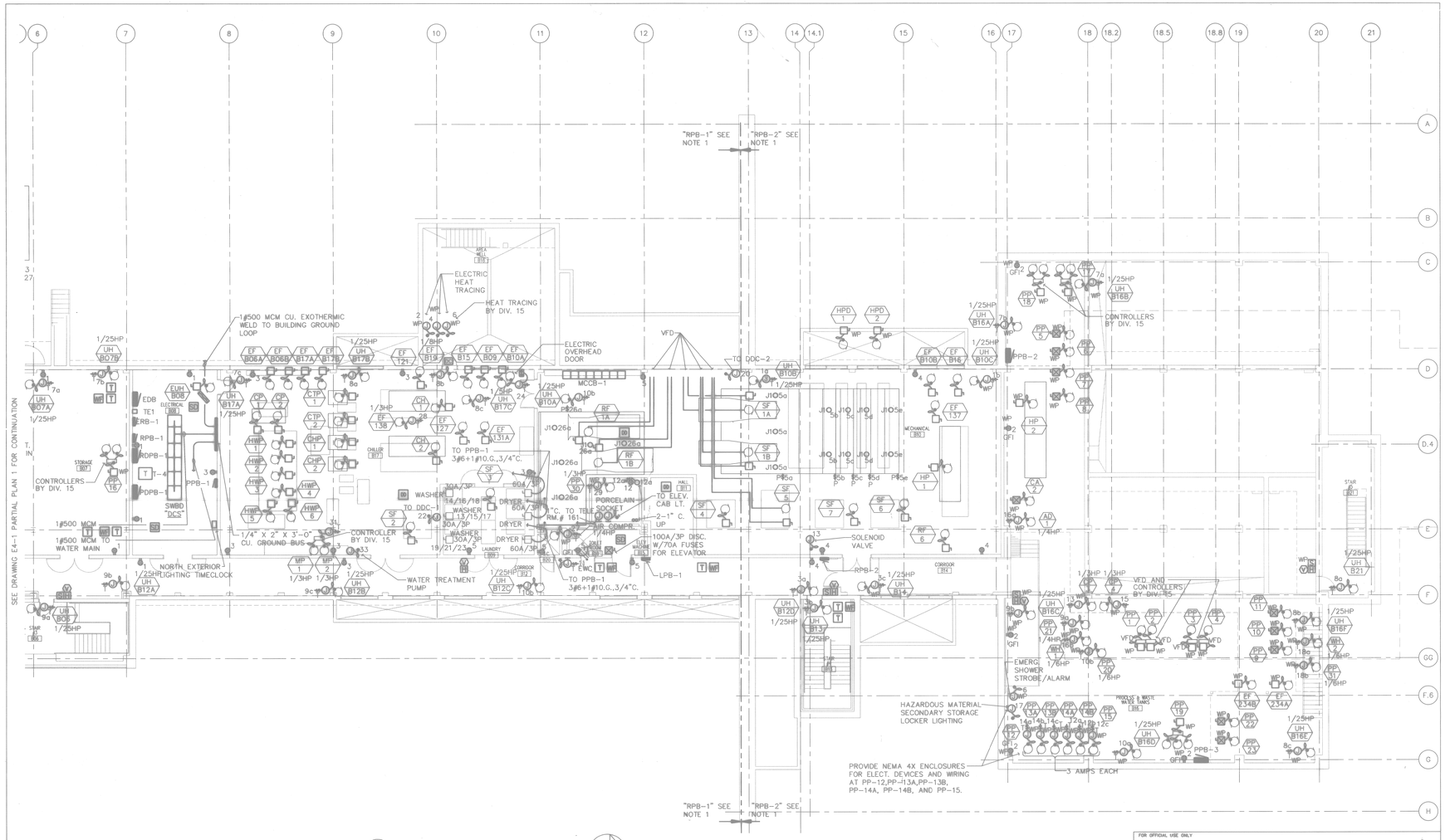
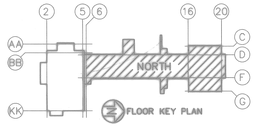


1 / E4-4 **BASEMENT-NORTH POWER & MISC.**
SCALE: 1/8" = 1'-0"

NOTES:
1. PHANTOM LINE INDICATES ZONE OF PANEL/POWER SOURCE, FOR ELECT. EQUIPMENT REQUIRING 120/208 VOLT. UNLESS OTHERWISE NOTED.
2. REFER TO MOTOR CONTROL SCHEDULE FOR 480 VOLT EQUIPMENT WIRING REQUIREMENTS.

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

A AFFECTS ENTIRE SHEET



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NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

DAMAGE CONTROL SCHOOL
BASEMENT-NORTH POWER AND MISCELLANEOUS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.	DRAWING NO.
F	80091	5276636	E4-4
		CONS'N CONTR NO. N62467-93-C-1143	
SCALE 1/8"=1'-0"		SPEC 08-93-1143	SHEET 22 OF

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