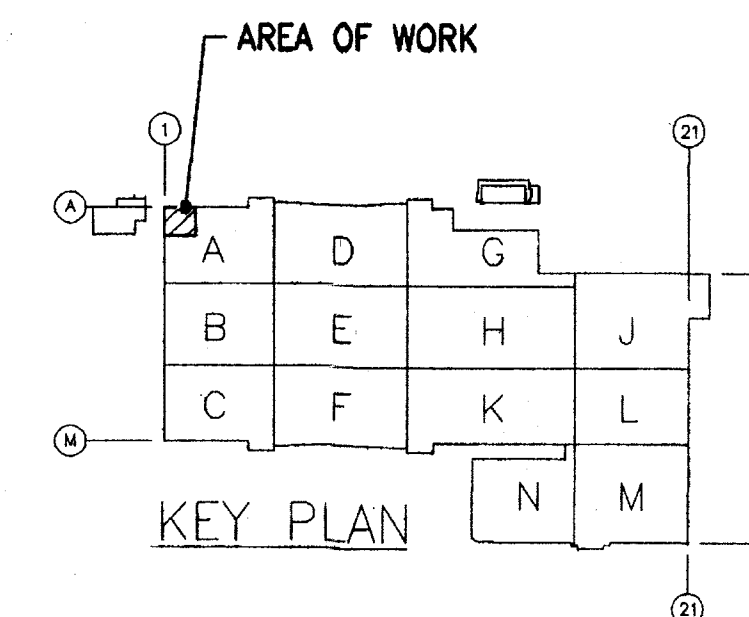
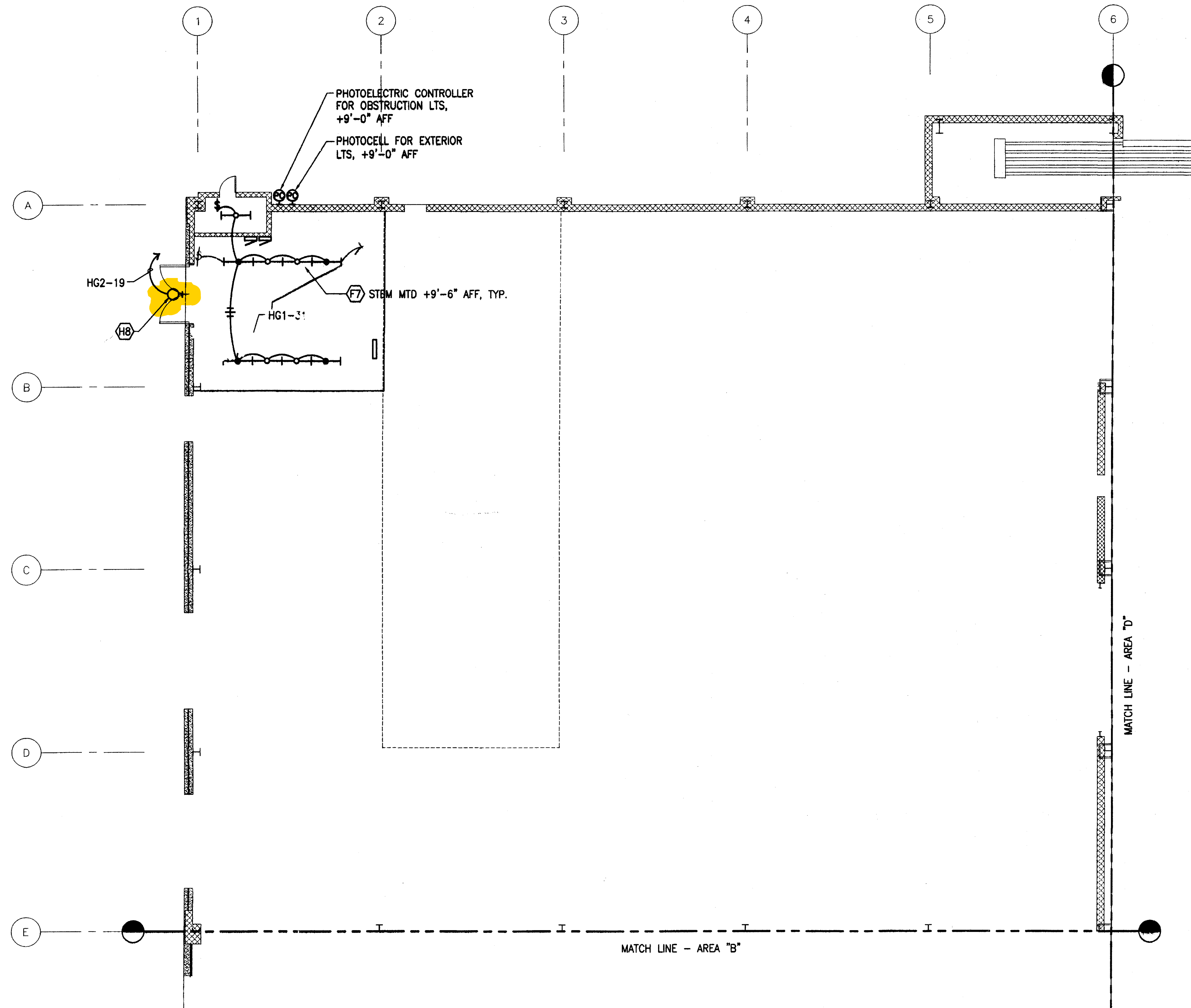




1
E3.01 | E3.01
GROUND FLOOR - AREA 'A' - NEW LIGHTING PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 12' 16' 20' 24'
SCALE: 1/8" = 1'-0"

AS-BUILT DRAWINGS/SPECIFICATIONS
THIS CERTIFIES THAT THE DIMENSIONS
AND DETAILS SHOWN ON THIS SHEET
REFLECT THE DIMENSIONS AND DETAILS
AND SPECIFICATIONS AS CONSTRUCTED
IN THE FIELD.
WASA ELECTRICAL SERVICES, INC.
Harold Calogian, FEB 28 2008
Signature Date

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SCALE REDUCED ACCORDINGLY

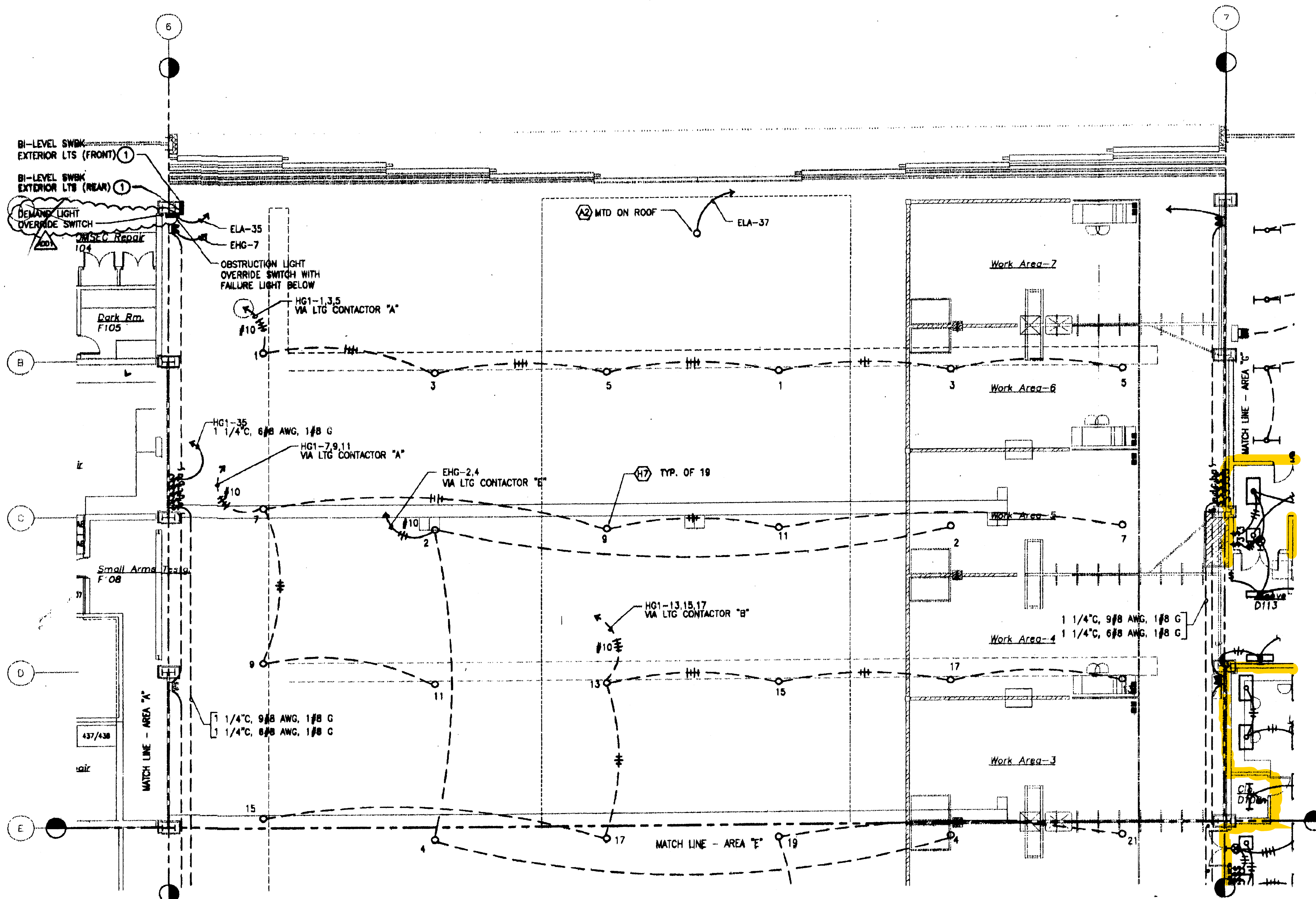


The Contractor will be responsible
for coordinating the work among
the various trades as necessary to
avoid conflicts and to insure the
installation of all work within the
available space.

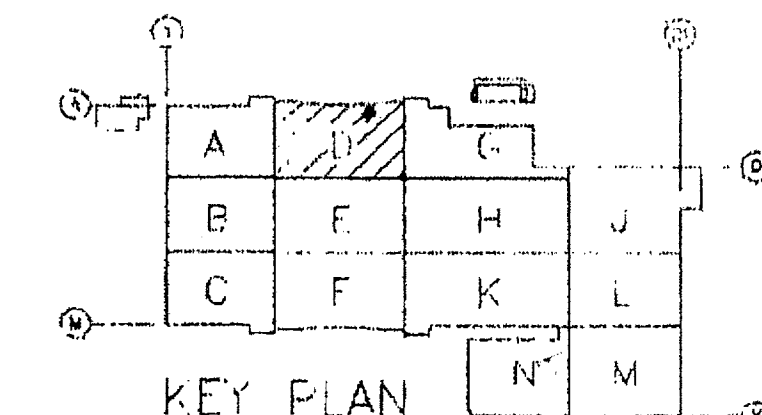
Jay K. Hashimoto

RECEIVED
FEB 25 2004

REVISION NO.	DESCRIPTION	DATE	BY	CHK'D
1	BASE CONTRACT REVISIONS	01/20/04	JH	
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII				
DESIGNED:	JH	MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS and ALTERATIONS TO BUILDING 117 Kalaheo (Barbers Point NAS), Hawaii PHASE I		
DRAWN:	CP			
CHECKED:	JH			
ENGINEER:	JH			
APPROVED:	HARRING FAC. MGT. OFFICER	APPROVED:	NGB USPFO FOR HAWAII	DATE:
				20 DEC. 2002
APPROVED:		SCALE:	AS SHOWN	
		DRAWING NO.	E3.01	
			SHEET: 493 OF	



SHEET NOTE:
 ① COORDINATE EXACT LOCATION OF SWITCH BANK WITH HIRING PRIOR TO ROUGH-IN.



GROUND FLOOR - AREA 'D' - NEW LIGHTING PLAN
 E3.04 E3.04 SCALE: 1/8" = 1'-0"

AS-BUILT DRAWINGS/SPECIFICATIONS
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 WASA ELECTRICAL SERVICES, INC.
 Signature: *Harold C. Langer* Date: FEB 28 2008

0 4' 8' 12' 16' 20' 24'
 SCALE: 1/8" = 1'-0"

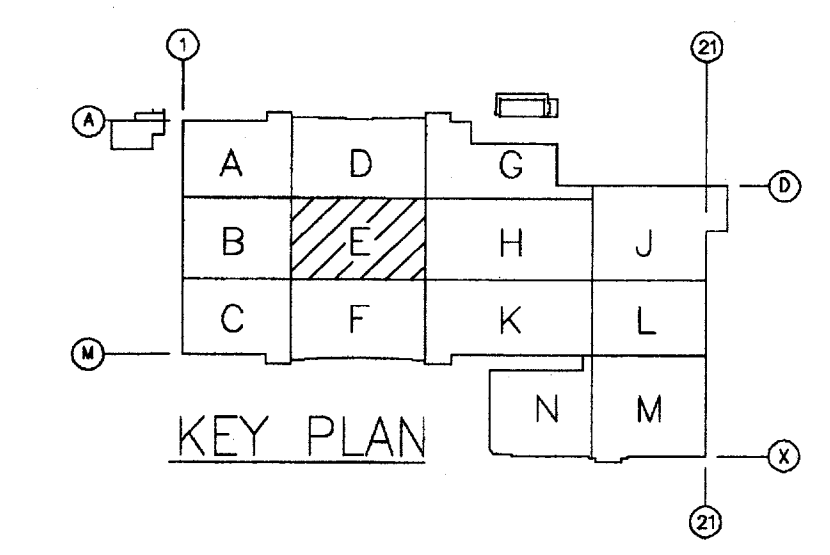
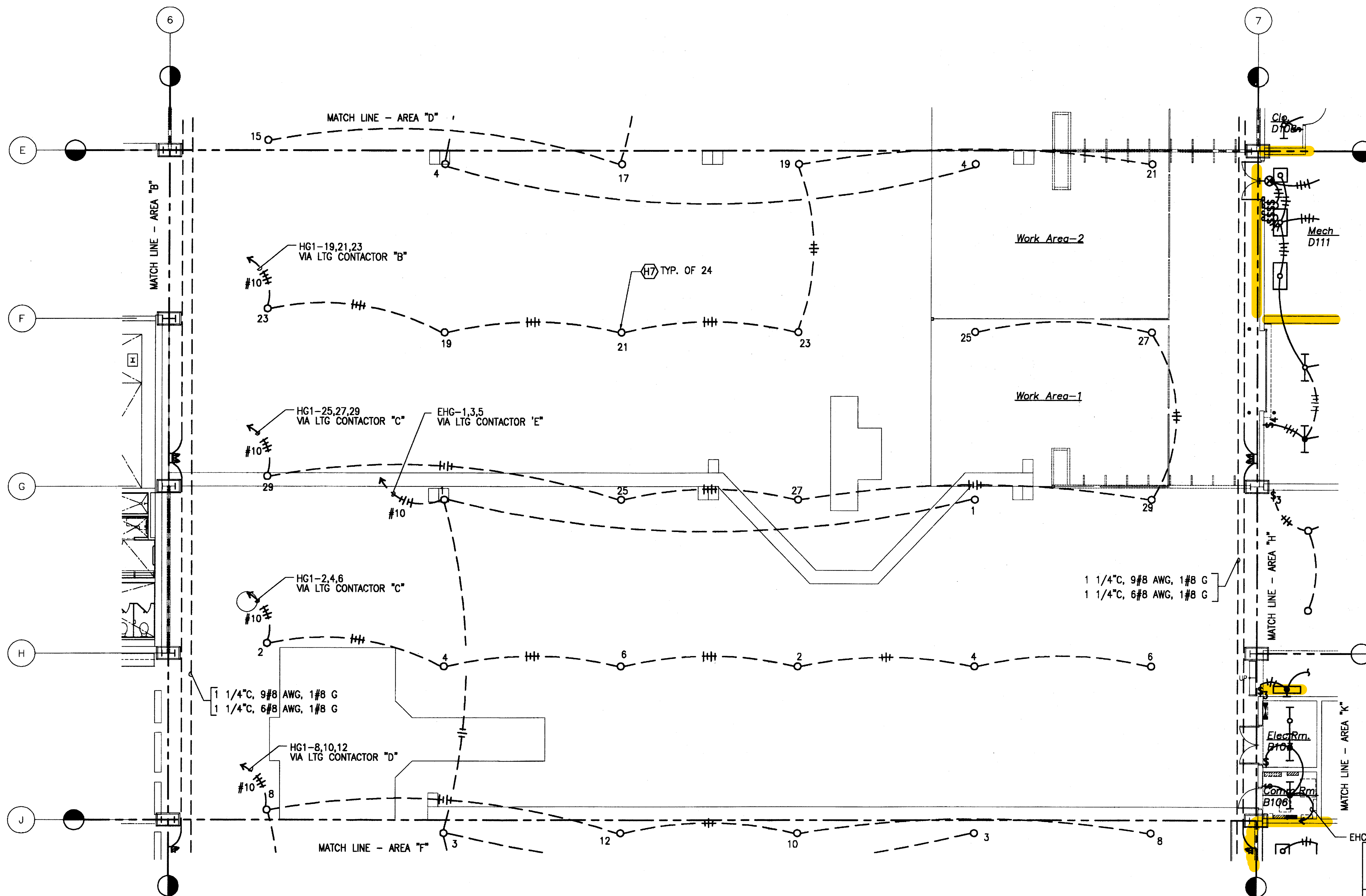
IF SHEET IS LESS THAN 24" X 36" IT IS A REDUCED PRINT-SCALE REDUCED ACCORDINGLY

The Contractor will be responsible for coordinating the work among the various trades as necessary to avoid conflict and to insure the installation of all work within the available space.

JAY K. HASHIMOTO
 LICENSED PROFESSIONAL ENGINEER
 No. 8374-E
 HAWAII U.S.A.

Jay K. Hashimoto

REVISION NO.	DESCRIPTION	DATE	BY	CHK'D
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII				
DESIGNED:	JH	MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS and ALTERATIONS TO BUILDING 117 Kalaheo (Barbers Point NAS), Hawaii PHASE I		
DRAWN:	CP			
CHECKED:	JH			
ENGINEER:	JH			
APPROVED:	HIRING FAC. MGT. OFFICER		APPROVED:	DATE:
			NGS USPFO FOR HAWAII	20 DEC. 2002
APPROVED:			SCALE:	AS SHOWN
			DRAWING NO.	E3.04
			SHEET:	494 OF



GROUND FLOOR - AREA 'E' - NEW LIGHTING PLAN
 E3.05 E3.05 SCALE: 1/8" = 1'-0"

0 4' 8' 12' 16' 20' 24'
 SCALE: 1/8" = 1'-0"

AS-BUILT DRAWINGS/SPECIFICATIONS
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 WASA ELECTRICAL SERVICES, INC.
 David Calogian FEB 28 2008
 Signature Date

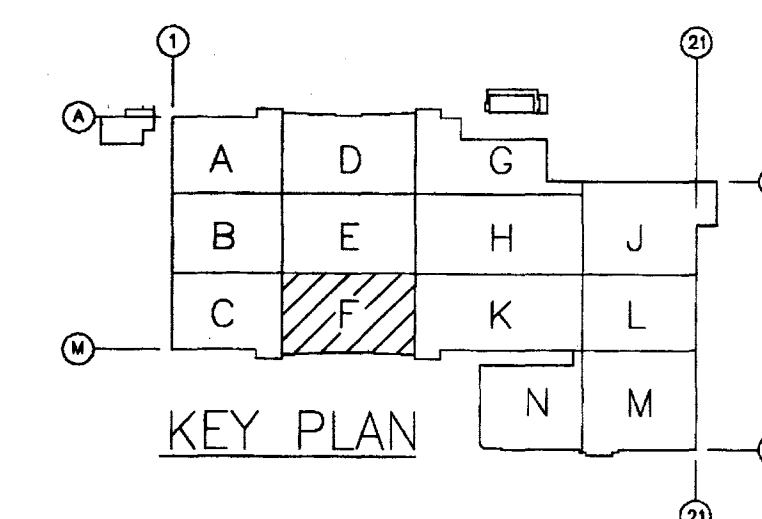
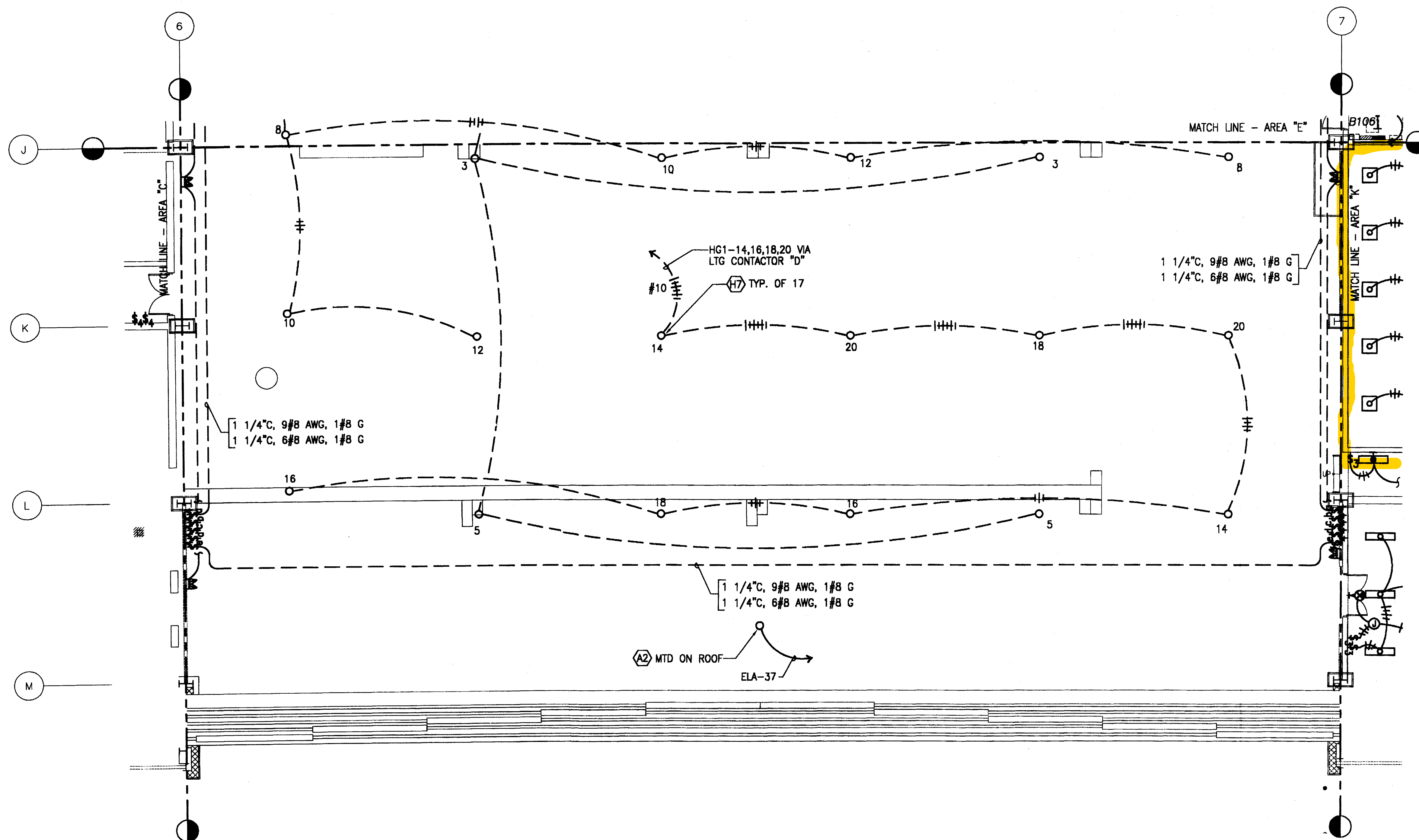
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The Contractor will be responsible for coordinating the work among the various trades as necessary to avoid conflicts and to insure the installation of all work within the available space.

Jay K. Hashimoto

APPROVED: TAG-HAWAII		DATE:	
APPROVED: HIARNG COMMANDER:		DATE:	
REVISION NO.	DESCRIPTION	DATE	BY
			CHK'D
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII			
DESIGNED: JH	MILITARY TRAINING COMPLEX, PROJECT 150057		
DRAWN: CP	ADDITIONS and ALTERATIONS TO BUILDING 117		
CHECKED: JH	Kalaheo (Barbers Point NAS), Hawaii		
ENGINEER: JH	PHASE I		
APPROVED: HIARNG FAC. MGT. OFFICER		APPROVED: NGB USPFO FOR HAWAII	
DATE: 1 NOV. 2002		DATE:	
APPROVED:		SCALE: AS SHOWN	
DRAWING NO. E3.05		SHEET: 495 OF 578	



GROUND FLOOR - AREA "F" - EW LIGHTING PLAN
 E3.06 E3.06 SCALE: 1/8" = 1'-0"

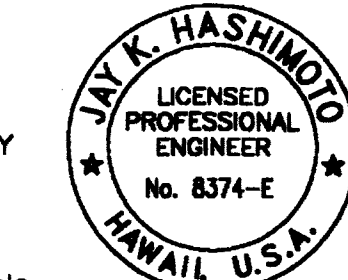
AS-BUILT DRAWINGS/SPECIFICATIONS

THIS CERTIFIES THAT THE DIMENSIONS AND DETAILS SHOWN ON THIS SHEET REFLECT THE DIMENSIONS AND DETAILS AND SPECIFICATIONS AS CONSTRUCTED IN THE FIELD.

WASA ELECTRICAL SERVICES, INC.
 Signature: *Harold Gibson* Date: FEB-28 2008

0 4' 8' 12' 16' 20' 24'
 SCALE: 1/8" = 1'-0"

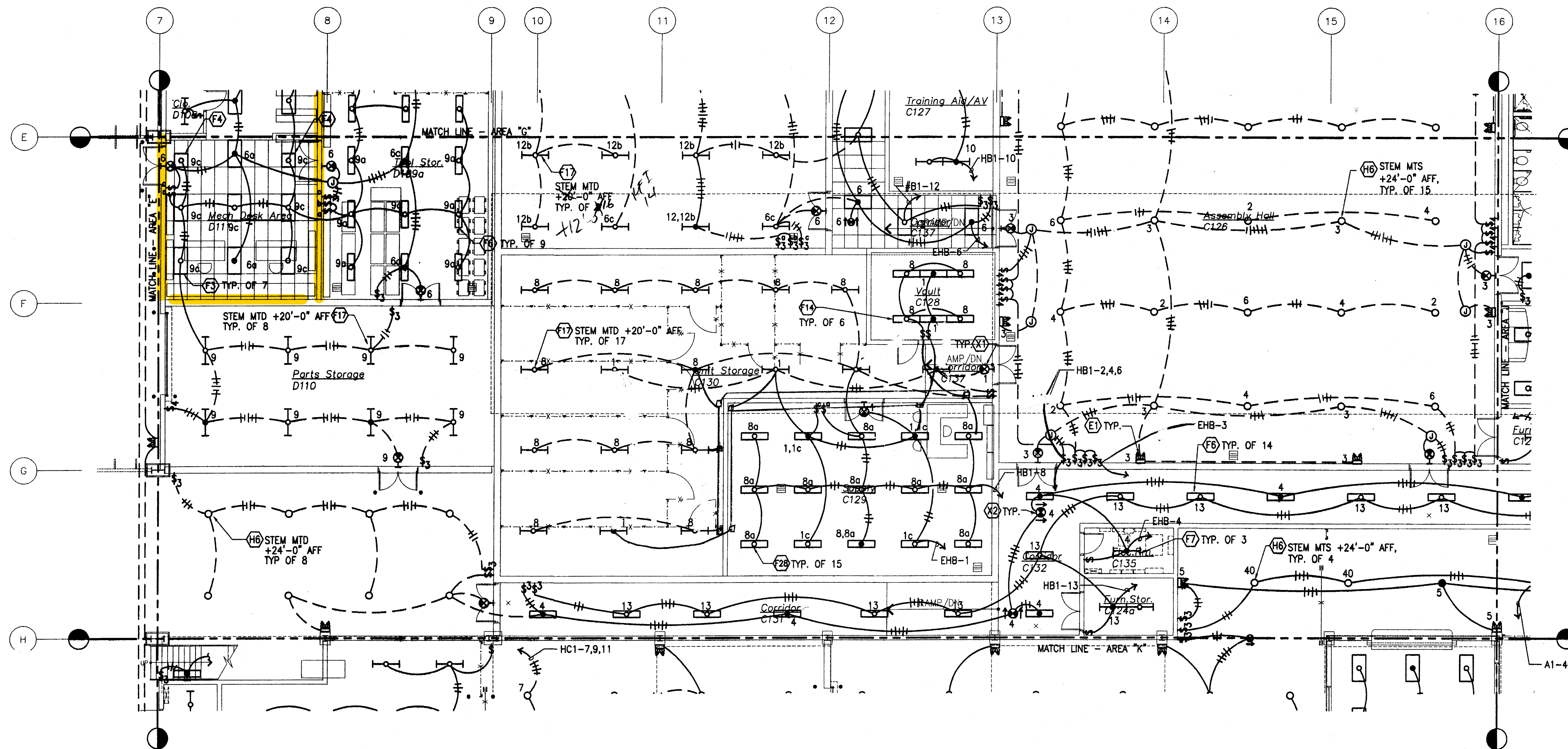
IF SHEET IS LESS THAN 24" X 36" IT IS A REDUCED PRINT-SCALE REDUCED ACCORDINGLY



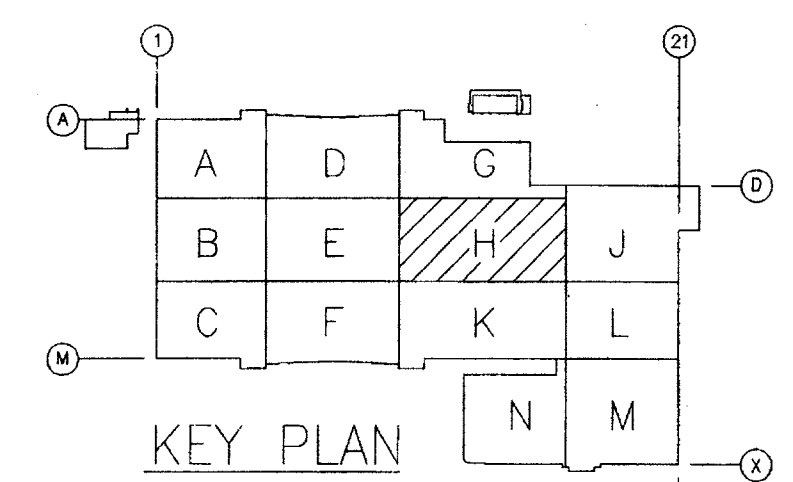
The Contractor will be responsible for coordinating the work among the various trades as necessary to avoid conflicts and to insure the installation of all work within the available space.

Jay K. Hashimoto

APPROVED: TAG-HAWAII		DATE:	
APPROVED: HIARNG COMMANDER:		DATE:	
REVISION NO.	DESCRIPTION	DATE	BY
			CHK'D
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII			
DESIGNED: JH	MILITARY TRAINING COMPLEX, PROJECT 150057		
DRAWN: CP	ADDITIONS and ALTERATIONS TO BUILDING 117		
CHECKED: JH	Kalaheo (Barbers Point NAS), Hawaii		
ENGINEER: JH	PHASE I		
APPROVED: HIARNG FAC. MGT. OFFICER		APPROVED: NGB USPFO FOR HAWAII	DATE: 1 NOV. 2002
APPROVED:		SCALE: AS SHOWN	DRAWING NO. E3.06
			SHEET: 496 OF 578



GROUND FLOOR - AREA 'H' - NEW LIGHTING PLAN
 E3.08 E3.08 SCALE: 1/8" = 1'-0"



0 4' 8' 12' 16' 20' 24'
 SCALE: 1/8" = 1'-0"

AS-BUILT DRAWINGS/SPECIFICATIONS
 THIS CERTIFIES THAT THE DIMENSIONS
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 AND SPECIFICATIONS AS CONSTRUCTED
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 WASA ELECTRICAL SERVICES, INC.
 Jay K. Hashimoto FEB 28 2008
 Signature Date

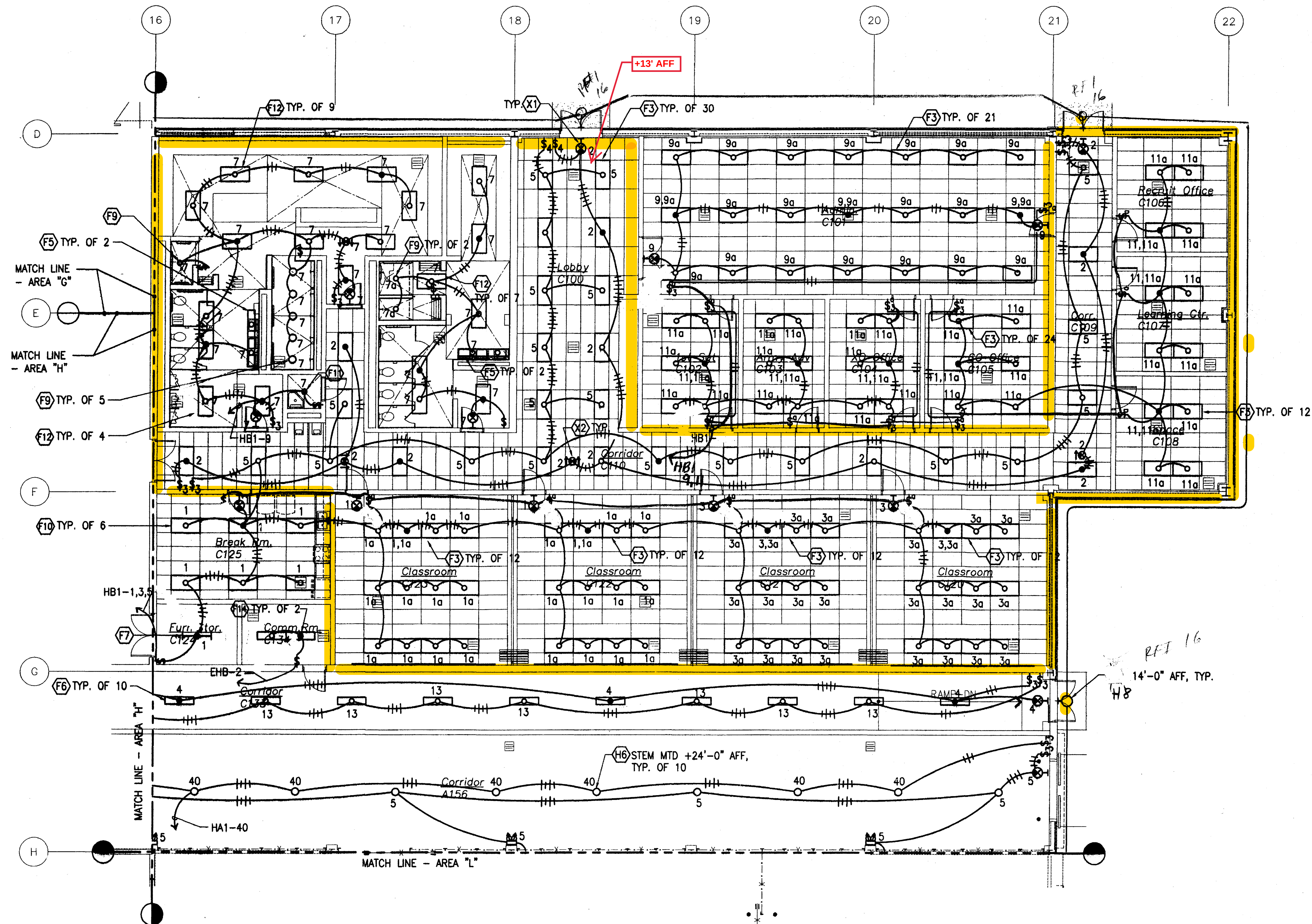
IF SHEET IS LESS THAN
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THE CONTRACTOR WILL BE RESPONSIBLE
 FOR COORDINATING THE WORK AMONG
 THE VARIOUS TRADES AS NECESSARY TO
 AVOID CONFLICTS AND TO INSURE THE
 INSTALLATION OF ALL WORK WITHIN THE
 AVAILABLE SPACE.

JAY K. HASHIMOTO
 LICENSED
 PROFESSIONAL
 ENGINEER
 No. 8374-E
 HAWAII, U.S.A.

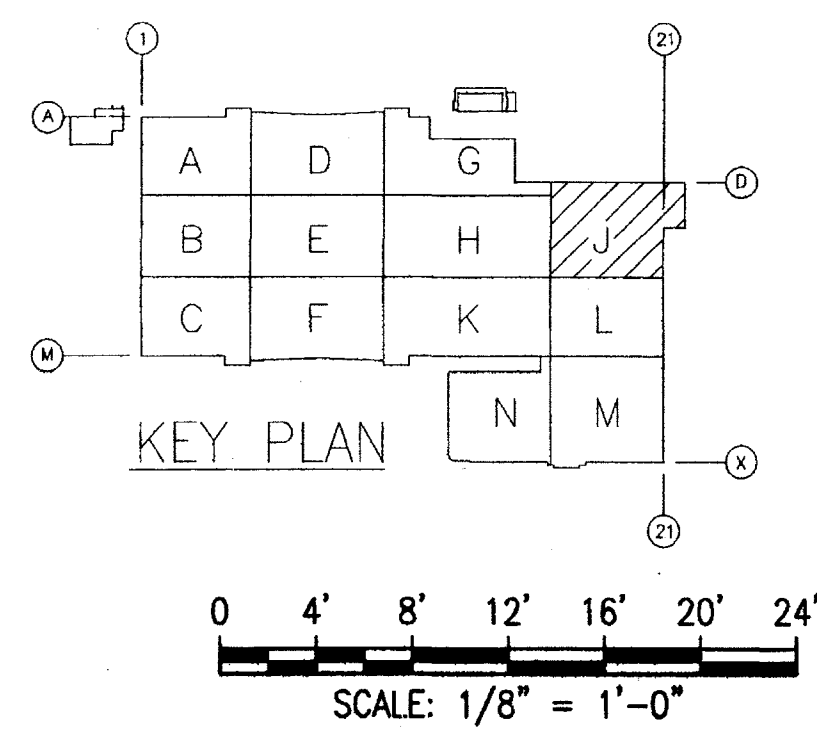
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 FEB 25 2004

REVISION NO.	DESCRIPTION	DATE	BY	CHK'D
1	BASE CONTRACT REVISIONS	01/20/04	JH	
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII				
DESIGNED:	JH	MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS and ALTERATIONS TO BUILDING 117 Kalaeloa (Barbers Point NAS), Hawaii PHASE I		
DRAWN:	CP			
CHECKED:	JH			
ENGINEER:	JH	GROUND FLOOR - AREA "H" - NEW LIGHTING PLAN		
APPROVED:	HIARNG FAC. MGT. OFFICER	APPROVED:	NGB USPFO FOR HAWAII	DATE: 20 DEC. 2002
APPROVED:		SCALE:	AS SHOWN	DRAWING NO. E3.08
				SHEET: 498 OF



1
E3.09/E3.09 SCALE: 1/8" = 1'-0"

GROUND FLOOR - AREA 'J' - NEW LIGHTING PLAN



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available space.

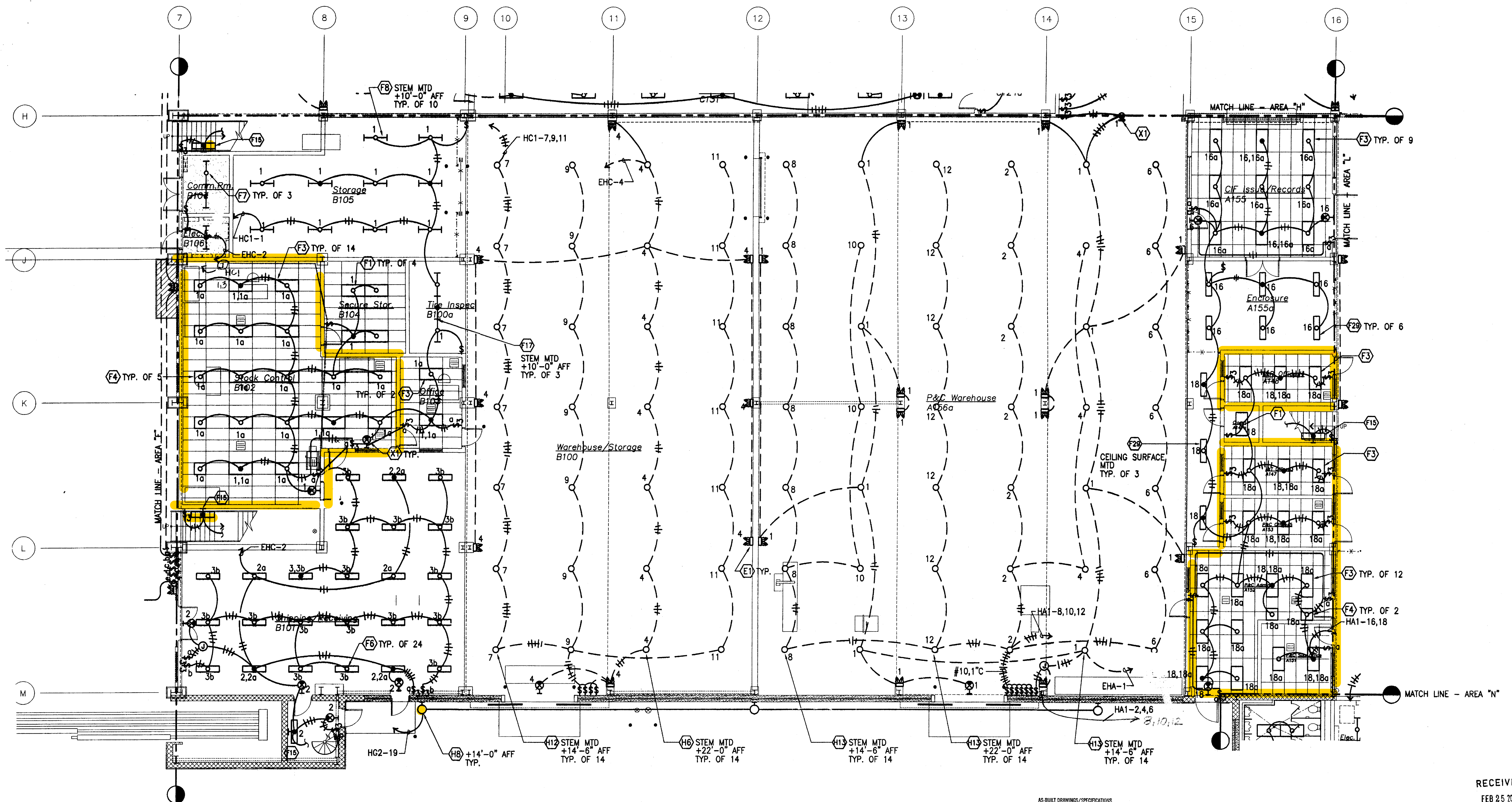


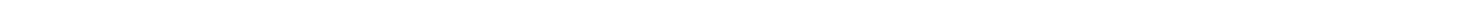
AS BUILT DRAWINGS/SPECIFICATIONS
THIS CERTIFIES THAT THE DIMENSIONS
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WASA ELECTRICAL SERVICES, INC.
Harold C. Cullen FEB 28 2008
Signature Date

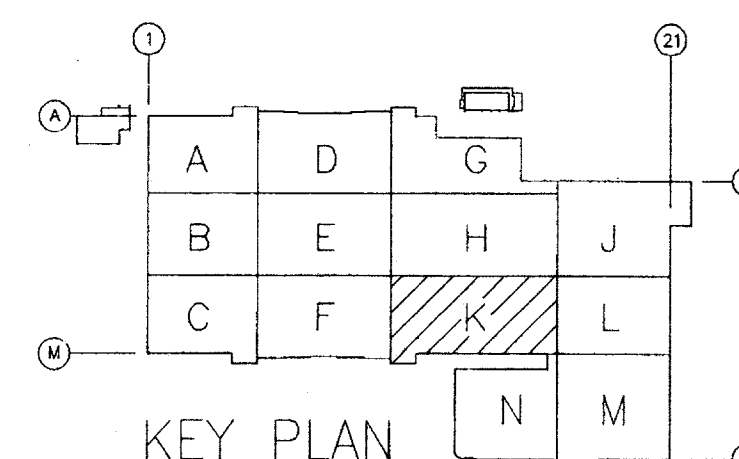
RECEIVED
FEB 25 2004

BASE CONTRACT REVISIONS		01/20/04	JH	
REVISION NO.	DESCRIPTION	DATE	BY	CHK'D
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII				
DESIGNED:	JH	MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS and ALTERATIONS TO BUILDING 117 Kalaeloa (Barbers Point NAS), Hawaii PHASE I		
DRAWN:	CP			
CHECKED:	JH			
ENGINEER:	JH			
GROUND FLOOR - AREA "J" - NEW LIGHTING PLAN				
APPROVED:	HIARNG FAC. MGT. OFFICER	APPROVED:	NGB USPFO FOR HAWAII	DATE: 20 DEC. 2002
APPROVED:		SCALE:	AS SHOWN	
		DRAWING NO.	E3.09	
			SHEET: 499 OF	



 **GROUND FLOOR - AREA "K" - NEW LIGHTING PLAN**
E3.10 | E3.10 SCALE: 1/8" = 1'-0"

E3.10 E3.10 SCALE: 1/8" = 1'-0"



KEY PLAN

0 4' 8' 12' 16' 20' 24'
SCALE: $1/8" = 1'-0"$

AS-BUILT DRAWINGS/SPECIFICATIONS

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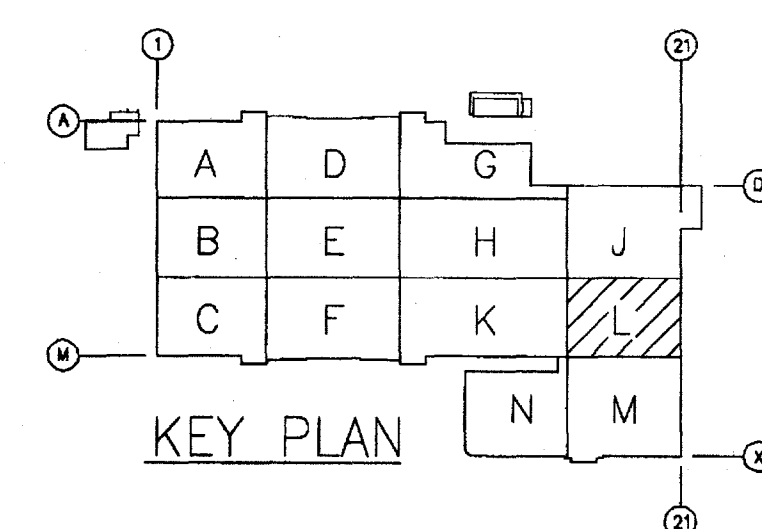
WASA ELECTRICAL SERVICES, INC.
Harold Caginon FEB 28 2008
Signature Date

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		BASE CONTRACT REVISIONS		01/20/04		JH			
REVISION NO.		DESCRIPTION		DATE		BY		CHK'D	
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII									
DESIGNED:		JH		MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS AND ALTERATIONS TO BUILDING 117 Kalaheo (Barbers Point NAS), Hawaii PHASE I					
DRAWN:		CP							
CHECKED:		JH							
ENGINEER:		JH							
				GROUND FLOOR - AREA "K" - NEW LIGHTING PLAN					
APPROVED: HARRING FAC. MGT. OFFICER				APPROVED: NGB USPFO FOR HAWAII			DATE: 20 DEC. 2002		
APPROVED:				SCALE:			AS SHOWN		
				DRAWING NO.			E3.10		
							SHEET: 500 OF		

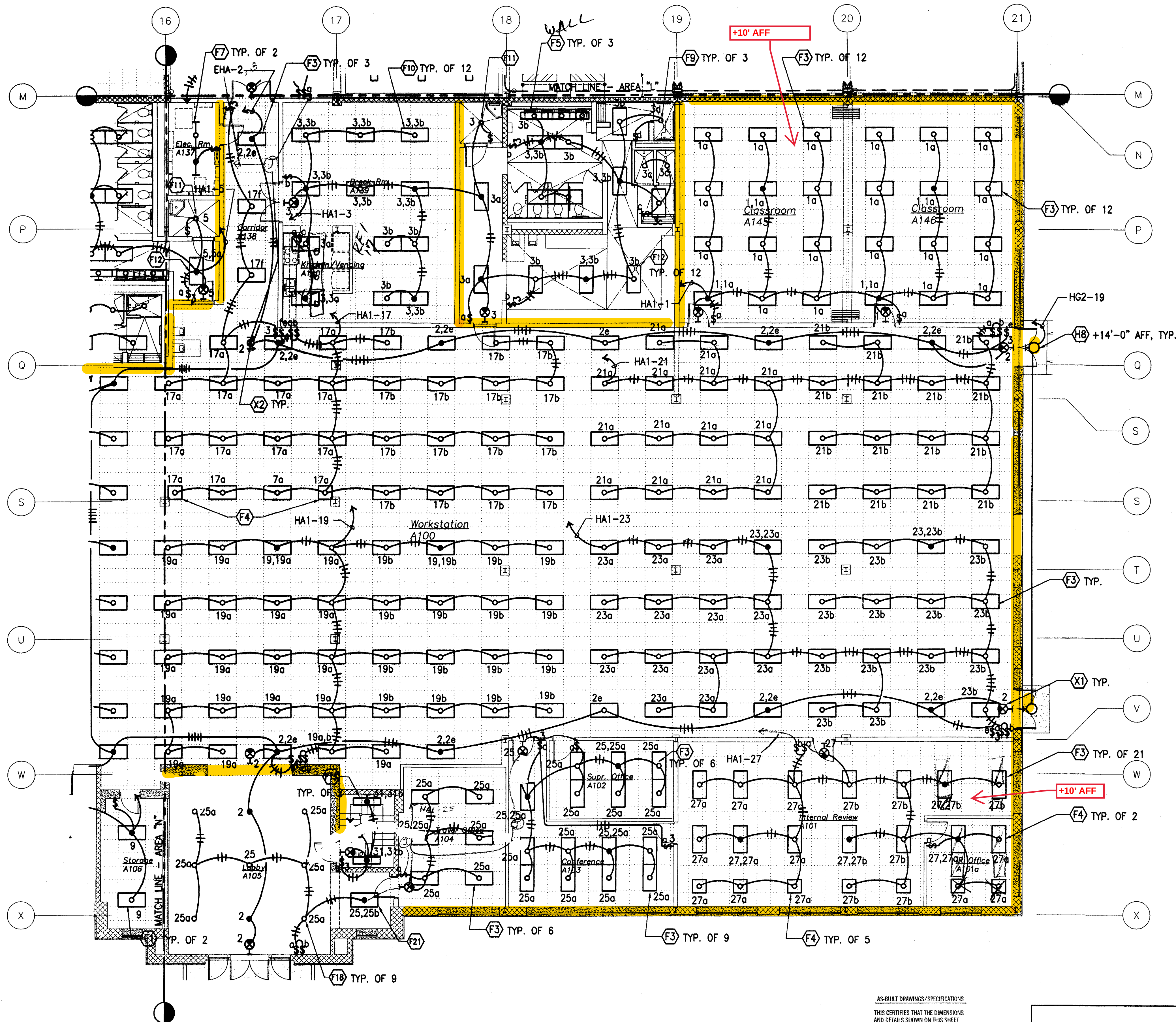


0 4' 8' 12' 16' 20' 24'

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



APPROVED:	DATE:	
TAG-HAWAII		
APPROVED:	DATE:	
HIARNG COMMANDER:		
REVISION NO.	DESCRIPTION	DATE BY CHK'D
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII		
DESIGNED: JH	MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS AND ALTERATIONS TO BUILDING 117 Kalaeloa (Barbers Point NAS), Hawaii PHASE I	
DRAWN: CP		
CHECKED: JH		
ENGINEER: JH	GROUND FLOOR - AREA "L" - NEW LIGHTING PLAN	
APPROVED:	APPROVED:	DATE:
HIARNG PERS. MGT. OFFICER	NCB USPFO FOR HAWAII	1 NOV. 2002
APPROVED:	SCALE:	AS SHOWN
	DRAWING NO.	E3.11
		SHEET: 501 OF 578



GROUND FLOOR - AREA 'M' - NEW LIGHTING PLAN
E3.12 E3.12 SCALE: 1/8" = 1'-0"

AS-BUILT DRAWINGS/SPECIFICATIONS

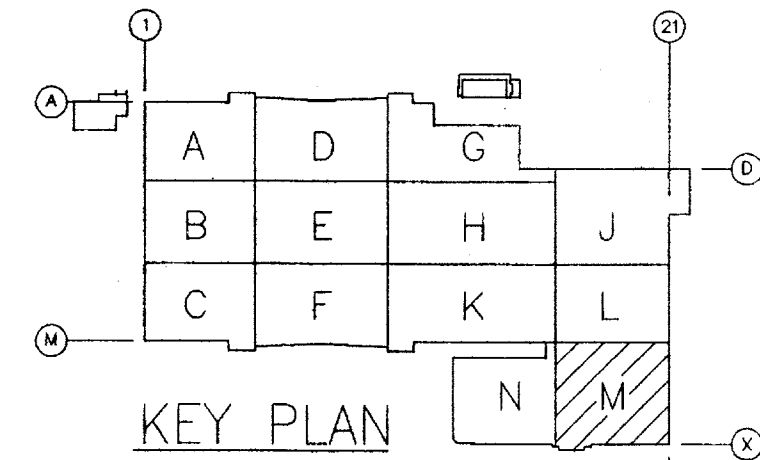
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WASA ELECTRICAL SERVICES, INC.
HAWAII, U.S.A. FEB 28 2008
Signature Date

0 4' 8' 12' 16' 20' 24'
SCALE: 1/8" = 1'-0"

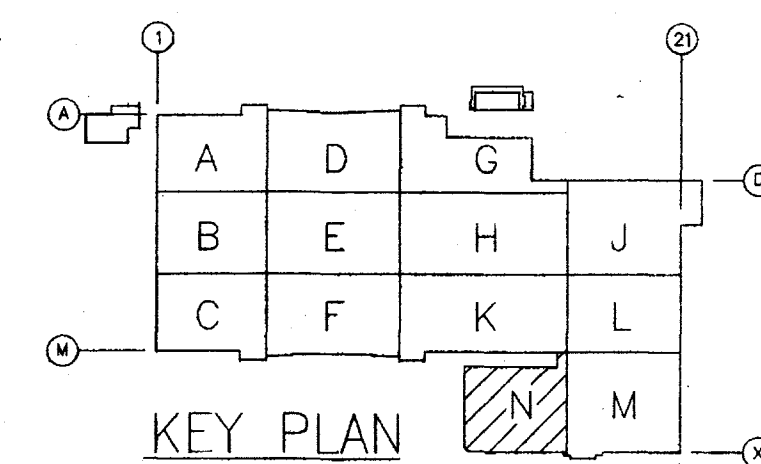
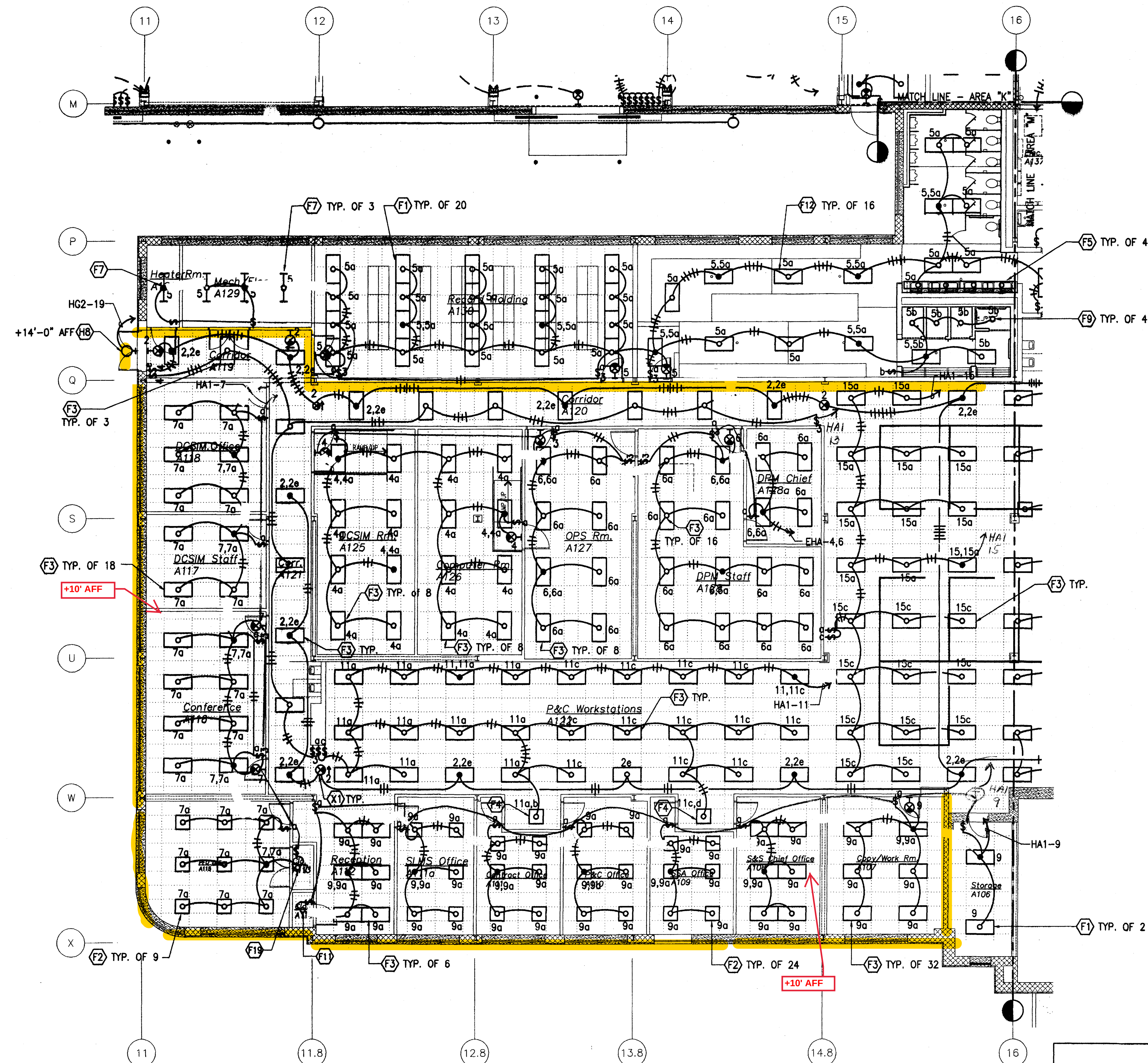
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FEB 25 2004

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DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII				
DESIGNED:	JH	MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS AND ALTERATIONS TO BUILDING 117 Kalaheo (Barbers Point NAS), Hawaii PHASE I		
DRAWN:	CP			
CHECKED:	JH			
ENGINEER:	JH	GROUND FLOOR - AREA "M" - NEW LIGHTING PLAN		
APPROVED:	HAWAII FAC. MGT. OFFICER	APPROVED:	NGB USPFO FOR HAWAII	DATE: 20 DEC. 2002
APPROVED:		SCALE:	AS SHOWN	DRAWING NO. E3.12 SHEET: 502 OF



AS-BUILT DRAWINGS/SPECIFICATIONS
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WASA ELECTRICAL SERVICES, INC.
Hinda Culigman FEB 28 2008
Signature Date

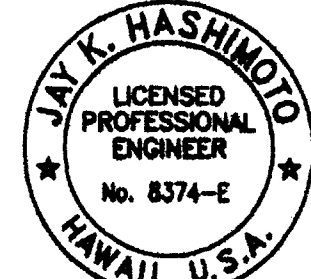
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FEB 25 2004

		BASE CONTRACT REVISIONS	01/20/04	JH	
REVISION NO.	DESCRIPTION		DATE	BY	CHK'D
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII					
DESIGNED:	JH	MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS AND ALTERATIONS TO BUILDING 117 Kalaeloa (Barbers Point NAS), Hawaii PHASE I			
DRAWN:	CP				
CHECKED:	JH				
ENGINEER:	JH	GROUND FLOOR - AREA "N" - NEW LIGHTING PLAN			
APPROVED: HIARNG FAC. MGT. OFFICER		APPROVED: NGB USPFO FOR HAWAII		DATE: 20 DEC. 2002	
APPROVED:			SCALE: AS SHOWN		
			DRAWING NO.		E3.13 SHEET: 503 OF

GROUND FLOOR - AREA "N" - NEW LIGHTING PLAN
E3.13 E3.13 SCALE: 1/8" = 1'-0"

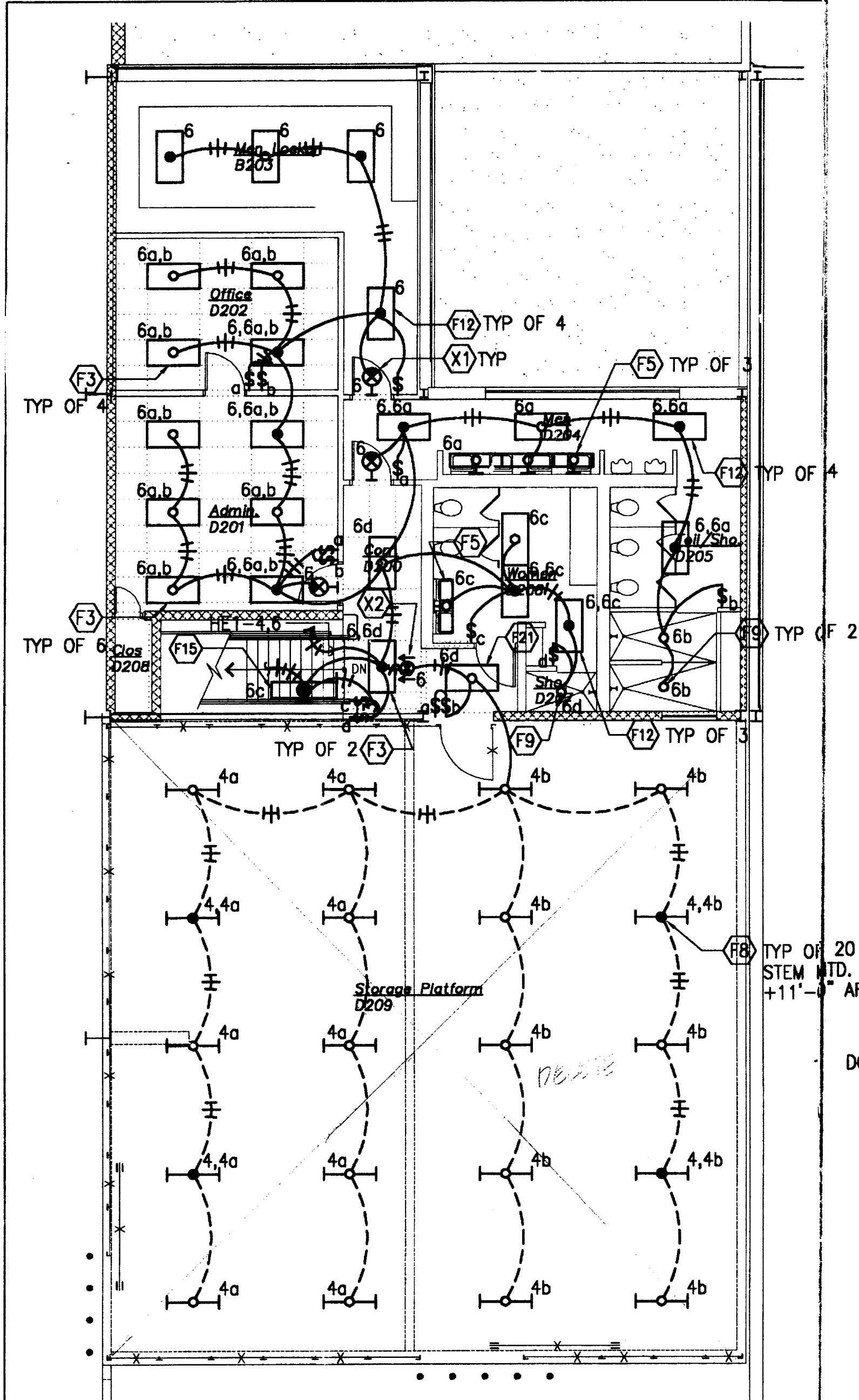
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SCALE: 1/8" = 1'-0"

IF SHEET IS LESS THAN
24" X 36"
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SCALE REDUCED ACCORDINGLY

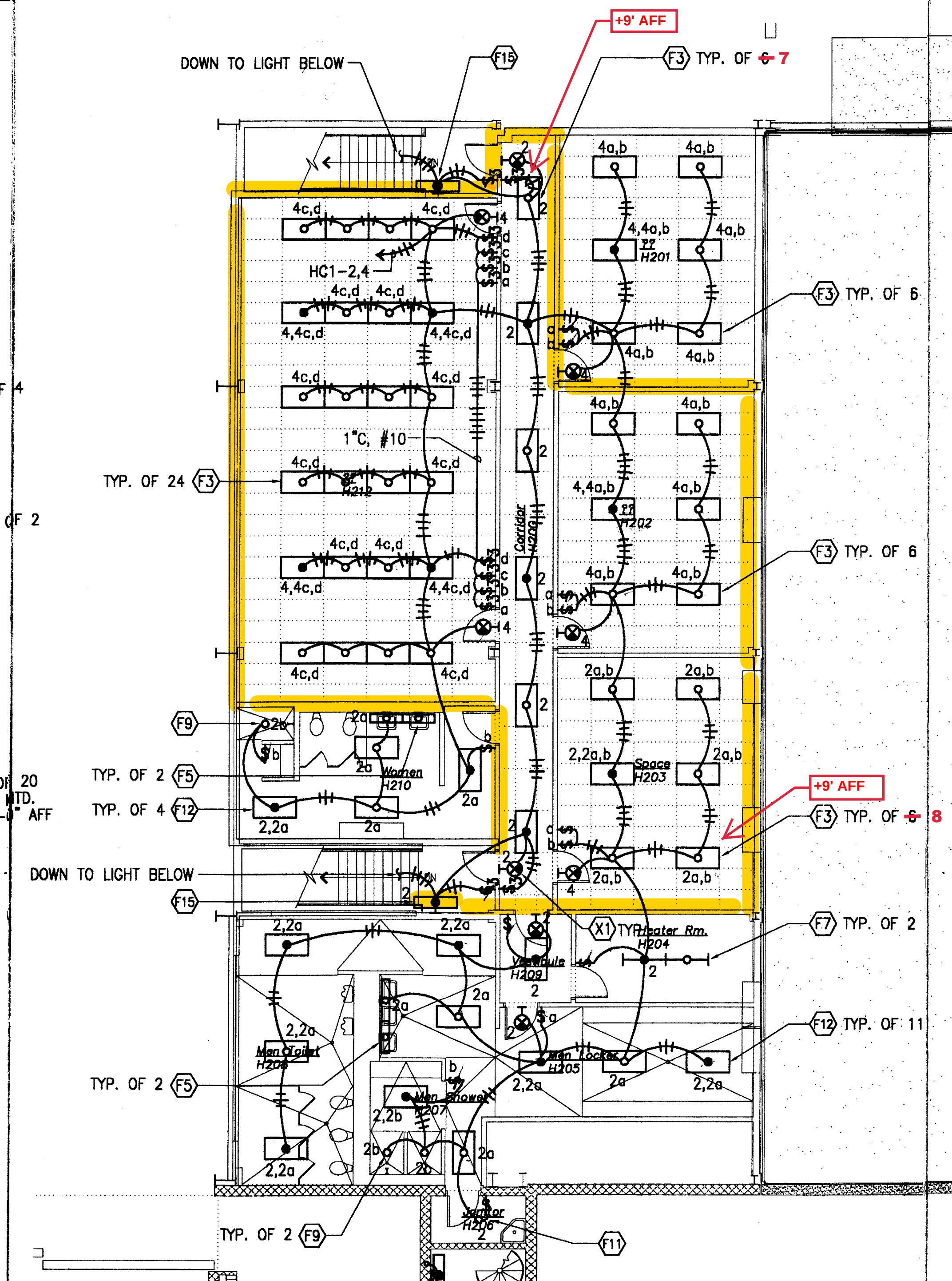


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installation of all work within the
available space.

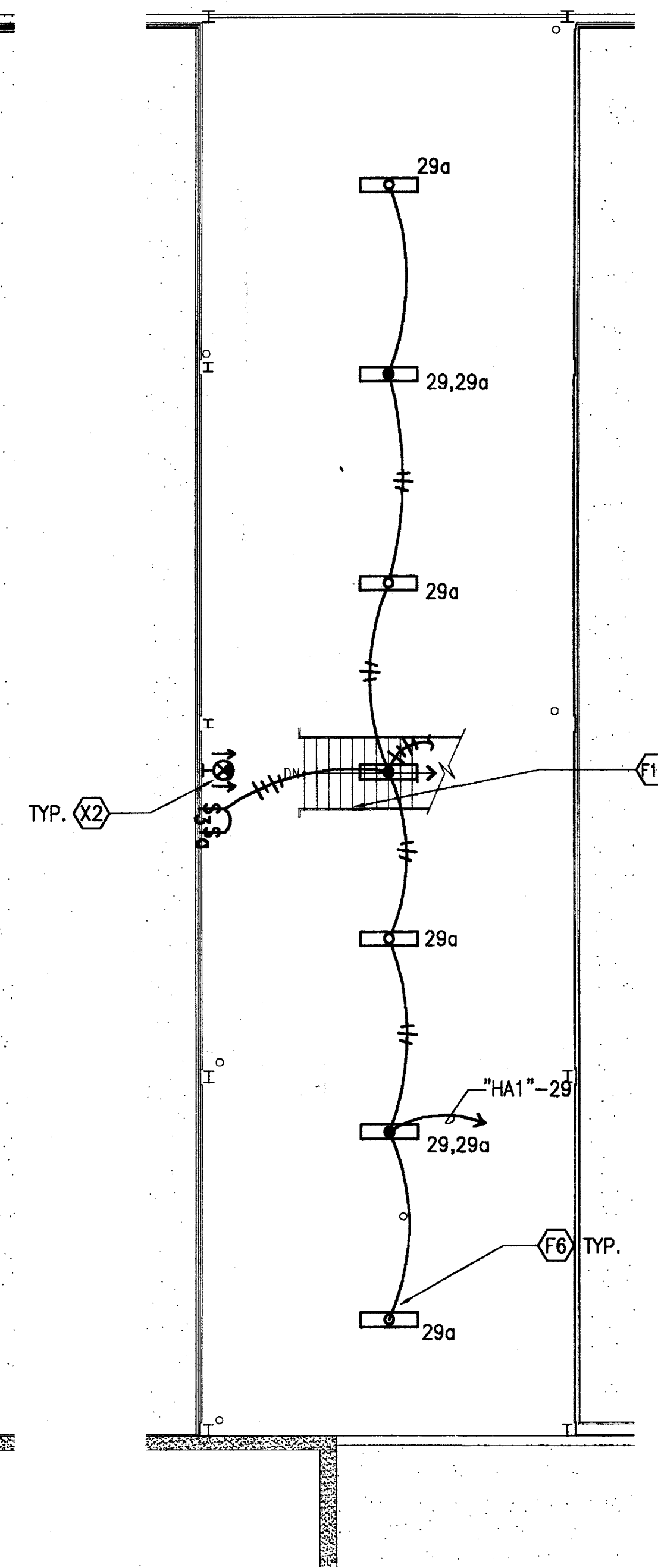
Jay K. Hashimoto



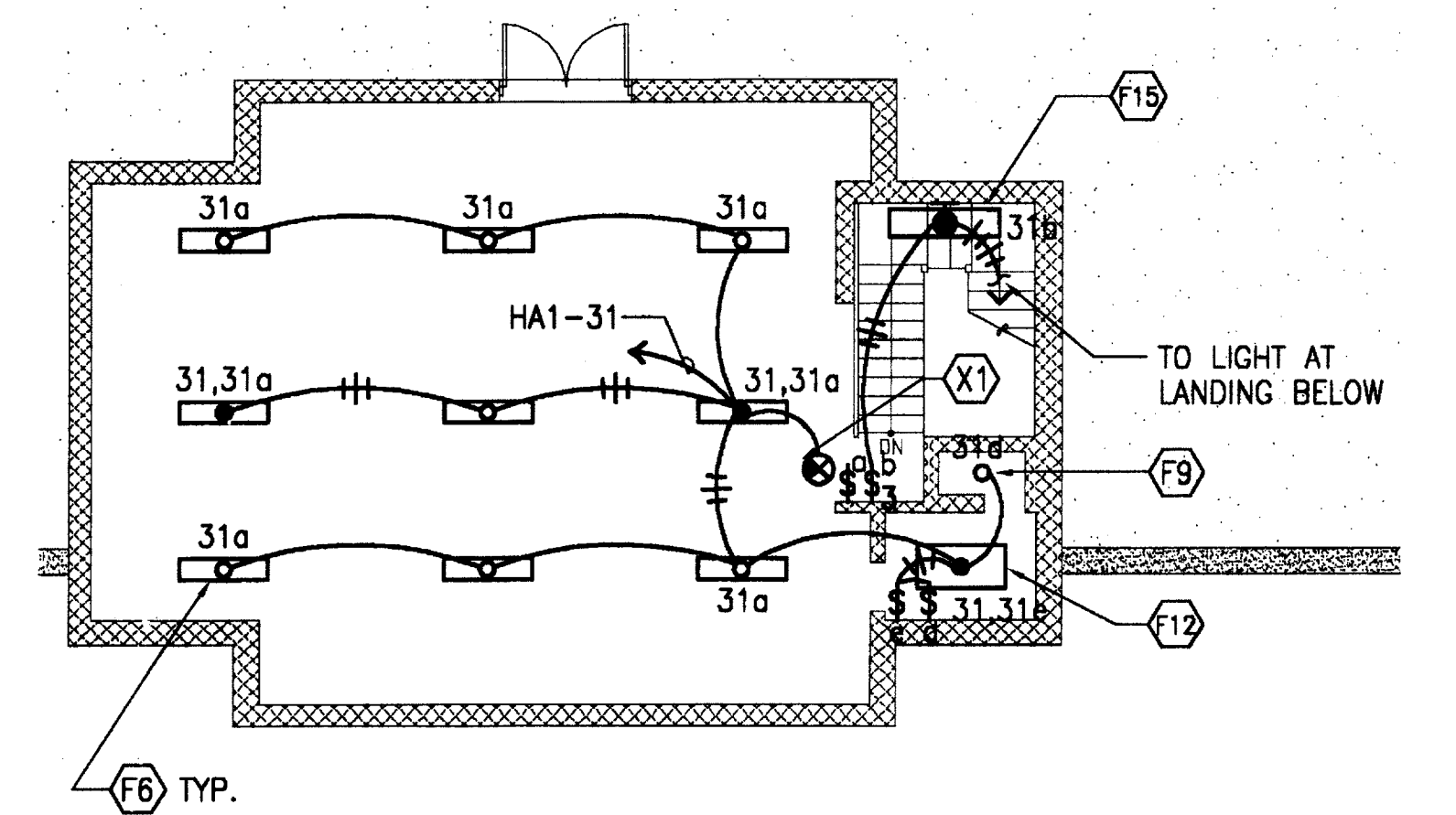
1 LIGHTING PLAN - MEZZ. AREA 'B'
E3.14 E3.14 SCALE: 1/8" = 1'-0"



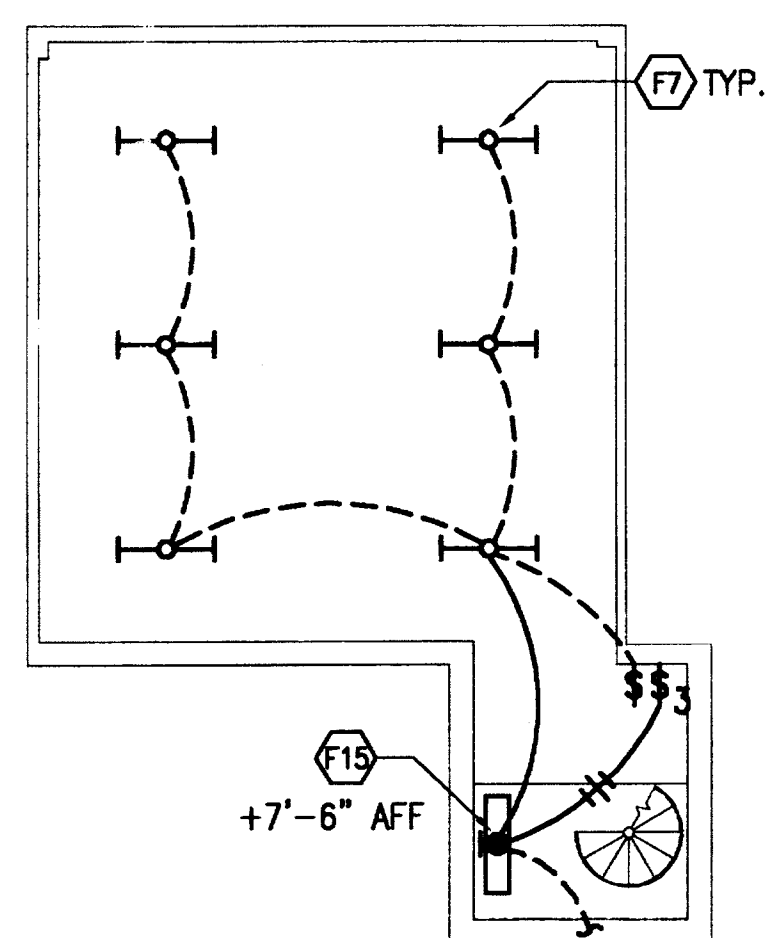
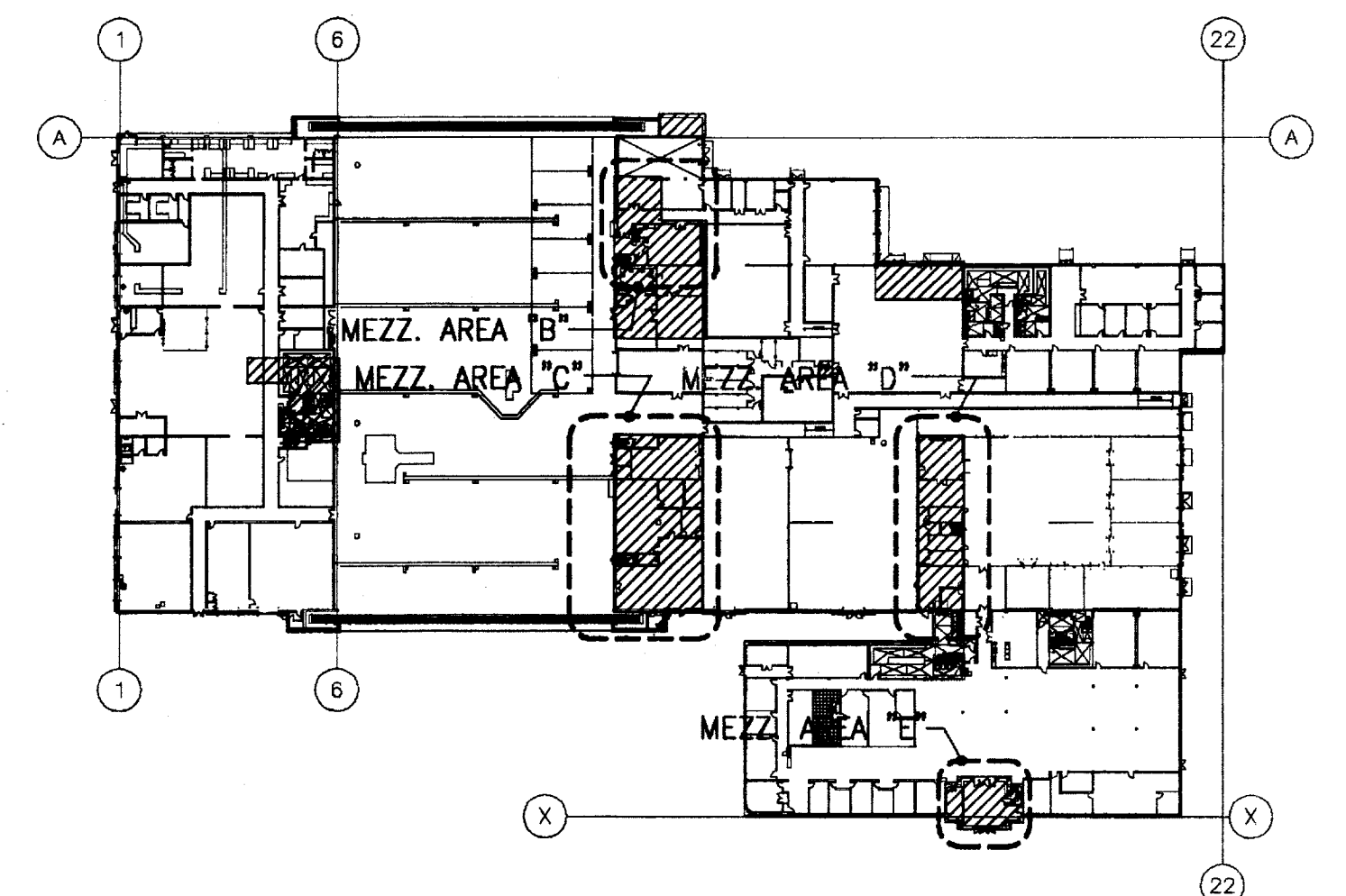
2 LIGHTING PLAN - MEZZ. AREA 'C'
E3.14 E3.14 SCALE: 1/8" = 1'-0"



3 LIGHTING PLAN - MEZZ. AREA 'D'
E3.14 E3.14 SCALE: 1/8" = 1'-0"



4 LIGHTING PLAN - MEZZ. AREA 'E'
E3.14 E3.14 SCALE: 1/8" = 1'-0"



5 LIGHTING PLAN UPPER LEVEL - MEZZ. AREA 'C'
E3.14 E3.14 SCALE: 1/8" = 1'-0"

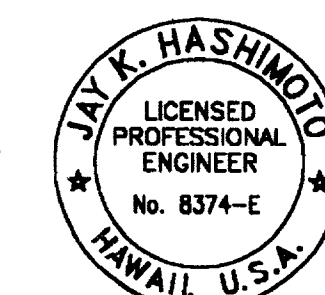
0 4' 8' 12' 16' 20' 24'
SCALE: 1/8" = 1'

AS-BUILT DRAWINGS/SPECIFICATIONS

THIS CERTIFIES THAT THE DIMENSIONS AND DETAILS SHOWN ON THIS SHEET REFLECT THE DIMENSIONS AND DETAILS AND SPECIFICATIONS AS CONSTRUCTED IN THE FIELD.

WASA ELECTRICAL SERVICES, INC.
Signature: David Cabana Date: FEB 28 2008

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Jay K. Hashimoto

APPROVED:	DATE:
TAG-HAWAII	
APPROVED:	DATE:
HAIRNG COMMANDER:	
REVISION NO.	DESCRIPTION
DATE	BY
CHK'D	
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII	
DESIGNED: JH	MILITARY TRAINING COMPLEX, PROJECT 150057 ADDITIONS AND ALTERATIONS TO BUILDING 117 Kalaheo (Barbers Point NAS), Hawaii PHASE I
DRAWN: CP	
CHECKED: JH	
ENGINEER: JH	MEZZANINE - NEW LIGHTING PLAN
APPROVED: HAIRNG FAC. MGT. OFFICER	APPROVED: NGB USFPO FOR HAWAII
DATE: 1 NOV. 2002	
APPROVED:	SCALE: AS SHOWN
DRAWING NO. E3.14	
SHEET: 504 OF 578	