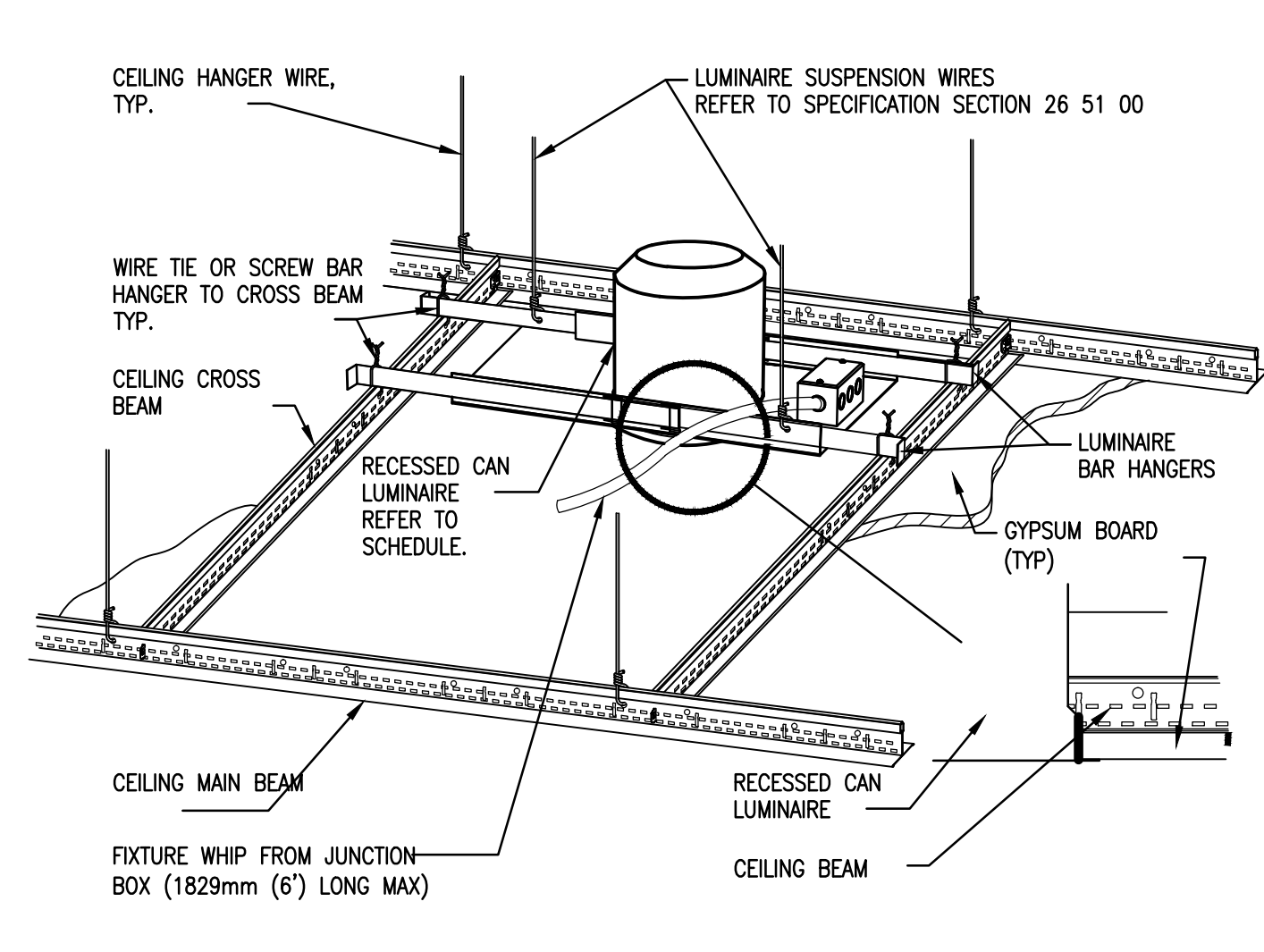
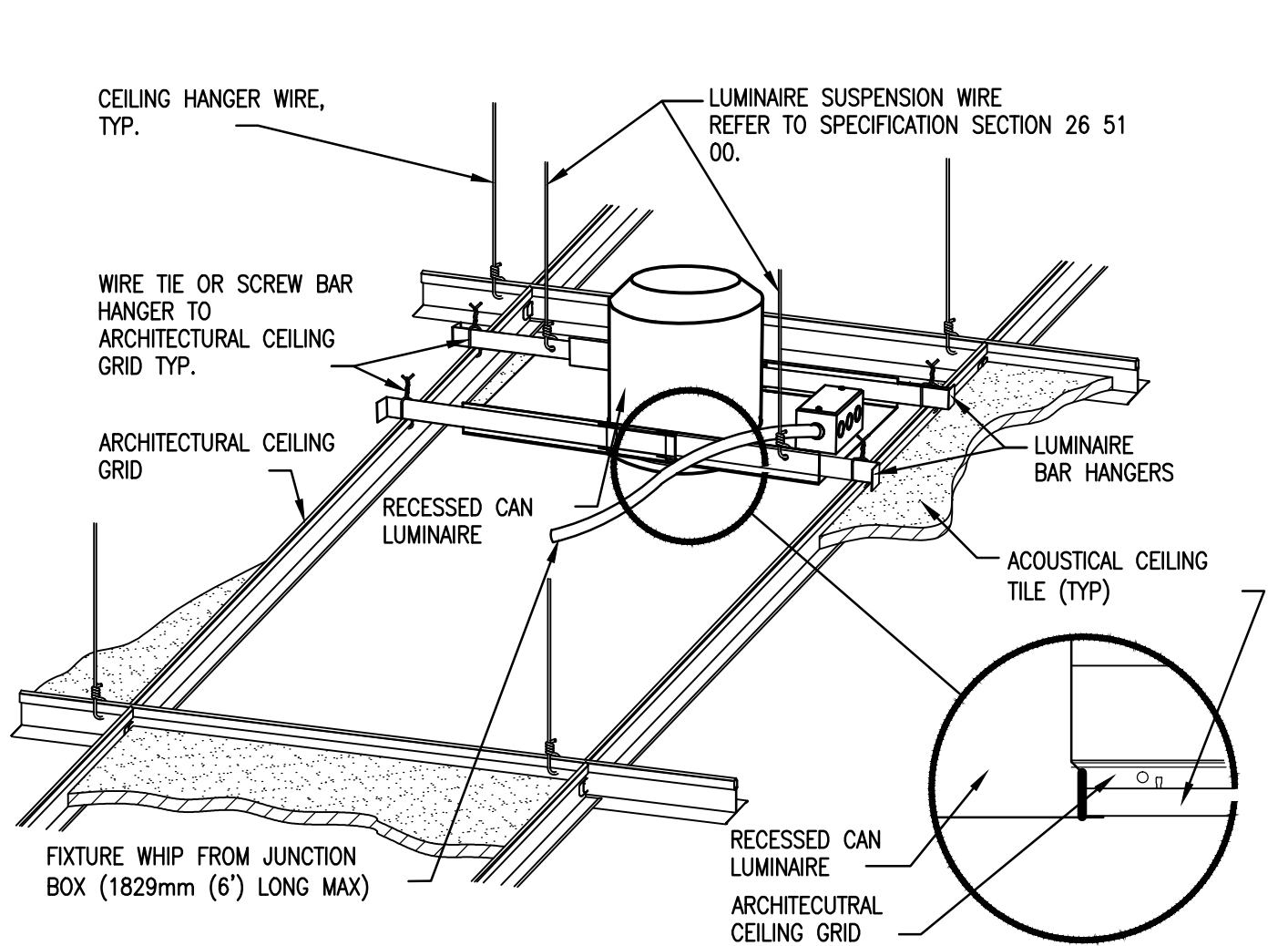


three inches = one foot
one and one half inches = one foot
one inch = one foot
one inch = one foot
three quarters inch = one foot
three quarters inch = one foot
one half inch = one foot
one half inch = one foot
three eighths inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one eighth inch = one foot



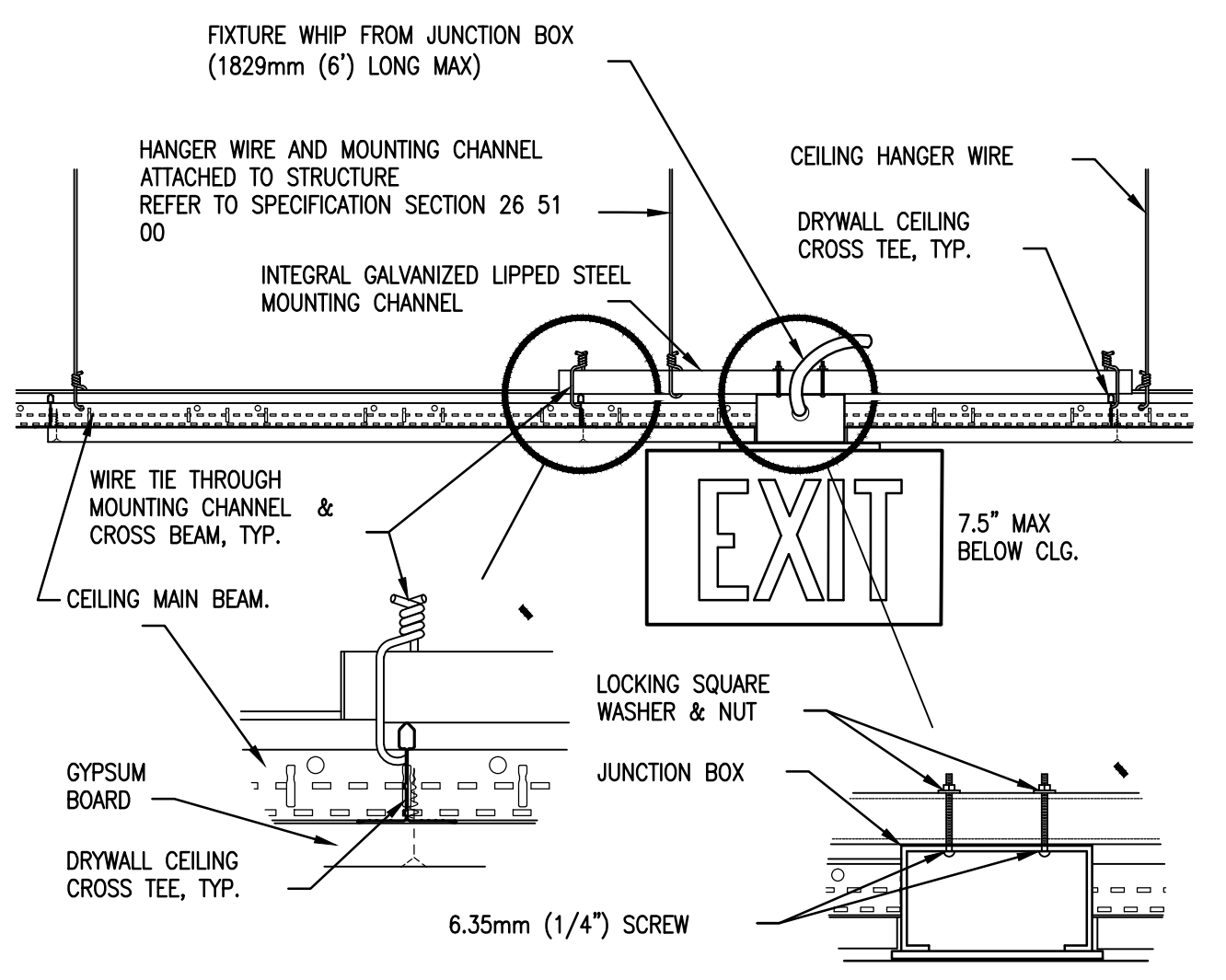
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

1 DOWNLIGHT MOUNTING - GYPBOARD CEILING
N.T.S.



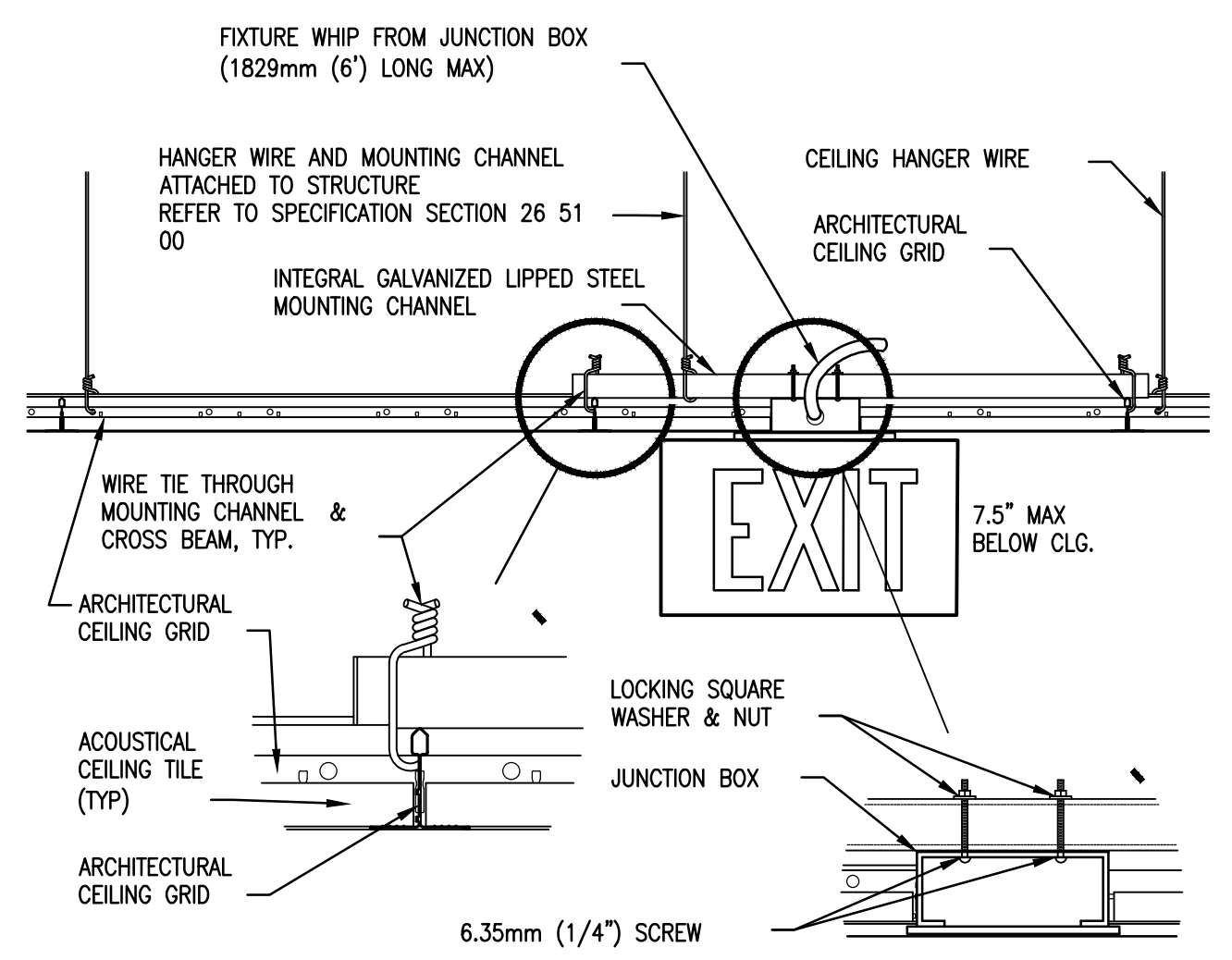
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING RECOMMENDED MOUNTING HARDWARE.

4 DOWNLIGHT MOUNTING - LAY-IN CEILING
N.T.S.



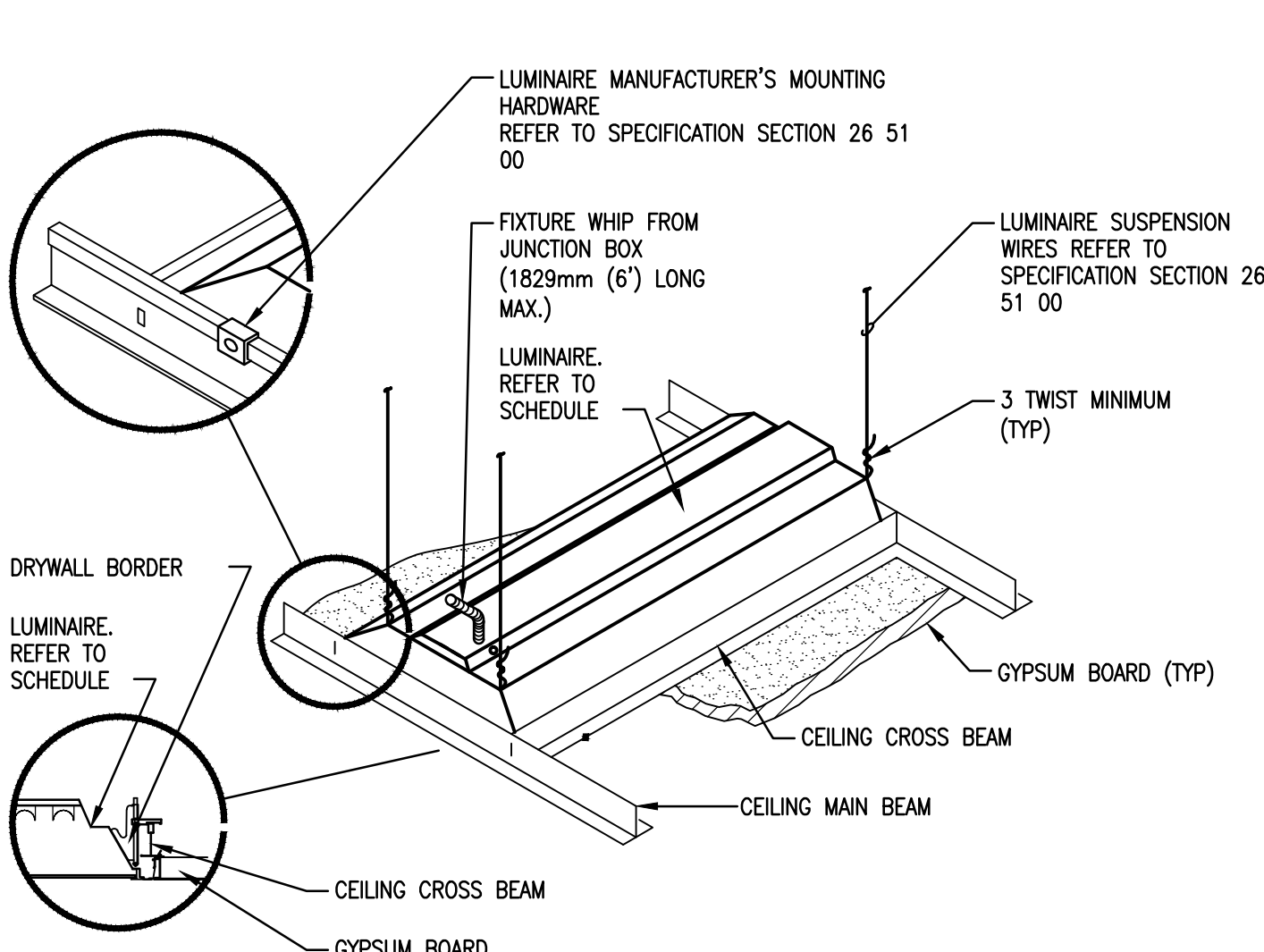
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

2 EXIT SIGN MOUNTING - GYPBOARD CEILING
N.T.S.



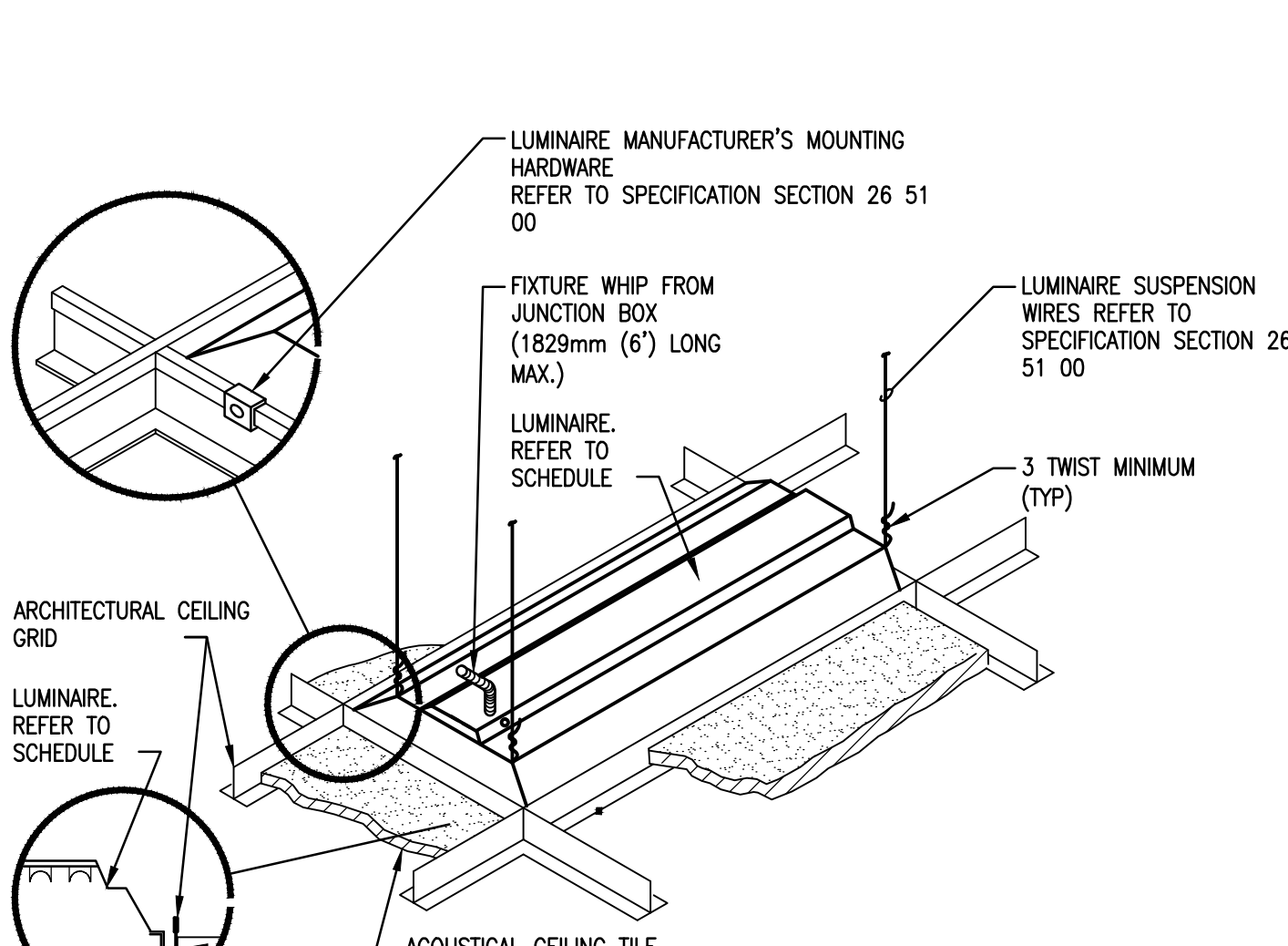
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

5 EXIT SIGN MOUNTING - LAY-IN CEILING
N.T.S.



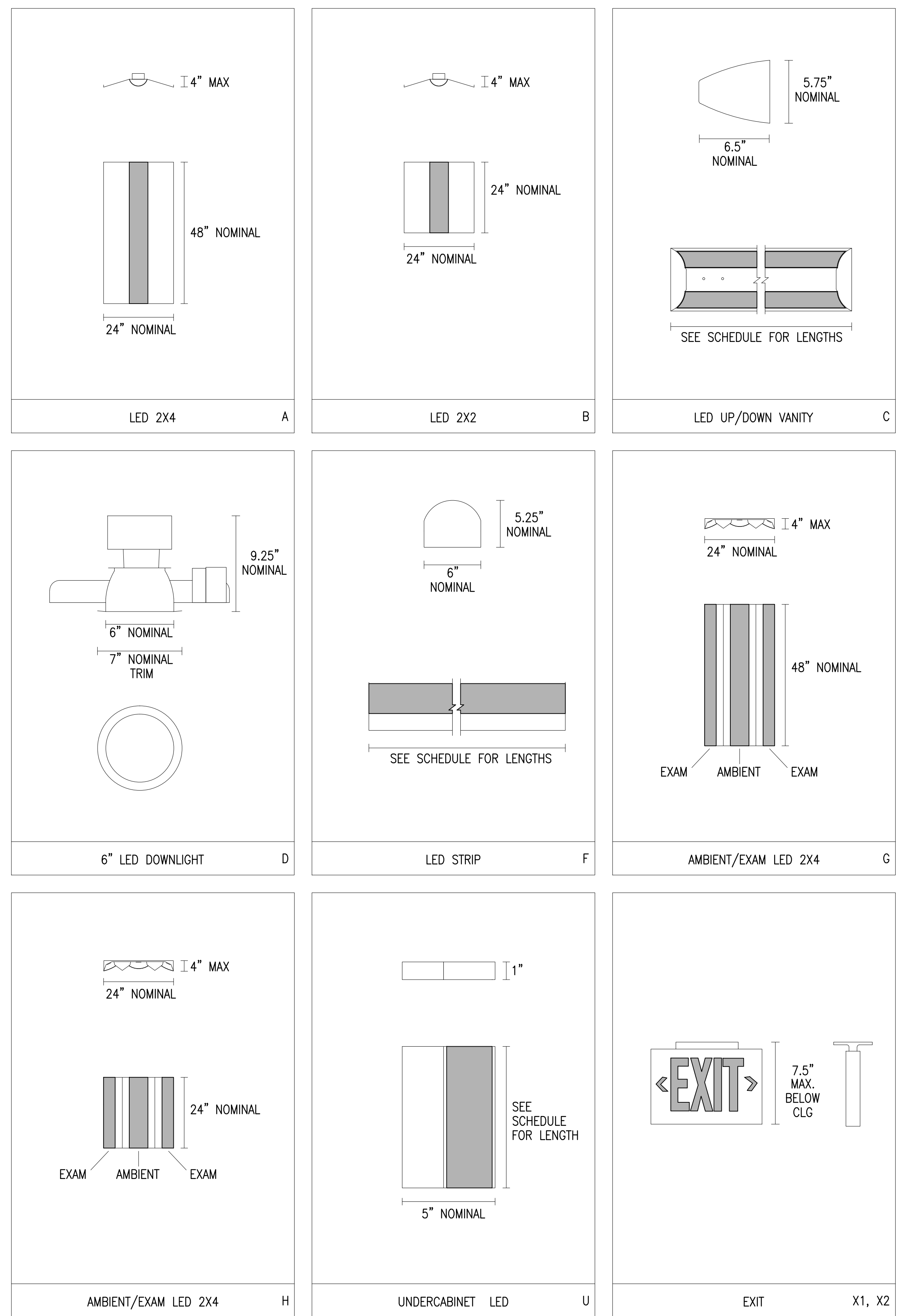
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

3 LUMINAIRE MOUNTING - GYPBOARD CEILING
N.T.S.

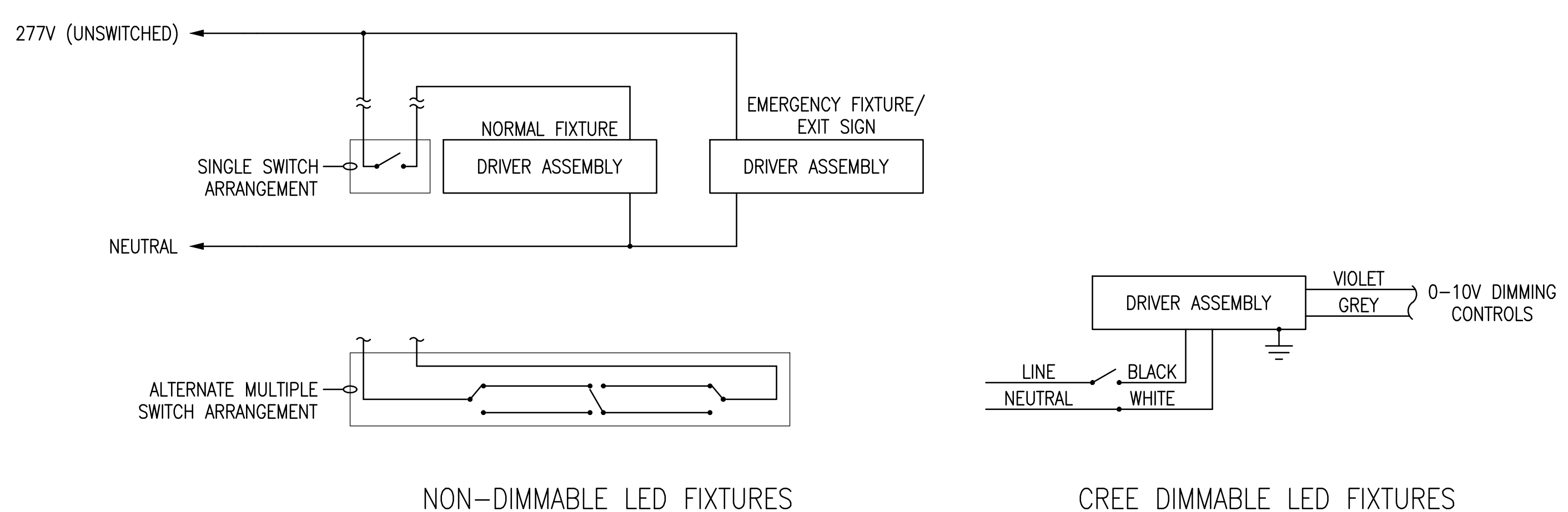


GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

6 LUMINAIRE MOUNTING - LAY-IN CEILING
N.T.S.



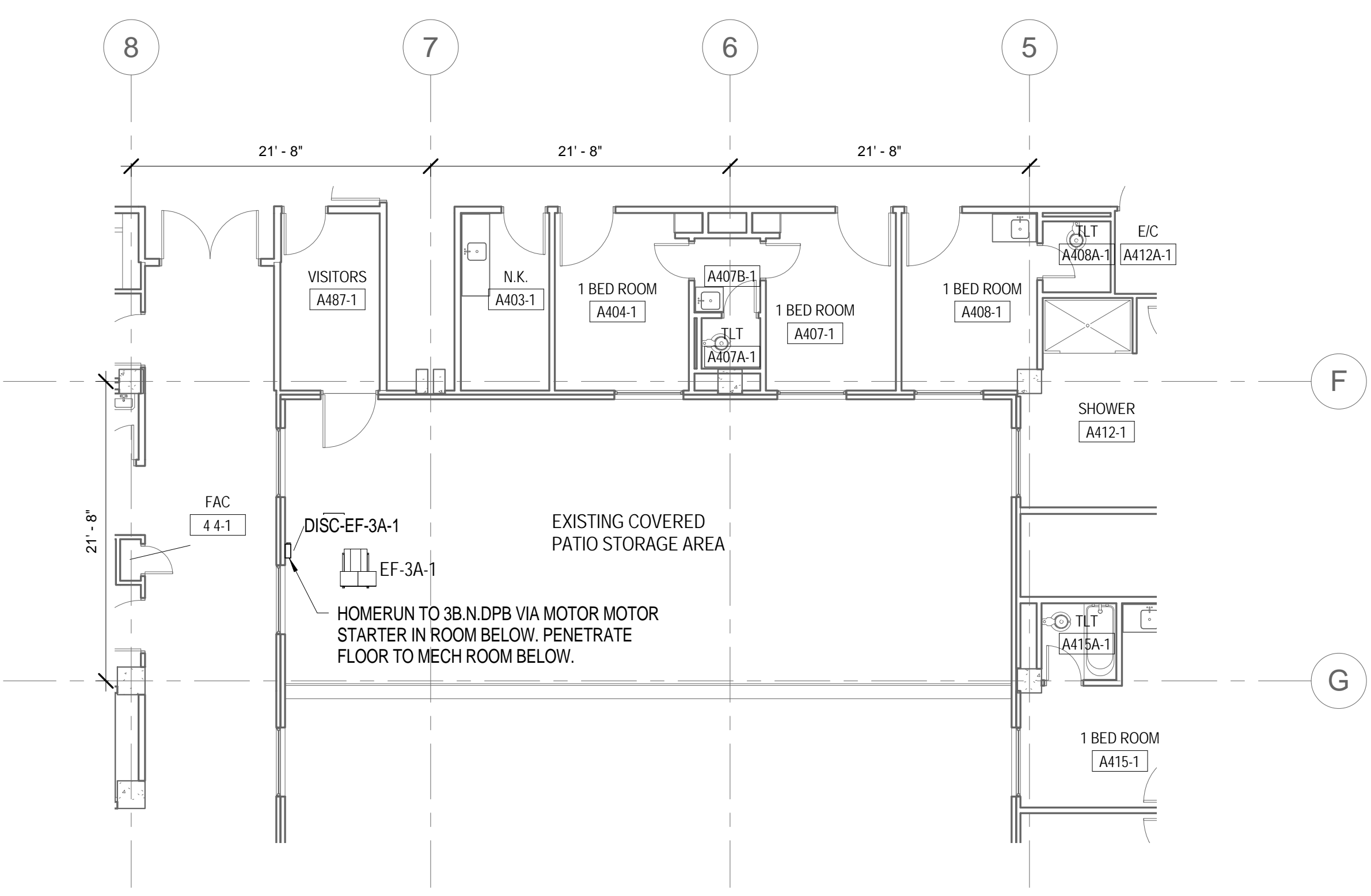
7 LIGHTING FIXTURE TYPE DETAILS
N.T.S.



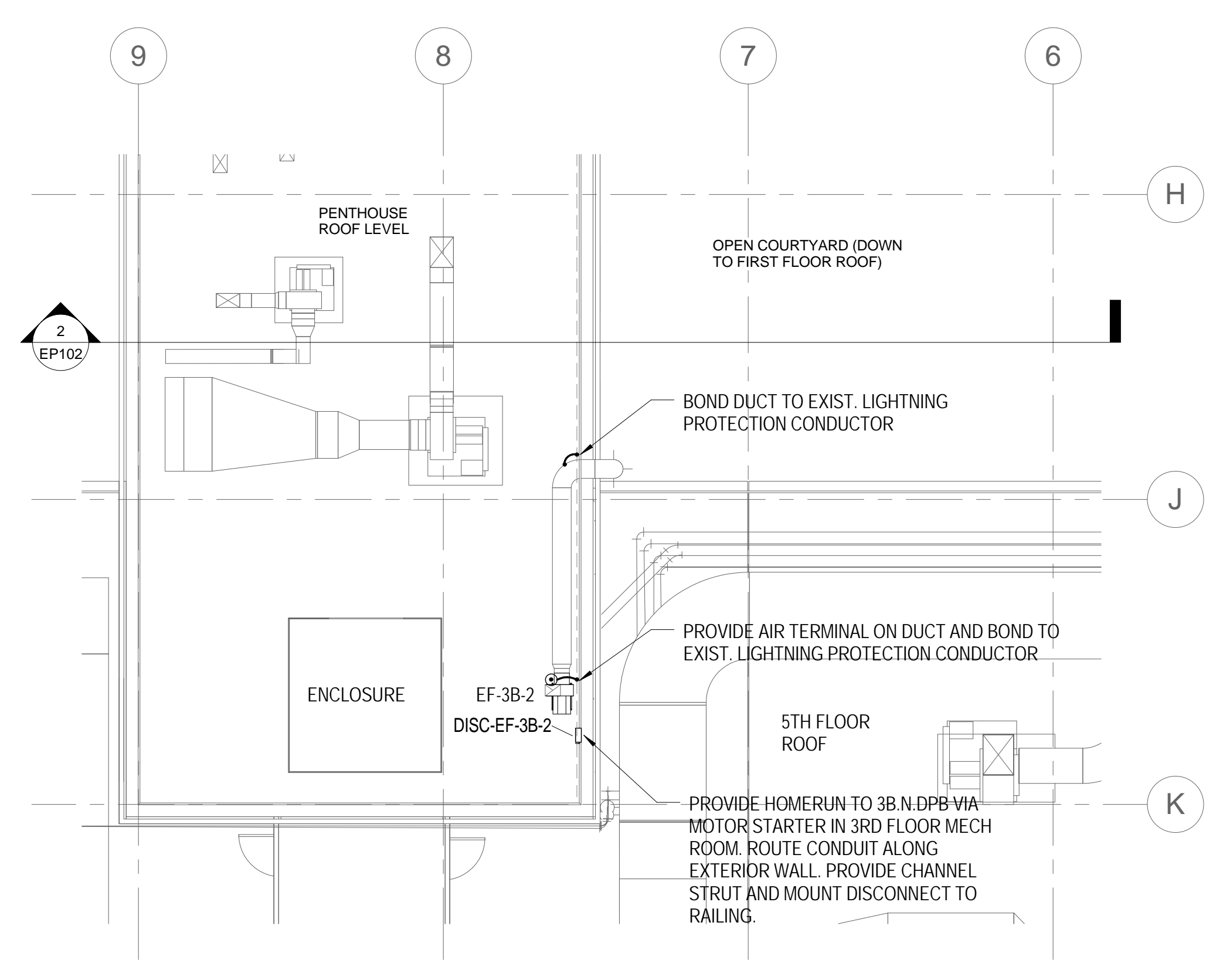
7 LIGHTING CONTROL WIRING DIAGRAMS
N.T.S.

Revisions:	Date:	CONSULTANTS:	ENGINEER-OF-RECORD CHAD J. FRALICK FL P.E. NO. 73811	ARCHITECT/ENGINEERS: AKEA Design, Inc. 3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 COA: FL #29578 AKEA Project No. 110-15	Drawing Title LIGHTING DETAILS	Project Title RENOVATE 3AB FOR GASTROENTEROLOGY AND PULMONARY	Project Number 573-15-102	Building Number 1	Location GAINESVILLE, FLORIDA	Date JULY 15, 2016	Checked CJF	Drawn KLL	Drawing Number EL501 57 OF 72	Office of Construction and Facilities Management Department of Veterans Affairs
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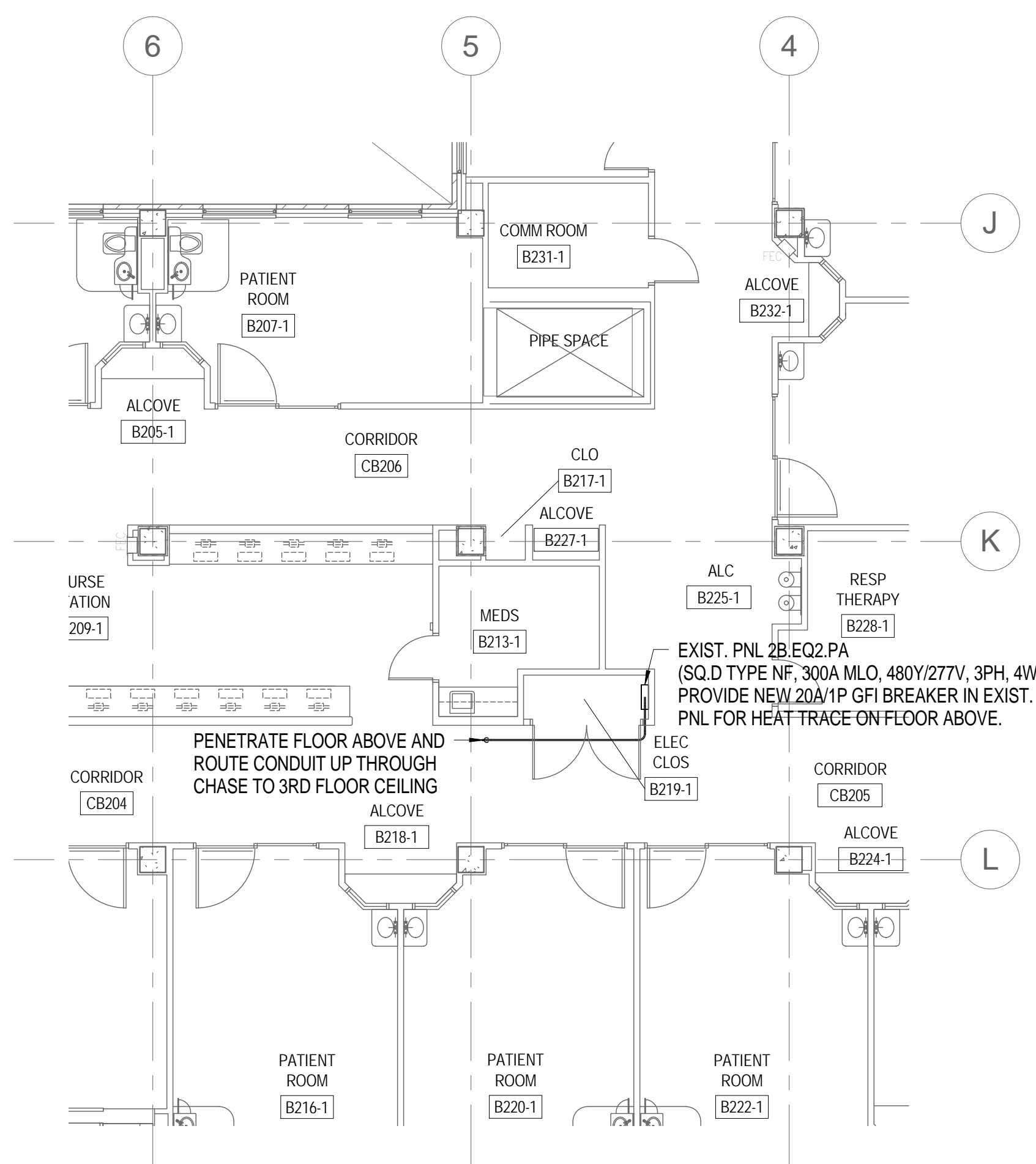
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one quarter inch = one foot
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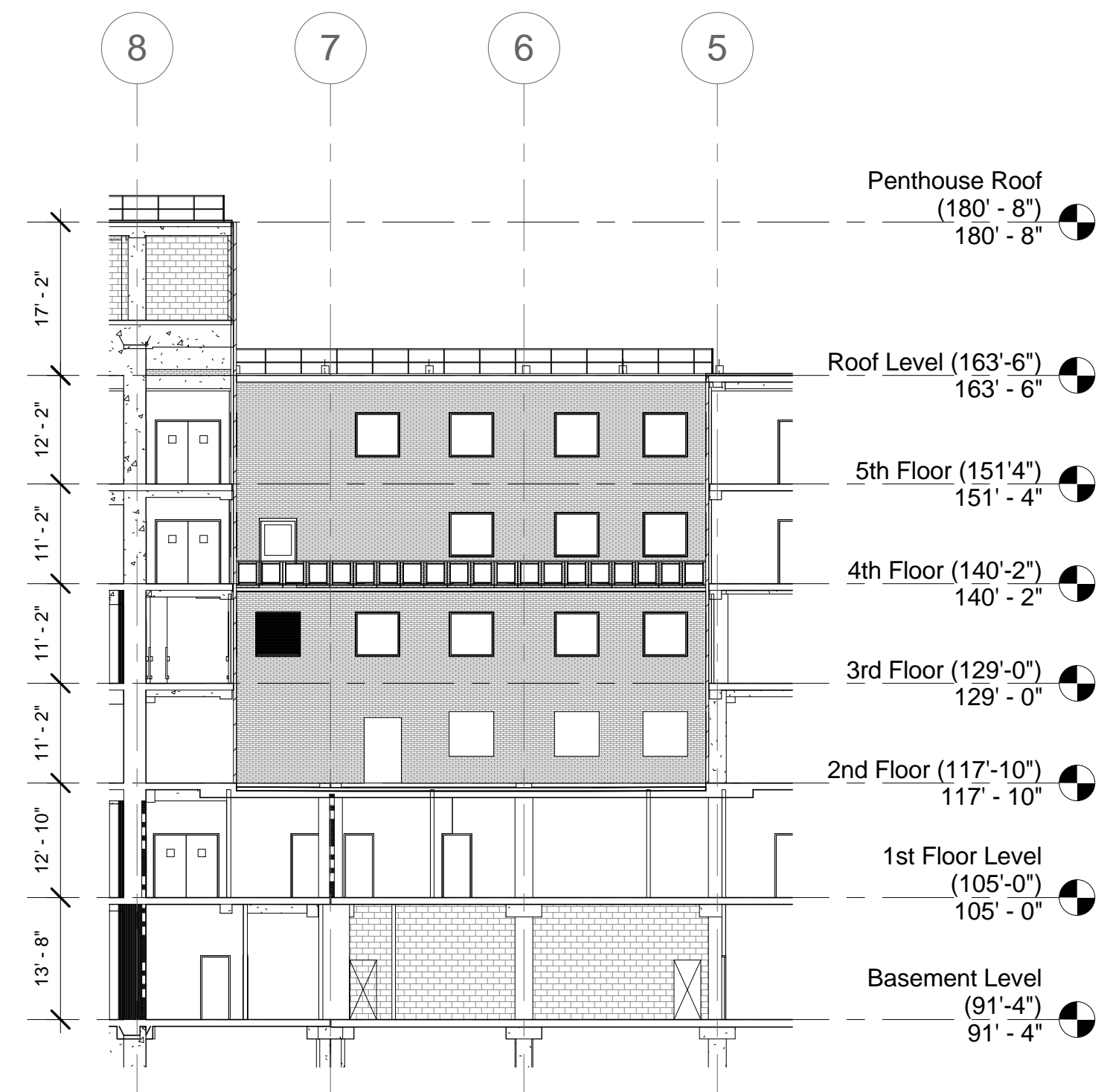
3 4TH FLOOR - POWER
1/8" = 1'-0"



1 PENTHOUSE ROOF - POWER
1/8" = 1'-0"



4 2ND FLOOR - POWER
1/8" = 1'-0"



2 BUILDING LEVELS
1/16" = 1'-0"

CONSULTANTS:		ENGINEER - OF - RECORD CHAD J. FRALICK FL. P.E. NO. 73811	ARCHITECT/ENGINEERS: AKEA Design, Inc. 3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 COA: FL #29578 AKEA Project No. 110-15	Drawing Title 2ND FLOOR, 4TH FLOOR, & PENTHOUSE ROOF - POWER	Project Title RENOVATE 3AB FOR GASTROENTEROLOGY AND PULMONARY	Project Number 573-15-102 Building Number 1
Revisions:				Approved: Project Director	Location GAINESVILLE, FLORIDA	Drawing Number EP102 59 OF 72
Date				Date JULY 7, 2016	Checked CJF	Drawn CJF

FINAL DESIGN
APPROVED FOR CONSTRUCTION



PANEL FPE5 (LIFE SAFETY)
480Y/277 VOLTS, 3-PHASE, 4-WIRE
SERVED FROM
EMDP-5 (RM. EB65-1) AND SWBD-3 (RM. EB66-1)
THROUGH ATS-E2 (RM. EB65-1)

TRANSFER SWITCH ATS-E2 (LIFE SAFETY)
480Y/277 VOLTS, 3-PHASE, 4-WIRE
SERVED FROM
EMDP-5 (RM. EB65-1) AND SWBD-3 (RM. EB66-1)

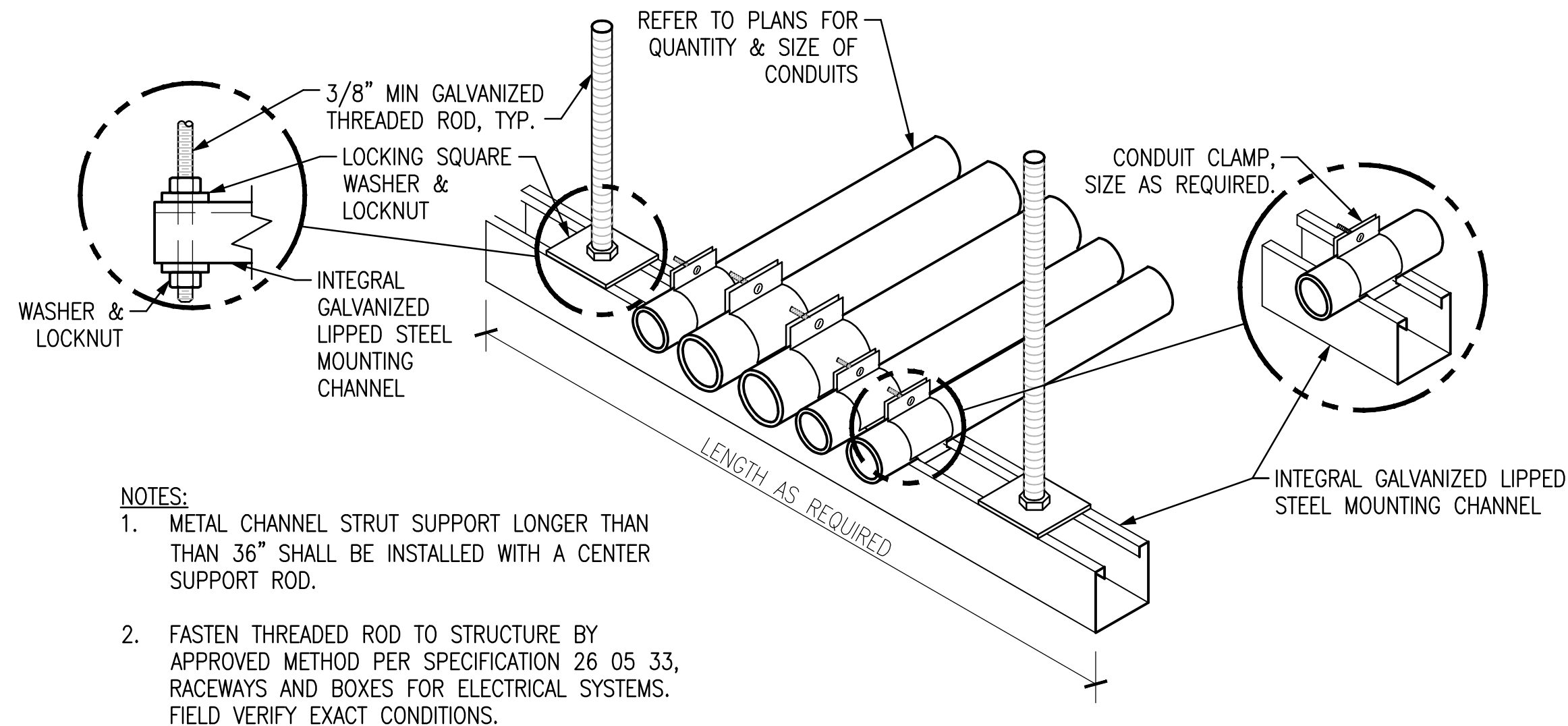
NAMEPLATES FOR ESSENTIAL EQUIPMENT SHALL BE LAMINATED RED PHENOLIC RESIN WITH SOLID WHITE CORE WITH ENGRAVED LETTERING MINIMUM OF 1/4 INCH HEIGHT. NAMEPLATES FOR NORMAL BRANCH EQUIPMENT SHALL BE BLACK WITH WHITE CORE.

ENGRAVE THE FOLLOWING INFORMATION ON EACH EQUIPMENT IDENTIFICATION NAMEPLATE, SIMILAR TO THAT SHOWN IN THE EXAMPLES, EXCEPT APPROPRIATE FOR THE SPECIFIC EQUIPMENT BEING IDENTIFIED:

1. IN THE FIRST LINE, INDICATE THE EQUIPMENT TYPE AND NAME (FOLLOWED BY THE ESSENTIAL BRANCH, IF APPLICABLE).
2. IN THE SECOND LINE, INDICATE THE EQUIPMENT VOLTAGE, PHASE, AND NUMBER OF WIRES.
3. IN THE SUBSEQUENT LINES, INDICATE THE WORDS "SERVED FROM" FOLLOWED BY THE NAME AND LOCATION OF THE SOURCE EQUIPMENT. IF THE EQUIPMENT IS SUPPLIED THROUGH AN ATS OR OTHER ITEM WITHOUT DISCONNECTS, INCLUDE DATA ON ALL UPSTREAM DISCONNECTS; AND BENEATH THE SOURCES ADD THE WORD "THROUGH" FOLLOWED BY THE NAME OF THE EQUIPMENT THAT THE SOURCES ARE CONNECTED THROUGH.

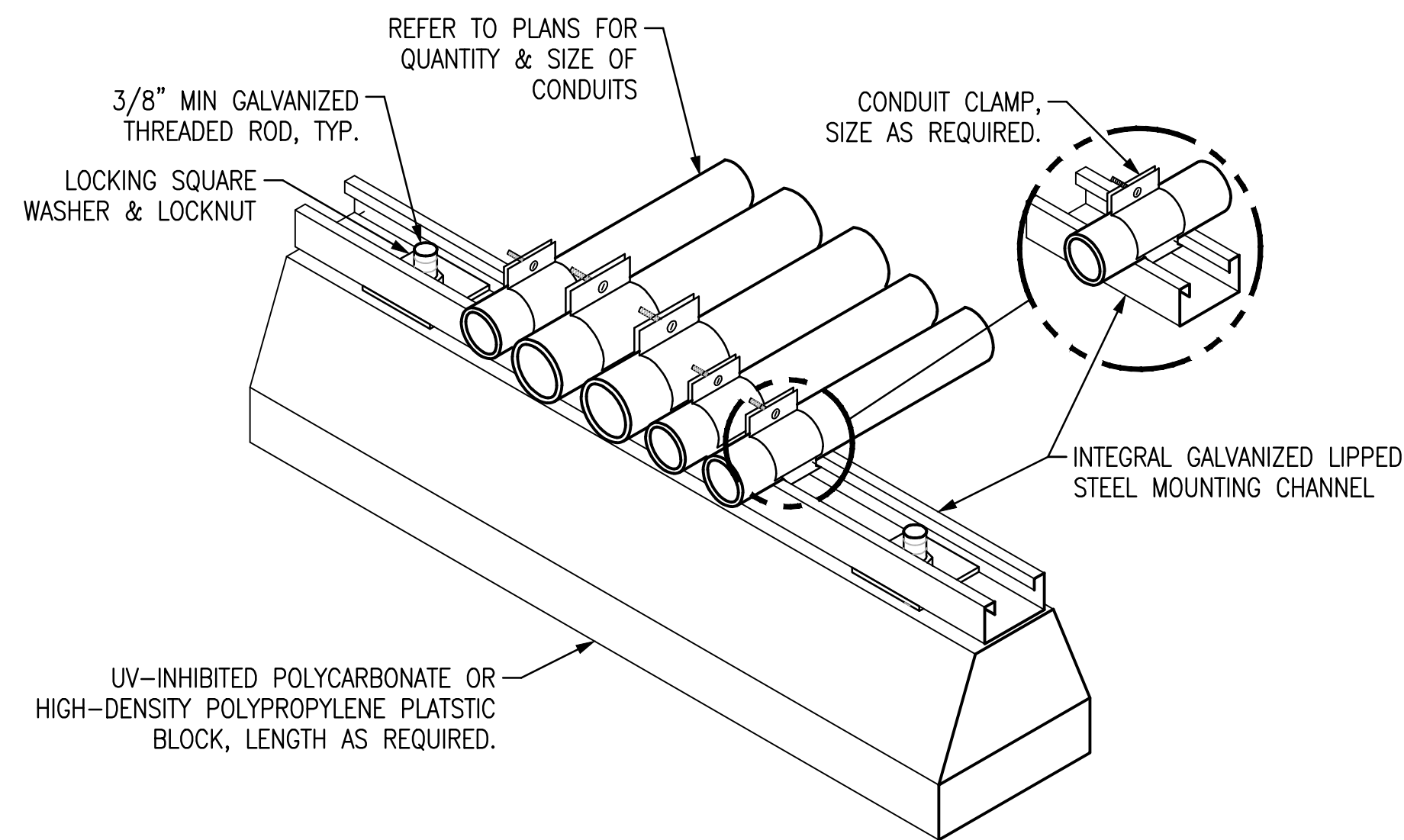
1 EQUIPMENT NAMEPLATE DETAIL

N.T.S.



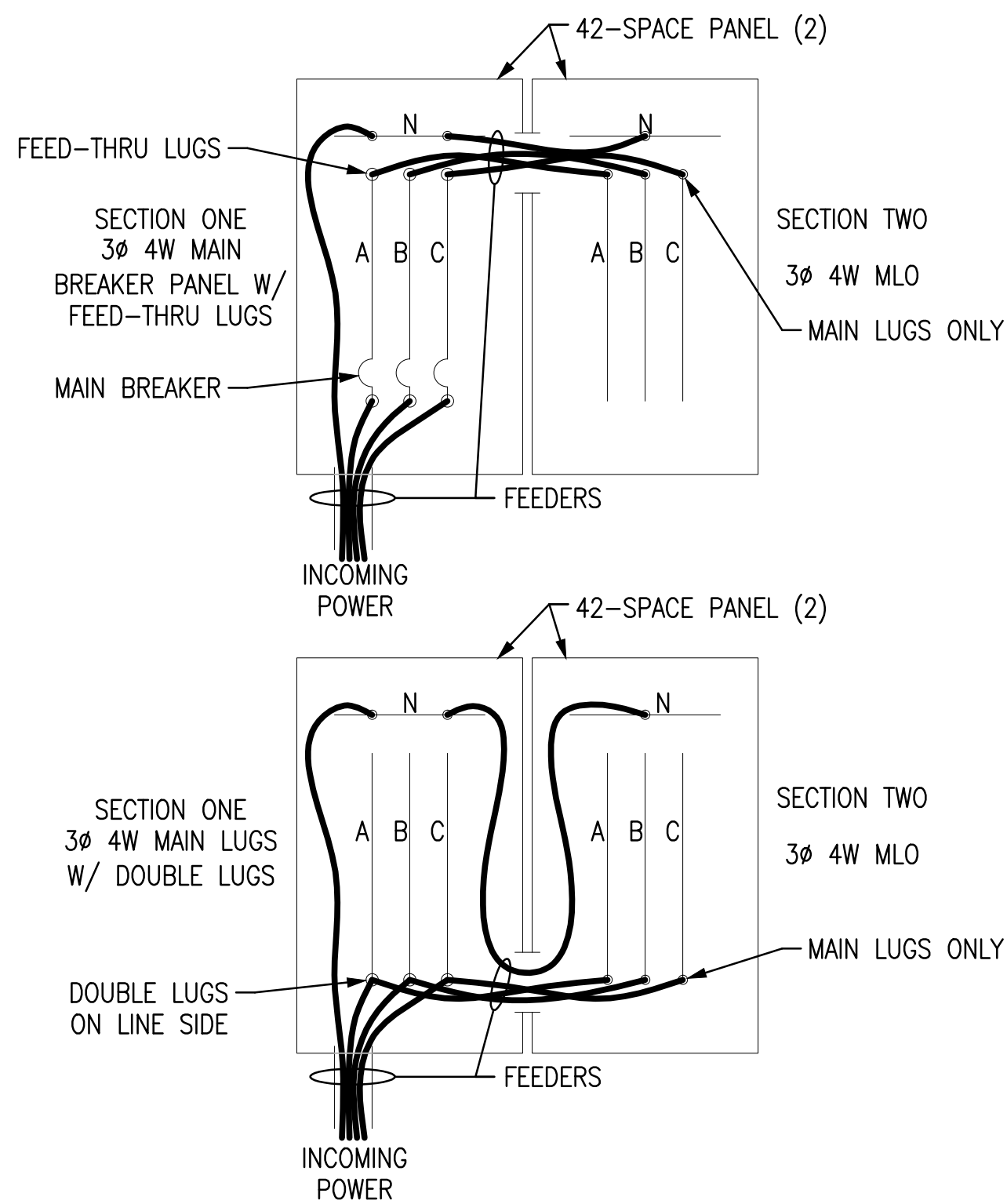
4 CONDUIT TRAPEZE MOUNTING DETAIL

N.T.S.



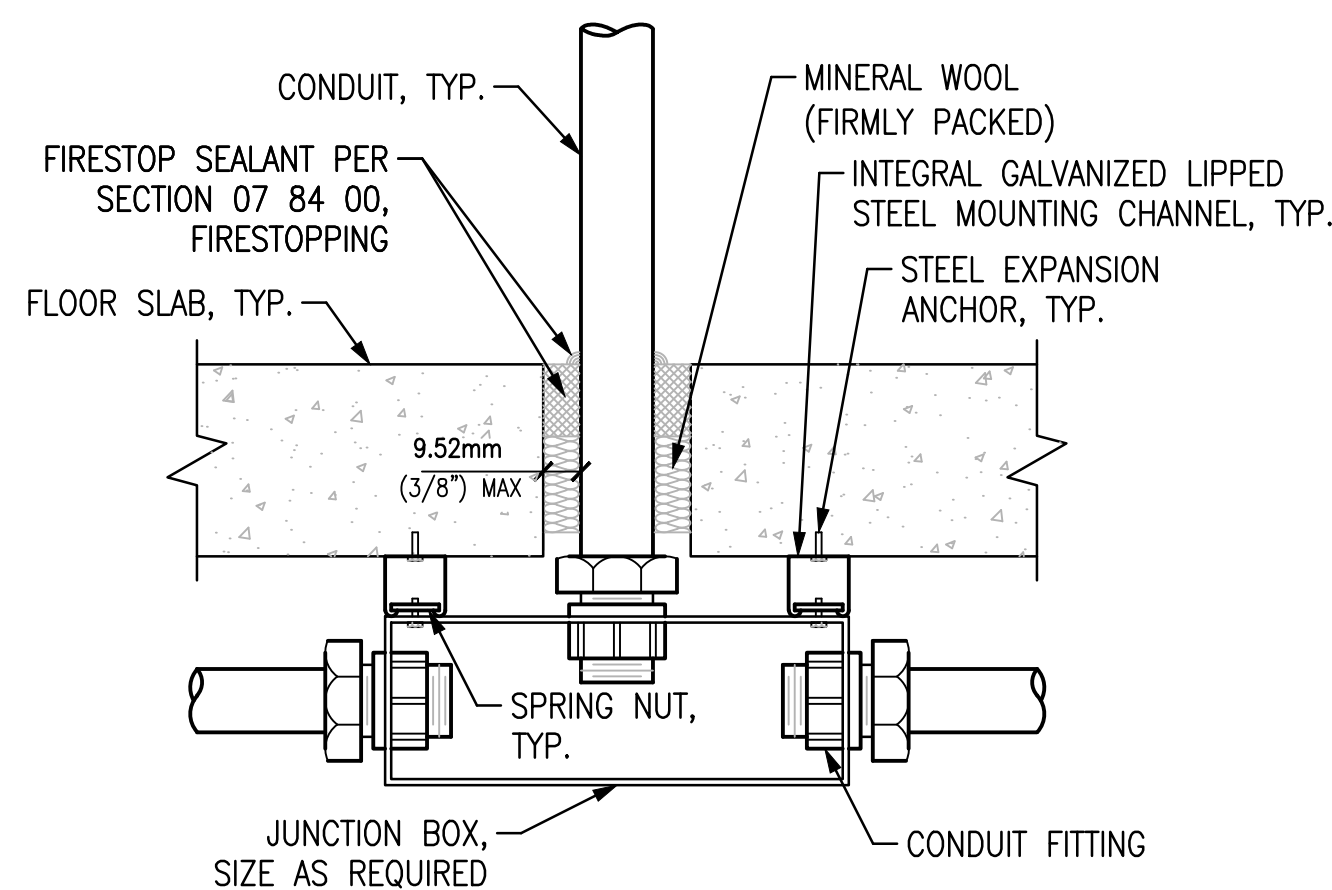
8 CONDUIT TRAPEZE MOUNTING DETAIL

N.T.S.



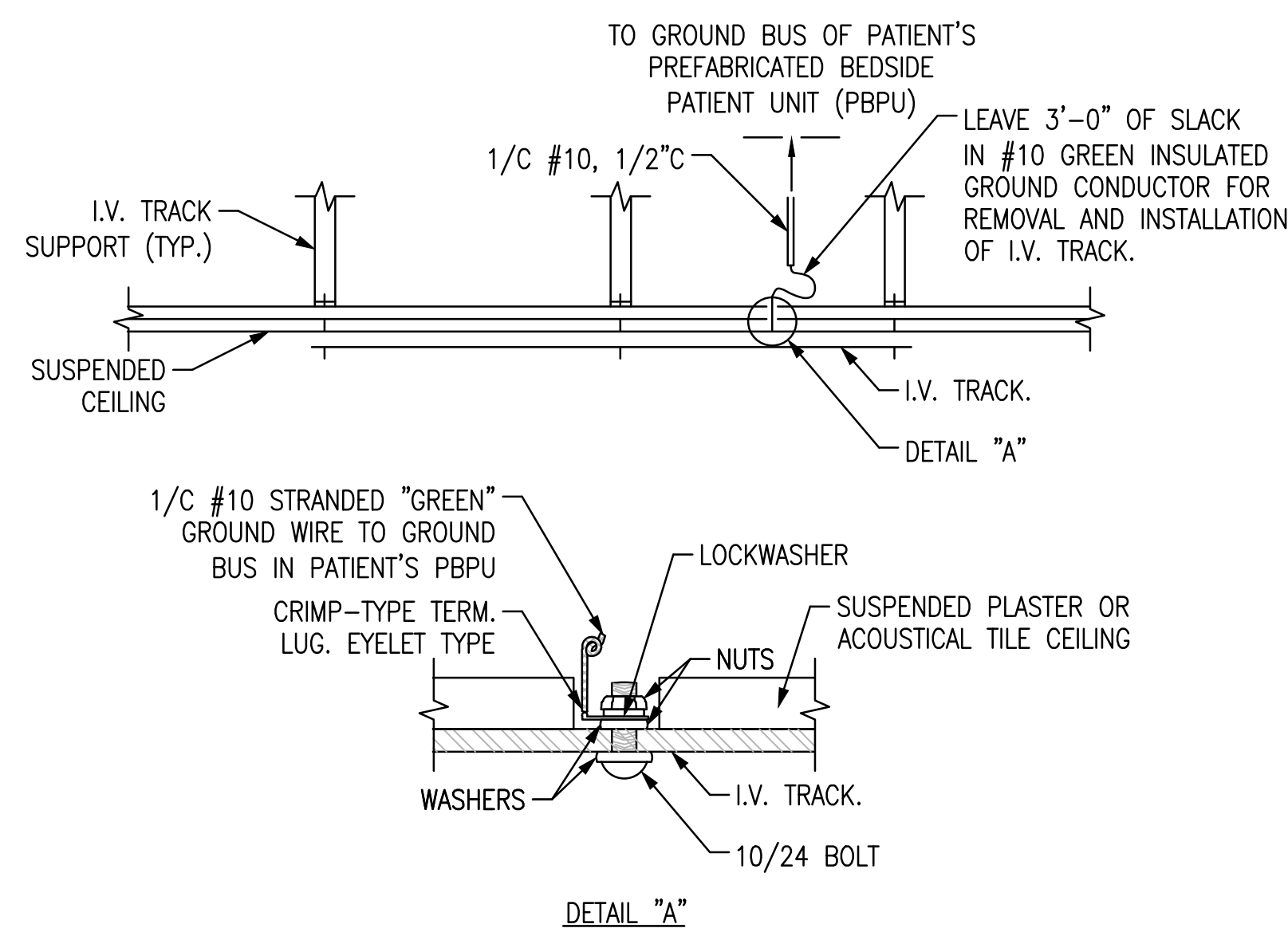
2 TWO-SECTION PANELS

N.T.S.



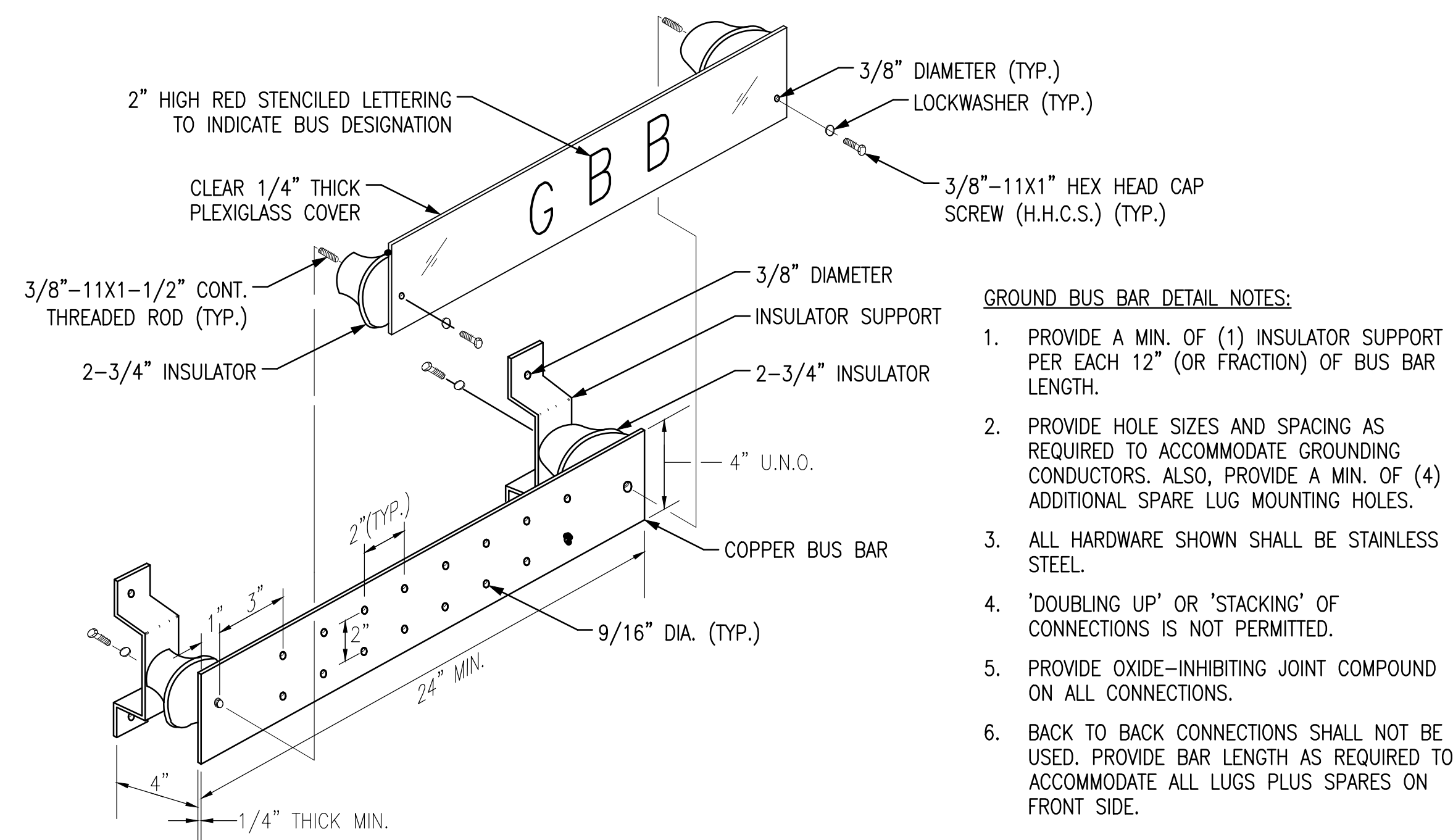
5 FLOOR SLAB PENETRATION

N.T.S.



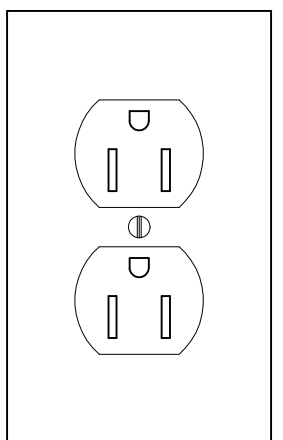
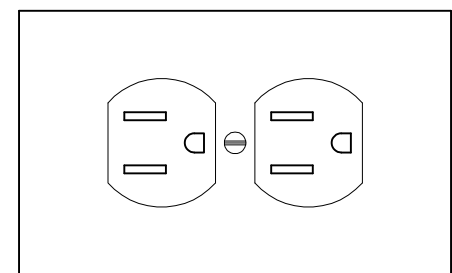
9 I.V. TRACK GROUNDING DETAIL

N.T.S.



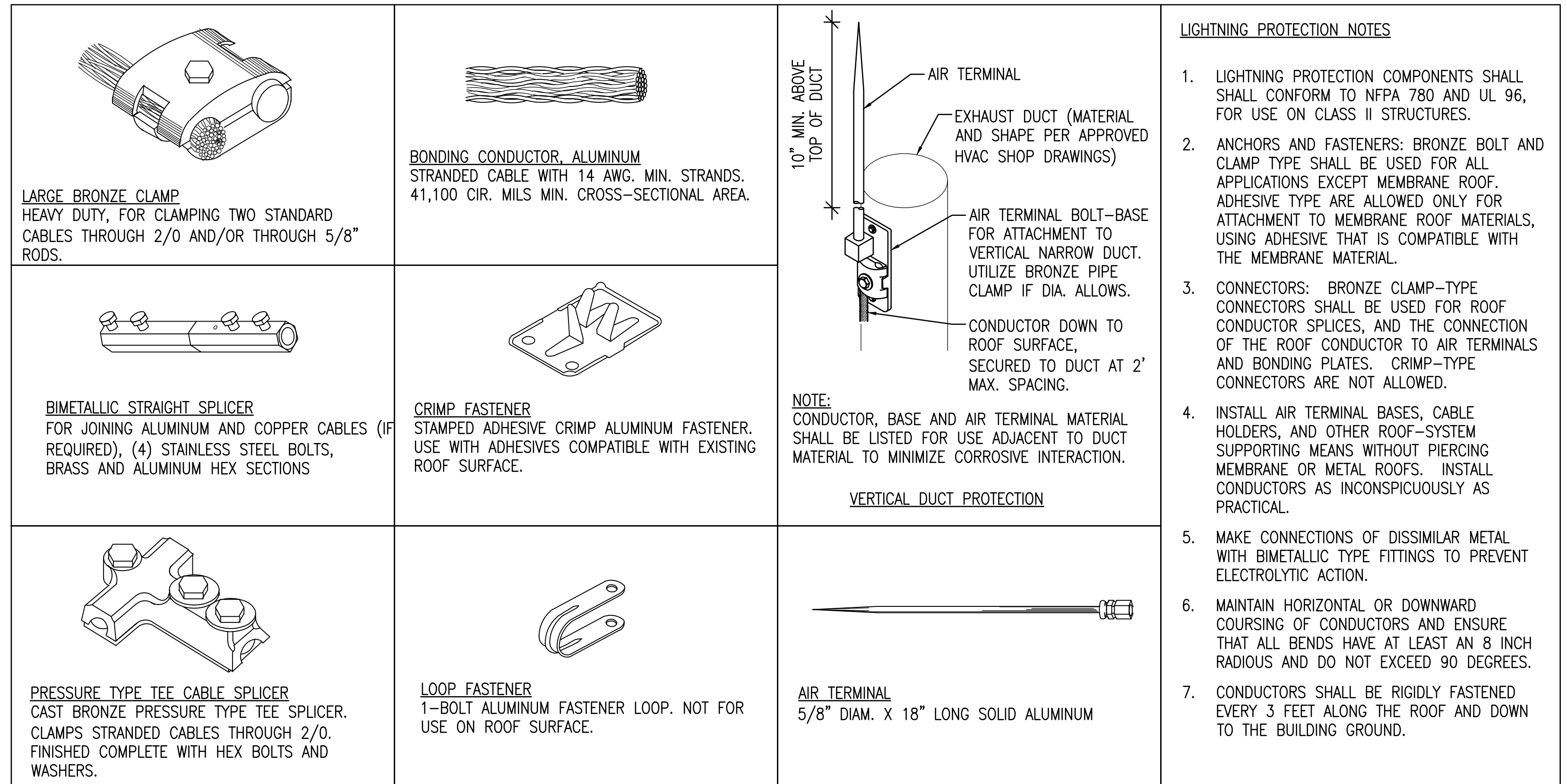
3 GROUND BUS BAR DETAIL

N.T.S.



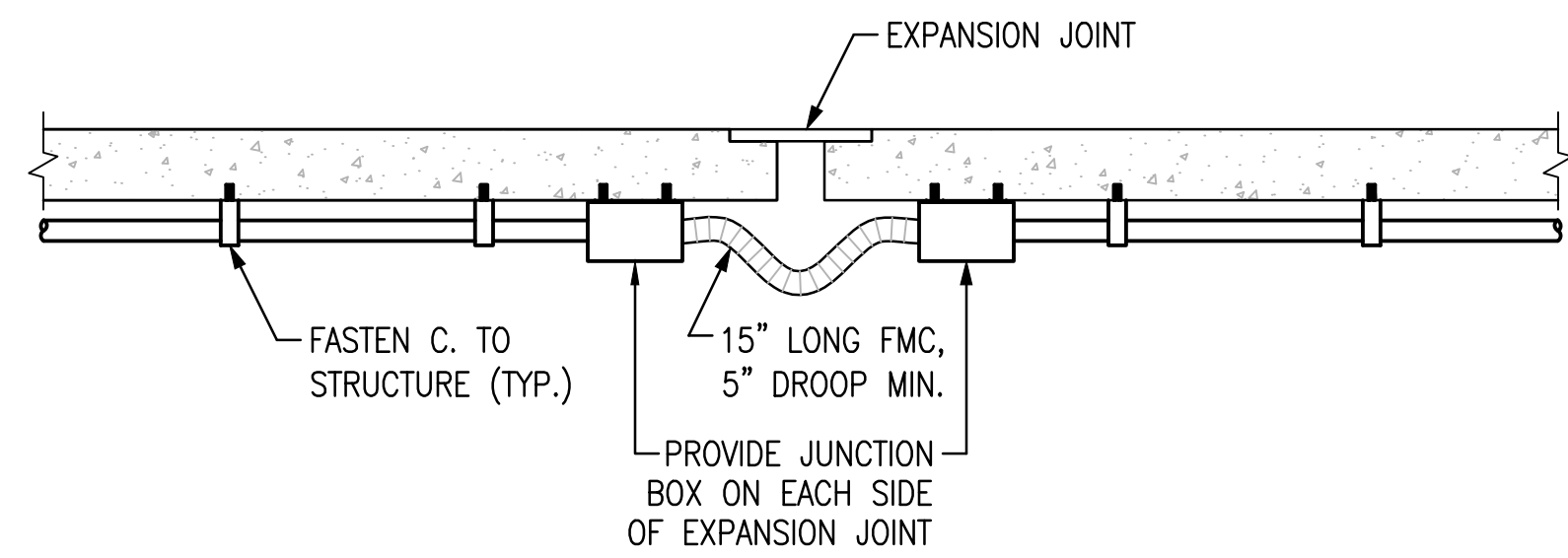
7 GROUND PIN ORIENTATION

N.T.S.



6 LIGHTNING PROTECTION DETAILS AND NOTES

N.T.S.

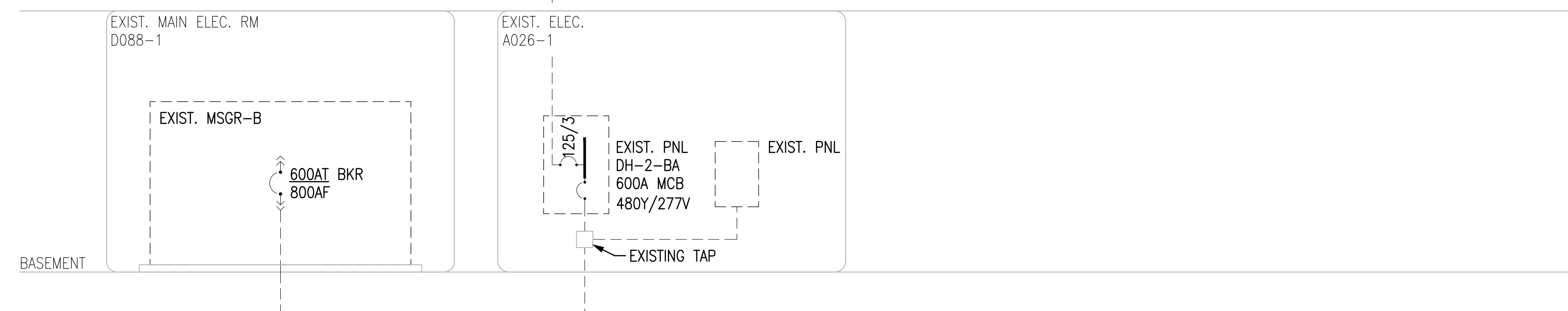
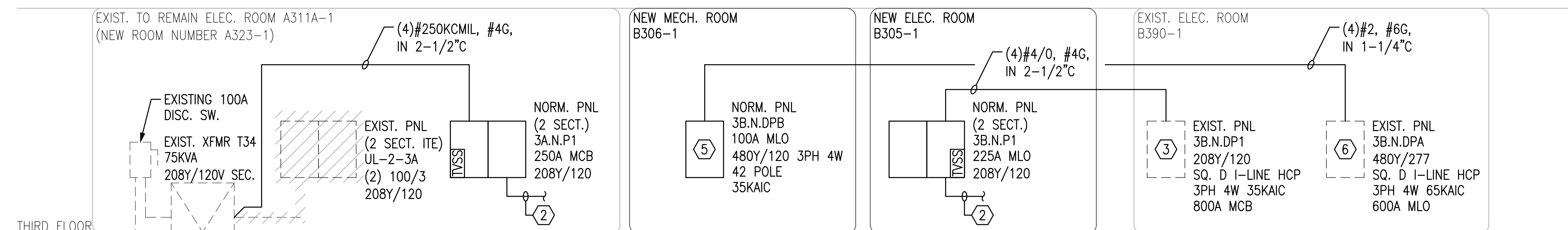


10 EXPANSION JOINT CROSSING - SMALL CONDUITS

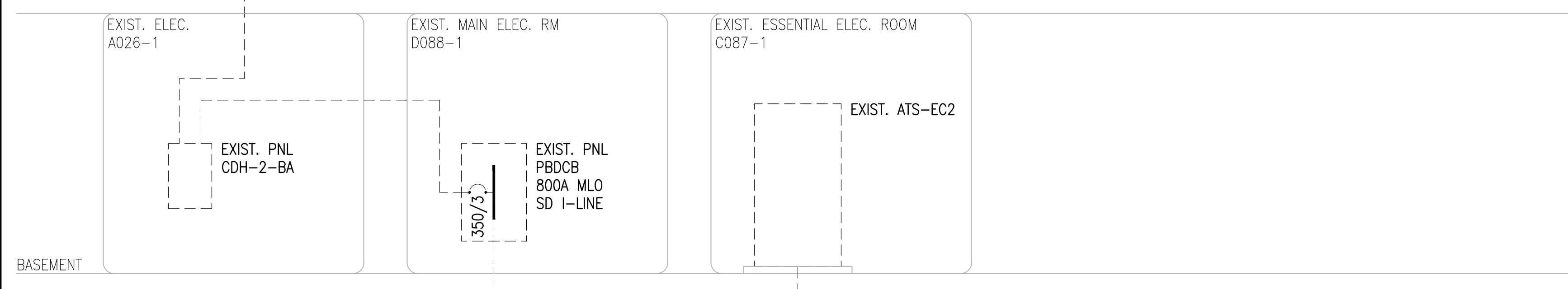
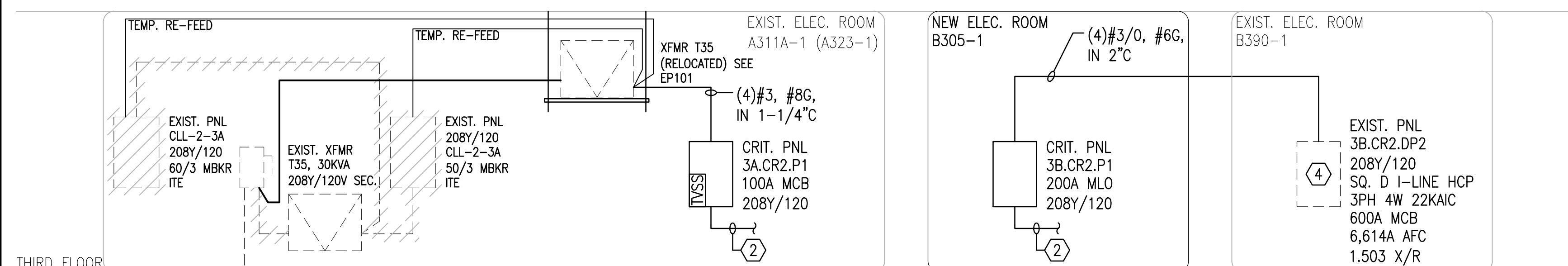
N.T.S.

Revisions:	Date:	CONSULTANTS:	ENGINEER-OF-RECORD CHAD J. FRALICK FL P.E. NO. 73811	ARCHITECT/ENGINEERS: AKEA Design, Inc. 3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 COA: FL #29578 AKEA Project No. 110-15	Drawing Title ELECTRICAL DETAILS	Project Title RENOVATE 3AB FOR GASTROENTEROLOGY AND PULMONARY	Project Number 573-15-102	Building Number 1	Location GAINESVILLE, FLORIDA	Date JULY 15, 2016	Checked CJF	Drawn KLL	Drawing Number EP501	60 OF 72	Office of Construction and Facilities Management Department of Veterans Affairs
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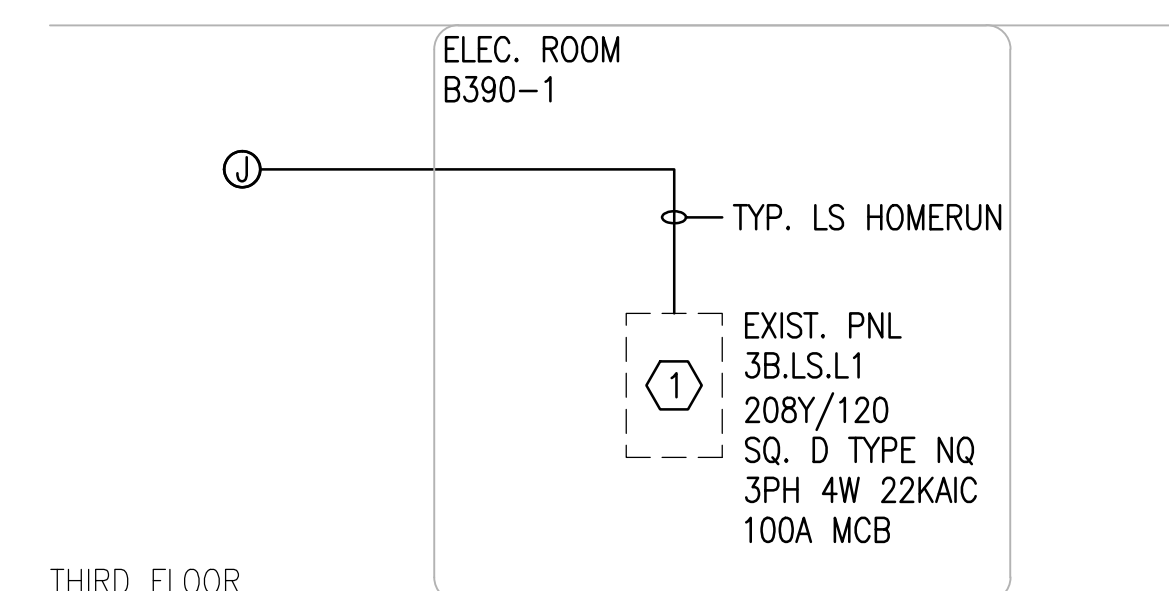
FINAL DESIGN
APPROVED FOR CONSTRUCTION



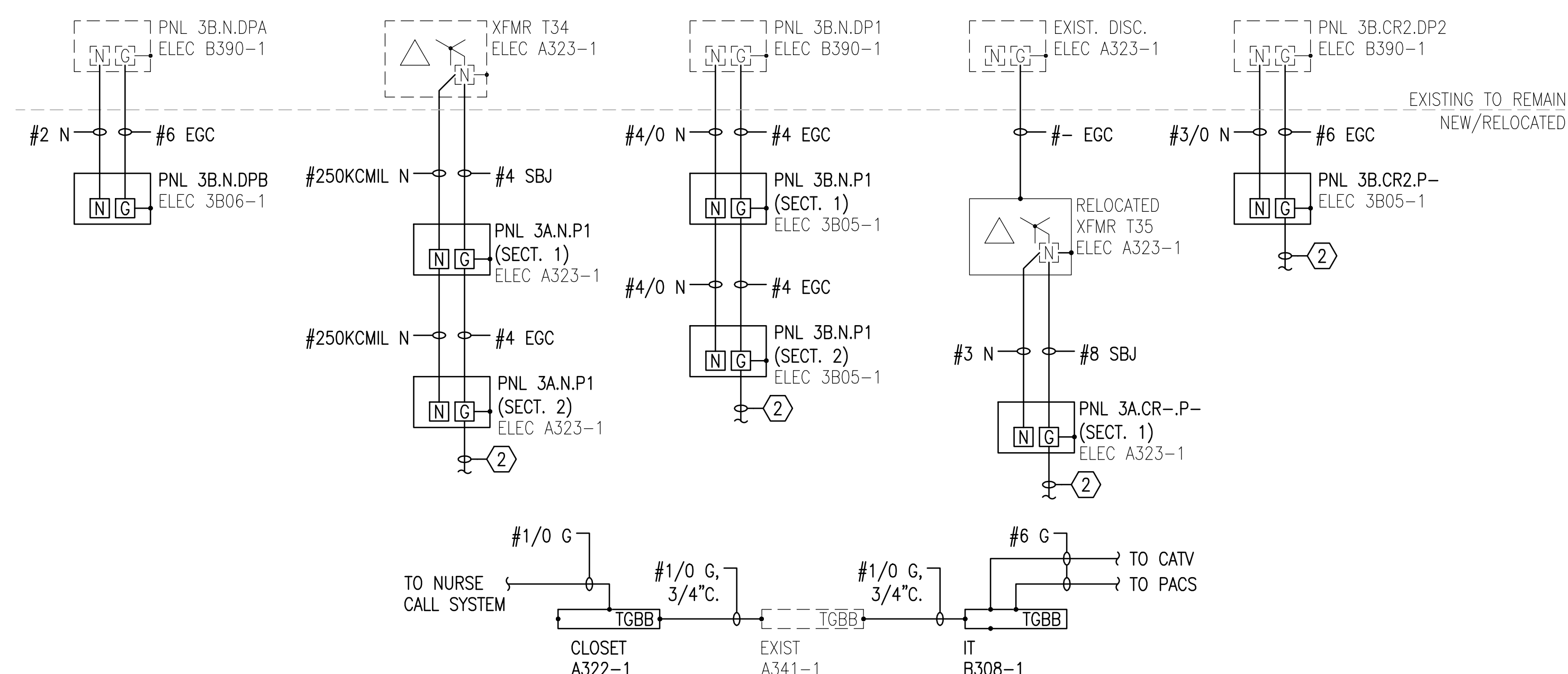
1 NORMAL POWER RISER DIAGRAM
N.T.S.



2 CRITICAL POWER RISER DIAGRAM
N.T.S.



3 LIFE SAFETY POWER RISER DIAGRAM
N.T.S.



4 GROUNDING RISER DIAGRAM
N.T.S.

EQUIPMENT SCHEDULE								
MARK	DESCRIPTION	FLA	MOCp	POWER SOURCE	FEEDER AND CONDUIT	VOLTS / PH	DISCONNECT	STARTER
AHU-3A-1	AIR HANDLER (10HP)	14	30	3B.N.DPB	3#10, #10G, 3/4".	480/3	30A, HD, NF, NEMA 1	VFD PER MECH.
AHU-3B-2	AIR HANDLER (10HP)	14	30	3B.N.DPB	3#10, #10G, 3/4".	480/3	BREAKER IN PANEL (PANEL IN SIGHT)	VFD PER MECH.
HHWP-3-1	HEATING HOT WATER PUMP (2HP MAX)	3.4	15	3B.N.DPB	3#10, #10G, 3/4".	480/3	VFD, DISC. SW. INPUT, NEMA 1 ENCL., BYPASS	
HHWP-3-2	HEATING HOT WATER PUMP (2HP MAX)	3.4	15	3B.N.DPB	3#10, #10G, 3/4".	480/3	VFD, DISC. SW. INPUT, NEMA 1 ENCL., BYPASS	
EF-3A-1	EXHAUST FAN (3HP)	4.8	15	3B.N.DPB	3#10, #10G, 3/4".	480/3	30A, HD, NF, NEMA 3R (AT FAN LOCATION)	VFD, DISC. SW. INPUT, NEMA 1 ENCL., BYPASS
EF-3B-2	EXHAUST FAN (3HP)	4.8	15	3B.N.DPB	3#10, #10G, 3/4".	480/3	30A, HD, NF, NEMA 3R (AT FAN LOCATION)	FVNR, NEMA 1, SIZE 0, MCP DISC., THERMAL OVERLOAD

NOTE:
BREAKER, RACEWAY, CONDUCTOR, AND DISCONNECT SWITCH SIZES INDICATED IN SCHEDULE ABOVE ARE BASIS OF DESIGN VALUES. EXACT ELECTRICAL EQUIPMENT SIZES AND RATINGS SHALL BE PROVIDED BASED ON THE APPROVED SHOP DRAWINGS AND THE EQUIPMENT MANUFACTURER'S NAMEPLATE M.O.C.P. (MAXIMUM OVERCURRENT PROTECTION) VALUE. TERMINATION LOCATION ON EQUIPMENT SHALL BE BASED ON APPROVED SHOP DRAWINGS.

		CONSULTANTS:		ENGINEER—OF-RECORD CHAD J. FOWLER	FL P.E. NO. 73811	ARCHITECT/ENGINEERS: AKEA Design, Inc. 3803 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 COA: FL #29578 AKEA Project No. 110-15	Drawing Title POWER RISER DIAGRAMS AND EQUIPMENT SCHEDULE	Project Title RENOVATE 3AB FOR GASTROENTEROLOGY AND PULMONARY	Project Number 573-15-102	Office of Construction and Facilities Management
								Building Number 1	Drawing Number EP601	
Revisions:	Date									

FINAL DESIGN
APPROVED FOR CONSTRUCTION

Office of
Construction
and Facilities
Management

 Department of
Veterans Affairs

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

one quarter inch = one foot

one eighth inch = one foot

NEW PANEL:

3A.N.P1-SECT.1

LOCATION: ELEC CLOS A323A-1

FED FROM: T34

MOUNTING: SURFACE

ENCLOSURE: NEMA 1

VOLTAGE: 208Y/120

PHASES: 3

WIRES: 4

A.I.C. RATING: 22KAIC

MAIN: MCB

MAIN RATING: 250 A

BUS RATING: 250 A

POLES: 42

NOTES:

PANEL NAME IS ABBREVIATED AS "AN1". DESPITE ABBREVIATION SHOWN ON PLANS, ALL LABELS SHALL INCLUDE FULL PANEL NAME. PROVIDE WITH FEED-THRU LUGS.

CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT
1	RECEPTACLES - TREE 1-1	20 A	1	540 VA	850 VA			1	30 A XRAY RECEP - TREE 1-5	2
3	RECEPTACLES - TREE 1-1	20 A	1		540 VA	850 VA		1	30 A XRAY RECEP - TREE 2-1	4
5	RECEPTACLES - TREE 1-2	20 A	1			540 VA	850 VA	1	30 A XRAY RECEP - TREE 2-2	6
7	RECEPTACLES - TREE 1-2	20 A	1	720 VA	0 VA			1	30 A SPARE	8
9	RECEPTACLES - TREE 1-3	20 A	1		540 VA	0 VA		1	30 A SPARE	10
11	RECEPTACLES - TREE 1-3	20 A	1			540 VA	0 VA	1	30 A SPARE	12
13	RECEPTACLES - TREE 1-4	20 A	1	720 VA	0 VA			1	20 A SPARE	14
15	RECEPTACLES - TREE 1-4	20 A	1		540 VA	0 VA		1	20 A SPARE	16
17	RECEPTACLES - TREE 1-5	20 A	1		540 VA	0 VA		1	20 A SPARE	18
19	RECEPTACLES - TREE 1-5	20 A	1	720 VA	0 VA			1	20 A SPARE	20
21	RECEPTACLES - TREE 1-6	20 A	1		540 VA	0 VA		1	20 A SPARE	22
23	RECEPTACLES - TREE 1-6	20 A	1			720 VA	0 VA	1	20 A SPARE	24
25	RECEPTACLES - TREE 2-1	20 A	1	540 VA	0 VA			1	20 A SPARE	26
27	RECEPTACLES - TREE 2-1	20 A	1		900 VA	0 VA		1	20 A SPARE	28
29	RECEPTACLES - TREE 2-2	20 A	1			720 VA	0 VA	1	20 A SPARE	30
31	RECEPTACLES - TREE 2-2	20 A	1	720 VA	0 VA			1	20 A SPARE	32
33	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	34
35	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	36
37				0 VA	0 VA			1	20 A SPARE	38
39	SPD	30 A	3		0 VA	0 VA		1	20 A SPARE	40
41						0 VA	0 VA	1	20 A SPARE	42
TOTAL LOAD				4810 VA	3910 VA	3910 VA				
TOTAL AMPS				40 A	33 A	33 A				
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS		
RECEPTACLE		10080 VA		99.60%		10040 VA				
								TOTAL CONN. LOAD: 12630 VA		
								TOTAL EST. DEMAND: 13228 VA		
								TOTAL CONN.: 35 A		
								TOTAL EST. DEMAND: 37 A		
NOTES:										

NEW PANEL:

3A.N.P1-SECT.2

LOCATION: ELEC CLOS A323A-1

FED FROM: T34 VIA AN1

MOUNTING: SURFACE

ENCLOSURE: NEMA 1

VOLTAGE: 208Y/120

PHASES: 3

WIRES: 4

A.I.C. RATING: 22KAIC

MAIN: MLO

MAIN RATING: 250 A

BUS RATING: 250 A

POLES: 42

NOTES:

PANEL NAME IS ABBREVIATED AS "AN2". DESPITE ABBREVIATION SHOWN ON PLANS, ALL LABELS SHALL INCLUDE FULL PANEL NAME.

CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT
1	RECEPTACLES - CHARGE NURSE	20 A	1	720 VA	800 VA			1	20 A STERILE STORE - VENTILATED...	2
3	RECEPTACLE	20 A	1		800 VA	900 VA		1	20 A RECEPTACLES - MAIN CORR....	4
5	RECEPTACLES - MEDS, CORR....	20 A	1			900 VA	900 VA	1	20 A RECEPTACLES - STAFF TLT, SOL...	6
7	RECEPTACLES - NON-STERILE...	20 A	1	720 VA	1080 VA			1	20 A RECEPTACLES - HAC, CORR.....	8
9	RECEPTACLES - LOUNGE	20 A	1		540 VA	540 VA		1	20 A RECEPTACLES - LOUNGE	10
11	REF - LOUNGE	20 A	1			180 VA	180 VA	1	20 A COFFEE - LOUNGE	12
13	MW - LOUNGE	20 A	1	180 VA	0 VA			1	20 A SPARE	14
15	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	16
17	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	18
19	SPARE	20 A	1	0 VA	0 VA			1	20 A SPARE	20
21	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	22
23	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	24
25	SPARE	20 A	1	0 VA	0 VA			1	20 A SPARE	26
27	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	28
29	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	30
31	SPARE	20 A	1	0 VA	0 VA			1	20 A SPARE	32
33	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	34
35	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	36
37	SPARE	20 A	1	0 VA	0 VA			1	20 A SPARE	38
39	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	40
41	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	42
TOTAL LOAD				3500 VA	2780 VA	2160 VA				
TOTAL AMPS				30 A	24 A	18 A				
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS		
MOTORS		1600 VA		100.00%		1600 VA				
RECEPTACLE		6840 VA		100.00%		6840 VA		TOTAL CONN. LOAD: 8440 VA		
								TOTAL EST. DEMAND: 8440 VA		
								TOTAL CONN.: 23 A		
								TOTAL EST. DEMAND: 23 A		
NOTES:										

NEW PANEL:

3A.CR2.P1

LOCATION: ELEC CLOS A323A-1

FED FROM: XFMR T35

MOUNTING: SURFACE

ENCLOSURE: NEMA 1

VOLTAGE: 208Y/120

PHASES: 3

WIRES: 4

A.I.C. RATING: 22KAIC

MAIN: MCB

MAIN RATING: 100 A

BUS RATING: 100 A

POLES: 42

NOTES:

PANEL NAME IS ABBREVIATED AS "AC". DESPITE ABBREVIATION SHOWN ON PLANS, ALL LABELS SHALL INCLUDE FULL PANEL NAME.

CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	CKT
1	BOOM - TREE 1-1	20 A	1	720 VA	180 VA			1	20 A ANES, TREE 1-1	2
3	BOOM - TREE 1-1	20 A	1		720 VA	180 VA		1	20 A ANES, TREE 1-2	4
5	BOOM - TREE 1-2	20 A	1			720 VA	180 VA	1	20 A ANES, TREE 1-3	6
7	BOOM - TREE 1-2	20 A	1	720 VA	180 VA			1	20 A ANES, TREE 1-4	8
9	BOOM - TREE 1-3	20 A	1		720 VA	180 VA		1	20 A ANES, TREE 1-5	10
11	BOOM - TREE 1-3	20 A	1			720 VA	180 VA	1	20 A ANES, TREE 1-6	12
13	BOOM - TREE 1-4	20 A	1	720 VA	180 VA			1	20 A ANES, TREE 2-1	14
15	BOOM - TREE 1-4	20 A	1		720 VA	180 VA		1	20 A ANES, TREE 2-2	16
17	BOOM - TREE 1-5	20 A	1			720 VA	540 VA	1	20 A CRASH CARTS	18
19	BOOM - TREE 1-5	20 A	1	720 VA	180 VA			1	20 A MEDS	20
21	BOOM - TREE 1-6	20 A	1		720 VA	0 VA		1	20 A SPARE	22
23	BOOM - TREE 1-6	20 A	1			720 VA	0 VA	1	20 A SPARE	24
25	BOOM - TREE 2-1	20 A	1	720 VA	0 VA			1	20 A SPARE	26
27	BOOM - TREE 2-1	20 A	1		720 VA	0 VA		1	20 A SPARE	28
29	BOOM - TREE 2-2	20 A	1			720 VA	0 VA	1	20 A SPARE	30
31	BOOM - TREE 2-2	20 A	1	720 VA	0 VA			1	30 A SPARE	32
33	SPARE	20 A	1		0 VA	0 VA		1	30 A SPARE	34
35	SPARE	20 A	1			0 VA	0 VA	1	30 A SPARE	36
37				0 VA	0 VA			1	20 A SPARE	38
39	SPD	30 A	3		0 VA	0 VA		1	20 A SPARE	40
41						0 VA	0 VA	1	20 A SPARE	42
TOTAL LOAD				5040 VA	4140 VA	4500 VA				
TOTAL AMPS				42 A	35 A	38 A				
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS		
RECEPTACLE		13680 VA		86.55%		11840 VA				
								TOTAL CONN. LOAD: 13680 VA		
								TOTAL EST. DEMAND: 11840 VA		
								TOTAL CONN.: 38 A		
								TOTAL EST. DEMAND: 33 A		
NOTES:										

NEW PANEL:

3B.N.P1-SECT. 1

LOCATION: ELEC RM B305-1

FED FROM: 3B.N.DP1

MOUNTING: SURFACE

ENCLOSURE: NEMA 1

VOLTAGE: 208Y/120

PHASES: 3

WIRES: 4

A.I.C. RATING: 22KAIC

MAIN: MLO

MAIN RATING: 225 A

BUS RATING: 225 A

POLES: 42

NOTES:

PANEL NAME IS ABBREVIATED AS "BN1". DESPITE ABBREVIATION SHOWN ON PLANS, ALL LABELS SHALL INCLUDE FULL PANEL NAME. PROVIDE DOUBLE LUGS.

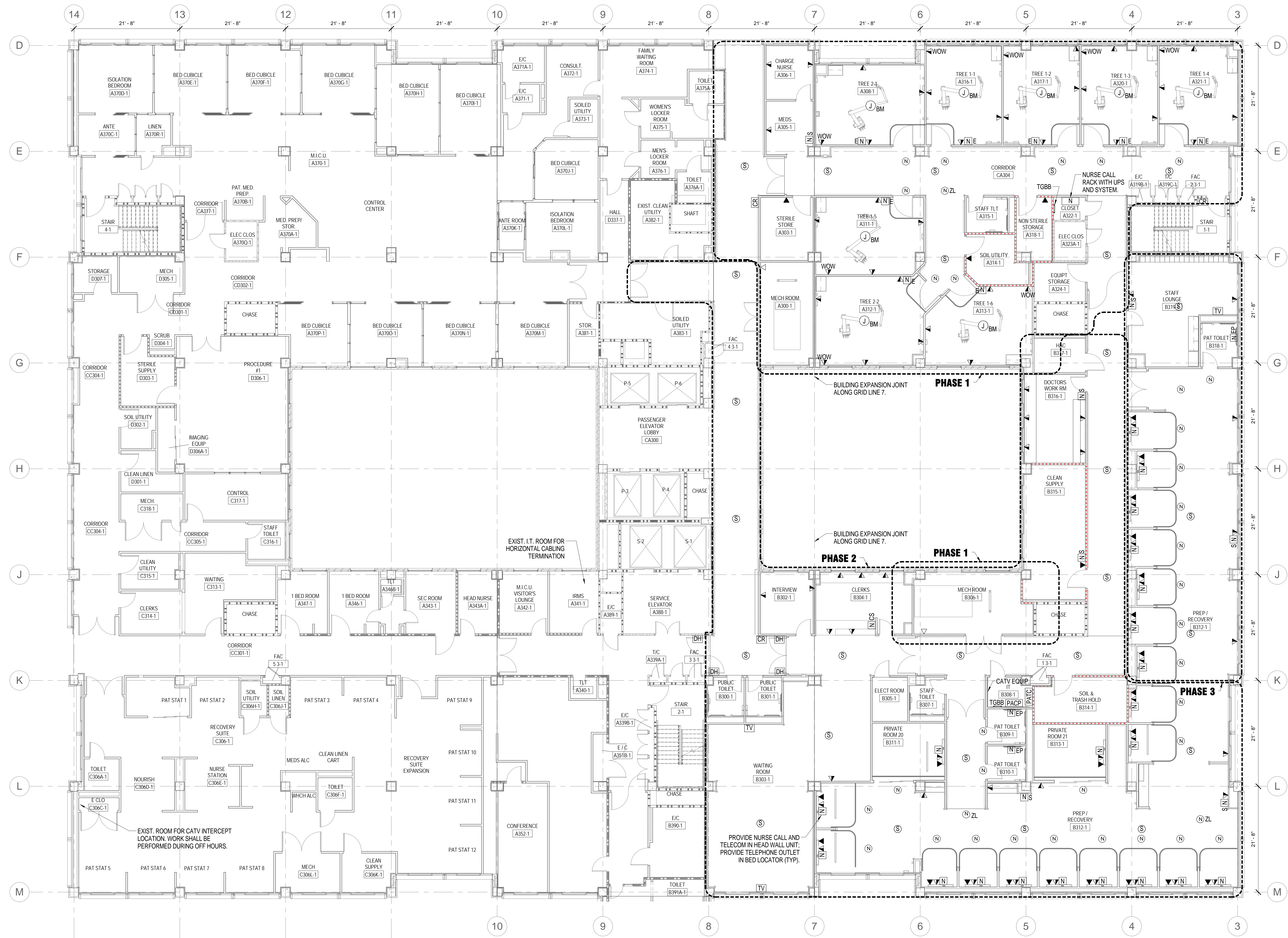
CKT	CIRCUIT DESCRIPTION	TRIP	POL...	A	B	C	POL...	TRIP	CIRCUIT DESCRIPTION	CKT
1	BEDS 1&2	20 A	1	1080 VA	720 VA			1	20 A RECEPTACLE	2
3	BEDS 3&4	20 A	1		720 VA	900 VA		1	20 A RECEPTACLES - RECOVERY, TLT	4
5	BEDS 5&6	20 A	1			720 VA	360 VA	1	20 A RECEPTACLES - NURSE...	6
7	BEDS 7&8	20 A	1	720 VA	180 VA			1	20 A RECEPTACLE - APPLIANCE	8
9	BEDS 9&10	20 A	1		720 VA	180 VA		1	20 A RECEPTACLE - APPLIANCE	10
11	BEDS 11&12	20 A	1			900 VA	180 VA	1	20 A ICE	12
13	BEDS 13&14	20 A	1	720 VA	540 VA			1	20 A RECEPTACLES - NURSE...	14
15	BEDS 15&16	20 A	1		720 VA	180 VA		1	20 A RECEPTACLE - DR WORK RM	16
17	BEDS 17&18	20 A	1		720 VA	180 VA		1	20 A RECEPTACLE - DR WORK RM	18
19	BED 19	20 A	1	360 VA	180 VA			1	20 A RECEPTACLE - DR WORK RM	20
21	BED 20	20 A	1		900 VA	180 VA		1	20 A REF	22
23	BED 21	20 A	1			720 VA	1080 VA	1	20 A RECEPTACLES - RECOVERY, TLT	24
25	RECEPTACLES - NURSE STATION	20 A	1	360 VA	0 VA			1	20 A SPARE	26
27	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	28
29	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	30
31	SPARE	20 A	1	0 VA	0 VA			1	20 A SPARE	32
33	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	34
35	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	36
37	SPARE	20 A	1	0 VA	0 VA			1	20 A SPARE	38
39	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	40
41	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	42
TOTAL LOAD				4860 VA	4500 VA	4860 VA				
TOTAL AMPS				41 A	38 A	41 A				
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND		PANEL TOTALS				
RECEPTACLE		14220 VA	85.16%	12110 VA						
						TOTAL CONN. LOAD:		14220 VA		
						TOTAL EST. DEMAND:		12110 VA		
						TOTAL CONN.:		39 A		
						TOTAL EST. DEMAND:		34 A		

NOTES:

three inches = one foot
one and one half inches = one foot
one inch = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

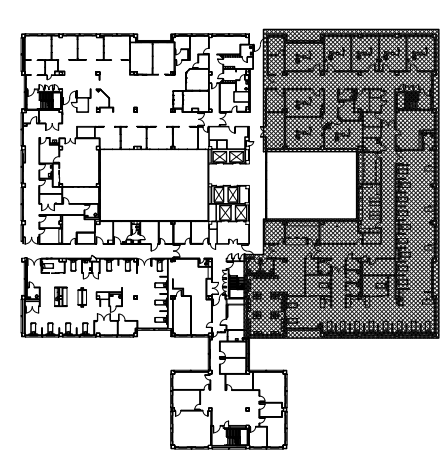
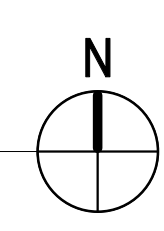
SHEET NOTES

A. EXISTING PUBLIC ADDRESS SYSTEMS/SPEAKERS ARE TO BE RELOCATED TO NEW LOCATIONS SHOWN. PROVIDE NEW CONDUIT AND WIRING AS NECESSARY TO RELOCATE DEVICES AS SHOWN. MATCH EXISTING CIRCUITING.




3RD FLOOR - SYSTEMS

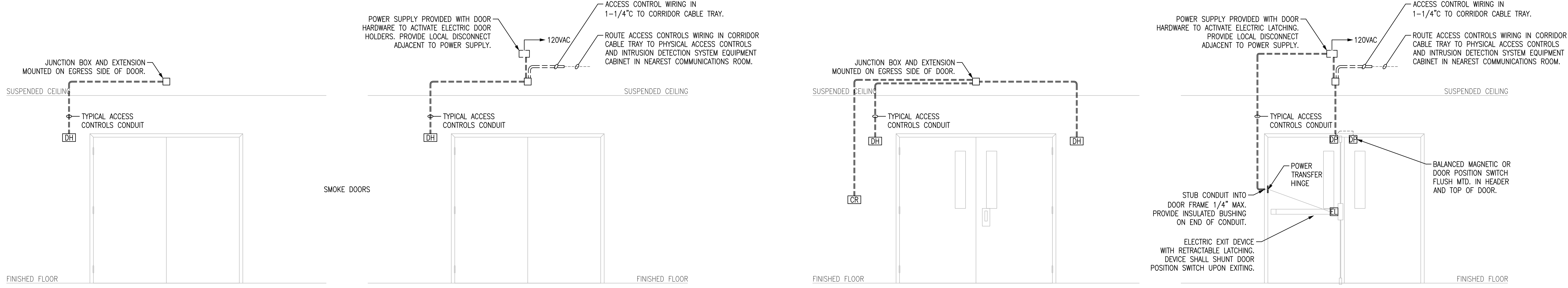
1/8" = 1'-0"



FINAL DESIGN
APPROVED FOR CONSTRUCTION

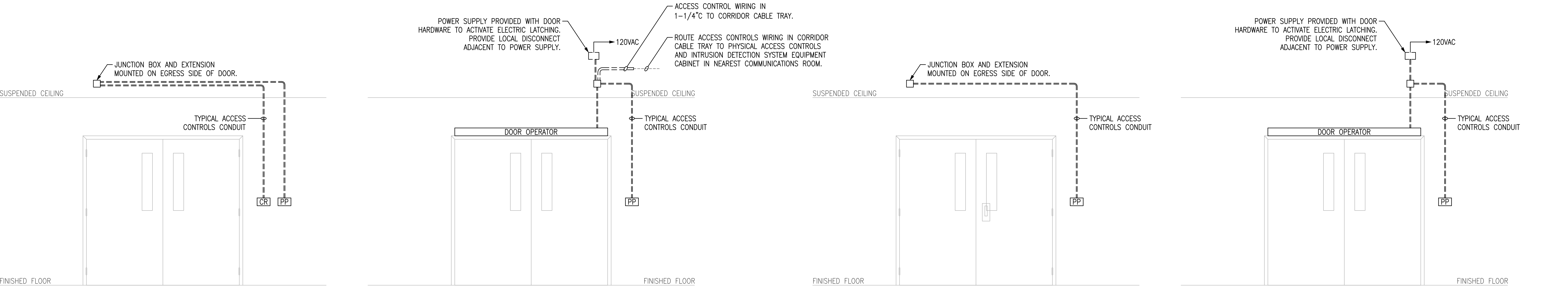
		CONSULTANTS:		ENGINEER - OF - RECORD CHAD J. FRALICK	FL. P.E. NO. 73811	ARCHITECT/ENGINEERS: AKEA Design, Inc. 3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 COA: FL #29578 AKEA Project No. 110-15	Drawing Title	Project Title	Project Number	Office of Construction and Facilities Management	
							3RD FLOOR - SYSTEMS	RENOVATE 3AB FOR GASTROENTEROLOGY AND PULMONARY	573-15-102		
									Building Number 1		
									Drawing Number		
									ET101		
									63 OF 72		
REV 1 - ADDENDUM 1	7/29/2016						Approved: Project Director	Location			 Department of Veterans Affairs
Revisions:	Date							GAINESVILLE, FLORIDA			
							Date	Checked	Drawn		
								JULY 7, 2016	CJF	CJF	

one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot
four inches = one foot
five inches = one foot
six inches = one foot
seven inches = one foot
eight inches = one foot
nine inches = one foot
ten inches = one foot
eleven inches = one foot
twelve inches = one foot
thirteen inches = one foot
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twenty inches = one foot
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ninety seven inches = one foot
ninety eight inches = one foot
ninety nine inches = one foot
one hundred inches = one foot



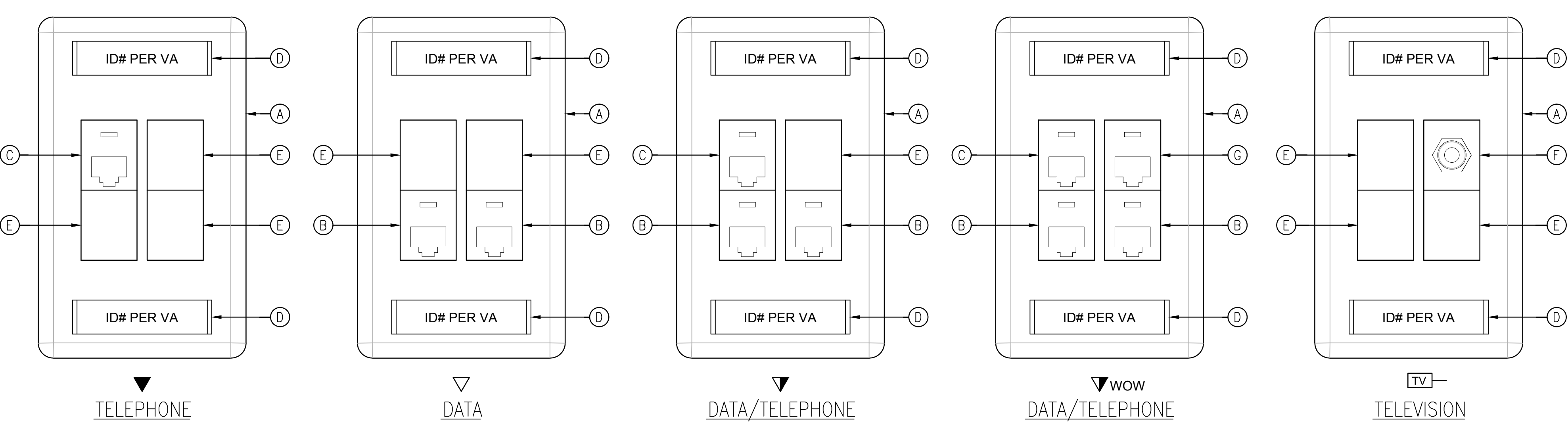
1 ELECTRONIC SECURITY SYSTEM DETAIL - DOOR CONTROL TYPE "1" N.T.S.

2 ELECTRONIC SECURITY SYSTEM DETAIL - DOOR CONTROL TYPE "2" N.T.S.



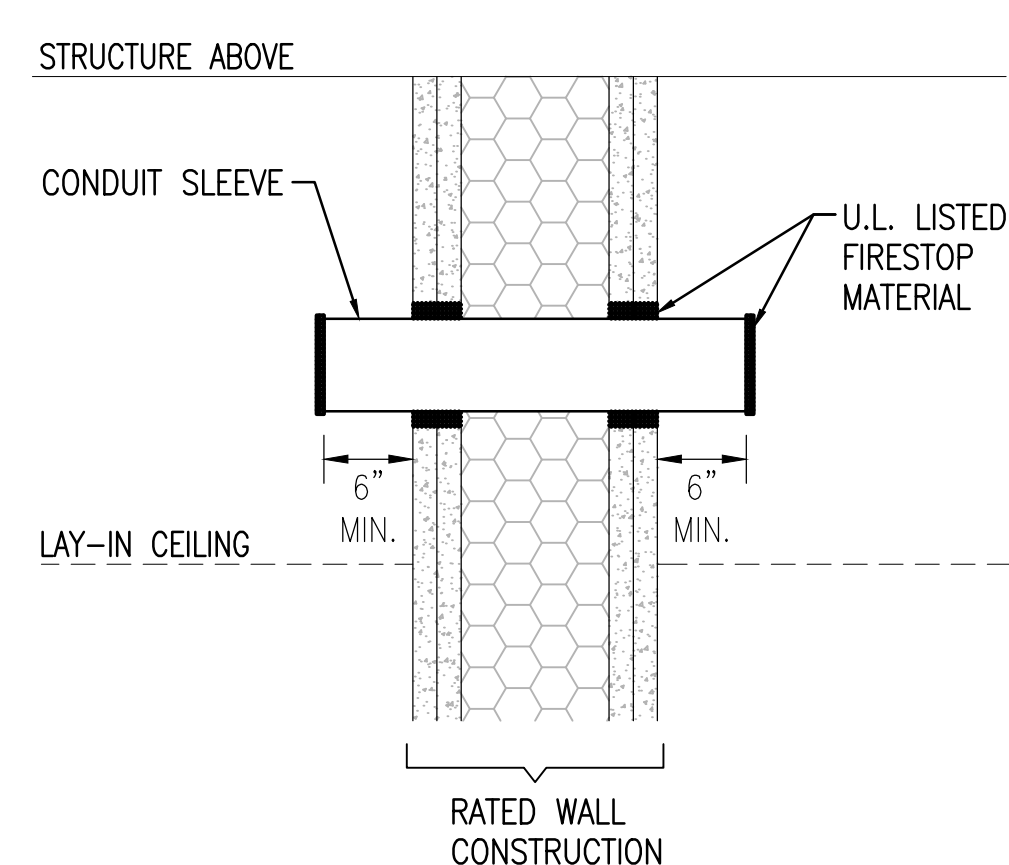
3 ELECTRONIC SECURITY SYSTEM DETAIL - DOOR CONTROL TYPE "3" N.T.S.

4 ELECTRONIC SECURITY SYSTEM DETAIL - DOOR CONTROL TYPE "4" N.T.S.



5 TELEVISION AND TELECOMMUNICATIONS OUTLET DETAILS N.T.S.

- OUTLET KEY NOTES:
- (A) COMMUNICATIONS FACEPLATE, IVORY COLOR, ORTRONICS #OR-40300546-99. BACKBOX SHALL BE 4" SQUARE WITH SINGLE-GANG MUD RING.
 - (B) "DATA" SNAP-IN COUPLER WITH 8-PIN MODULAR JACK ASSEMBLY, CAT 5E, 180° EXIT, LIGHT ORANGE COLOR, T568A PIN ASSIGNMENTS, ORTRONICS #OR-TJ5E00-23.
 - (C) "VOICE" SNAP-IN COUPLER SIMILAR TO DATA, EXCEPT FOG WHITE IN COLOR, ORTRONICS #OR-TJ5E00.
 - (D) COMMUNICATIONS OUTLET IDENTIFIER (COORD. WITH VA FOR EXACT NOMENCLATURE) ON LASER PRINTED INSERT UNDER FACTORY PLASTIC COVER.
 - (E) BLANK TAB, IVORY, ORTRONICS #OR-4210002-99.
 - (F) COAXIAL SNAP-IN CONNECTOR FOR TV. COORDINATE COLOR WITH VA.
 - (G) PROVIDE "DATA" SNAP-IN CONNECTOR FOR CABLE CONNECTION TO SCREEN ARM OF BOOM. COORDINATE CONNECTOR AND CABLE REQUIREMENTS WITH VA AND EQUIPMENT MANUFACTURER.



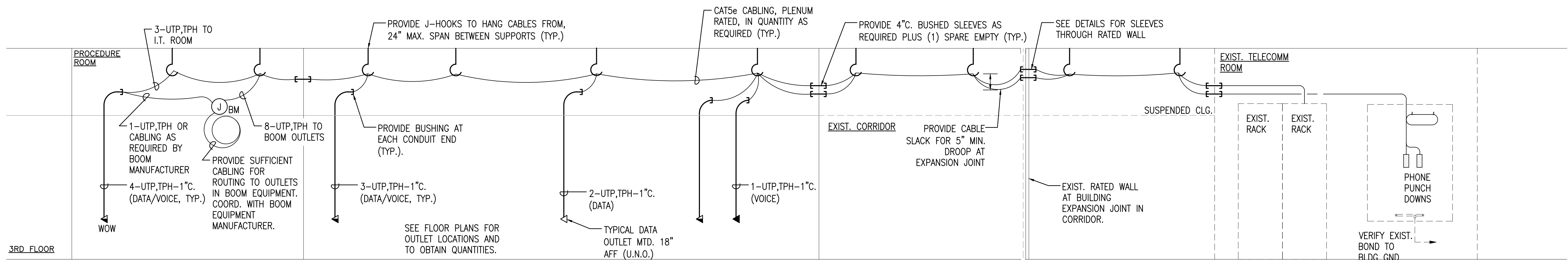
6 CONDUIT SLEEVE THRU RATED WALL N.T.S.

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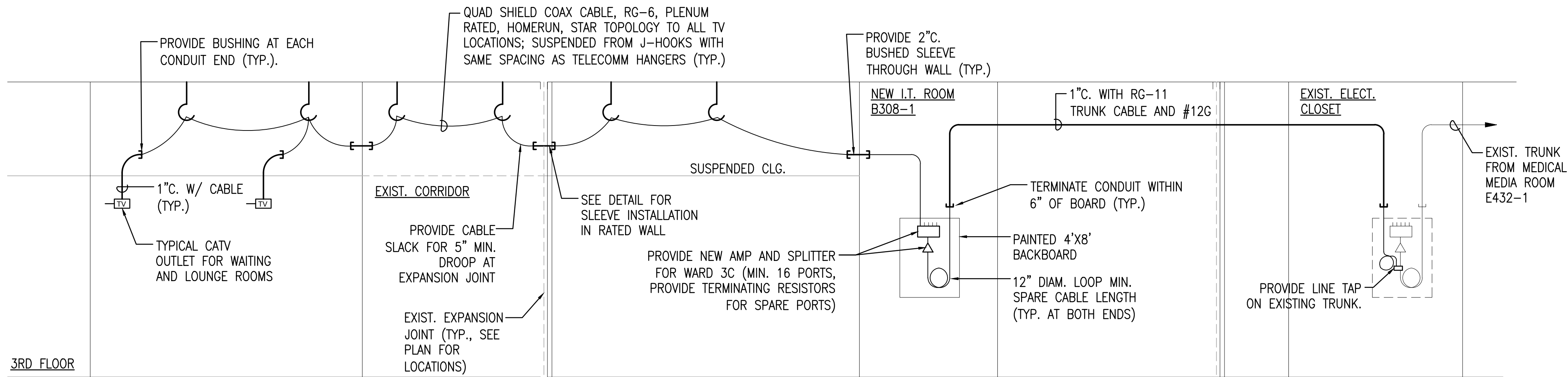
CONSULTANTS:		ENGINEER-OF-RECORD CHAD J. FRALICK	FL P.E. NO. 73811	ARCHITECT/ENGINEERS: AKEA Design, Inc. 3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 COA: FL #29578 AKEA Project No. 110-15	Drawing Title SYSTEMS DETAILS	Project Title RENOVATE 3AB FOR GASTROENTEROLOGY AND PULMONARY	Project Number 573-15-102	Office of Construction and Facilities Management
Revisions:		Date			Approved: Project Director	Location GAINESVILLE, FLORIDA	Building Number 1	Department of Veterans Affairs
						Date JULY 15, 2016	Checked CJF	
						Drawn KLL	Drawing Number ET501	
							64 OF 72	

SHEET NOTES

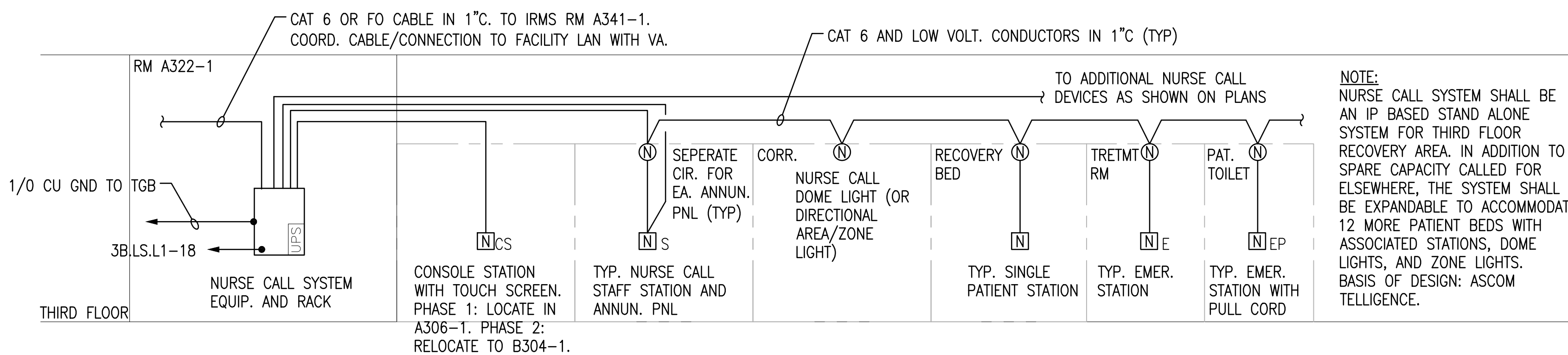
- A. NEW CABLING SHALL BE CAT5e MIN. VOICE CABLES SHALL BE WHITE, DATA CABLES SHALL BE GREEN.
- B. IN AREAS ABOVE, EXISTING-TO-REMAIN CEILINGS: NEW CABLING MAY BE INSTALLED IN EXISTING CABLE TRAYS IF EXISTING CABLE TRAYS ARE PRESENT.



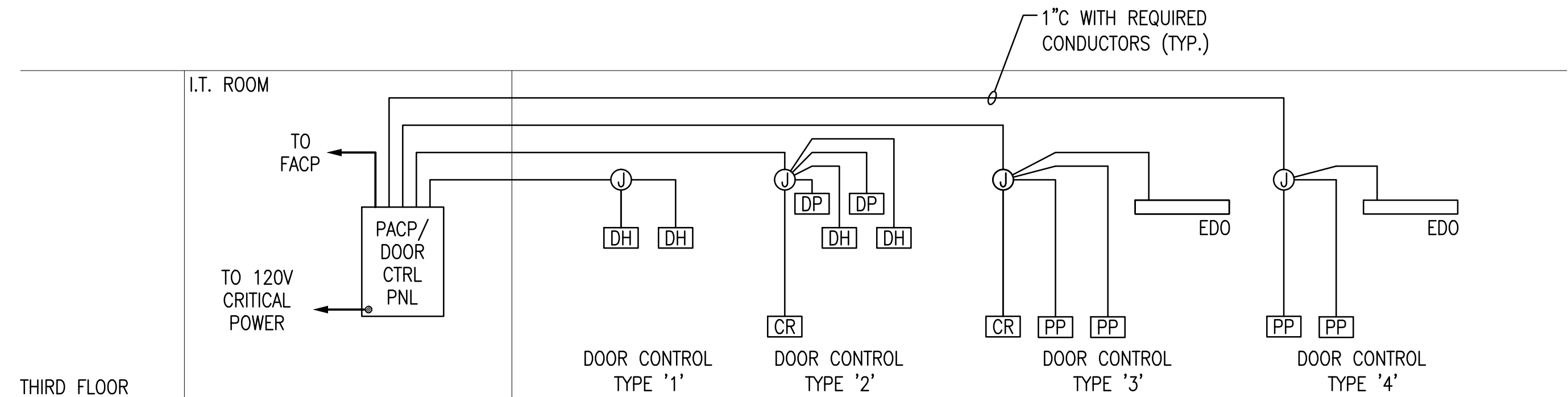
1 RISER DIAGRAM - TELECOM (3RD FLOOR)
N.T.S.



2 RISER DIAGRAM - CATV (3RD FLOOR)
N.T.S.



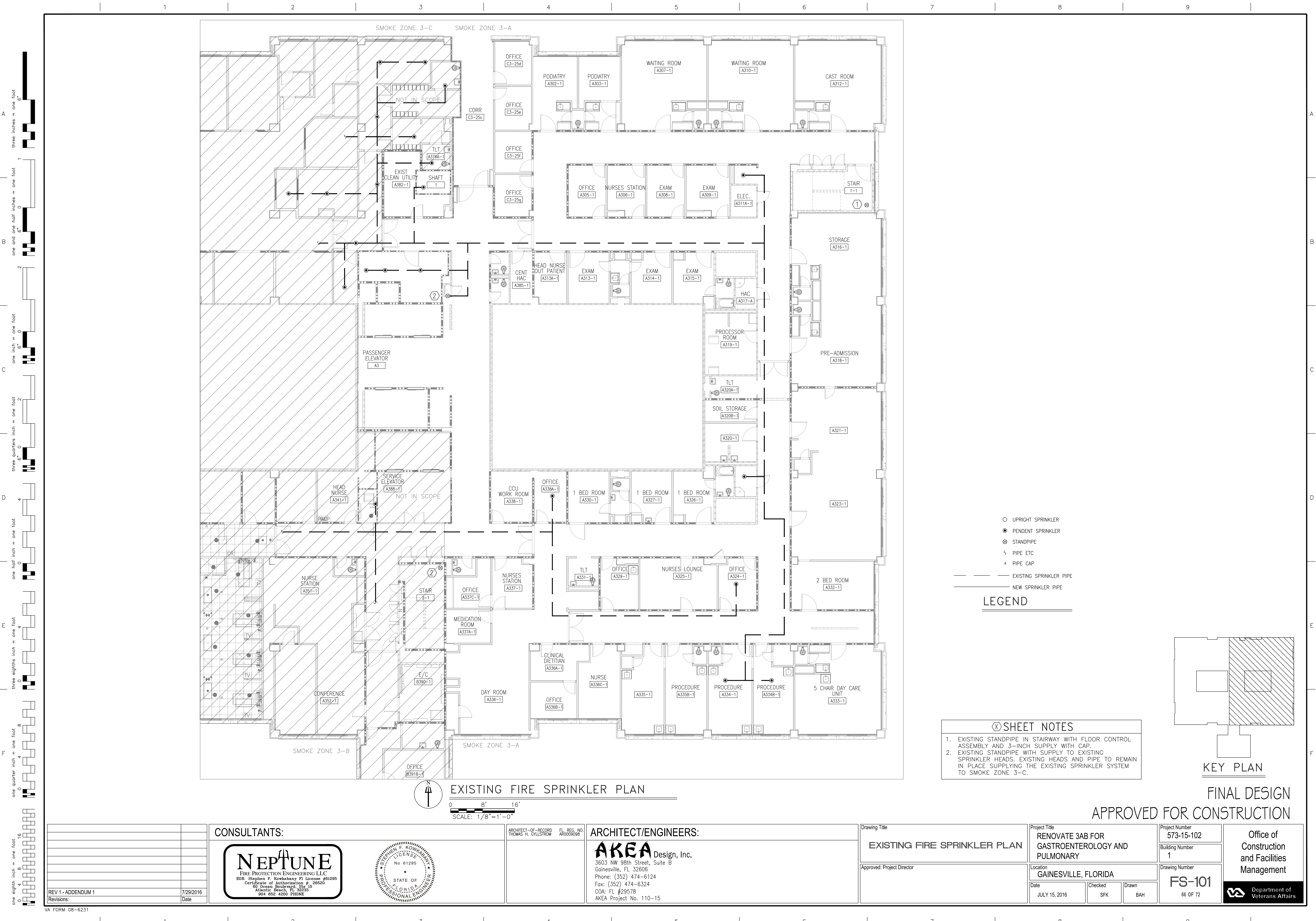
3 RISER DIAGRAM - NURSE CALL SYSTEM (3RD FLOOR RECOVERY)
N.T.S.



4 RISER DIAGRAM - PACS SYSTEM (3RD FLOOR)
N.T.S.

FINAL DESIGN
APPROVED FOR CONSTRUCTION

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Revisions:		Date			Approved: Project Director	Location GAINESVILLE, FLORIDA	Drawing Number ET601 65 OF 72	Department of Veterans Affairs
						Date JULY 15, 2016	Checked CJF	Drawn KLL



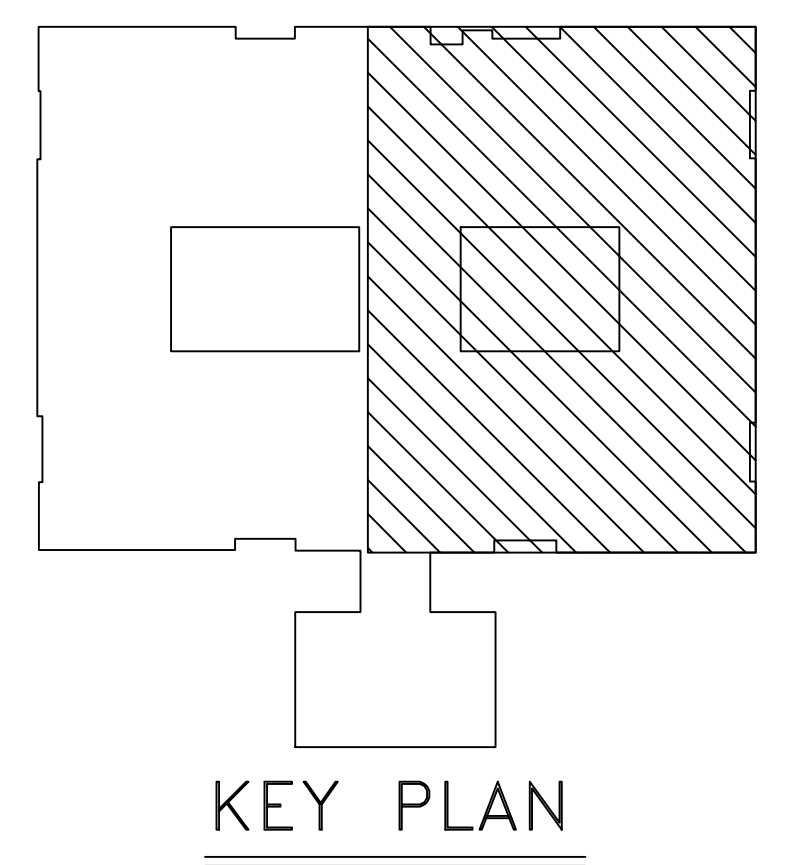
1
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A
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C
D
E
F

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eighty inches = one foot
eighty-two inches = one foot
eighty-four inches = one foot
eighty-six inches = one foot
eighty-eight inches = one foot
ninety inches = one foot
ninety-two inches = one foot
ninety-four inches = one foot
ninety-six inches = one foot
ninety-eight inches = one foot
one hundred inches = one foot

- UPRIGHT SPRINKLER
● PENDENT SPRINKLER
⊗ STANDPIPE
S PIPE ETC
P PIPE CAP
--- EXISTING SPRINKLER PIPE
--- NEW SPRINKLER PIPE
- LEGEND**

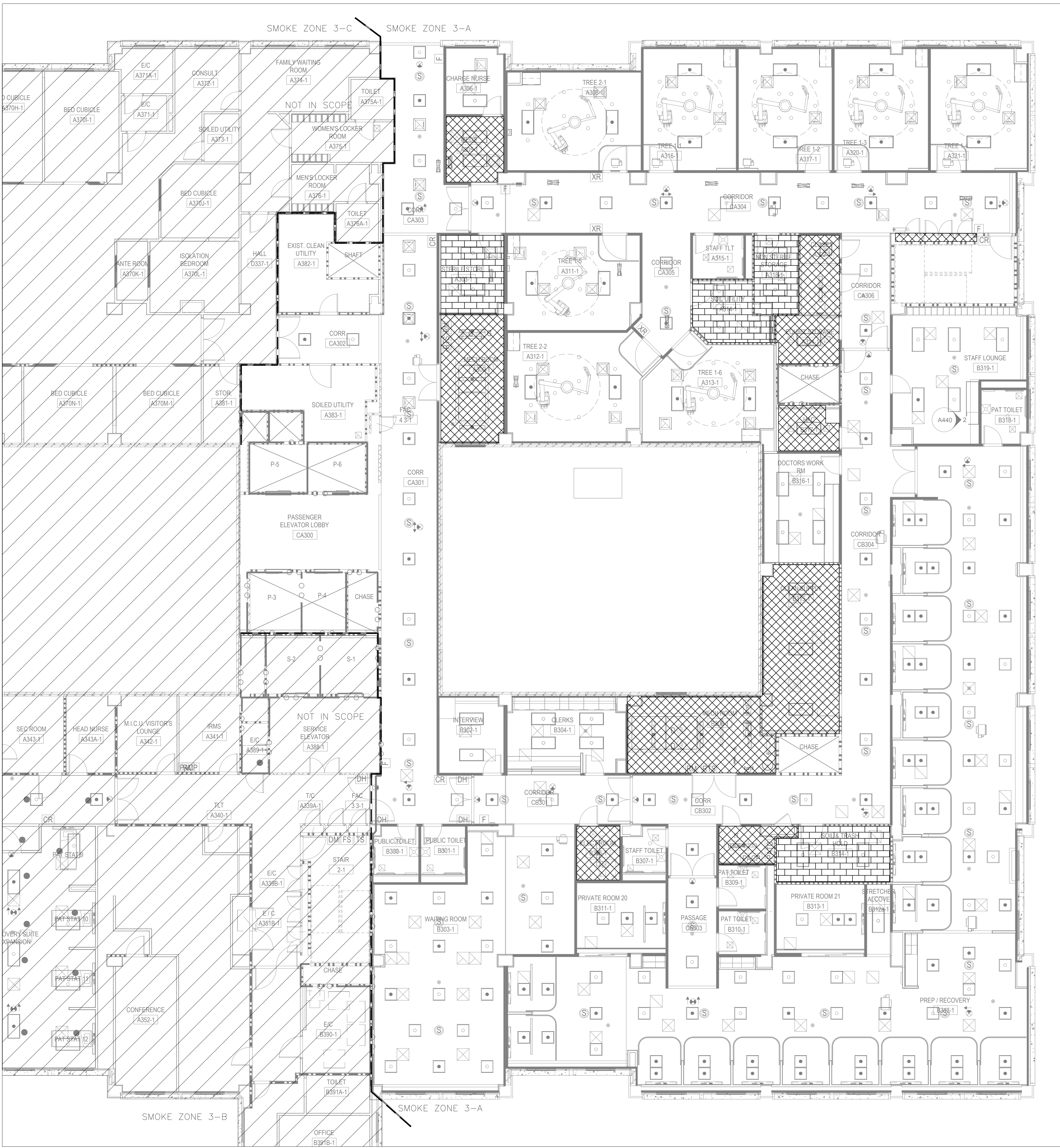
- SHEET NOTES**
- EXISTING STANDPIPE IN STAIRWAY WITH FLOOR CONTROL ASSEMBLY AND 3-INCH SUPPLY WITH CAP.
 - EXISTING STANDPIPE WITH SUPPLY TO EXISTING SPRINKLER HEADS. EXISTING HEADS AND PIPE TO REMAIN IN PLACE SUPPLYING THE EXISTING SPRINKLER SYSTEM TO SMOKE ZONE 3-C.



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APPROVED FOR CONSTRUCTION

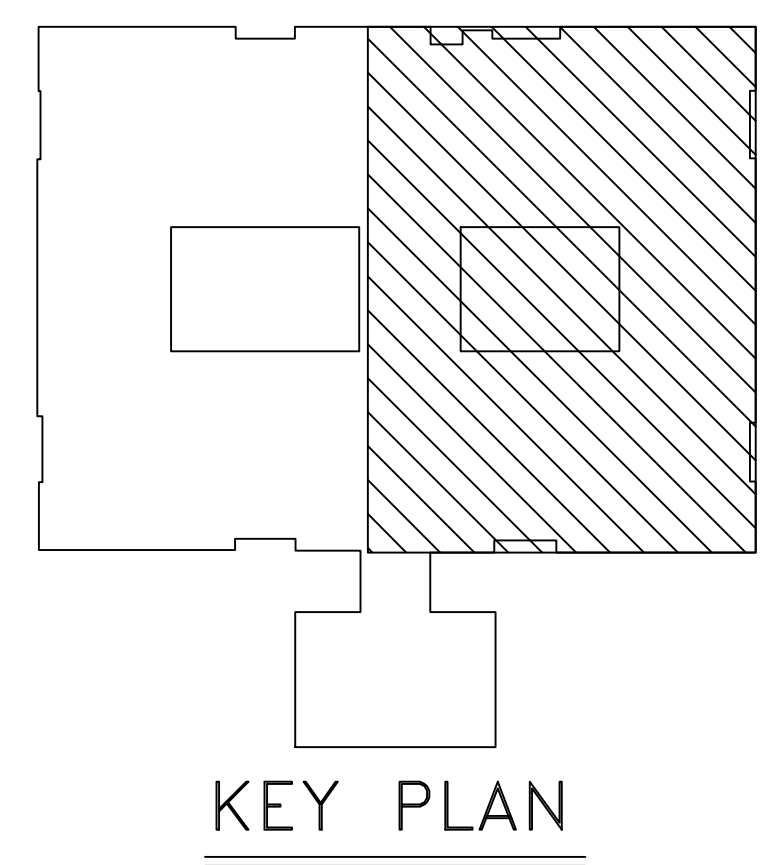
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A
three inches = one foot
1
one and one half inches = one foot
2
one inch = one foot
3
three quarters inch = one foot
4
one half inch = one foot
5
one quarter inch = one foot
6
one eighth inch = one foot
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one eighth inch = one foot
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one eighth inch = one foot
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one eighth inch = one foot
16
one eighth inch = one foot







LEGEND

- [White Box] LIGHT HAZARD
- [Cross-hatch Box] ORDINARY HAZARD GROUP 1
- [Horizontal Lines Box] ORDINARY HAZARD GROUP 2
- [Diagonal Lines Box] AREA NOT IN CONTRACT
- [Dashed Line] SMOKE AREA BOUNDARY



AREA HAZARD CLASSIFICATION PLAN
SCALE: 1/8"=1'-0"

FINAL DESIGN
APPROVED FOR CONSTRUCTION

		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		<div>Office of Construction and Facilities Management</div> <div> Department of Veterans Affairs</div>			
		<div><div>NEPTUNE FIRE PROTECTION ENGINEERING LLC 808 Stephen P. Kowkanyan FI License #61295 Certificate of Authorization # 26520 60 Ocean Boulevard, Ste 15 Atlantic Beach, FL 32233 904 652 4200 PHONE</div></div>		<div><div>STEPHEN P. KOWKANYAN LICENSE No 61295 STATE OF FLORIDA PROFESSIONAL ENGINEER</div></div>		<div><div>AKEA Design, Inc. 3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 COA: FL #29578 AKEA Project No. 110-15</div></div>		AREA HAZARD CLASSIFICATION PLAN		RENOVATE 3AB FOR GASTROENTEROLOGY AND PULMONARY				573-15-102	
						Approved: Project Director		Location GAINESVILLE, FLORIDA		Building Number 1					
								Date JULY 15, 2016		Checked SFK				Drawing Number FS-102	
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REV 1 - ADDENDUM 1		7/29/2016													
Revisions:		Date													