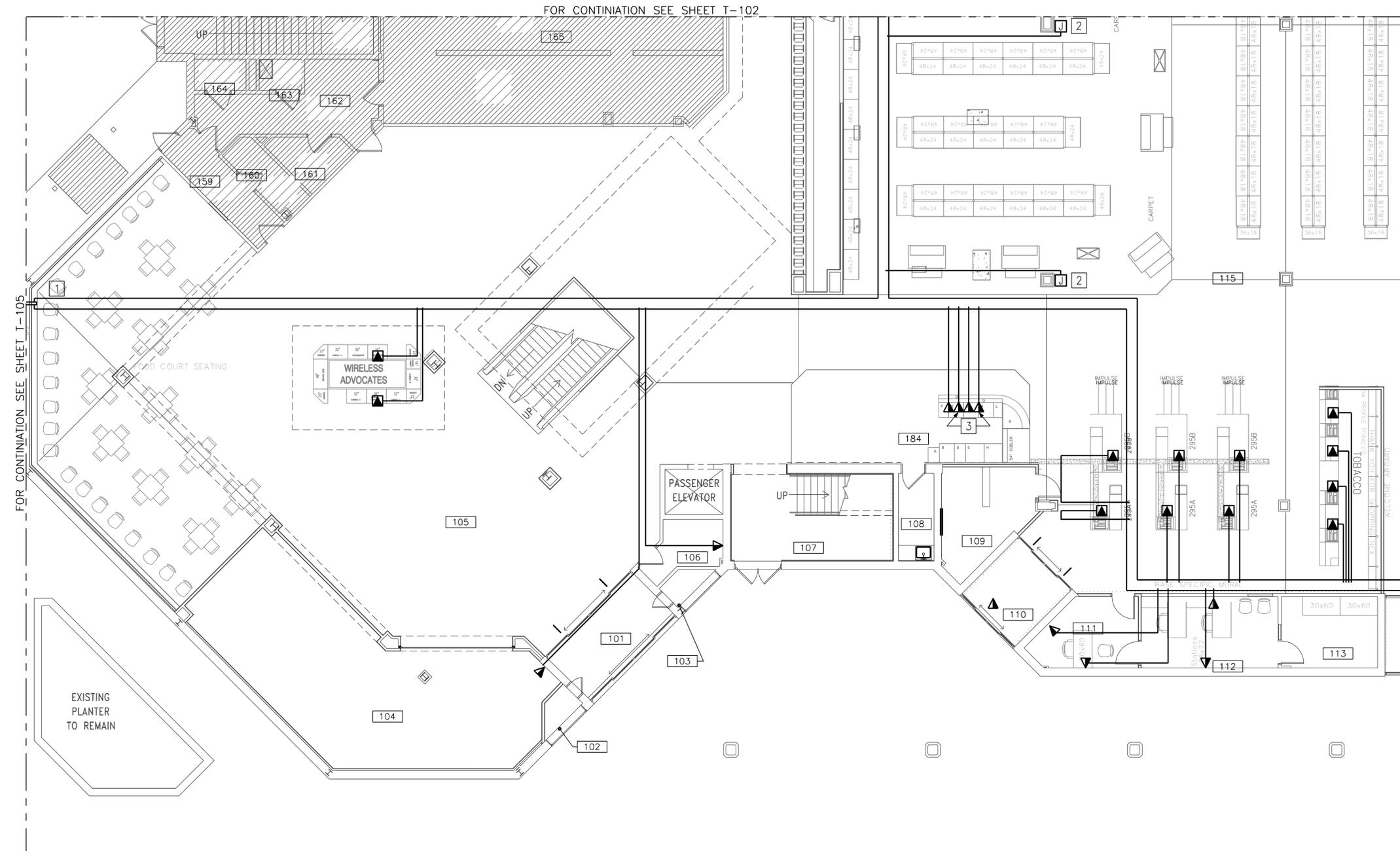


FILE NAME: G:\2012\12-032A NEX MAIN STORE - CT\NAVICATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:23pm USER: dlewsn

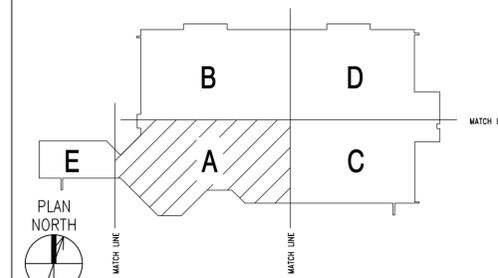


FIRST FLOOR - TELECOMMUNICATIONS PLAN - AREA 'A'
1/8" = 1'-0"

NEW WORK KEYNOTES (THIS SHEET ONLY)

1. PROVIDE TWO 4" SLEEVES. REFER TO TELECOMMUNICATIONS ROOM GROUNDING DIAGRAM NOTE 7 ON SHEET T-601 FOR METALLIC SLEEVE GROUNDING REQUIREMENTS.
2. PRICE CHECKER. PROVIDE JUNCTION BOX ON COLUMN 10' AFF, OUTLET WITH ONE RJ45 CATEGORY 6 JACK, 1-1/2"C TO JUNCTION BOX AND FROM JUNCTION BOX TO CABLE TRAY. PROVIDE CATEGORY 6 CABLE TO TELECOMMUNICATIONS ROOM 141.
3. PROVIDE COMBINATION WALL OUTLET WITH BLUE CAT 6 DATA CABLE ONLY.

KEY PLAN

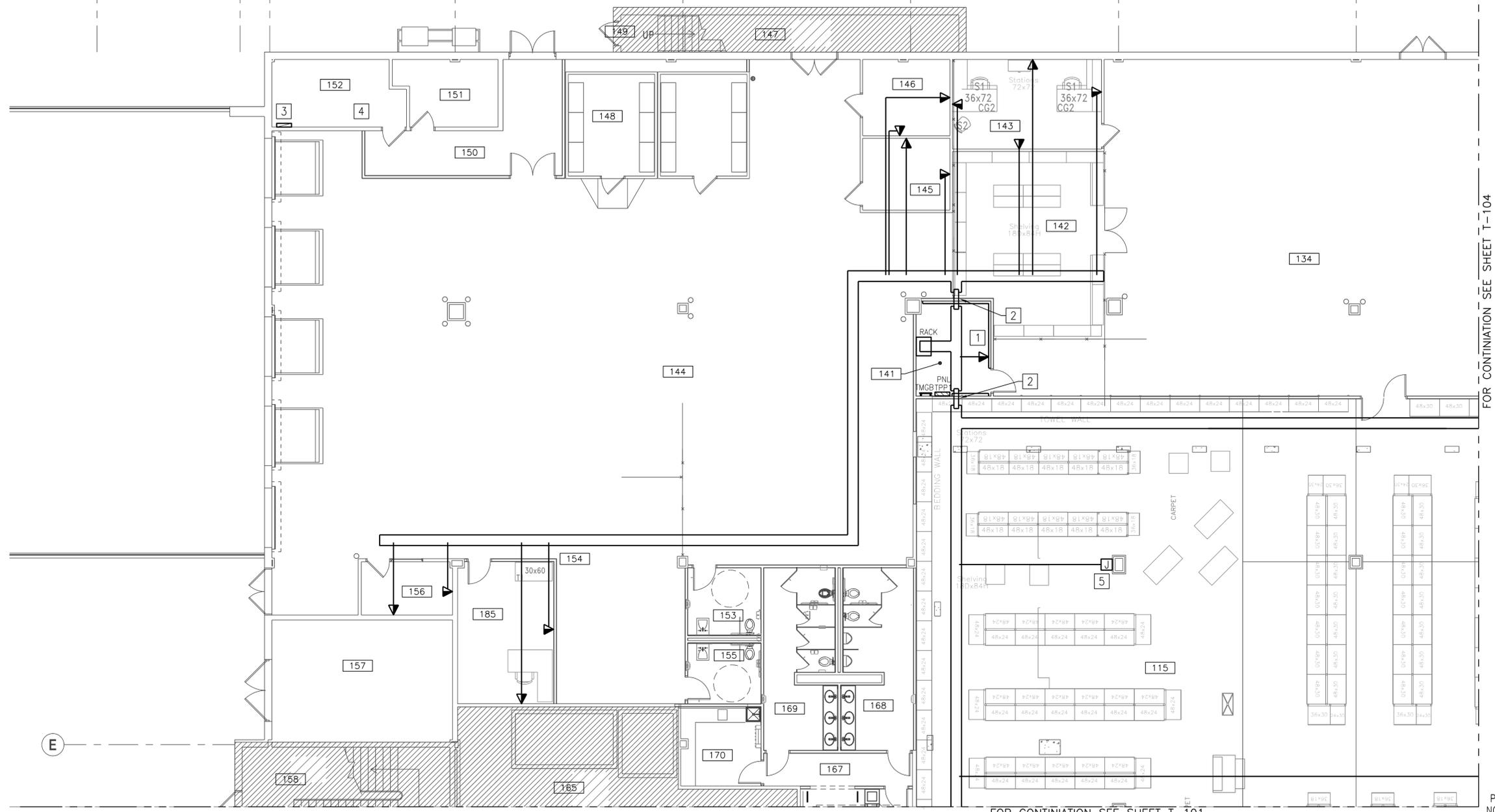


SCALE: 1/8" = 1'-0"

Bicsi
PAMELA A. POE
REG. NO. 161345R
EXPIRES 12-31-16
5-29-14
P.A.P.
SIGNATURE

SYMBOL	DESCRIPTION	DATE	APPROVED
APPROVED			
FOR COMMANDER NAVFAC			
ACTIVITY			
CDR MARC BERNATH NEXCOM - FACILITIES DIVISION			
SATISFACTORY TO DATE 07 JUL 2014			
DES BAS DRW DJL CHK SGR			
PW/DM RDS/PJB			
BRANCH MANAGER			
CHIEF ENG/ARCH DWG			
FIRE PROTECTION			
NAVAL FACILITIES ENGINEERING COMMAND NAVAL STATION - NORFOLK, VIRGINIA GROTON, CT SUBBASE NEW LONDON BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION FIRST FLOOR - TELECOMMUNICATIONS PLAN - AREA 'A'			
DEPARTMENT OF THE NAVY			
NAVFAC DRAWING NO. 12667878			
SHEET 234 OF 248			
T-101			

FILE NAME: G:\2012\12-032A NEX MAIN STORE - CT\NAVIGATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:23pm USER: dlewsom



FIRST FLOOR - TELECOMMUNICATIONS PLAN - AREA 'B'

1/8" = 1'-0"

FOR CONTINUATION SEE SHEET T-104

FOR CONTINUATION SEE SHEET T-101

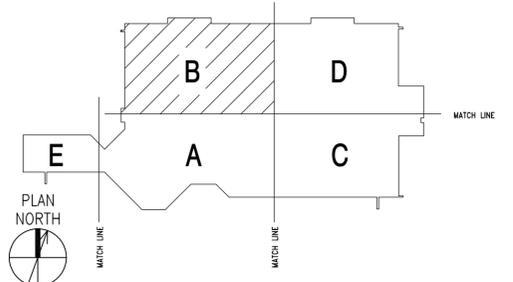
NEW WORK KEYNOTES (THIS SHEET ONLY)

1. PROVIDE DATA RACK AND TELEPHONE BACKBOARD. SEE TYPICAL BUILDING COMMUNICATION (POP) ROOM SPECIFICATIONS PARAGRAPH 1.2.1 ON SHEET T-001 FOR BACKBOARD REQUIREMENTS. PROVIDE 12 STRAND MULTIMODE FIBER OPTIC CABLE TO 2nd FLOOR IT ROOM. SEE DATA/VOICE RISER DIAGRAM - DEMOLITION AND NEW WORK ON SHEET E-601 FOR MORE INFORMATION.
2. PROVIDE FOUR 4" SLEEVES.
3. PROVIDE 100 PAIR COPPER CABLE FROM MAIN TELEPHONE BACKBOARD TO NEW IT ROOM TELEPHONE BACKBOARD AND TERMINATE ON 110 BLOCKS. SEE DATA/VOICE RISER DIAGRAM - DEMOLITION AND NEW WORK ON SHEET E-601 AND FIRST FLOOR TELECOMMUNICATIONS SYSTEM RISER DIAGRAM ON SHEET E-602. EXISTING 100 PAIR COPPER CABLE TO SECOND FLOOR IT ROOM SHALL REMAIN.
4. PROVIDE 2" EMT CONDUIT WITH PULL STRING TO TELECOMMUNICATIONS ROOM.

5. PRICE CHECKER. PROVIDE JUNCTION BOX ON COLUMN 10' AFF, OUTLET WITH ONE RJ45 CATEGORY 6 JACK, 1-1/2" C TO JUNCTION BOX AND FROM JUNCTION BOX TO CABLE TRAY. PROVIDE CATEGORY 6 CABLE TO TELECOMMUNICATIONS ROOM 141.



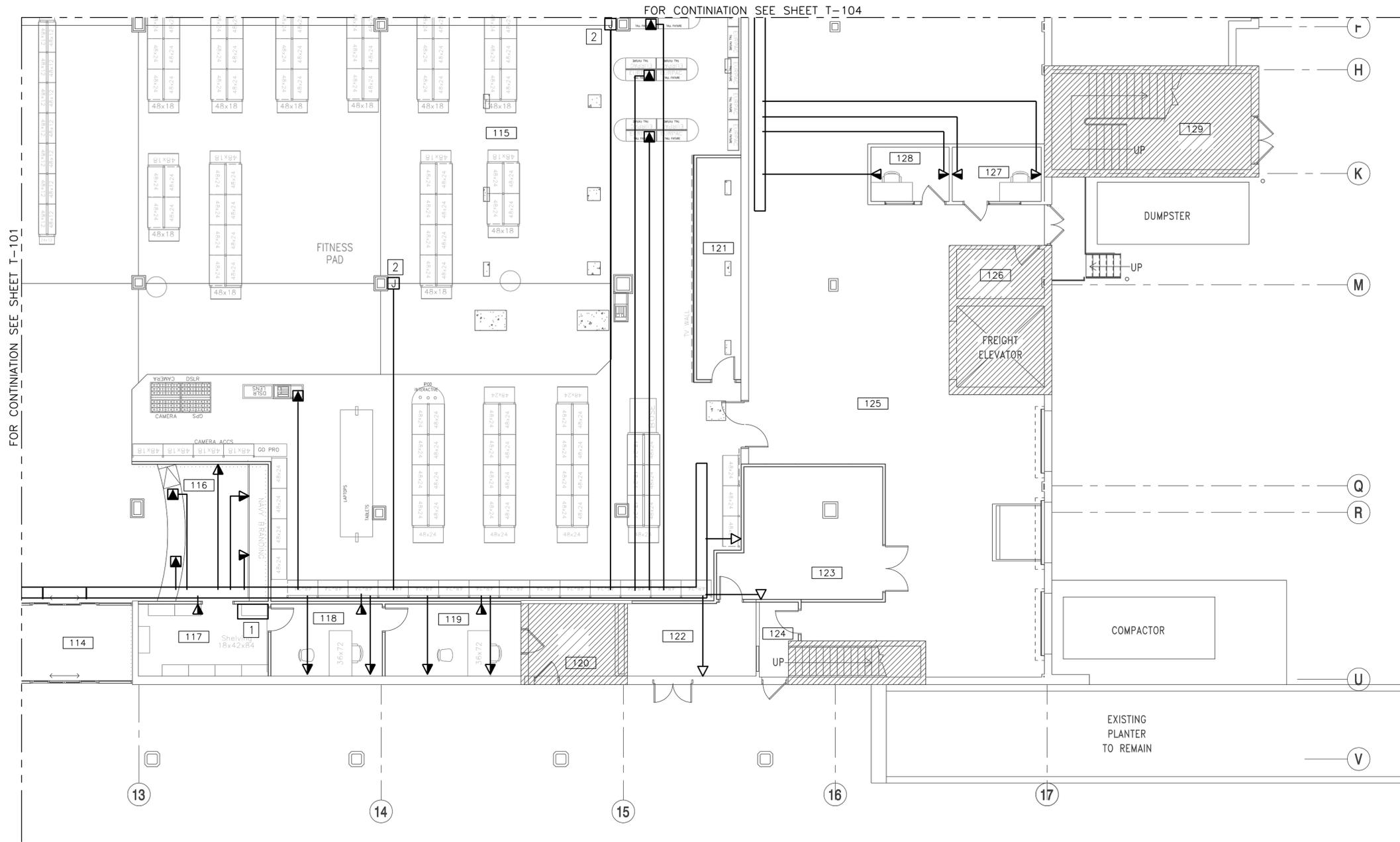
KEY PLAN



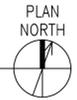
SCALE: 1/8" = 1'-0"

APPR	DATE	SYN	DESCRIPTION
			
			
			
APPROVED			
FOR COMMANDER NAVFAC			
ACTIVITY			
CDR MARC BERNATH			
NEXCOM - FACILITIES DIVISION			
SATISFACTORY TO DATE 07 JUL 2014			
DES BAS DRW DJL CHK SGR			
PW/DM RDS/PJB			
BRANCH MANAGER			
CHIEF ENG/ARCH DWG			
FIRE PROTECTION			
NAVAL FACILITIES ENGINEERING COMMAND			
NAVAL STATION - NORFOLK, VIRGINIA			
GROTON, CT			
SUBASE NEW LONDON			
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION			
FIRST FLOOR - TELECOMMUNICATIONS PLAN - AREA 'B'			
SCALE:	GRAPHIC		
PROJECT NO.	1305708		
CONSTR. CONTR. NO.	N40085-14-C-5203		
NAVFAC DRAWING NO.	12667879		
SHEET	235	OF	248
T-102			

FILE NAME: G:\2012\12-032A NEX MAIN STORE - CT\NAVICATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:23pm USER: dlewsen



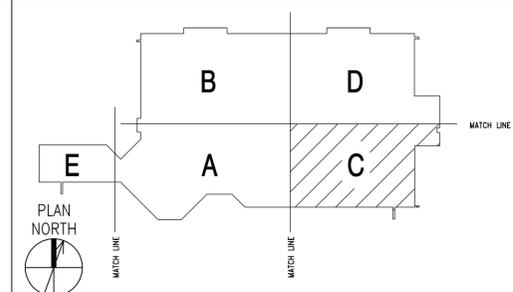
FIRST FLOOR - TELECOMMUNICATIONS PLAN - AREA 'C'
1/8" = 1'-0"



NEW WORK KEYNOTES (THIS SHEET ONLY)

1. RELOCATED AUDIO MUSIC EQUIPMENT. SEE AUDIO MUSIC RISER DIAGRAM ON SHEET T-601.
2. PRICE CHECKER. PROVIDE JUNCTION BOX ON COLUMN 10' AFF, OUTLET WITH ONE RJ45 CATEGORY 6 JACK, 1-1/2" TO JUNCTION BOX AND FROM JUNCTION BOX TO CABLE TRAY. PROVIDE CATEGORY 6 CABLE TO TELECOMMUNICATIONS ROOM 141.

KEY PLAN

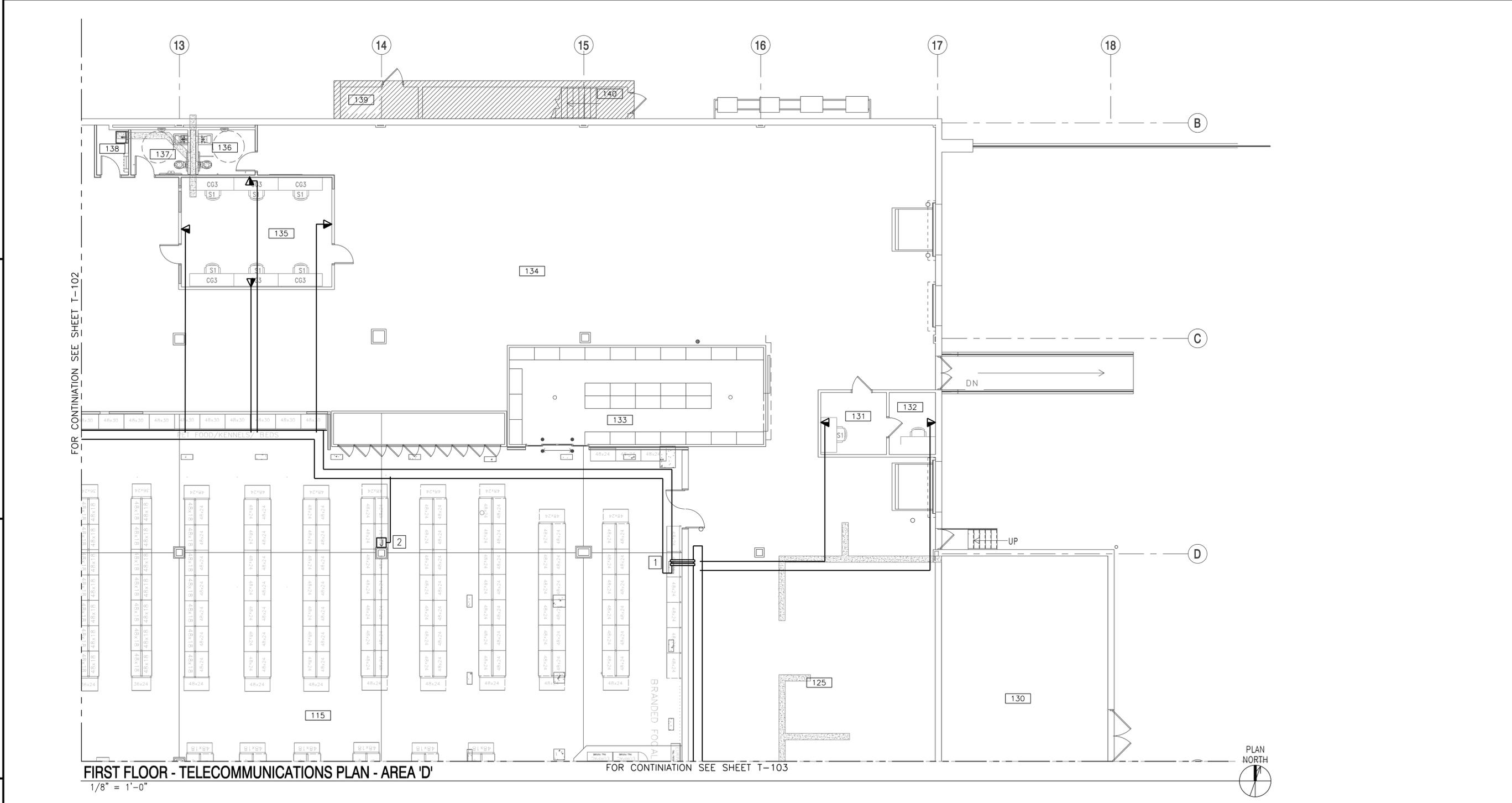


SCALE: 1/8" = 1'-0"
0 4' 8' 16'



APPR		DATE	
SYN	DESCRIPTION		
APPROVED			
FOR COMMANDER NAVFAC			
ACTIVITY			
CDR MARC BERNATH NEXCOM - FACILITIES DIVISION			
SATISFACTORY TO DATE 07 JUL 2014			
DES BAS DRW DJL CHK SGR			
PW/DW RDS/PJB			
BRANCH MANAGER			
CHIEF ENG/ARCH DWG			
FIRE PROTECTION			
NAVAL FACILITIES ENGINEERING COMMAND			
NAVAL STATION - NORFOLK, VIRGINIA			
GROTON, CT			
SUBBASE NEW LONDON			
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION			
FIRST FLOOR - TELECOMMUNICATIONS PLAN - AREA 'C'			
SCALE:	GRAPHIC		
EPROJCT NO.	1305708		
CONSTR. CONTR. NO.	N40085-14-C-5203		
NAVFAC DRAWING NO.	12667880		
SHEET	236	OF	248
T-103			

FILE NAME: G:\2012\12-032A NEX MAIN STORE - CT\NAVICATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:23pm USER: dlewsen

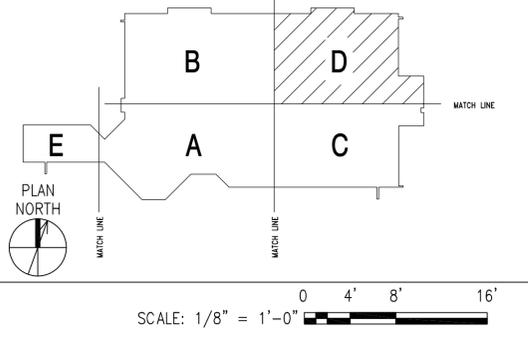


FIRST FLOOR - TELECOMMUNICATIONS PLAN - AREA 'D'
 1/8" = 1'-0"
 FOR CONTINUATION SEE SHEET T-102 (left side)
 FOR CONTINUATION SEE SHEET T-103 (right side)

NEW WORK KEYNOTES (THIS SHEET ONLY)

1. PROVIDE TWO 4" SLEEVES. REFER TO TELECOMMUNICATIONS ROOM GROUNDING DIAGRAM NOTE 7 ON SHEET T-601 FOR METALLIC SLEEVE GROUNDING REQUIREMENTS.
2. PRICE CHECKER. PROVIDE JUNCTION BOX ON COLUMN 10' AFF, OUTLET WITH ONE RJ45 CATEGORY 6 JACK, 1-1/2"C TO JUNCTION BOX AND FROM JUNCTION BOX TO CABLE TRAY. PROVIDE CATEGORY 6 CABLE TO TELECOMMUNICATIONS ROOM 141.

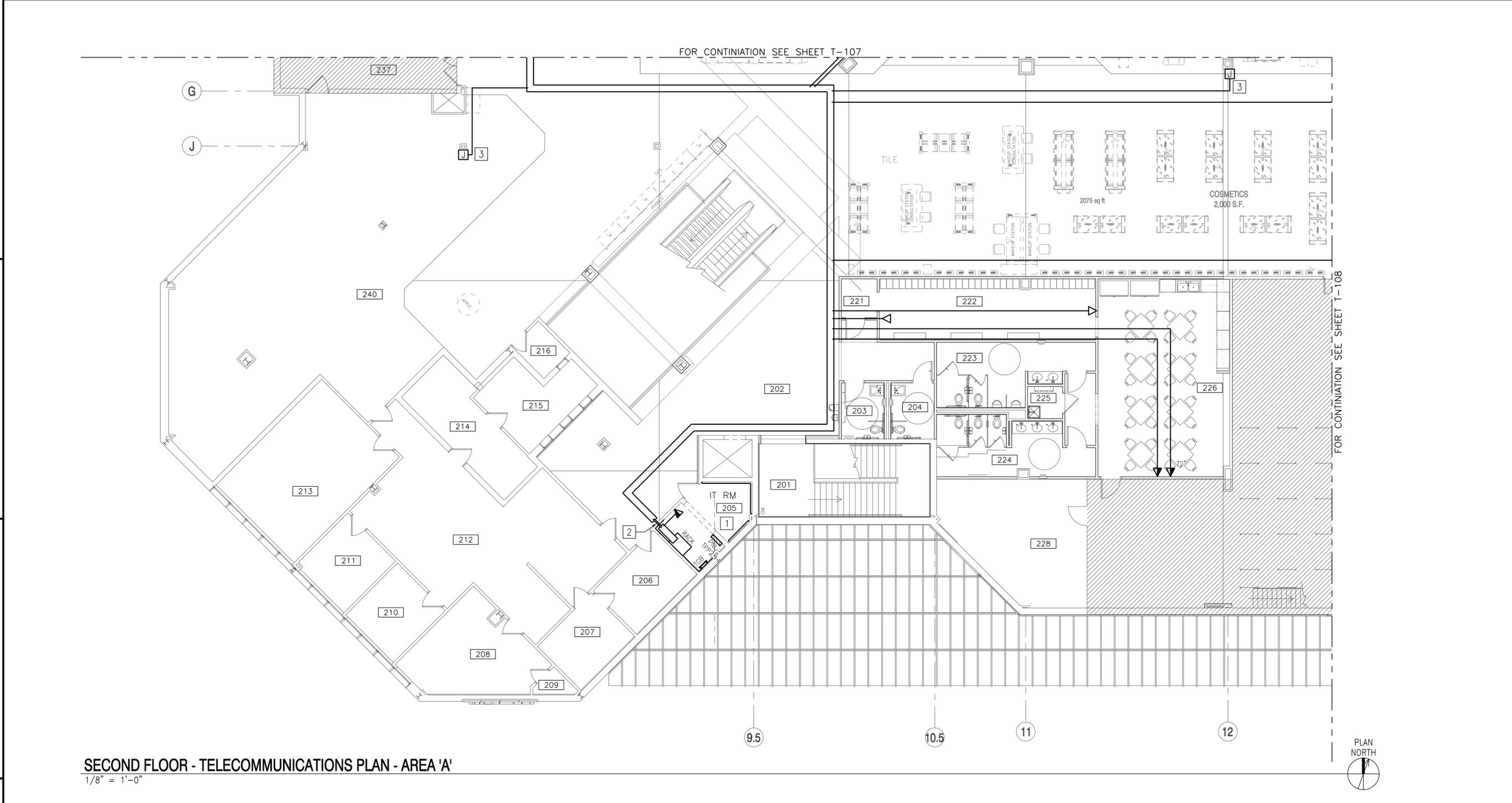
KEY PLAN



BicSI
 REGISTERED COMMUNICATIONS DISTRIBUTION
 PAMELA A. POE
 REG. NO. 161345R
 EXP. 12-31-16
 5-29-14
 RCD
 Signature: Pamela A. Poe

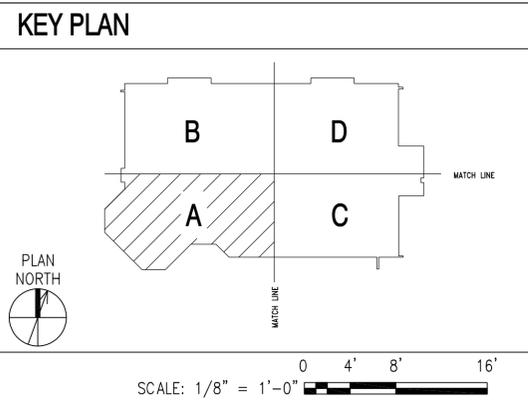
APPR	
DATE	
SYN	DESCRIPTION
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	CDR MARC BERNATH
	NEXCOM - FACILITIES DIVISION
SATISFACTORY TO	DATE 07 JUL 2014
DES BAS	DRW DJL CHK SGR
PM/DW	RDS/PJB
BRANCH MANAGER	
CHIEF ENG/ARCH	DWG
FIRE PROTECTION	
NAVAL FACILITIES ENGINEERING COMMAND	GROTON, CT
NAVAL STATION - NORFOLK, VIRGINIA	
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION	
SUBBASE NEW LONDON	
FIRST FLOOR - TELECOMMUNICATIONS PLAN - AREA 'D'	
SCALE:	GRAPHIC
EPROJCT NO.	1305708
CONSTR. CONTR. NO.	N40085-14-C-5203
NAVFAC DRAWING NO.	12667881
SHEET	237 OF 248
T-104	

FILE NAME: G:\2012\12-032A NEX MAIN STORE - CT\NAVIGATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:24pm USER: dlewsen



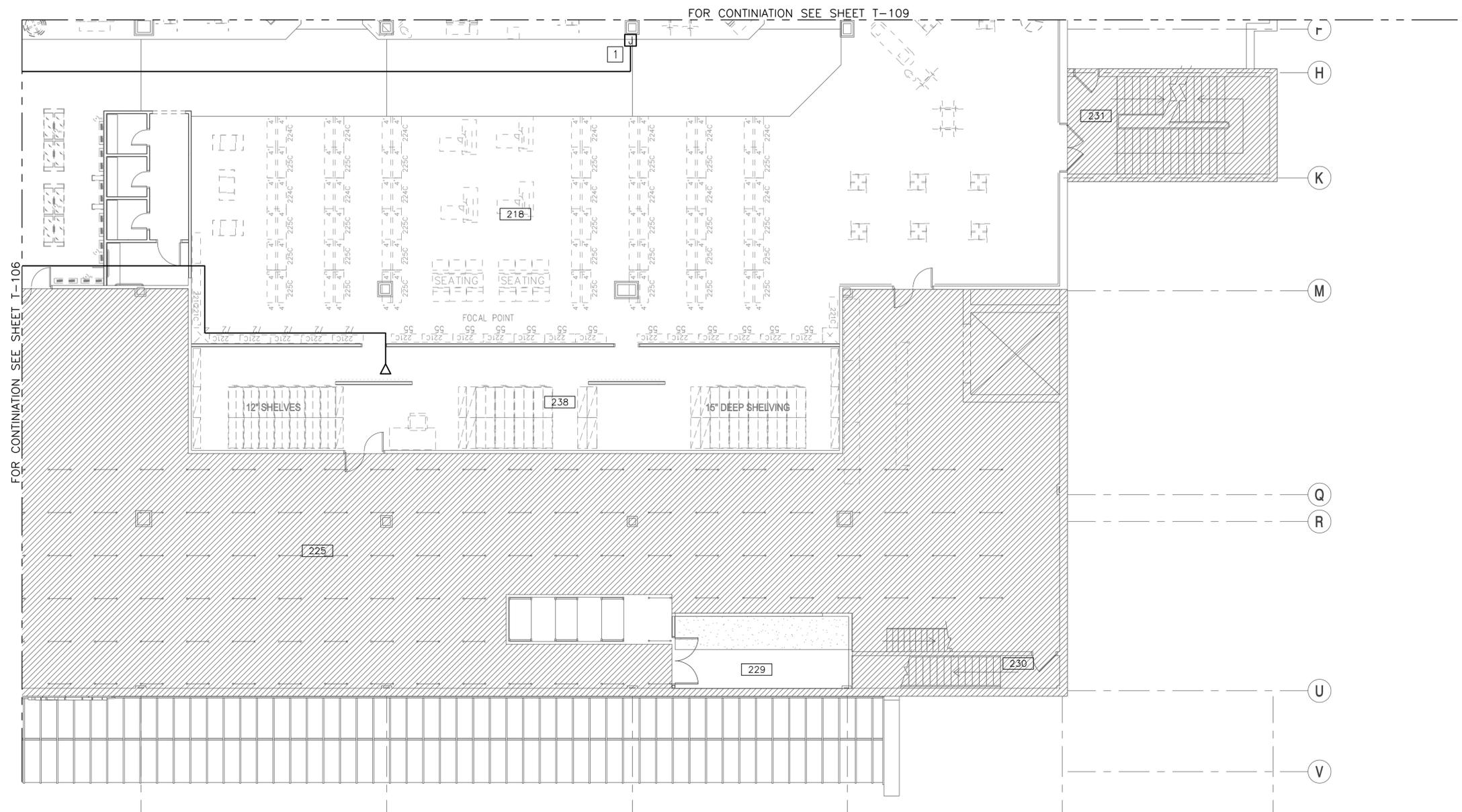
SECOND FLOOR - TELECOMMUNICATIONS PLAN - AREA 'A'
 1/8" = 1'-0"

- # NEW WORK KEYNOTES (THIS SHEET ONLY)**
1. INSTALL RELOCATED DATA RACK AND PROVIDE TELEPHONE BACKBOARD. SEE TYPICAL BUILDING COMMUNICATION (POP) ROOM SPECIFICATIONS PARAGRAPH 1.2.1 ON SHEET T-001 FOR BACKBOARD REQUIREMENTS. REUSE EXISTING 100 PAIR COPPER CABLE FROM MAIN TELEPHONE BACKBOARD LOCATED IN EXISTING FIRST FLOOR SWITCHGEAR ROOM AND TERMINATE ON 110 BLOCKS. TERMINATE 12 STRAND MULTIMODE FIBER OPTIC CABLE WHICH INTERCONNECTED FIRST AND SECOND FLOOR IT ROOMS IN DATA RACK.
 2. PROVIDE FOUR 4" SLEEVES.
 3. PRICE CHECKER. PROVIDE JUNCTION BOX ON COLUMN 10' AFF, OUTLET WITH ONE RJ45 CATEGORY 6 JACK, 1-1/2"C TO JUNCTION BOX AND FROM JUNCTION BOX TO CABLE TRAY. PROVIDE CATEGORY 6 CABLE TO TELECOMMUNICATIONS ROOM 205.



APPR	
DATE	
SYN	DESCRIPTION
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	CDR MARC BERNATH NEXCOM - FACILITIES DIVISION
SATISFACTORY TO	DATE 07 JUL 2014
DES	BAS DRW DJL CHK SGR
PM/DW	RDS/PJB
BRANCH MANAGER	
CHIEF ENG/ARCH	DWG
FIRE PROTECTION	
NAVAL FACILITIES ENGINEERING COMMAND	GROTON, CT
NAVAL FACILITIES ENGINEERING COMMAND	NAVAL STATION - NORFOLK, VIRGINIA
DEPARTMENT OF THE NAVY	SUBBASE NEW LONDON
NE IPT	BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION
	SECOND FLOOR - TELECOMMUNICATIONS PLAN - AREA 'A'
SCALE:	GRAPHIC
PROJECT NO.	1305708
CONSTR. CONTR. NO.	N40085-14-C-5203
NAVFAC DRAWING NO.	12667883
SHEET	239 OF 248
T-106	

FILE NAME: G:\2012\12-032A NEX MAIN STORE - CT\NAVICATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:24pm USER: dlewsen



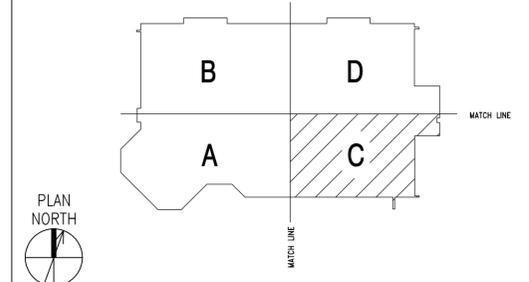
SECOND FLOOR - TELECOMMUNICATIONS PLAN - AREA 'C'
 1/8" = 1'-0"



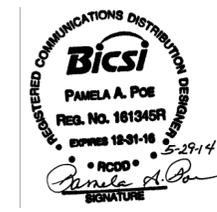
NEW WORK KEYNOTES (THIS SHEET ONLY)

1. PRICE CHECKER. PROVIDE JUNCTION BOX ON COLUMN 10' AFF, OUTLET WITH ONE RJ45 CATEGORY 6 JACK, 1-1/2"C TO JUNCTION BOX AND FROM JUNCTION BOX TO CABLE TRAY. PROVIDE CATEGORY 6 CABLE TO TELECOMMUNICATIONS ROOM 205.

KEY PLAN

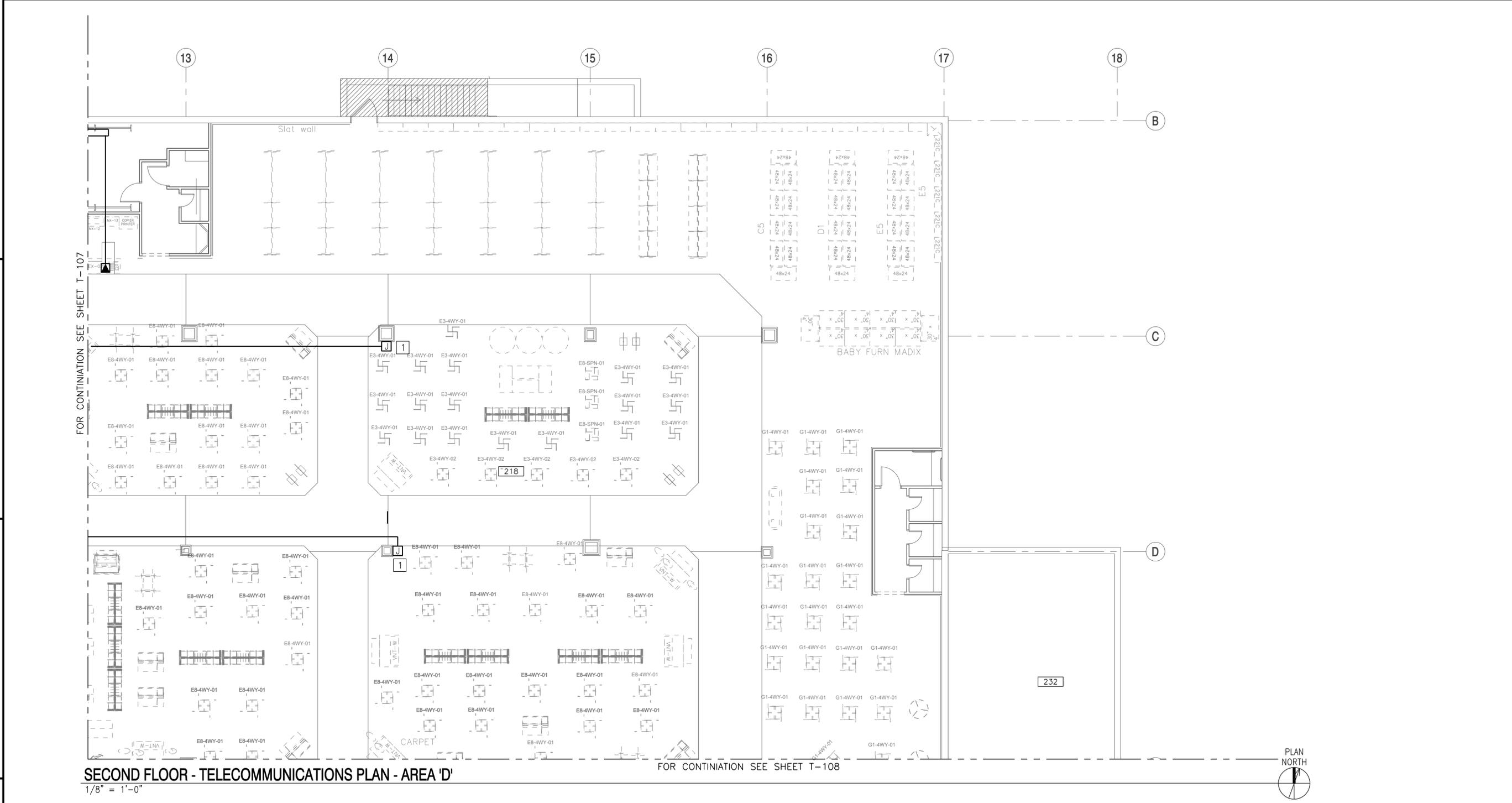


SCALE: 1/8" = 1'-0"
 0 4' 8' 16'



APPR	
DATE	
SYN	DESCRIPTION
  	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	CDR MARC BERNATH NEXCOM - FACILITIES DIVISION
SATISFACTORY TO DATE	07 JUL 2014
DES	BAS DRW: JLL CHK: SGR
PM/DM	RDS/PJB
BRANCH MANAGER	
CHIEF ENG/ARCH	DWG
FIRE PROTECTION	
NAVAL FACILITIES ENGINEERING COMMAND	NAVAL STATION - NORFOLK, VIRGINIA
NAVAL FACILITIES ENGINEERING COMMAND	GROTON, CT
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION	
SECOND FLOOR - TELECOMMUNICATIONS PLAN - AREA 'C'	
SCALE:	GRAPHIC
EPROJCT NO.	1305708
CONSTR. CONTR. NO.	N40085-14-C-5203
NAVFAC DRAWING NO.	12667885
SHEET	241 OF 248
T-108	

FILE NAME: G:\2012\12-032A NEX MAIN STORE - CT\NAVICATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:24pm USER: dlewsen

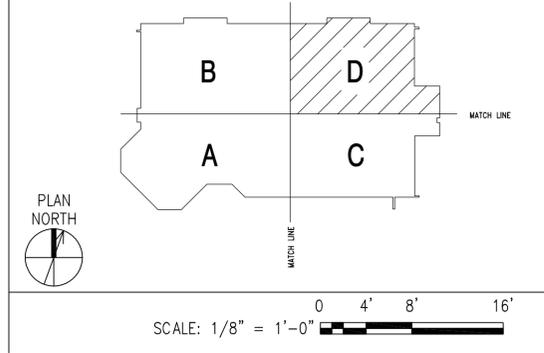


SECOND FLOOR - TELECOMMUNICATIONS PLAN - AREA 'D'
1/8" = 1'-0"

NEW WORK KEYNOTES (THIS SHEET ONLY)

1. PRICE CHECKER. PROVIDE JUNCTION BOX ON COLUMN 10' AFF, OUTLET WITH ONE RJ45 CATEGORY 6 JACK, 1-1/2"C TO JUNCTION BOX AND FROM JUNCTION BOX TO CABLE TRAY. PROVIDE CATEGORY 6 CABLE TO TELECOMMUNICATIONS ROOM 205.

KEY PLAN



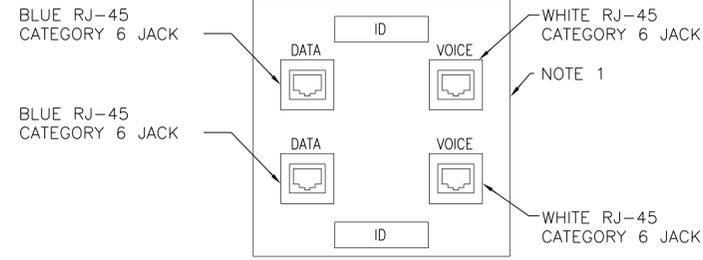
Bicsi
REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
PAMELA A. POE
REG. NO. 161345R
EXP. 12-31-16
5-29-14
• PCDD •
PAMELA A. POE
SIGNATURE

APPR	
DATE	
SYN	DESCRIPTION
  	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	CDR MARC BERNATH NEXCOM - FACILITIES DIVISION
SATISFACTORY TO DATE	07 JUL 2014
DES	BAS drw:JUL chk: SGR
PM/DM	RDS/PJB
BRANCH MANAGER	
CHIEF ENG/ARCH	DWG
FIRE PROTECTION	
NAVAL FACILITIES ENGINEERING COMMAND	GROTON, CT
NAVAL STATION - NORFOLK, VIRGINIA	
DEPARTMENT OF THE NAVY	
NAVAL FACILITIES ENGINEERING COMMAND	
NE IPT	
SUBASE NEW LONDON	
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION	
SECOND FLOOR - TELECOMMUNICATIONS PLAN - AREA 'D'	
SCALE:	GRAPHIC
PROJECT NO.	1305708
CONSTR. CONTR. NO.	N40085-14-C-5203
NAVFAC DRAWING NO.	12667886
SHEET	242 OF 248
T-109	

1-1/2" EMT CONDUIT FROM FLUSH FLOOR BOX. RUN CONDUIT TO NEAREST COLUMN/WALL AND TURN UP TO ABOVE CEILING AND OVER TO CABLE TRAY WITH SWIPE BEND AT TRAY DIRECTION TO TELECOMMUNICATIONS ROOM. PROVIDE FOUR COLORED (2-WHITE AND 2-BLUE) 4-PAIR CATEGORY 6 CABLES TERMINATED ON COLORED RJ-45 JACKS. JACKS SHALL BE COLORED TO MATCH THE CABLE (NOTE 2)

NOTES:

1. CONCRETE TIGHT BOX WITH TELECOMMUNICATION OUTLET CONSISTS OF FLUSH ALUMINUM OR STAINLESS STEEL HOUSING WITH 3/4" TOP OPENING AND GASKET FOR WATERTIGHT INSTALLATION.
2. CONTRACTOR SHALL PULL WIRES. GOVERNMENT WILL CONNECT WIRES TO OUTLETS.



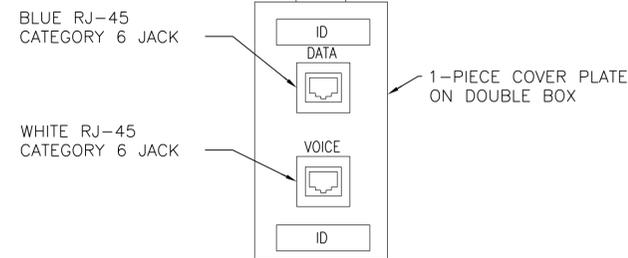
TYPICAL FLUSH FLOOR TELE/DATA OUTLET (▲)

NO SCALE

1-1/2" EMT CONDUIT FROM JUNCTION BOX TO ABOVE CEILING AND OVER TO CABLE TRAY WITH SWIPE BEND AT TRAY DIRECTION TO TELECOMMUNICATIONS ROOM. PROVIDE TWO COLORED (1-WHITE AND 1-BLUE) 4-PAIR CATEGORY 6 CABLES TERMINATED ON COLORED RJ-45 JACKS. JACKS SHALL BE COLORED TO MATCH THE CABLE (NOTE 2)

NOTES:

1. CONTRACTOR SHALL PULL WIRES. GOVERNMENT WILL CONNECT WIRES TO OUTLETS.
2. CONTRACTOR SHALL PULL WIRES. GOVERNMENT WILL CONNECT WIRES TO OUTLETS.



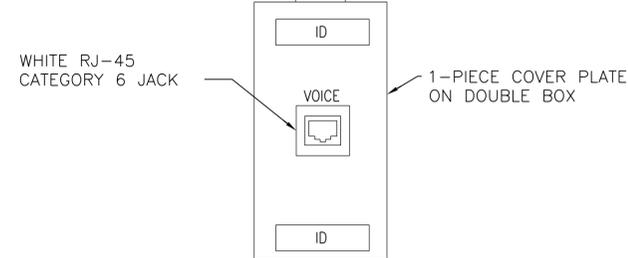
TYPICAL TELE/DATA OUTLET DETAIL (▼)

NO SCALE

1-1/2" EMT CONDUIT FROM JUNCTION BOX TO ABOVE CEILING AND OVER TO CABLE TRAY WITH SWIPE BEND AT TRAY DIRECTION TO TELECOMMUNICATIONS ROOM. PROVIDE ONE COLORED (1-WHITE) 4-PAIR CATEGORY 6 CABLE TERMINATED ON COLORED RJ-45 JACK. JACK SHALL BE COLORED TO MATCH THE CABLE (NOTE 2)

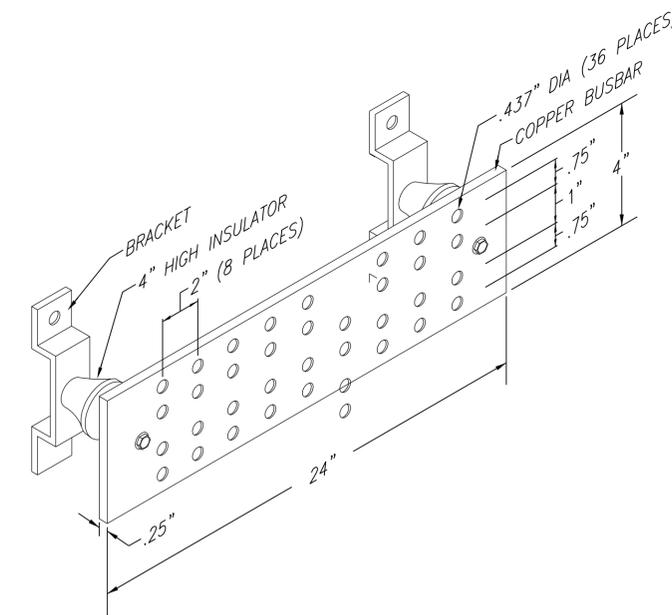
NOTES:

1. CONTRACTOR SHALL PULL WIRES. GOVERNMENT WILL CONNECT WIRES TO OUTLETS.
2. CONTRACTOR SHALL PULL WIRES. GOVERNMENT WILL CONNECT WIRES TO OUTLETS.



TYPICAL TELEPHONE OUTLET DETAIL (▼)

NO SCALE



NOTES:

1. BRACKETS AND ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
2. INSULATORS SHALL HAVE BIL 15 KV.

TYPICAL TELECOMMUNICATIONS MAIN GROUNDING BUSBAR DETAIL

NO SCALE

FILE NAME: G:\NAVIGATOR\NEX MAIN STORE - CT\NAVIGATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:25pm USER: dlewsen

SYN	DESCRIPTION	DATE	APPR



APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
CDR MARC BERNATH NEXCOM - FACILITIES DIVISION
SATISFACTORY TO DATE 07 JUL 2014
DES BAS DRW DJL CHK SGR
PM/DW RDS/PJB
BRANCH MANAGER
CHIEF ENG/ARCH DWG
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION - NORFOLK, VIRGINIA
GROTON, CT
SUBBASE NEW LONDON
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION
DETAILS



SCALE:	GRAPHIC
EPROJECT NO.	1305708
CONSTR. CONTR. NO.	N40085-14-C-5203
NAVFAC DRAWING NO.	12667887
SHEET	243 OF 248
T-501	

1

2

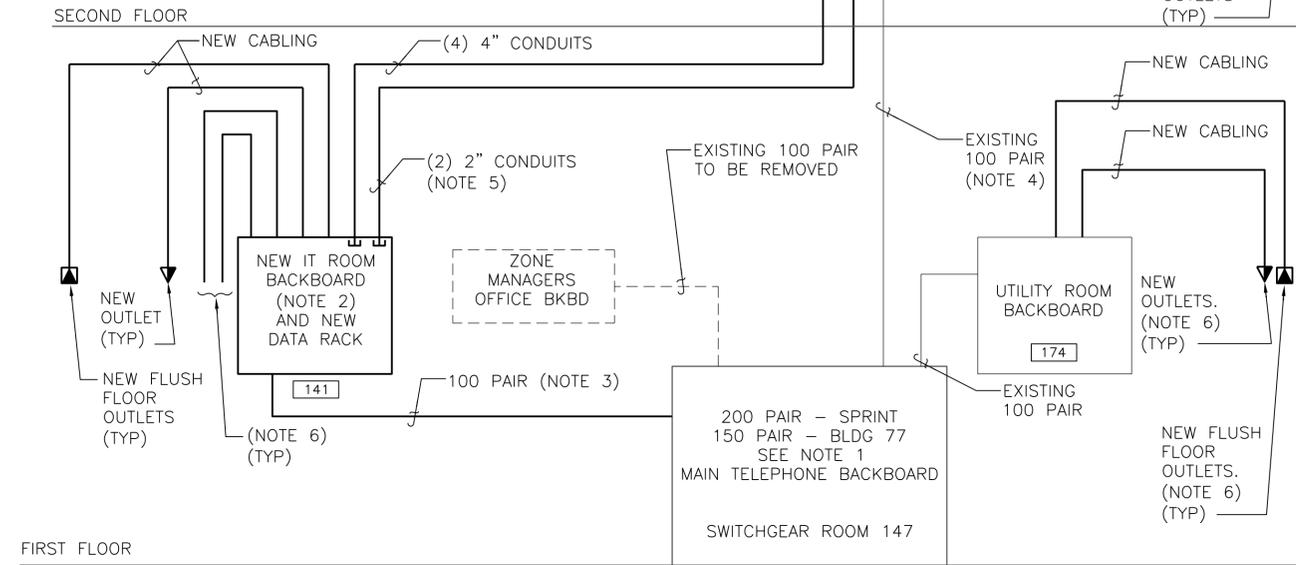
3

4

5

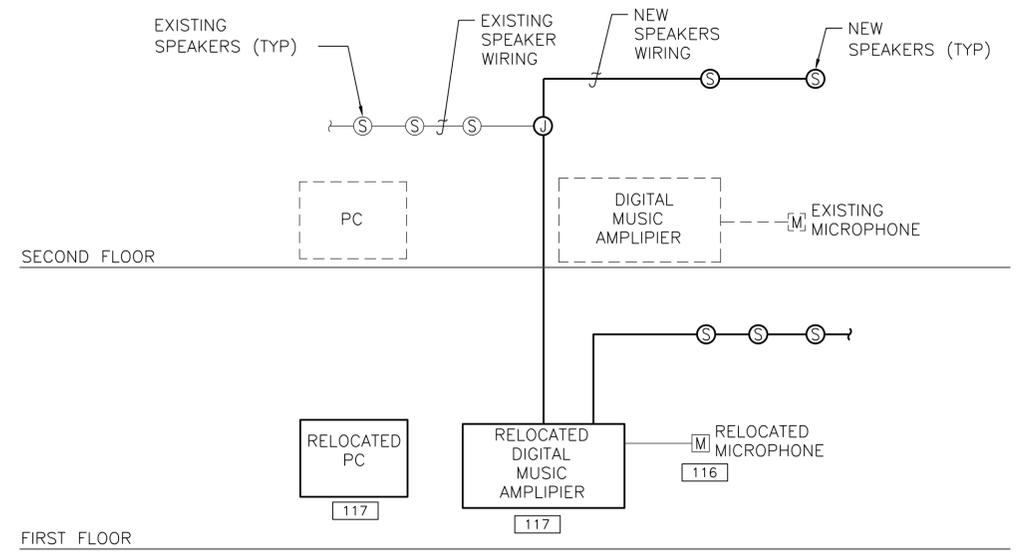
NOTES:

1. REMOVE EXISTING 100 PAIR CABLE FOR COMMISSARY BACK TO MAIN TELEPHONE BACKBOARD.
2. CROSSOVER CONNECTIONS WOULD BE PROVIDED BY GOVERNMENT.
3. PROVIDE TWO 4" EMT CONDUITS (ONE SPARE CONDUIT WITH PULL STRING) FOR 100 PAIR COPPER CABLE AND ONE 2" EMT SPARE CONDUIT WITH PULL STRING.
4. EXISTING CABLE SHALL BE REUSED AND TERMINATED ON NEW IT ROOM 110 BLOCKS.
5. PROVIDE TWO 2" EMT CONDUITS (ONE SPARE) FOR 12 STRAND MULTIMODE FO CABLE.
6. PROVIDE NEW DATA CABLING TO RM 169, 170, 171, 174, AND 175 OUTLETS. TELEPHONE CABLING SHALL BE PROVIDED FROM EXISTING UTILITY ROOM 173 TELEPHONE BACKBOARD.



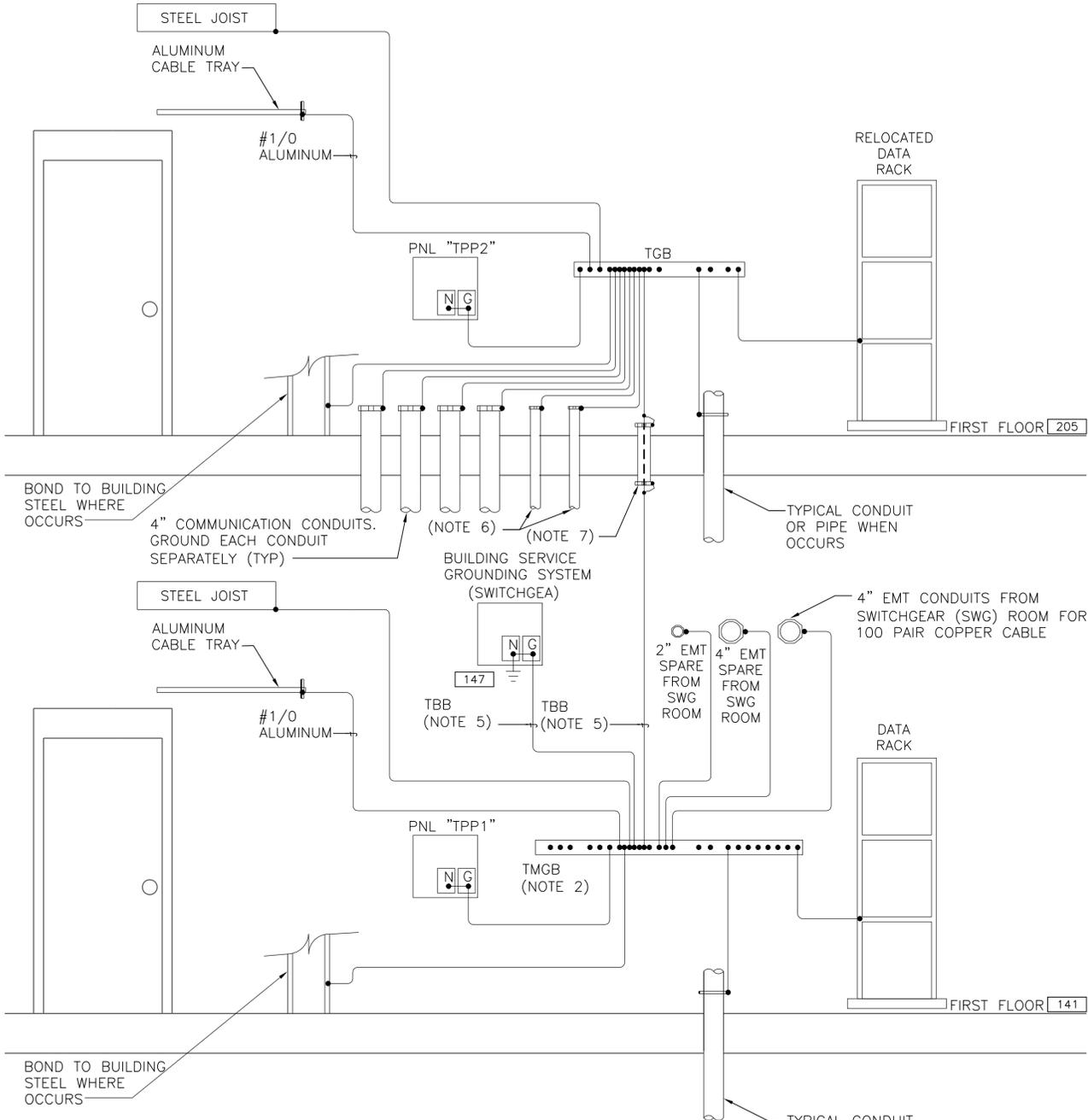
DATA/VOICE RISER DIAGRAM

NO SCALE



AUDIO MUSIC RISER DIAGRAM

NO SCALE



NOTES:

1. SEE "DATA/VOICE RISER DIAGRAM - DEMOLITION AND NEW WORK ON THIS SHEET AND TYPICAL BUILDING COMMUNICATION (POP) ROOM SPECIFICATIONS ON SHEET T-001.
2. SEE "TYPICAL TELECOMMUNICATIONS MAIN GROUNDING BUSBAR DETAIL", SHEET T-501, FOR INSTALLATION AND CONNECTIONS TO GROUND BAR.
3. PROVIDE #6 BARE COPPER GROUND FOR ALL TELECOMMUNICATIONS EQUIPMENT, UNLESS OTHERWISE NOTED.
4. PROVIDE EQUIPMENT GROUNDING CONDUCTORS FOR ALL POWER EQUIPMENT PER NEC.
5. TBB SIZED AT 2 kcmil PER LINEAR FOOT OF CONDUCTOR LENGTH. MIN SIZE IS #6 AND MAX SIZE IS #3/0.
6. 2" EMT CONDUIT FOR 12 STRAND MULTIMODE FO CABLE AND ONE SPARE CONDUIT.
7. EXAMPLE WITH GROUNDED METALLIC SLEEVE.

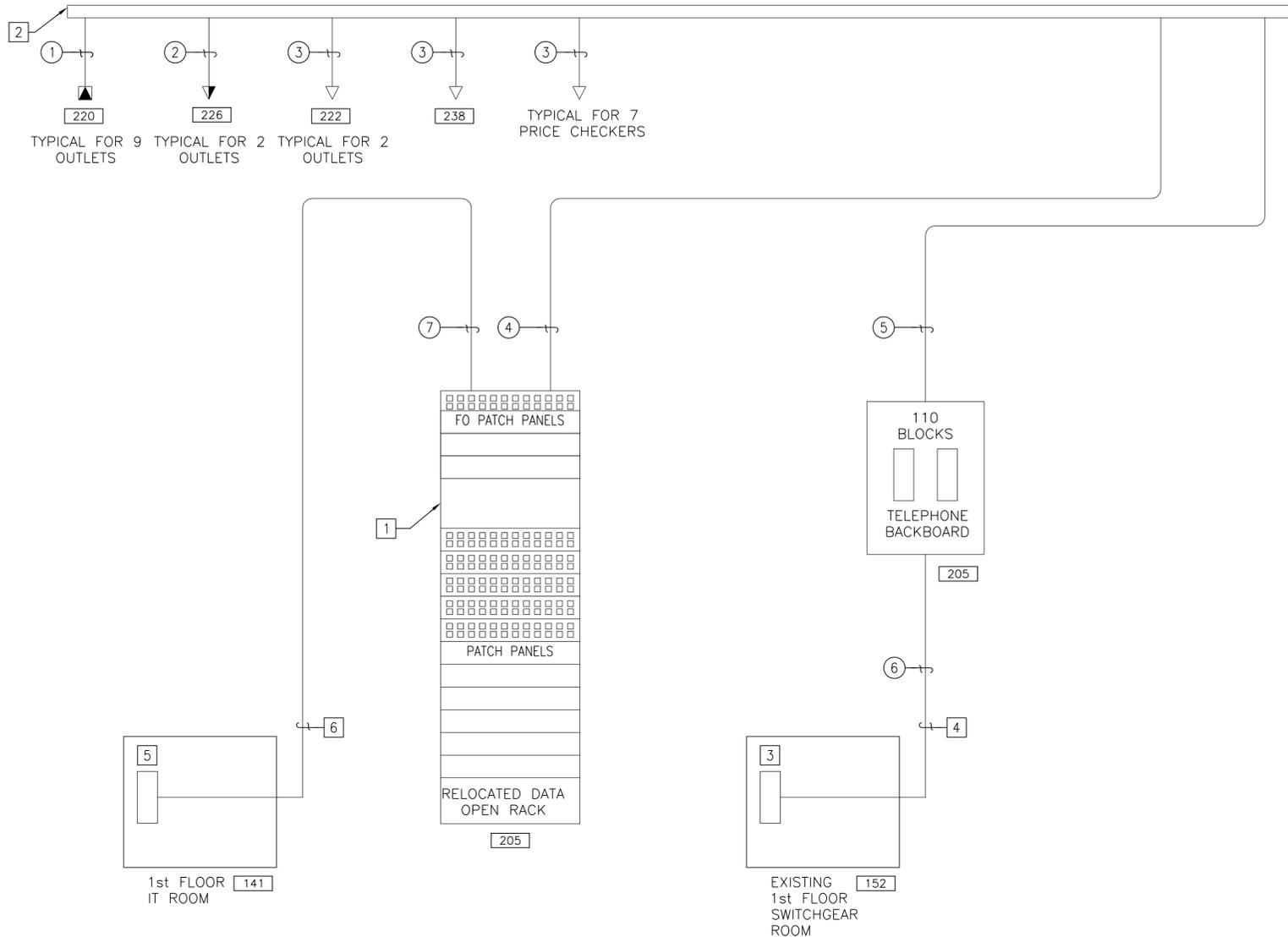
TELECOMMUNICATIONS ROOMS GROUNDING SCHEMATIC (NOTE 1, 3, AND 4)

NO SCALE

APPR	DATE	SYN	DESCRIPTION
APPROVED			
FOR COMMANDER NAVFAC			
ACTIVITY			
CDR MARC BERNATH			
NEXCOM - FACILITIES DIVISION			
SATISFACTORY TO DATE 07 JUL 2014			
DES BAS DRW DJL CHK SGR			
PW/DM RDS/PJB			
BRANCH MANAGER			
CHIEF ENG/ARCH DWG			
FIRE PROTECTION			
NAVAL FACILITIES ENGINEERING COMMAND			
NAVAL STATION - NORFOLK, VIRGINIA			
GROTON, CT			
SUBBASE NEW LONDON			
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION			
DIAGRAMS			
SCALE: GRAPHIC			
EPROJCT NO. 1305708			
CONSTR. CONTR. NO. N40085-14-C-5203			
NAVFAC DRAWING NO. 12667888			
SHEET 244 OF 248			
T-601			

FILE NAME: G:\2012\12-032A NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:25pm USER: dlewisn

FILE NAME: G:\2012\12-032A-NEX MAIN STORE - CT\NAVIGATOR\NEX MAIN STORE EXPANSION & RENOVATION\Sheets\ PLOTTED: Thursday, May 14, 2015 - 3:25pm USER: dlewsen



SECOND FLOOR TELECOMMUNICATIONS SYSTEM RISER DIAGRAM

NO SCALE

KEYNOTES (THIS SHEET ONLY)

- SERVICE FEED AND COMPUTER SWITCHES WILL BE INSTALLED IN THE DATA RACK BY THE GOVERNMENT.
- TELECOMMUNICATIONS CABLE TRAY.
- MAIN TELEPHONE BACKBOARD.
- EXISTING 100 PAIR COPPER CABLE.
- DATA OPEN RACK.
- 12 STRAND MULTIMODE FIBER OPTIC CABLE.

CABLE SCHEDULE

MARK	FROM	TO	CABLE	RACEWAY
①	TELECOMMUNICATIONS OUTLET	DATA RACK PATCH PANEL	(2) CATEGORY 6 BLUE CABLE	1-1/2" EMT CONDUITS TO ABOVE CEILING, AND OVER TO CABLE TRAY
		WALL MOUNT 110 BLOCKS	(2) CATEGORY 6 WHITE CABLE	
②	TELECOMMUNICATIONS OUTLET	DATA RACK PATCH PANEL	CATEGORY 6 BLUE CABLE	1-1/2" EMT CONDUITS TO ABOVE CEILING, AND OVER TO CABLE TRAY
		WALL MOUNT 110 BLOCKS	CATEGORY 6 WHITE CABLE	
③	TELEPHONE OUTLET	WALL MOUNT 110 BLOCKS	CATEGORY 6 WHITE CABLE	1-1/2" EMT CONDUITS TO ABOVE CEILING, AND OVER TO CABLE TRAY
④	CABLE RUNWAY	DATA RACK	(20) CATEGORY 6 BLUE CABLES	4" EMT CONDUIT FROM CABLE TRAY TO DATA RACK
⑤	CABLE RUNWAY	WALL MOUNT 110 BLOCKS	(30) CATEGORY 6 WHITE CABLES	4" EMT CONDUIT FROM CABLE TRAY TO WALL MOUNT 110 BLOCKS
⑥	MAIN TELEPHONE BACKBOARD	WALL MOUNT 110 BLOCKS	(100) CATEGORY 6 WHITE CABLES	4" EMT CONDUIT FROM MAIN TELEPHONE BACKBOARD TO WALL MOUNT 110 BLOCKS AND ONE SPARE 4" EMT CONDUIT.
⑦	1st FLOOR DATA OPEN RACK FO PATCH PANEL	DATA RACK FO PATCH PANEL	12 STRAND MULTIMODE FO CABLE	2" EMT CONDUIT FROM MAIN TELEPHONE BACKBOARD TO DATA OPEN RACK.

APPR	DATE	SYN	DESCRIPTION
APPROVED			
FOR COMMANDER NAVFAC			
ACTIVITY			
CDR MARC BERNATH NEXCOM - FACILITIES DIVISION			
SATISFACTORY TO DATE 07 JUL 2014			
DES BAS DRW DJL CHK SGR			
PW/DM RDS/PJB			
BRANCH MANAGER			
CHIEF ENG/ARCH DWG			
FIRE PROTECTION			
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL STATION - NORFOLK, VIRGINIA GROTON, CT SUBBASE NEW LONDON BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION TELECOMMUNICATION RISER DIAGRAM			
SCALE:	GRAPHIC		
EPROJECT NO.	1305708		
CONSTR. CONTR. NO.	N40085-14-C-5203		
NAVFAC DRAWING NO.	12667890		
SHEET	246	OF	248
PAMELA A. POE REG. NO. 161345R EXP. 10-01-16 5-28-14 RCD SIGNATURE			
T-603			