

GENERAL NOTES:

1. THIS SHEET SHALL READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.
2. DRAWINGS ARE BASED ON EXISTING BUILDING DOCUMENTS AND FIELD OBSERVATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
3. REFER TO T-001 AND E-002 FOR LEGEND, SYMBOLS, EXISTING CONDITIONS NOTES, AND DEMOLITION NOTES.
4. DEMOLITION: ITEMS IN BOLD AND DASHED ARE TO BE DEMOLISHED IN THEIR ENTIRETY FROM DEVICE TO SOURCE.
5. EXISTING TO REMAIN: ITEMS GRAYSCALE LABELED 'ETR' ARE EXISTING TO REMAIN.
6. IN ACCORDANCE WITH NEC ARTICLES 645.5, 725.25, 760.25, AND 800.25 CONTRACTOR SHALL DEMOLISH ALL ABANDONED CONDUCTORS, ELECTRICAL RACEWAYS, ELECTRICAL CONNECTIONS, AND ASSOCIATED EQUIPMENT ABOVE CEILING.

DEMOLITION NOTES:

1. LOCATION OF EXISTING MECHANICAL DUCT CHASE. DUCT CHASE TO REMAIN WITH SPACE FOR TELECOMMUNICATION CONDUITS. SEE NEW TELECOMMUNICATION 'TN' SERIES SHEETS FOR UTILIZATION OF THIS DUCT CHASE FOR CONDUIT ROUTING.
2. EXISTING CABLE TRAY TO REMAIN. UTILIZE CABLE TRAY AS REQUIRED FOR CATV CABLING AND ROUTING TELEPHONE DEMARCATION CABLING TO NEW TR ROOM.
3. LOCATION OF EXISTING FIBER DEMARCATION TO BE RELOCATED. UTILIZE EXISTING FIBER ENCLOSURE AND PROVIDE A FUSION SPLICE TO EXTEND THE 12 STRAND SINGLE MODE AND 24 STRAND MULTIMODE FIBER TO NEW TR ROOM. SEE ENLARGED TR ROOM PLAN ON SHEET TN402 FOR NEW FIBER DEMARCATION LOCATION. REMOVE FIBER SWITCH AND RETURN TO COR.
4. LOCATION OF EXISTING TELEPHONE DEMARCATION. UTILIZE EXISTING SPLICE CASE AND EXTEND 200 PAIR COPPER CAT3 CABLING TO NEW TR ROOM. SEE ENLARGED TR ROOM PLAN ON SHEET TN402 FOR NEW FIBER DEMARCATION LOCATION.



May 2 2016 1:21 PM



May 2 2016 1:18 PM

BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

ACTIVITY
 PER SAT TO DOCUMENT FROM GERARD MONTANI
 (PHBRANCH) HEAD WITH HEAD AT NAVAL STATION
 NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES	SMW	DRW	CGK	CHK	JMR
-----	-----	-----	-----	-----	-----

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOM DEMOLITION PLAN - BASEMENT

SCALE: AS NOTED

EPROJECT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719571

SHEET 186 OF 200

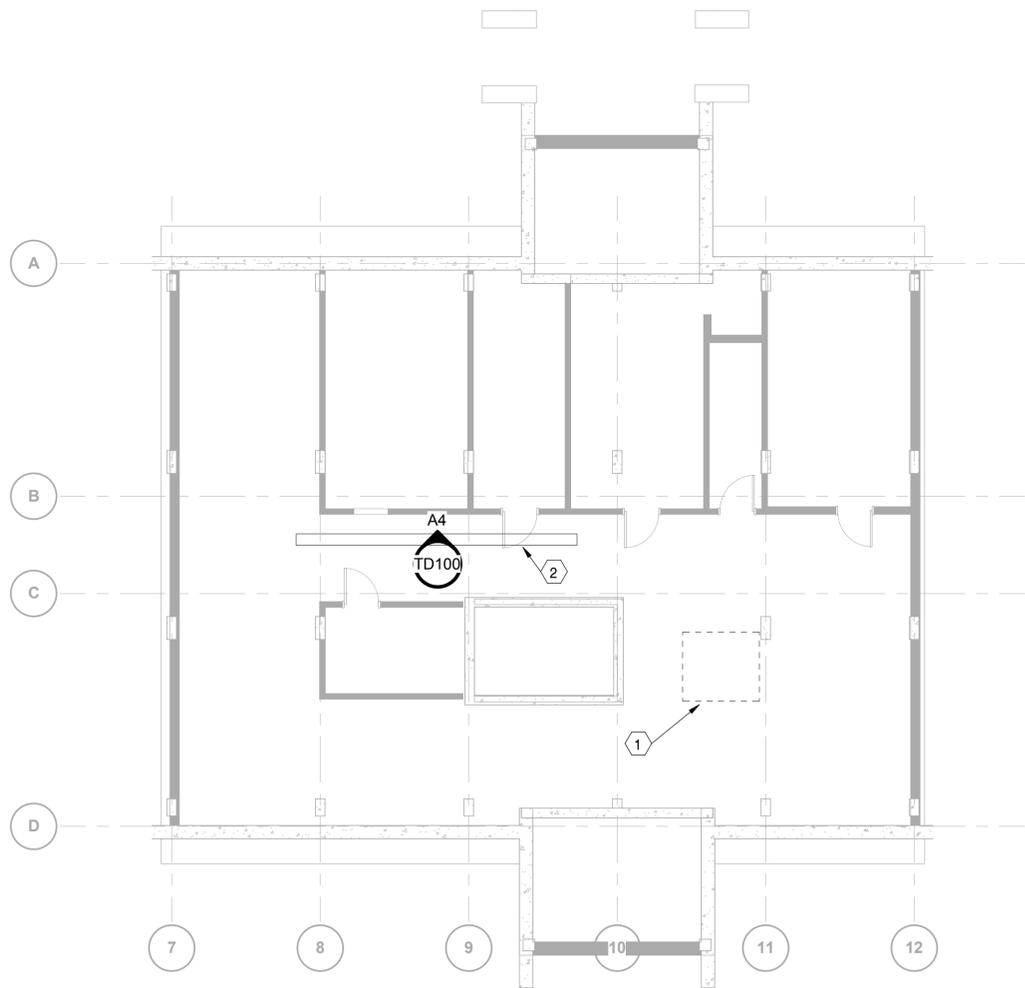
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DRAWING REVISION: 10 MAY 2014

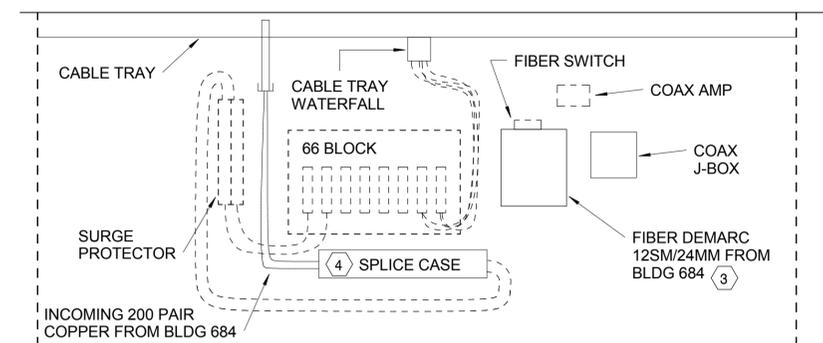
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REV DATE: 5/20/16 1:26:47 PM

FILE NAME: C:\Revit_Projects\186232_NGIBldg172M\Modals\MFP186232_E_jccashwell.rvt



PLAN NORTH
TELECOMMUNICATIONS DEMOLITION PLAN - BASEMENT
 SCALE: 1/8" = 1'-0"



GENERAL NOTE: ALL DASHED EQUIPMENT SHALL BE REMOVED UNLESS NOTED OTHERWISE

A4 DEMOLITION BASEMENT ELEVATION
 TELECOMMUNICATIONS
 SCALE: 1/4" = 1'-0"

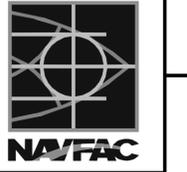
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4. DEMOLITION: ITEMS IN BOLD AND DASHED ARE TO BE DEMOLISHED IN THEIR ENTIRETY FROM DEVICE TO SOURCE.
5. EXISTING TO REMAIN: ITEMS GRAYSCALE LABELED 'ETR' ARE EXISTING TO REMAIN.
6. IN ACCORDANCE WITH NEC ARTICLES 645.5, 725.25, 760.25, AND 800.25 CONTRACTOR SHALL DEMOLISH ALL ABANDONED CONDUCTORS, ELECTRICAL RACEWAYS, ELECTRICAL CONNECTIONS, AND ASSOCIATED EQUIPMENT ABOVE CEILING.

DEMOLITION NOTES:

1. DEMOLISH ALL EXISTING TELECOMMUNICATION DEVICES AND WIRING BACK TO POINT OF ORIGIN.
2. ALL DISTRIBUTION RISERS / CONDUIT AND CHASES ARE EXISTING TO REMAIN. THESE CONDUIT RISERS ORIGINATE AT THE BASEMENT LEVEL, AND EXISTING SLAB PENETRATIONS WILL BE USED FOR CATV CABLING DURING RENOVATION.
3. EXISTING TELEPHONE CABINET. DEMOLISH ALL CABLING BACK TO SOURCE. DEMOLISH EXISTING 66 BLOCK. DEMOLISH TELEPHONE CABINET AND PATCH WALL. CONDUIT RISERS WILL NOT BE REUSED.

#	DATE	DESCRIPTION



May 2 2016 1:21 PM



May 2 2016 1:19 PM

BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

ACTIVITY
 PER SAT TO DOCUMENT FROM GERARD MONTANI (PHARMACIST HEAD) WITH HEAD AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES: SMW DRW: CGK CHK: JMR

PM / DM: MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOM DEMOLITION PLAN - SECOND FLOOR

SCALE: AS NOTED

EPROJECT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719573

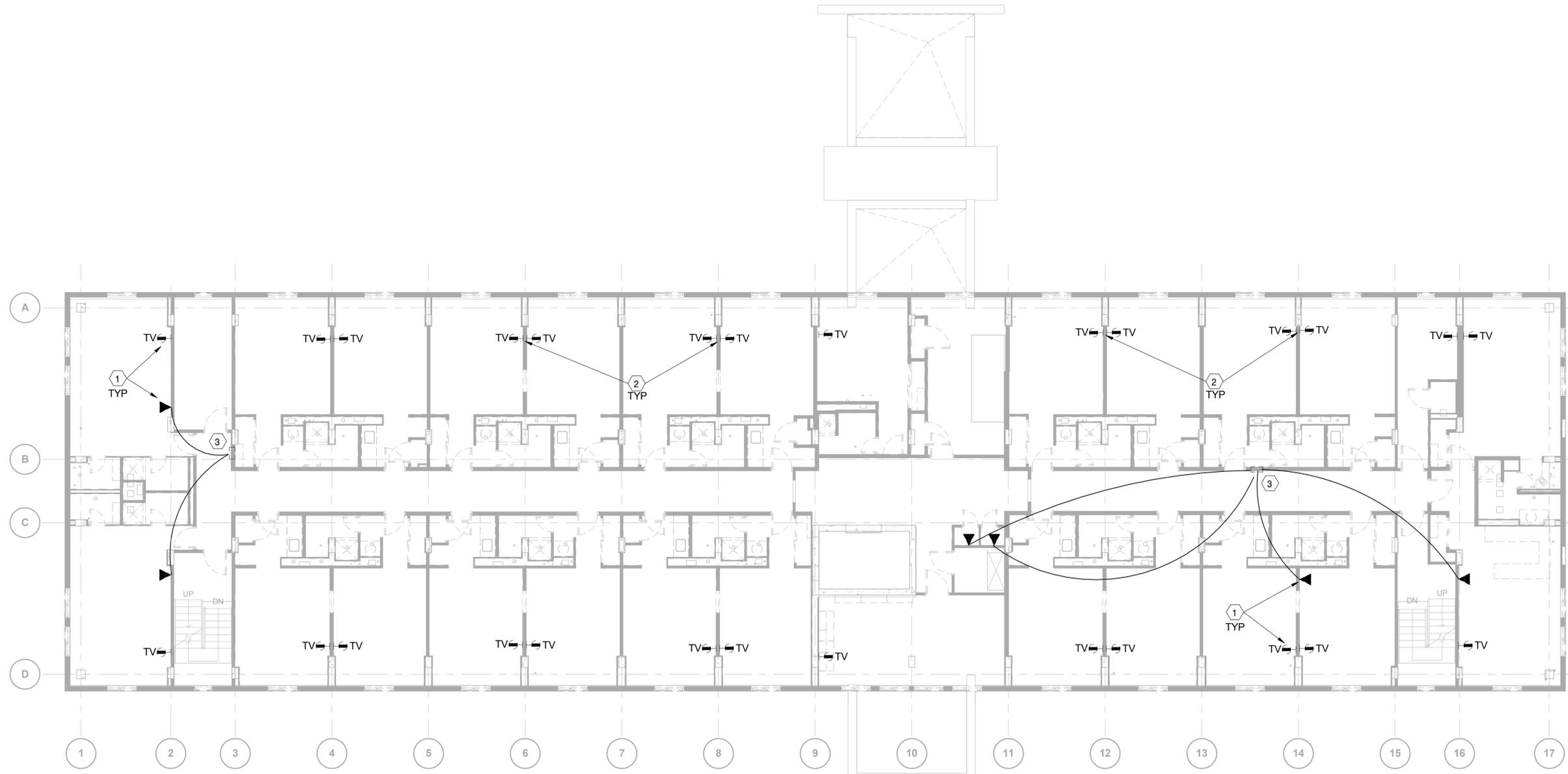
SHEET 188 OF 200

TD102

DRAWFORM REVISION: 10 MAY 2014

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PLAN NORTH
TELECOMMUNICATIONS DEMOLITION WORK PLAN - 2ND FLOOR
 SCALE: 1/8" = 1'-0"

REV DATE: 5/20/2016 1:26:50 PM

FILE NAME: C:\Revit\Projects\160322_NGIBldg172M\Modals\MFP160322_E_jccaswell.rvt

GENERAL NOTES:

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3. REFER TO T-001 AND E-002 FOR LEGEND, SYMBOLS, EXISTING CONDITIONS NOTES, AND DEMOLITION NOTES.
4. DEMOLITION: ITEMS IN BOLD AND DASHED ARE TO BE DEMOLISHED IN THEIR ENTIRETY FROM DEVICE TO SOURCE.
5. EXISTING TO REMAIN: ITEMS GRAYSCALE LABELED 'ETR' ARE EXISTING TO REMAIN.
6. IN ACCORDANCE WITH NEC ARTICLES 645.5, 725.25, 760.25, AND 800.25 CONTRACTOR SHALL DEMOLISH ALL ABANDONED CONDUCTORS, ELECTRICAL RACEWAYS, ELECTRICAL CONNECTIONS, AND ASSOCIATED EQUIPMENT ABOVE CEILING.

DEMOLITION NOTES:

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2. ALL DISTRIBUTION RISERS / CONDUIT AND CHASES ARE EXISTING TO REMAIN. THESE CONDUIT RISERS ORIGINATE AT THE BASEMENT LEVEL, AND EXISTING SLAB PENETRATIONS WILL BE USED FOR CATV CABLING DURING RENOVATION.
3. EXISTING TELEPHONE CABINET. DEMOLISH ALL CABLING BACK TO SOURCE. DEMOLISH EXISTING 66 BLOCK. DEMOLISH TELEPHONE CABINET AND PATCH WALL. CONDUIT RISERS WILL NOT BE REUSED.

APP#	DATE	DESCRIPTION



May 2 2016 1:21 PM



May 2 2016 1:19 PM



1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

AE INFG

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

ACTIVITY
PER SAT TO DOCUMENT FROM GERARD MONTANI
(PHBRANCH) HEAD WITH HEAD AT NAVAL STATION
NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES	SMW	DRW	CGK	CHK	JMR
-----	-----	-----	-----	-----	-----

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL STATION NEWPORT

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NEWPORT-RHODE ISLAND

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOM DEMOLITION PLAN - THIRD FLOOR

SCALE: AS NOTED

EPROJCT NO. 13770079

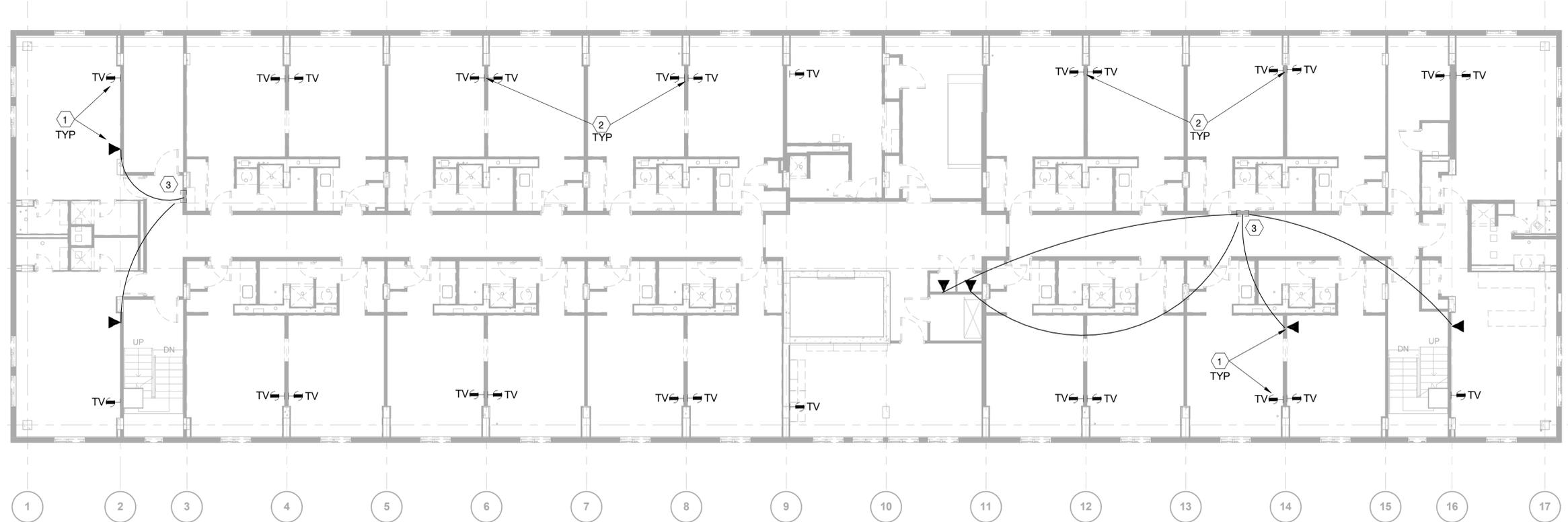
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719574

SHEET 189 OF 200

TD103

DRAWFORM REVISION: 10 MAY 2014



PLAN NORTH
TELECOMMUNICATIONS DEMOLITION WORK PLAN - 3RD FLOOR
SCALE: 1/8" = 1'-0"

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REV DATE: 5/20/16 1:26:51 PM

FILE NAME: C:\Revit_Projects\160322_NGIBldg172M\Modals\MFP160322_E_lccashwell.rvt

GENERAL NOTES:

1. THIS SHEET SHALL READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.
2. DRAWINGS ARE BASED ON EXISTING BUILDING DOCUMENTS AND FIELD OBSERVATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
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4. DEMOLITION: ITEMS IN BOLD AND DASHED ARE TO BE DEMOLISHED IN THEIR ENTIRETY FROM DEVICE TO SOURCE.
5. EXISTING TO REMAIN: ITEMS GRAYSCALE LABELED 'ETR' ARE EXISTING TO REMAIN.
6. IN ACCORDANCE WITH NEC ARTICLES 645.5, 725.25, 760.25, AND 800.25 CONTRACTOR SHALL DEMOLISH ALL ABANDONED CONDUCTORS, ELECTRICAL RACEWAYS, ELECTRICAL CONNECTIONS, AND ASSOCIATED EQUIPMENT ABOVE CEILING.

DEMOLITION NOTES:

1. DEMOLISH ALL EXISTING TELECOMMUNICATION DEVICES AND WIRING BACK TO POINT OF ORIGIN.
2. ALL DISTRIBUTION RISERS / CONDUIT AND CHASES ARE EXISTING TO REMAIN. THESE CONDUIT RISERS ORIGINATE AT THE BASEMENT LEVEL, AND EXISTING SLAB PENETRATIONS WILL BE USED FOR CATV CABLING DURING RENOVATION.
3. EXISTING TELEPHONE CABINET. DEMOLISH ALL CABLING BACK TO SOURCE. DEMOLISH EXISTING 66 BLOCK. DEMOLISH TELEPHONE CABINET AND PATCH WALL. CONDUIT RISERS WILL NOT BE REUSED.



May 2 2016 1:21 PM



May 2 2016 1:19 PM

BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

ACTIVITY
 PER SAT TO DOCUMENT FROM GERARD MONTANI (PHBRANCH) HEAD WITH FEAD AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES: SMW DRW: CGK CHK: JMR

PM / DM: MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL STATION NEWPORT

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOM DEMOLITION PLAN - FOURTH FLOOR

SCALE: AS NOTED

EPROJCT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719575

SHEET 190 OF 200

TD104

DRAWFORM REVISION: 10 MAY 2014



PLAN NORTH
TELECOMMUNICATIONS DEMOLITION WORK PLAN - 4TH FLOOR
 SCALE: 1/8" = 1'-0"

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REV DATE: 5/20/16 1:26:52 PM

FILE NAME: C:\Revit_Projects\160322_NGIBldg172M\Modals\MFP160322_E_lccaswell.rvt

GENERAL NOTES:

1. THIS SHEET SHALL READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.
2. DRAWINGS ARE BASED ON EXISTING BUILDING DOCUMENTS AND FIELD OBSERVATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
3. SEE TN-001 FOR TELECOMMUNICATIONS LEGEND, ABBREVIATIONS AND GENERAL NOTES.

NEW WORK NOTES:

1. LOCATION OF EXISTING MECHANICAL DUCT CHASE. UTILIZE THIS DUCT CHASE FOR CONDUIT ROUTING. SEE TN101, TN102, TN103 AND TN104 FOR CONDUIT RISER LOCATIONS. SEE SHEET TN501 FOR TELECOM RISER DETAILS.
2. EXISTING CABLE TRAY TO REMAIN. UTILIZE CABLE TRAY AS REQUIRED FOR CATV CABLING AND ROUTING TELEPHONE DEMARCATION TO NEW TR ROOM. PROVIDE NEW CABLE LADDER AS SHOWN AND CONNECT INTO EXISTING CABLE TRAY. PROVIDE MOUNTING AND ALL ACCESSORIES AS REQUIRED. MATCH MOUNTING HEIGHT OF EXISTING CABLE TRAY. SEE SHEET TN503 FOR DETAILS.
3. UTILIZE EXISTING FIBER ENCLOSURE AND PROVIDE A FUSION SPLICE OF ALL STRANDS TO EXTEND THE 12 STRAND SINGLE MODE AND 24 STRAND MULTIMODE FIBER TO NEW TR ROOM. SEE ENLARGED TR ROOM PLAN ON SHEET TN402 FOR NEW FIBER DEMARCATION LOCATION.
4. LOCATION OF EXISTING TELEPHONE DEMARCATION. UTILIZE EXISTING SPICE CASE AND EXTEND 200 PAIR COPPER CABLING TO NEW TR ROOM. SEE ENLARGED TR ROOM PLAN ON SHEET TN402 FOR NEW FIBER DEMARCATION LOCATION.
5. EXISTING CATV SERVICE ENTRANCE LOCATION. CATV SERVICE UTILITY TO EXTEND CABLING TO EXISTING BACK BACKBOARD FOR CATV COMPONENTS.
6. EXISTING BACKBOARD FOR CATV COMPONENTS. SEE DETAIL ON TN501 FOR MORE DETAILS.



May 2 2016 1:21 PM



May 2 2016 1:19 PM

BURNS MEDONNELL
 1305 EXECUTIVE BLVD.
 SUITE 160
 CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

ACTIVITY
 PER SA-1 TO DOCUMENT FROM GERARD MONTANI
 (PIBRANCH HEAD) WITH HEAD AT NAVAL STATION
 NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES: SMW | DRW: CGK | CHK: JMR

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NEWPORT-RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOMMUNICATIONS NEW WORK PLAN - BASEMENT

SCALE: AS NOTED

EPROJCT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719576

SHEET 191 OF 200

TN100

DRAWFORM REVISION: 10 MAY 2014

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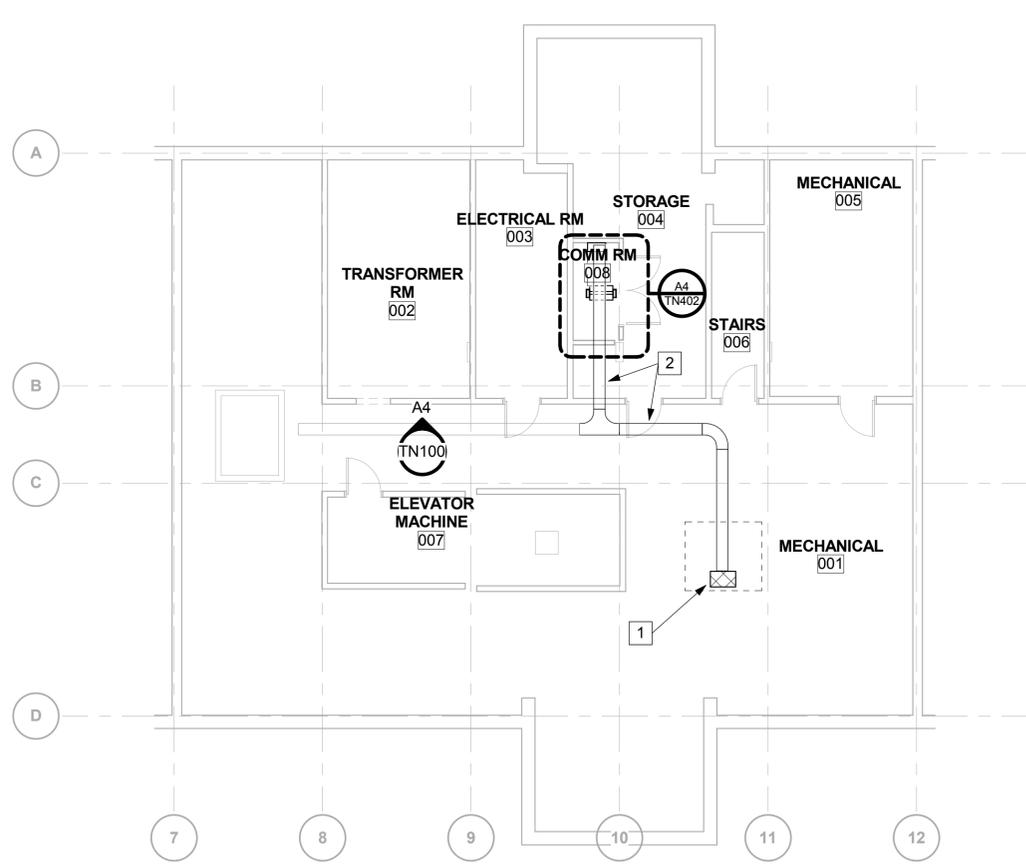
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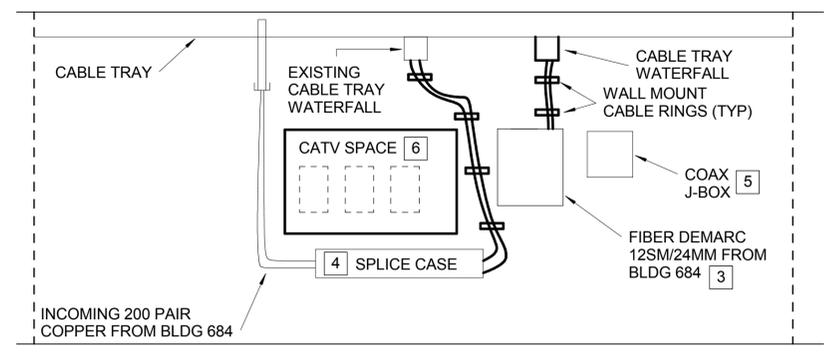
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REV DATE: 5/20/2016 1:26:52 PM

FILE NAME: C:\Revit\Projects\160232-NGIS\16172M\Modals\MFP160232_E_Lccashwell.rvt



PLAN NORTH
TELECOMMUNICATIONS NEW WORK PLAN - BASEMENT
 SCALE: 1/8" = 1'-0"



NEW BASEMENT ELEVATION TELECOMMUNICATIONS
 SCALE: NOT TO SCALE



GENERAL NOTES:

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- 3. SEE TN-001 FOR TELECOMMUNICATIONS LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- 4. NO CONDUITS SHALL BE EXPOSED IN THE LIVING ROOM, BEDROOM OR CORRIDOR.

NEW WORK NOTES:

- 1. SEE "ENLARGED PLAN TYPICAL SUITE 1ST FLOOR - TELECOM" SHEET TN401 FOR MORE DETAIL.
- 2. SEE "ENLARGED PLAN - TYPICAL 1ST FLOOR EXEC SUITE - TELECOM" SHEET TN401 FOR MORE DETAIL.
- 3. PROVIDE JUNCTION BOX ABOVE CEILING SIZED TO ACCOMMODATE CONDUITS SHOWN.
- 4. SUGGESTED ROUTING FOR TELECOMMUNICATIONS CONDUITS. PROVIDE CONDUITS AS SIZED ON RISER ON SHEET TN501. COORDINATE ROUTING SUCH THAT THE CONDUITS ARE ROUTED ABOVE NEW GYPSUM CEILING. COORDINATE WITH OTHER TRADES AND PARALLEL OTHER CONDUITS AND PIPES WHERE POSSIBLE. ALL TELECOMMUNICATIONS CABLING SHALL BE IN CONDUIT. PROVIDE SLEEVES AS REQUIRED THROUGH EXISTING WALLS. ALL JUNCTION BOXES SHALL BE ACCESSIBLE FROM BELOW.
- 5. LOCATION OF TELECOMMUNICATION RISER CONDUITS FROM BASEMENT. MOUNT CONDUITS TO WALL OF CHASE AS REQUIRED. SEE RISER ON SHEET TN501 FOR CONDUIT SIZES.
- 6. PROVIDE DOME CAMERA, CONDUIT AND BOXES FOR CCTV CAMERA. PROVIDE ONE CAT6 CABLE TO EACH CAMERA. SEE SHEET TN501 FOR MORE INFORMATION.



May 2 2016 1:21 PM



May 2 2016 1:19 PM

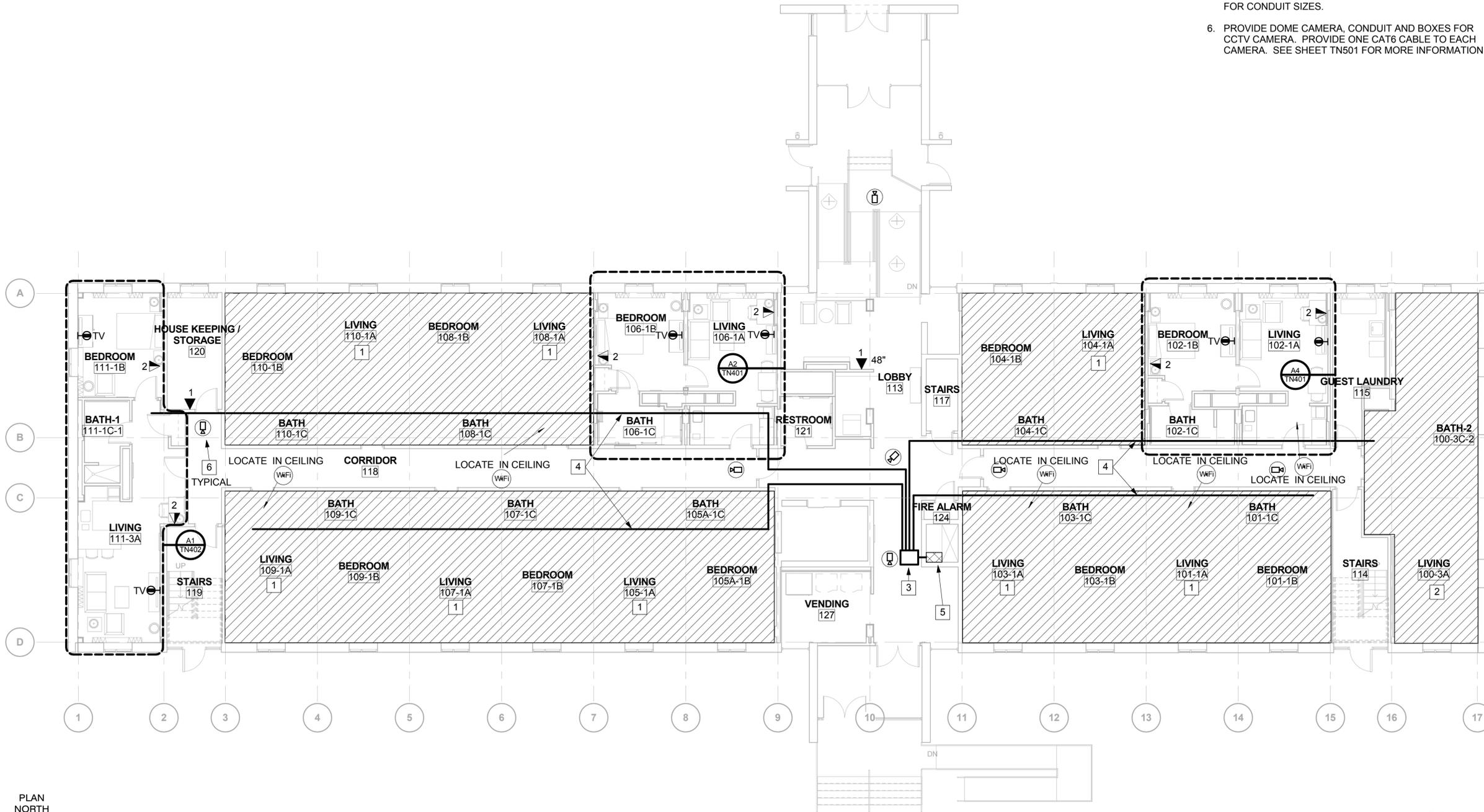
BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.
ACTIVITY
PER SAIT DOCUMENT FROM GERARD MONTANI (PI BRANCH HEAD) WITH HEAD AT NAVAL STATION NEWPORT-NEWPORT, RI
SATISFACTORY TO DATE
DES: SMW DRW: CGK CHK: JMR
PM / DM: MLWLEJ
BRANCH MANAGER
CHIEF ENGINEER: DWG
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
NORTH IPT
NAVAL STATION NEWPORT
NEWPORT, RHODE ISLAND
RENOVATION OF NGIS, BUILDING 172
TELECOMMUNICATIONS NEW WORK PLAN - 1ST FLOOR

SCALE: AS NOTED
EPROJCT NO. 13770079
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12719577
SHEET 192 OF 200
TN101



PLAN NORTH
ELECTRICAL NEW WORK PLAN - 1ST FLOOR - POWER & TELECOM
SCALE: 1/8" = 1'-0"



FILE NAME: C:\Revit_Projects\160322_NGIBldg172M\Bldg172M\MEP\160322_E_Lccashnell.rvt
 REV DATE: 5/2/2016 1:26:55 PM

GENERAL NOTES:

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3. SEE TN-001 FOR TELECOMMUNICATIONS LEGEND, ABBREVIATIONS AND GENERAL NOTES.
4. NO CONDUITS SHALL BE EXPOSED IN THE LIVING ROOM, BEDROOM OR CORRIDOR.

NEW WORK NOTES:

1. SEE "ENLARGED PLAN TYPICAL SUITE 2ND THRU 4TH FLOOR - TELECOM" SHEET TN402 FOR MORE DETAIL.
2. LOCATION OF TELECOMMUNICATION RISER CONDUITS FROM BASEMENT. MOUNT CONDUITS TO WALL OF CHASE AS REQUIRED. SEE RISER ON SHEET TN501 FOR CONDUIT SIZES.
3. SEE "ENLARGED PLAN - TYPICAL EXEC SUITE 2ND THRU 4TH FLOOR - TELECOM" SHEET TN402 FOR MORE DETAIL.
4. PROVIDE JUNCTION BOX ABOVE CEILING SIZED TO ACCOMMODATE CONDUITS SHOWN.
5. SUGGESTED ROUTING FOR TELECOMMUNICATIONS CONDUITS. PROVIDE CONDUITS AS SIZED ON RISER ON SHEET TN501. COORDINATE ROUTING SUCH THAT THE CONDUITS ARE ROUTED ABOVE NEW GYPSUM CEILING. COORDINATE WITH OTHER TRADES AND PARALLEL OTHER CONDUITS AND PIPES WHERE POSSIBLE. ALL TELECOMMUNICATIONS CABLING SHALL BE IN CONDUIT. PROVIDE SLEEVES AS REQUIRED THROUGH EXISTING WALLS. ALL JUNCTION BOXES SHALL BE ACCESSIBLE FROM BELOW.
6. PROVIDE DOME CAMERA, CONDUIT AND BOXES FOR CCTV CAMERA. PROVIDE ONE CAT6 CABLE TO EACH CAMERA. SEE SHEET TN501 FOR MORE INFORMATION.



May 2 2016 1:21 PM



May 2 2016 1:19 PM

BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

ACTIVITY
PER SAT TO DOCUMENT FROM GERARD MONTANI (PH) BRANCH HEAD WITH HEAD AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES SWM DRW CGK CHK JMR

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NEWPORT-RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOMMUNICATIONS NEW WORK PLAN - 2ND FLOOR

SCALE: AS NOTED

EPROJCT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719578

SHEET 193 OF 200

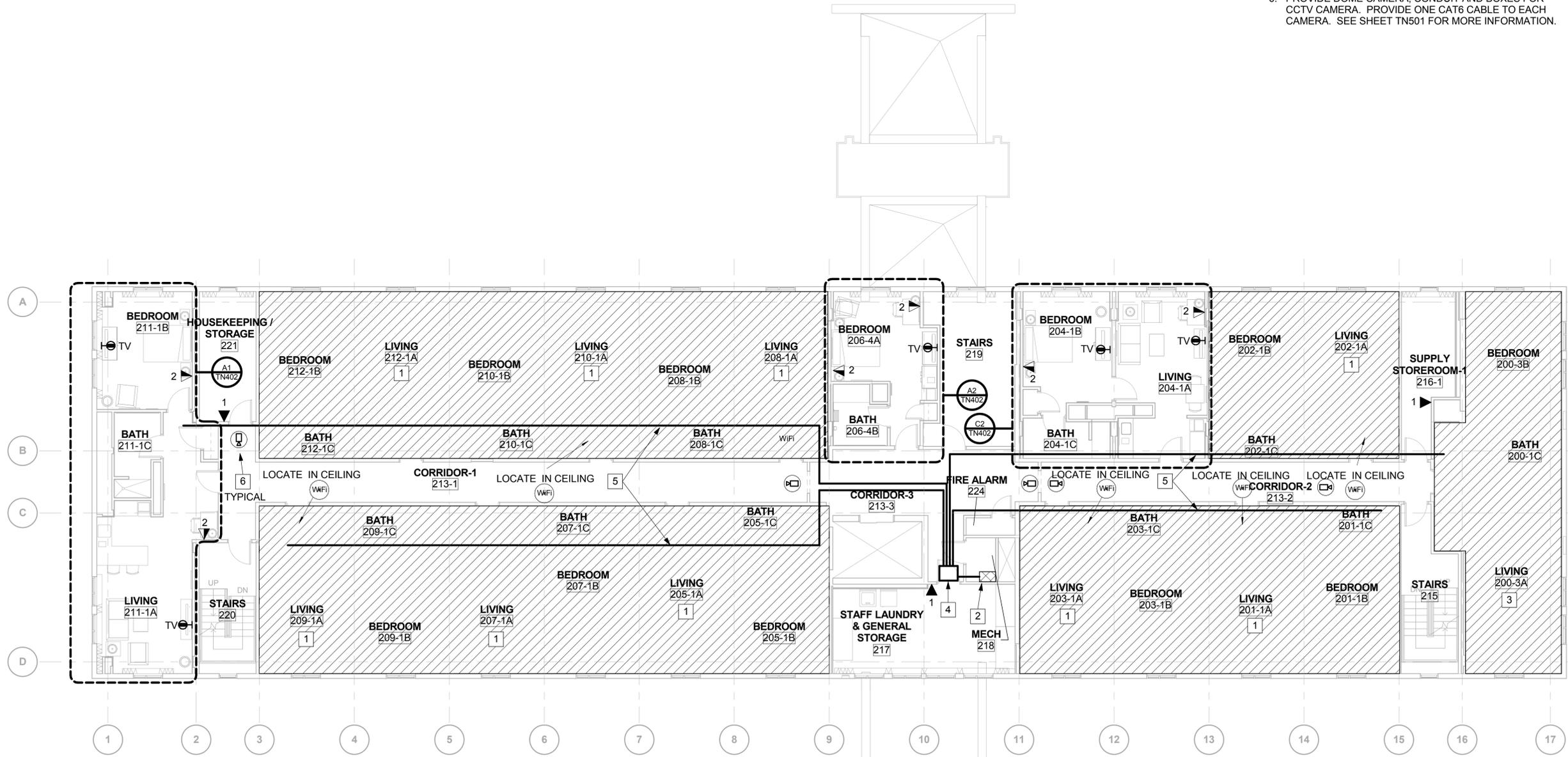
TN102

DRAWING REVISION: 10 MAY 2014

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REV DATE: 5/2/2016 1:26:57 PM

FILE NAME: C:\Revit\Projects\160322-NGIS\160322-NGIS\160322_E_Locate\shell.rvt



PLAN NORTH
TELECOMMUNICATIONS NEW WORK PLAN - 2ND FLOOR
SCALE: 1/8" = 1'-0"



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GENERAL NOTES:

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- 3. SEE TN-001 FOR TELECOMMUNICATIONS LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- 4. NO CONDUITS SHALL BE EXPOSED IN THE LIVING ROOM, BEDROOM OR CORRIDOR.

NEW WORK NOTES:

- 1. SEE "ENLARGED PLAN TYPICAL SUITE 2ND THRU 4TH FLOOR - TELECOM" SHEET TN402 FOR MORE DETAIL.
- 2. LOCATION OF TELECOMMUNICATION RISER CONDUITS FROM BASEMENT. MOUNT CONDUITS TO WALL OF CHASE AS REQUIRED. SEE RISER ON SHEET TN501 FOR CONDUIT SIZES.
- 3. SEE "ENLARGED PLAN - TYPICAL EXEC SUITE 2ND THRU 4TH FLOOR - TELECOM" SHEET TN402 FOR MORE DETAIL.
- 4. SEE "ENLARGED PLAN - TYPICAL STANDARD ROOM 2ND THRU 4TH FLOOR - TELECOM" SHEET TN402 FOR MORE DETAIL.
- 5. PROVIDE JUNCTION BOX ABOVE CEILING SIZED TO ACCOMMODATE CONDUITS SHOWN.
- 6. SUGGESTED ROUTING FOR TELECOMMUNICATIONS CONDUITS. PROVIDE CONDUITS AS SIZED ON RISER ON SHEET TN501. COORDINATE ROUTING SUCH THAT THE CONDUITS ARE ROUTED ABOVE NEW GYPSUM CEILING. COORDINATE WITH OTHER TRADES AND PARALLEL OTHER CONDUITS AND PIPES WHERE POSSIBLE. ALL TELECOMMUNICATIONS CABLING SHALL BE IN CONDUIT. PROVIDE SLEEVES AS REQUIRED THROUGH EXISTING WALLS. ALL JUNCTION BOXES SHALL BE ACCESSIBLE FROM BELOW.
- 7. PROVIDE DOME CAMERA, CONDUIT AND BOXES FOR CCTV CAMERA. PROVIDE ONE CAT6 CABLE TO EACH CAMERA. SEE SHEET TN501 FOR MORE INFORMATION.



May 2 2016 1:21 PM



May 2 2016 1:19 PM

BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

ACTIVITY
PER SAT TO DOCUMENT FROM GERARD MONTANI (PH) BRANCH HEAD WITH HEAD AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES: SMW DRW: CGK CHK: JMR

PM / DM MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOMMUNICATIONS NEW WORK PLAN - 3RD FLOOR

SCALE: AS NOTED

EPROJECT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719579

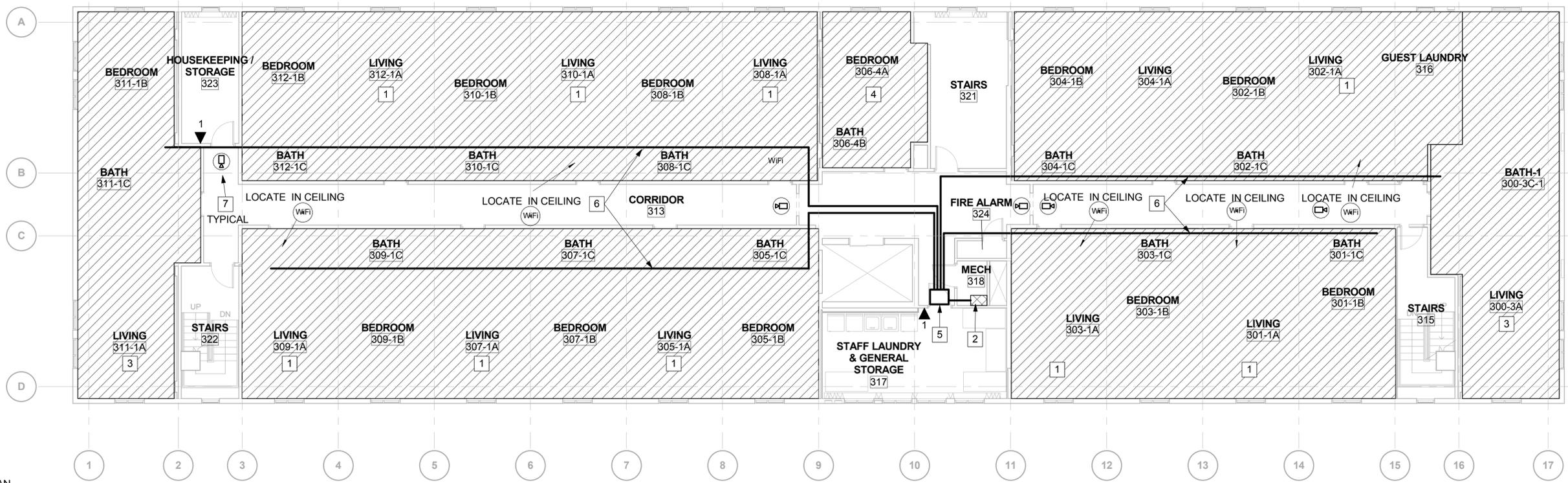
SHEET 194 OF 200

TN103

DRAWING REVISION: 10 MAY 2014

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TELECOMMUNICATIONS NEW WORK PLAN - 3RD FLOOR



REV DATE: 5/2/2016 1:27:00 PM

FILE NAME: C:\Revit\Projects\160232-NGIS\160232-NGIS\160232-NGIS\160232_E_LocateNewWorkPlan.rvt

GENERAL NOTES:

1. THIS SHEET SHALL READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.
2. DRAWINGS ARE BASED ON EXISTING BUILDING DOCUMENTS AND FIELD OBSERVATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
3. SEE TN001 AND TN002 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES.
4. NO CONDUITS SHALL BE EXPOSED IN THE LIVING ROOM, BEDROOM OR CORRIDOR.

NEW WORK NOTES:

1. UTILIZE EXISTING CONDUIT RISERS THAT WERE SALVAGED DURING DEMOLITION. SEE 'TD' SERIES SHEETS FOR LOCATIONS. SEE DETAIL ON SHEET TN502 FOR CABLING AND OUTLET DETAILS.
2. PROVIDE 1" CONDUIT FROM JUNCTION BOX TO DEVICE LOCATION AS SHOWN. CONCEAL CONDUIT IN WALL. SEE SHEET TN502 FOR CABLING AND OUTLET DETAILS.
3. UTILIZE THIS AREA TO ROUTE ALL CONDUITS ABOVE CEILING. SEE ARCHITECTURAL PLANS FOR CEILING DETAILS. NEW CEILING WILL BE GYPSUM TYPE WITH LIMITED SPACE FOR CONDUIT ROUTING. COORDINATE ROUTING WITH OTHER TRADES AND RUN PARALLEL TO OTHER PIPES AND CONDUIT WHEN POSSIBLE.
4. PROVIDE 12"W CABLE RUNWAY MOUNTED 6" ABOVE THE TOP OF CABINETS/RACKS. PROVIDE ALL REQUIRED PARTS FOR MOUNTING AND RADIUS.
5. PROVIDE 3/4"x4"x8" PLYWOOD BOARDS FOR WALL LINING. REFER TO SPECIFICATIONS FOR FIRE RATING REQUIREMENTS.
6. COMMUNICATIONS MAIN GROUNDING BUS BAR (TMGB). REFER TO SPECIFICATIONS FOR REQUIREMENTS. GROUND ALL TELECOM EQUIPMENT TO THE BAR.
7. PROVIDE CABLE RADIUS DROPOUT ABOVE EACH RACK FROM TRAY.
8. SYSTEM DOOR CONTROL PANELS AND HARDWARE POWER SUPPLIES (BY OTHERS); RESERVE WALL SPACE FLOOR TO CEILING FOR ACCESS CONTROL.
9. ALL JUNCTION BOXES SHALL BE ACCESSIBLE FROM BELOW VIA ACOUSTICAL TILE CEILING PANELS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND COORDINATE JUNCTION BOX LOCATION BASED ON ACCESS LOCATIONS.
10. PROVIDE #6 AWG GREEN BONDING CONDUCTOR.



May 2 2016 1:22 PM



May 2 2016 1:19 PM



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ACTIVITY

PER SA-TO DOCUMENT FROM GERARD MONTANI (PHBRANCH HEAD) WITH HEAD AT NAVAL STATION NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES: SMW | DRW: CGK | CHK: JMR

PM/DM: MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

ENLARGED PLAN

SCALE: AS NOTED

PROJECT NO. 13770079

CONSTR. CONTR. NO.

NAVAC DRAWING NO. 12719582

SHEET 197 OF 200

TN402

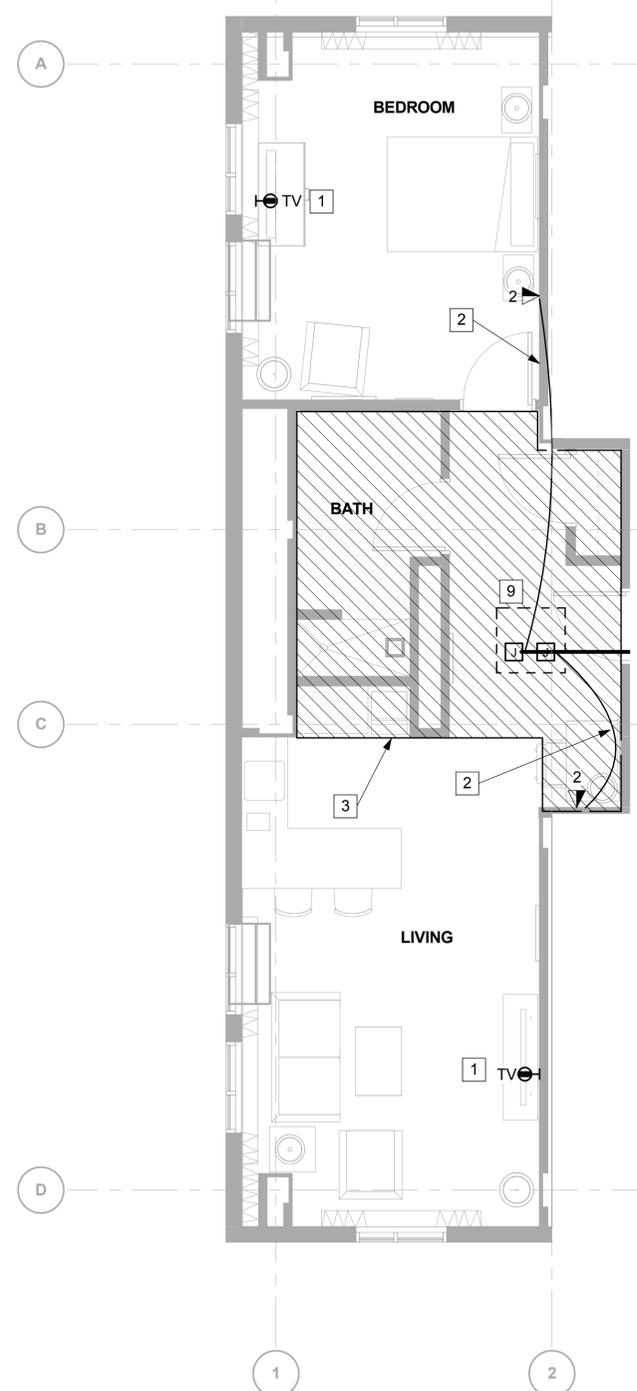
DRAWING REVISION: 10 MAY 2014

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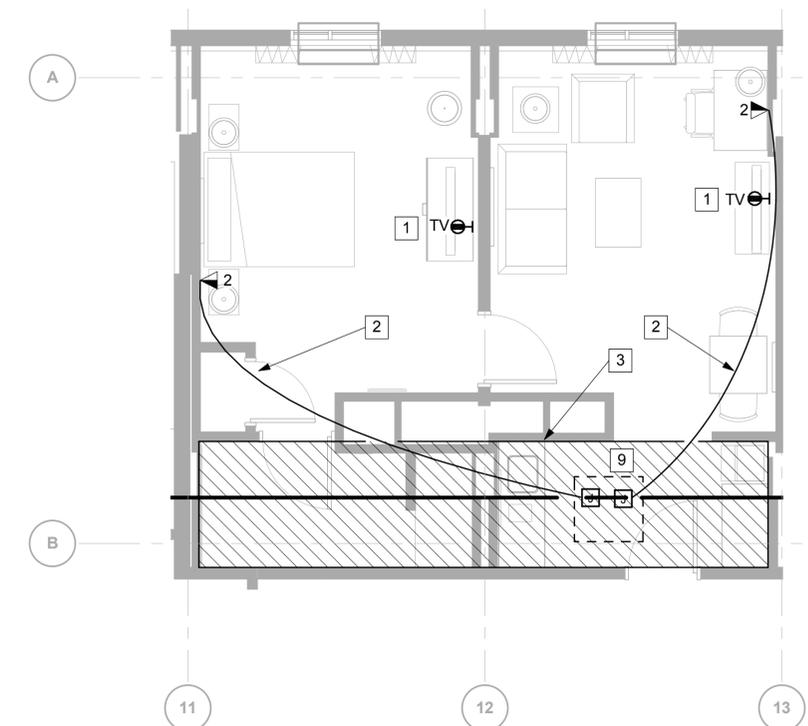
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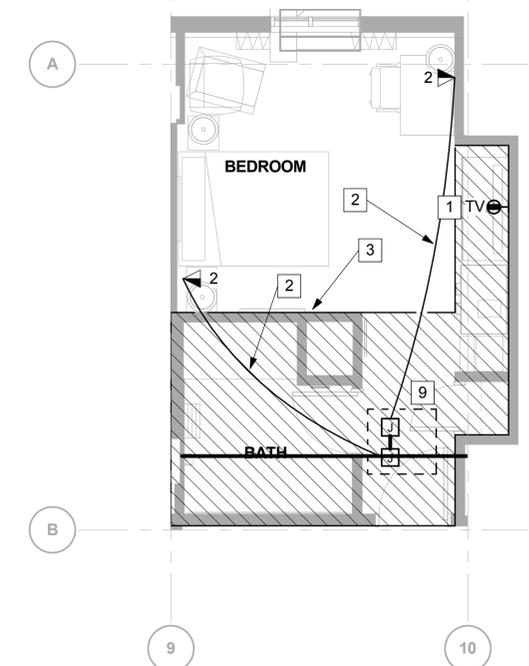
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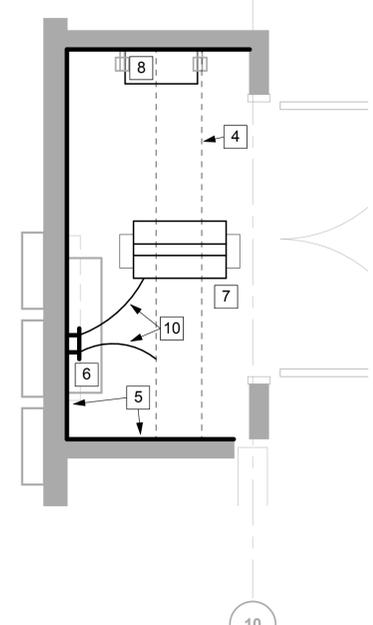
(A1) ENLARGED PLAN - TYPICAL MODULE 3
2ND THRU 4TH FLOOR - TELECOM
SCALE: 1/4" = 1'-0"



(C2) ENLARGED PLAN - TYPICAL MODULE 1
2ND THRU 4TH FLOOR - TELECOM
SCALE: 1/4" = 1'-0"



(A2) ENLARGED PLAN - TYPICAL MODULE 4
2ND THRU 4TH FLOOR - TELECOM
SCALE: 1/4" = 1'-0"



(A4) ENLARGED TELECOMMUNICATIONS ROOM
SCALE: 1/2" = 1'-0"

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3. SEE TN001 AND TN002 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES.
4. THESE DIAGRAMS INDICATES TYPICAL DEVICES. EXACT QUANTITIES AND LOCATIONS ARE INDICATED ON FLOOR PLANS.

NEW WORK NOTES:

1. PROVIDE NEW 2-POST RACK. SEE RACK ELEVATION ON THIS SHEET FOR EQUIPMENT IN THE RACK.
2. UTILIZE EXISTING FIBER ENCLOSURE AND PROVIDE A FUSION SPLICE TO EXTEND THE 12 STRAND SINGLE MODE AND 24 STRAND MULTIMODE FIBER TO NEW TR ROOM.



May 2 2016 1:22 PM



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1305 EXECUTIVE BLVD. SUITE 160 CHESAPEAKE, VA 23320

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FOR COMMANDER NAVFAC/B.L.T.L.

ACTIVITY

PER SA-1 TO DOCUMENT FROM GERARD MONTANI (PHARMACY HEAD) WITH HEAD AT NAVAL STATION NEWPORT, RHODE ISLAND

SATISFACTORY TO DATE

DES: SMW | DRW: CGK | CHK: JMR

PM/DM: MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NORTH IPT

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOMMUNICATIONS DIAGRAMS

SCALE: AS NOTED

PROJECT NO. 13770079

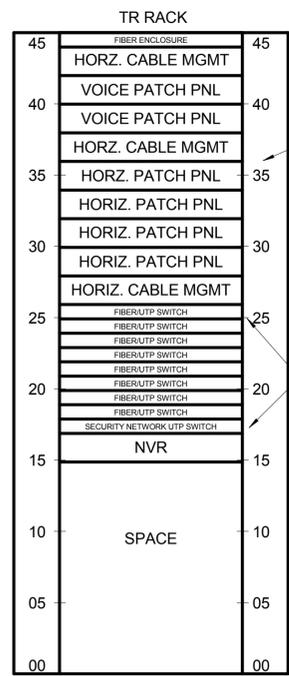
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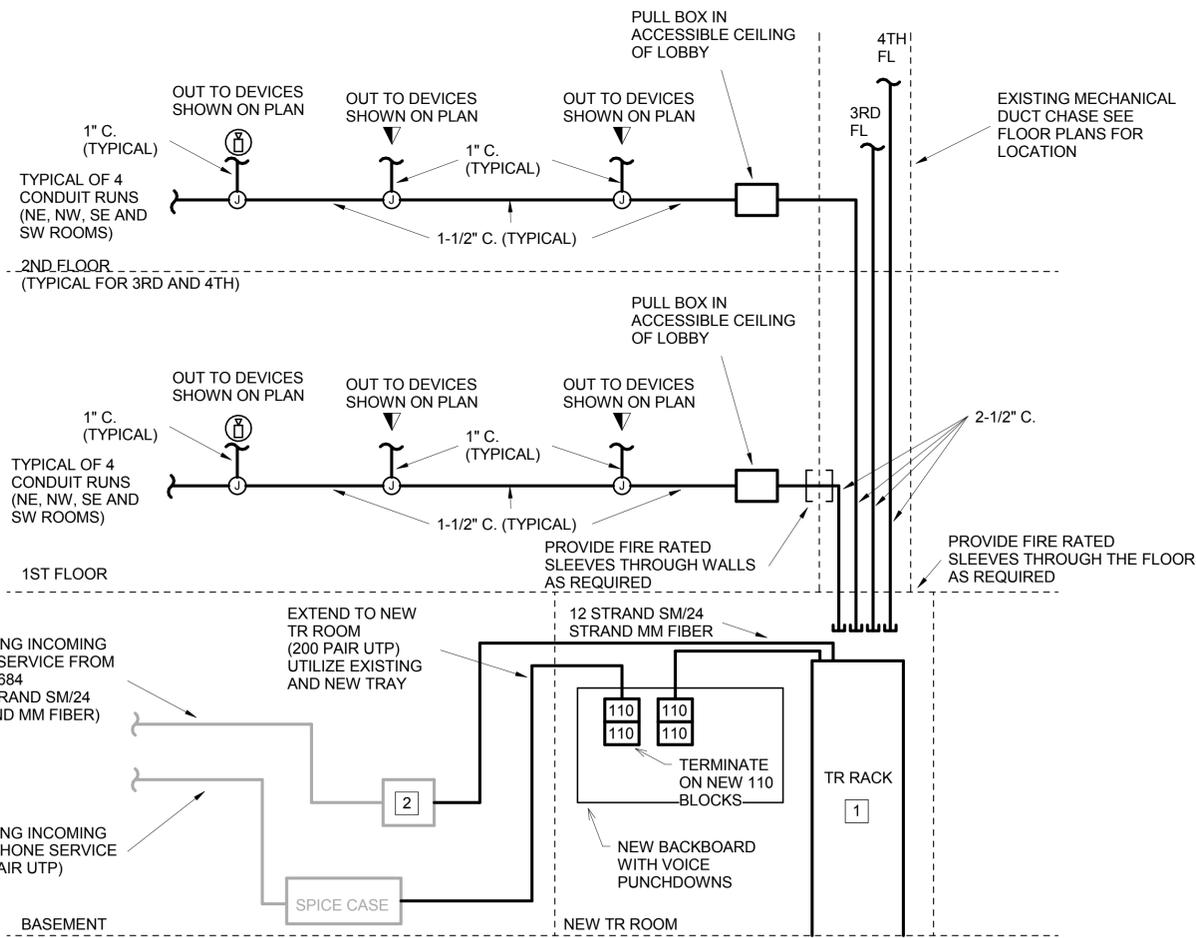
SHEET 198 OF 200

TN501

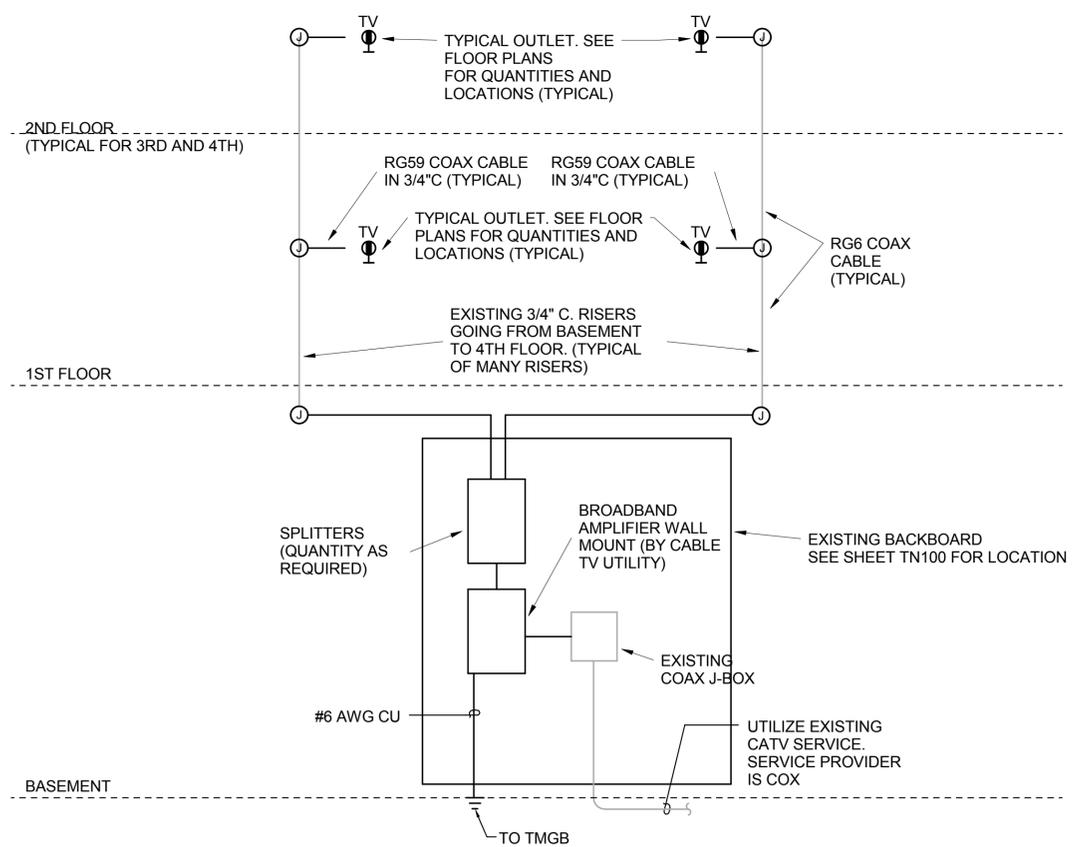
DRAWING REVISION: 10 MAY 2014



(C1) TELECOMMUNICATION RACK ELEVATION
SCALE: NOT TO SCALE



(A1) TELECOMMUNICATION RISER DIAGRAM
SCALE: NOT TO SCALE



(A3) CATV RISER
SCALE: NOT TO SCALE

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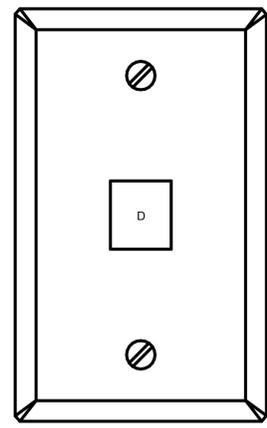
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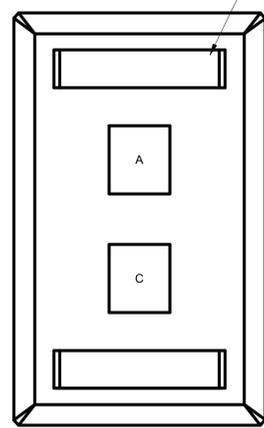
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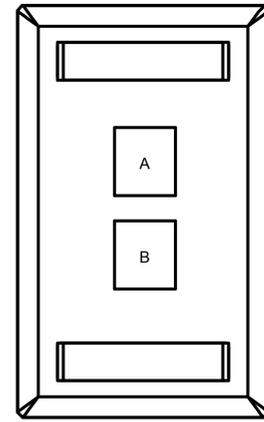
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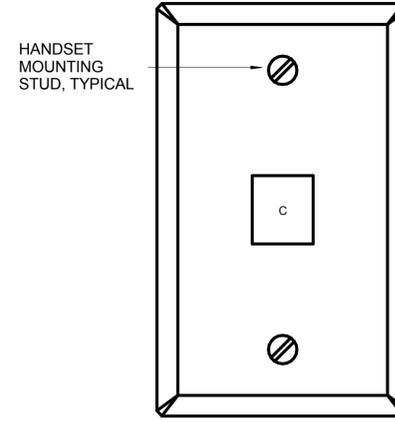
TV CABLE TV WALL FACEPLATE
SEE SHEET I-122 AND I-123 FOR EXACT OUTLET HEIGHT AND LOCATION. COORDINATE LOCATIONS WITH ELECTRICAL AND FURNITURE.



VOICE/DATA WALL FACEPLATE
SEE SHEET I-122 AND I-123 FOR EXACT OUTLET HEIGHT AND LOCATION. COORDINATE LOCATIONS WITH ELECTRICAL AND FURNITURE.



WIRELESS ACCESS POINT



VOICE WALL PHONE FACEPLATE
WALL MOUNT AT 48" AFF, UNO

C1 CABLE TV OUTLET
SCALE: NOT TO SCALE

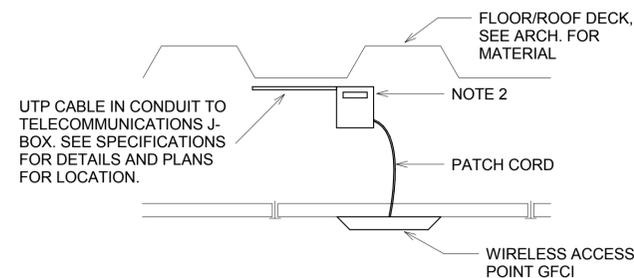
C2 COMM OUTLET TYPE 2
SCALE: NOT TO SCALE

C3 COMM OUTLET WAP
SCALE: NOT TO SCALE

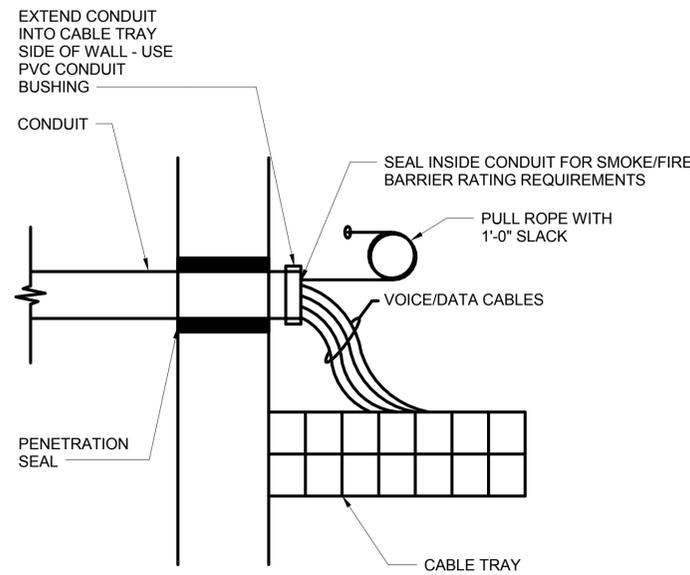
C4 COMM OUTLET TYPE 1
SCALE: NOT TO SCALE

MODULAR JACK AND CABLING SCHEDULE					
APPEARANCE	DESIGNATOR	MODULAR JACK	COLOR	CABLING	COLOR
	A	CAT 6 8-PIN MODULAR NON-KEYED DATA/VOIP	BLUE	4-PAIR CATEGORY 6 UTP	BLUE
	B	BLANK INSERT	IVORY	NOT APPLICABLE	N/A
	C	CAT 6 8-PIN MODULAR NON-KEYED TELEPHONE	GRAY	4-PAIR CATEGORY 6 UTP	GRAY
	D	CATV F-TYPE CONNECTOR	IVORY	COAXIAL CABLING	BLACK

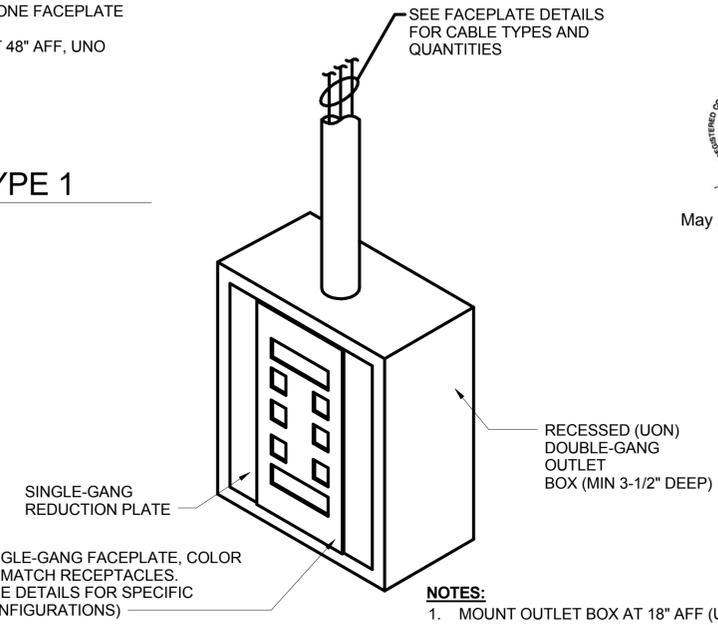
- NOTES:**
- THIS CABLING TO APPLY AT ALL [(WIFI)] LOCATIONS SHOWN ON PLAN DRAWINGS.
 - SURFACE MOUNTED PLENUM RATED BOX WITH COMMUNICATIONS OUTLET AND MOUNTING FLANGES FOR STRUCTURE OR CEILING SUPPORT CABLE MOUNT



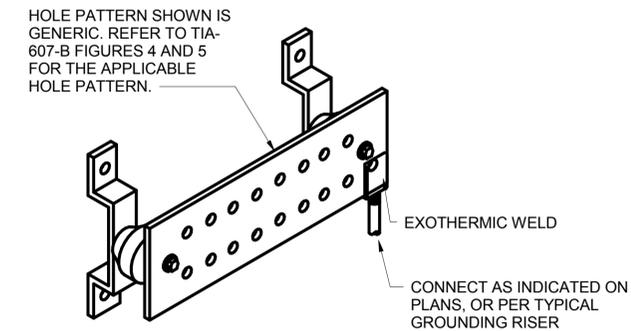
A1 WIRELESS ACCESS POINT MOUNTING DETAIL
SCALE: NOT TO SCALE



A3 TYPICAL CONDUIT TO CABLE TRAY TRANSITION
SCALE: NOT TO SCALE



B4 TYPICAL COMMUNICATIONS BACKBOX
SCALE: NOT TO SCALE



- NOTES:**
- TIA-607-B COPPER GROUND BAR WITH WALL MOUNTING BRACKETS AND INSULATORS. DIMENSIONS: 1/4" THICK, 4" HIGH, 12" LENGTH. AS MOUNT 24" AFF (UON).

A4 TYPICAL TMGB GROUND BAR DETAIL
SCALE: NOT TO SCALE



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BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC/B.L.T.L.

ACTIVITY
PER SAT TO DOCUMENT FROM GERARD MONTANI (PH/BRANCH HEAD) WITH HEAD AT NAVAL STATION NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES: SMW | DRW: CGK | CHK: JMR

PM/DM: MLWLEJ

BRANCH MANAGER

CHIEF ENGINEER DWG

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NEWPORT, RHODE ISLAND

NAVAL STATION NEWPORT

NEWPORT, RHODE ISLAND

RENOVATION OF NGIS, BUILDING 172

TELECOMMUNICATION DETAILS

SCALE: AS NOTED

EPROJECT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719584

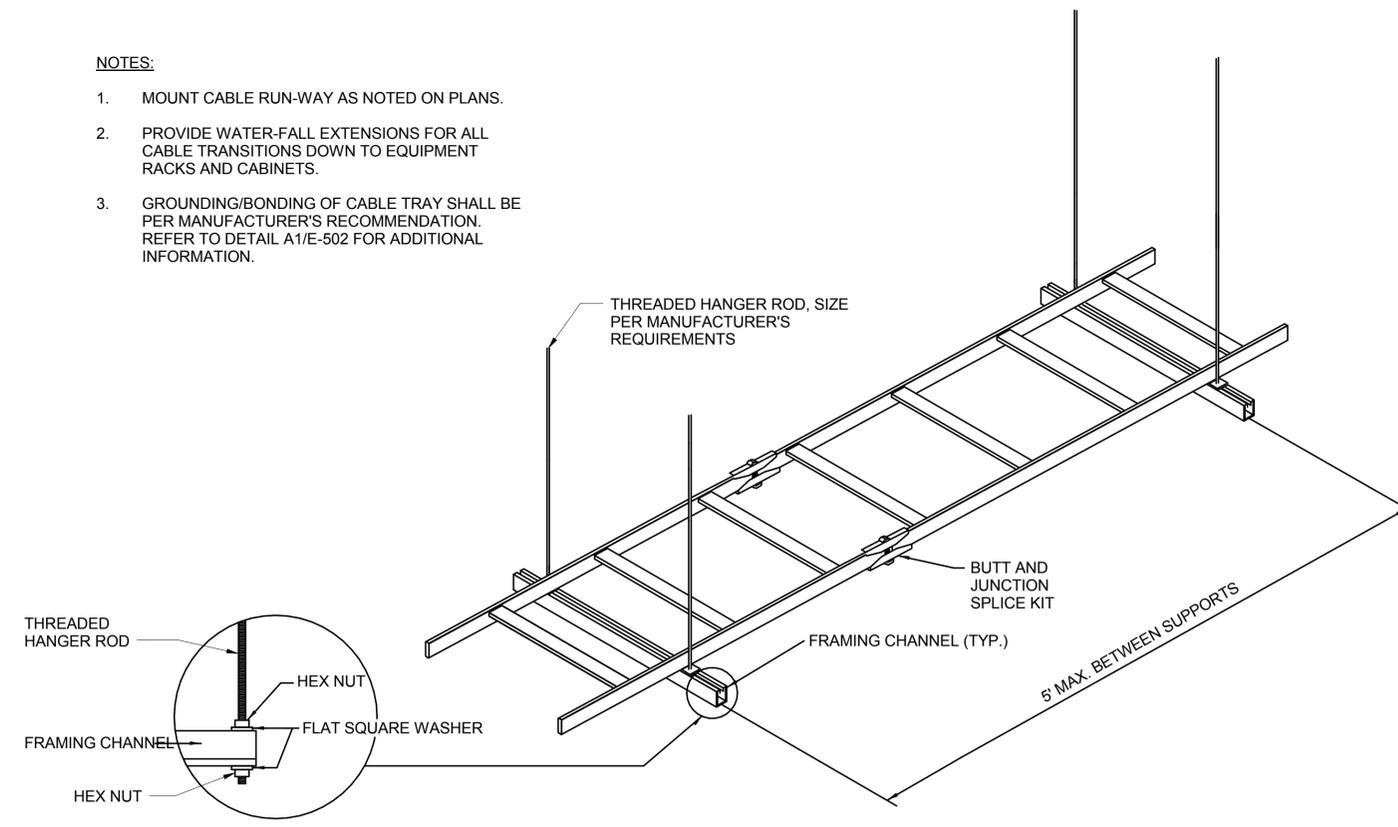
SHEET 199 OF 200

TN502

DRAWING REVISION: 10 MAY 2014

NOTES:

- 1. MOUNT CABLE RUN-WAY AS NOTED ON PLANS.
- 2. PROVIDE WATER-FALL EXTENSIONS FOR ALL CABLE TRANSITIONS DOWN TO EQUIPMENT RACKS AND CABINETS.
- 3. GROUNDING/BONDING OF CABLE TRAY SHALL BE PER MANUFACTURER'S RECOMMENDATION. REFER TO DETAIL A1/E-502 FOR ADDITIONAL INFORMATION.



(A1) TYPICAL CABLE RUN-WAY SUPPORT
SCALE: NOT TO SCALE



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1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320

APPROVED

FOR COMMANDER NAVFAC / B.L.T.L.

ACTIVITY
PER SAT TO DOCUMENT FROM GERARD MONTANI
(PHBRANCH) HEAD WITH HEAD AT NAVAL STATION
NEWPORT-NEWPORT, RI

SATISFACTORY TO DATE 4/20/16

DES SMW DRW CGK CHK JMR

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DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
NORTH IPT
NAVAL STATION NEWPORT
NEWPORT, RHODE ISLAND
NEWPORT, RHODE ISLAND
RENOVATION OF NGIS, BUILDING 172
TELECOMMUNICATION DETAILS

SCALE: AS NOTED

PROJECT NO. 13770079

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12719585

SHEET 200 OF 200

TN503

DRAWFORM REVISION: 10 MAY 2014

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