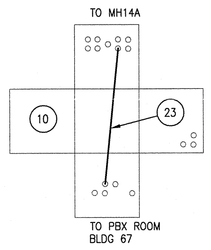
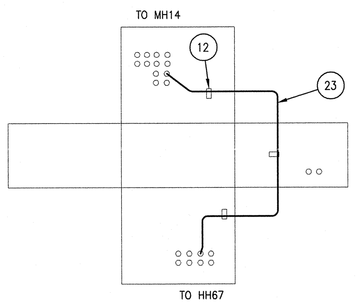
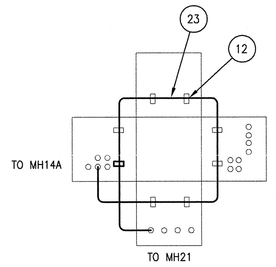
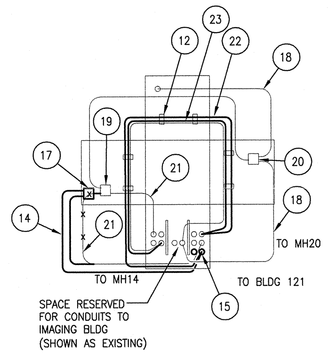
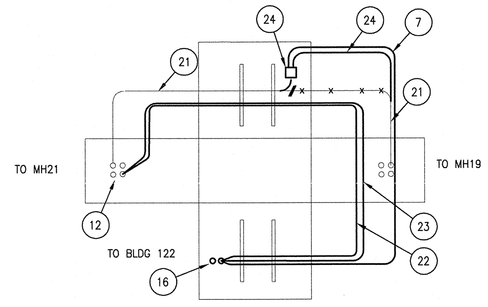










2 HH67

SCALE: NONE TRUE NORTH

3 MH14A

SCALE: NONE TRUE NORTH

4 MH14

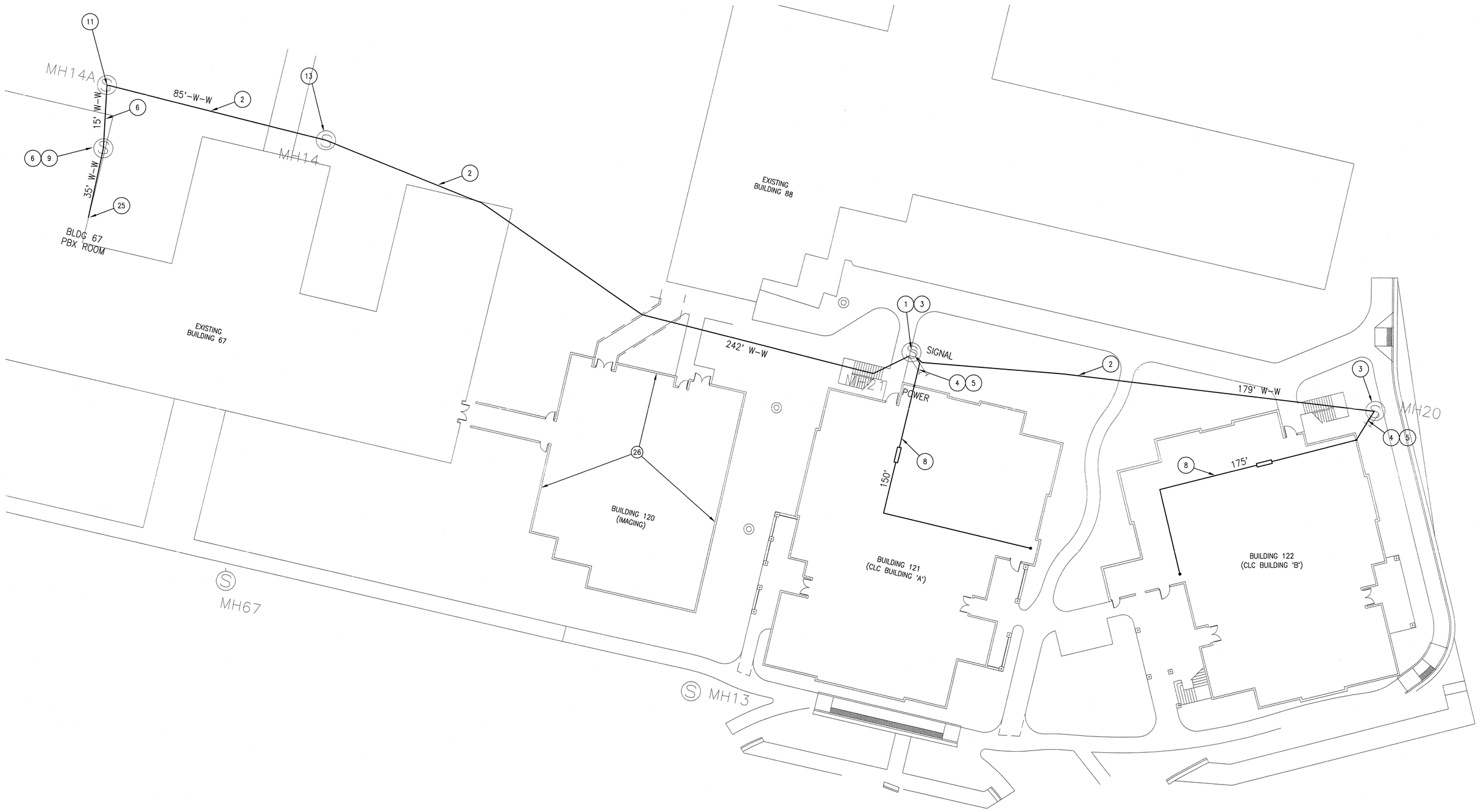
SCALE: NONE TRUE NORTH

5 MH21

SCALE: NONE TRUE NORTH

6 MH20

SCALE: NONE TRUE NORTH



1 TELECOMMUNICATION SITE PLAN

0' 15' 30' 45' 60' 75' 90'

SCALE: 1"=20'-0" TRUE NORTH

GENERAL NOTES:

A. INSTALL ALL PRODUCTS PER MANUFACTURER'S REQUIREMENTS.

B. INSTALL CABLES IN VACANT INNERDUCT CELLS WHERE AVAILABLE AND PULL WITH NEW INNERDUCT IN NEW VACANT CONDUIT. SEAL OCCUPIED DUCT ENDS WITH AIR BAGS AND VACANT DUCTS WITH REUSABLE PLASTIC PLUGS.

C. COORDINATE WITH SITE WORK PROVIDING ELECTRICAL CONDUITS PARALLEL TO SIGNAL UNDERGROUND FACILITIES.

D. DISTANCES ARE RECORD MEASUREMENTS AND PROVIDE FOR GENERAL ESTIMATE OF CABLE LENGTH AND INSTALLATION LABOR REQUIREMENTS. CONTRACTOR SHALL VERIFY CABLE LENGTH REQUIREMENTS AND PROVIDE SUFFICIENT CABLE FOR RACKING ALONG VAULT WALLS, ROUTING TO TERMINATION HARDWARE AND SLACK FOR TERMINATION.

E. MAKE CONNECTIONS, SPLICES AND JOINTS IN UNDERGROUND VAULTS WATERTIGHT.

F. REFER TO CIVIL DRAWINGS FOR LOCATION OF EXISTING UNDERGROUND VAULTS AND CONDUITS.

SHEET NOTES:

1. EXISTING MANHOLE 21. REFER TO DETAIL 5 THIS SHEET.
2. INSTALL NEW CABLES IN EXISTING CONDUIT WITH VACANT INNERDUCT BETWEEN EXISTING MANHOLES.
3. CORE DRILL EXISTING VAULT AND INSTALL NEW CONDUITS WITH BELL ENDS FLUSH WITH INTERIOR WALL. SEAL WALL PENETRATION WATERTIGHT.
4. INSTALL 2 UNITS OF 3-CELL MAXCELL INNERDUCT FOR 4" CONDUIT IN NEW 1 VACANT 4" CONDUIT ALONG WITH NEW OPTICAL FIBER CABLES. FOLLOW MANUFACTURER'S INSTRUCTIONS SPECIFICALLY REGARDING USE OF SWIVELS AND PRODUCT MANAGEMENT DURING INSTALLATION TO AVOID TWISTING. ONE CONDUIT TO REMAIN VACANT.
5. CONNECT NEW CONDUITS TO CONDUITS EXTENDING FROM BUILDING FOUNDATION. MAKE JOINT WATERTIGHT. PULL NEW CABLE INTO BUILDING TELECOM ROOM.
6. HAND PULL CABLES THROUGH SHORT SECTION OF CONGESTED CONDUIT. USE CABLE LUBRICANT. NO INNERDUCT REQUIRED.
7. NEW COAXIAL CABLE TO BUILDING B.
8. PROVIDE 2-4" CONDUITS ABOVE CEILING OF GROUND FLOOR TO PULL BOX AND INTO BUILDING TELECOMMUNICATIONS SPACE. SEAL CONDUIT ENDS. INSTALL CABLES THROUGH CONDUITS BETWEEN BUILDINGS. RE: AE3.2-1 & -2.
9. REFER TO DETAIL 2 THIS SHEET.
10. HAND PULL CABLES THROUGH VAULT WITH NO RACKING. ROUTE THROUGH CONGESTED CONDUITS TO PBX ROOM. USE CABLE LUBRICANT. NO INNERDUCT REQUIRED.
11. REFER TO DETAIL 3 THIS SHEET.
12. INSTALL NEW CABLES THROUGH EXISTING VACANT MAXCELL INNERDUCT CELLS AND SUPPORT ON EXISTING RACKING HARDWARE AS SHOWN.
13. REFER TO DETAIL 4 THIS SHEET.
14. NEW COAXIAL CABLE BUILDING A.
15. NEW CONDUITS, CABLES AND INNERDUCT TO BUILDING A.
16. NEW CABLES AND INNERDUCT TO BUILDING B.
17. NEW MOTOROLA SSP-16N DIRECTIONAL TAP. INSERT SERVICE TO BUILDING A ON HIGH LOSS LEG. CONNECT DOWNSTREAM TO LOW LOSS LEG.
18. EXISTING .750 COAXIAL CABLE (MATV).
19. EXISTING MOTOROLA SSP-3N SPLITTER.
20. EXISTING MOTOROLA SSP-16N DIRECTIONAL TAP.
21. REROUTE EXISTING CABLE AS SHOWN.
22. NEW OPTICAL FIBER CABLE FROM BUILDING B TO BUILDING A.
23. NEW OPTICAL FIBER CABLE FROM BUILDING 67 TO BUILDING B.
24. NEW MOTOROLA SSP-16N DIRECTIONAL TAP. INSERT SERVICE TO BUILDING B ON LOW HIGH LOSS LEG. CONNECT DOWNSTREAM TO LOW LOSS LEG.
25. TERMINATE NEW OPTICAL FIBER CABLE ON NEW WALL MOUNT ENCLOSURE ON CONNECTOR PANELS WITH DUPLEX LC CONNECTORS. COORDINATE LOCATION WITH OWNER. TEST AND LABEL THE INSTALLATION.
26. BUILDING OUTLINE INDICATES PROPOSED NEW STRUCTURE TO BE CONSTRUCTED ADJACENT TO THE EXTENDED CARE UNIT PROJECT. WORK ASSOCIATED WITH THIS PROJECT IS NOT A PART OF THE CONTRACTOR'S SCOPE.

REVISIONS	DATE

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PROFESSIONAL ENGINEER REGISTERED 12201 12-1-11 STATE OF IDAHO AMY K. DOCKTER

CAD FILE NAME: 531-319_SDE2.1.DWG

XREF FILE NAME: 531-319_xSD_30X42TLBK.DWG, 531-319_xSD_ELECTRICAL.DWG, 531-319_xSD_SITE.DWG, 531-319_xSITEBASE.DWG

DRAWING TITLE: TELECOMMUNICATION SITE PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE: BOISE VAMC NEW EXTENDED CARE UNIT SITE DEVELOPEMENT

BUILDING NUMBER: 121 & 122 | CHECKED: AKD | DRAWN: JCG

LOCATION: VAMC BOISE, IDAHO

DATE: 12/01/2011

PROJECT NO.: 531-319

DRAWING NO.: SDE2.1

DWG 12 OF 12

DEPARTMENT OF VETERANS AFFAIRS

Username: jromlein
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