

# NORTH CAROLINA AIR NATIONAL GUARD

## EXTEND COMMUNICATIONS DUCT BANK 145th AIRLIFT WING CHARLOTTE, NC



CONTRACT NO.: W9133L-15-D-0004  
TASK ORDER NO.: W50S87-20-F-5014  
PN: FJRP182510

B-3 DESIGN SUBMISSION  
MARCH 2022

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VF101	OVERALL SITE PLAN
CD101	PARTIAL EXISTING CONDITIONS AND DEMOLITION PLAN 1
CD102	PARTIAL EXISTING CONDITIONS AND DEMOLITION PLAN 2
CS101	PARTIAL SITE, UTILITY, AND GRADING PLAN 1
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CE101	PARTIAL EROSION AND SEDIMENT CONTROL PLAN 1
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C-030	CIVIL SITE DETAILS
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E-103	PARTIAL ELECTRICAL SITE PLAN 2
E-501	ELECTRICAL DETAILS















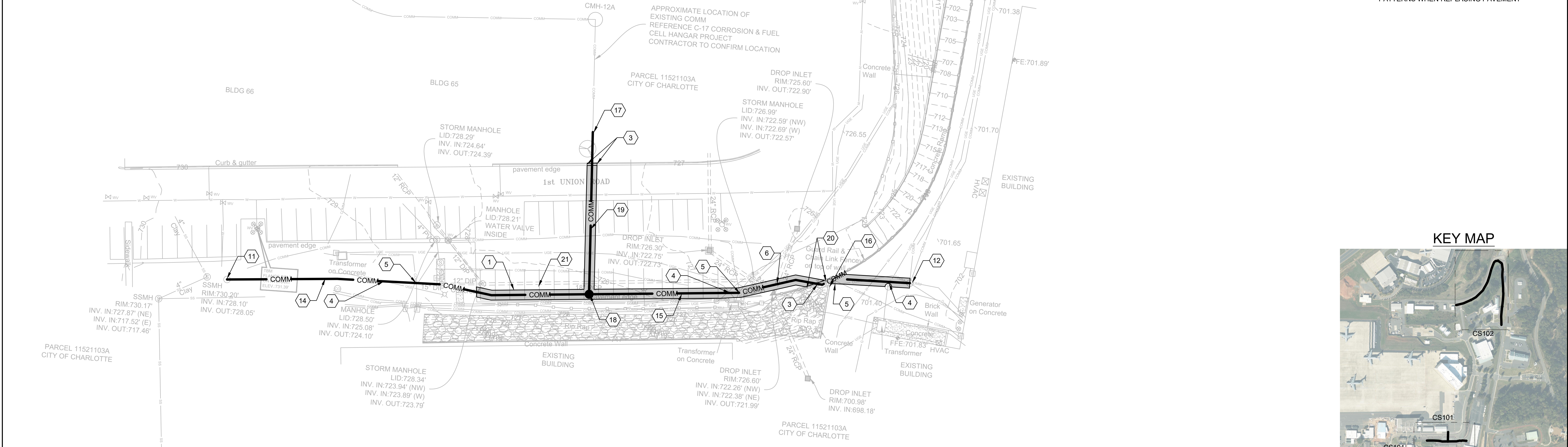






PARTIAL SITE, UTILITY, AND GRADING PLAN AREA 1

1" = 30'



PARTIAL SITE, UTILITY, AND GRADING PLAN AREA 2

1" = 30'

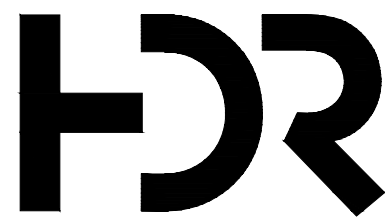
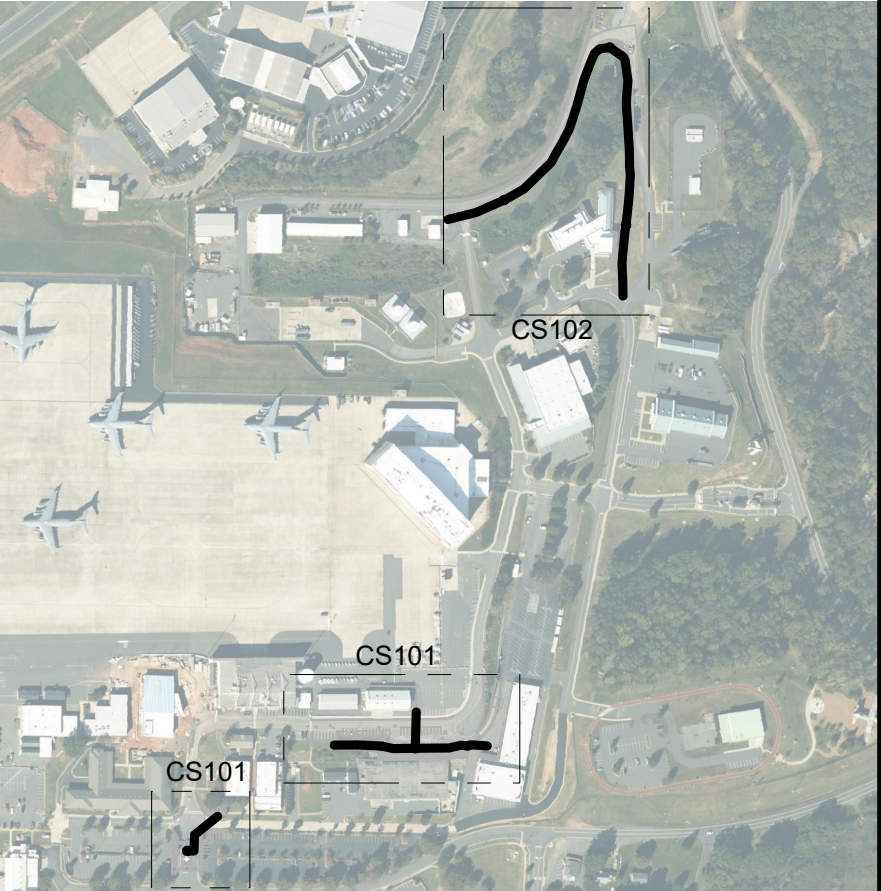
KEY NOTES #

1. MATCH EXISTING ASPHALT PAVEMENT, SEE DETAIL 1, SHEET C-030.
2. MATCH EXISTING CONCRETE PAVEMENT, SEE DETAIL 4, SHEET C-030.
3. MATCH EXISTING CURB TYPE AND ELEVATION, SEE DETAIL 2, SHEET C-030.
4. PROTECT EXISTING UNDERGROUND ELECTRIC.
5. PROTECT EXISTING UNDERGROUND COMMUNICATION.
6. PROTECT EXISTING STORM DRAINAGE.
7. PROTECT EXISTING WATER.
8. PROTECT EXISTING SANITARY SEWER.
9. PROTECT EXISTING GAS.
10. CONNECT TO EXISTING COMMUNICATION MH20.
11. CONNECT TO EXISTING COMMUNICATION MH13.
12. CONNECT TO EXISTING COMMUNICATION MH12.
13. APPROXIMATELY 145 LF NEW DUCT BANK.
14. APPROXIMATELY 220 LF NEW DUCT BANK.
15. APPROXIMATELY 226 LF NEW DUCT BANK.
16. APPROXIMATELY 30 LF VERTICAL DUCT BANK. (INCLUDED IN TOTAL LENGTH, NOTE 15)
17. INSTALL HANDHOLD AND CONNECT TO EXISTING STUB. CONTRACTOR TO VERIFY LOCATION.
18. PROVIDE NEW COMMUNICATION MANHOLE. SEE ELECTRICAL PLANS FOR CONTINUATION TO BUILDING.
19. APPROXIMATELY 99 LF NEW DUCT BANK.
20. REMOVE AND REPLACE GUARDRAIL.
21. RESTRIPE PARKING SPACES AS REQUIRED.

GENERAL NOTES:

1. CONTRACTOR TO COORDINATE ALL ROAD CLOSURES WITH GOVERNMENT
2. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE PATTERNS WHEN REPLACING PAVEMENT

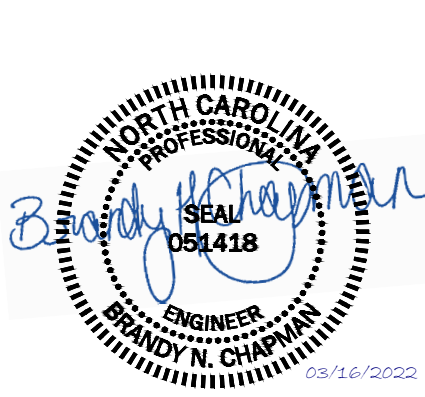
KEY MAP



ISSUE	DATE	DESCRIPTION
-	MARCH 2022	B-3 DESIGN SUBMITTAL

PROJECT MANAGER DEREK WORLEY

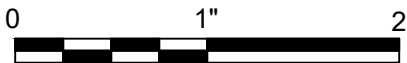
DESIGNED BY:	BRANDY CHAPMAN
DRAWN BY:	BRANDY CHAPMAN
CHECKED BY:	CHRIS TYNES
CONTRACT #:	W9133L-15-D-0004
ANG PROJECT #:	FJRP182510
HDR PROJECT #:	10226692



EXTEND COMMUNICATIONS DUCT BANK

NC AIR NATIONAL GUARD  
145TH AIRLIFT WING  
CHARLOTTE, NC

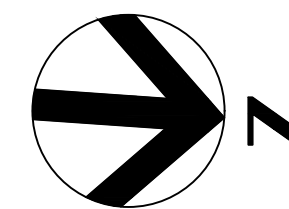
CHARLOTTE AIR NATIONAL GUARD BASE  
PARTIAL SITE, UTILITY, AND GRADING  
PLAN 1



FILENAME | CS101.DWG  
SCALE | 1" = 30'

SHEET  
CS101





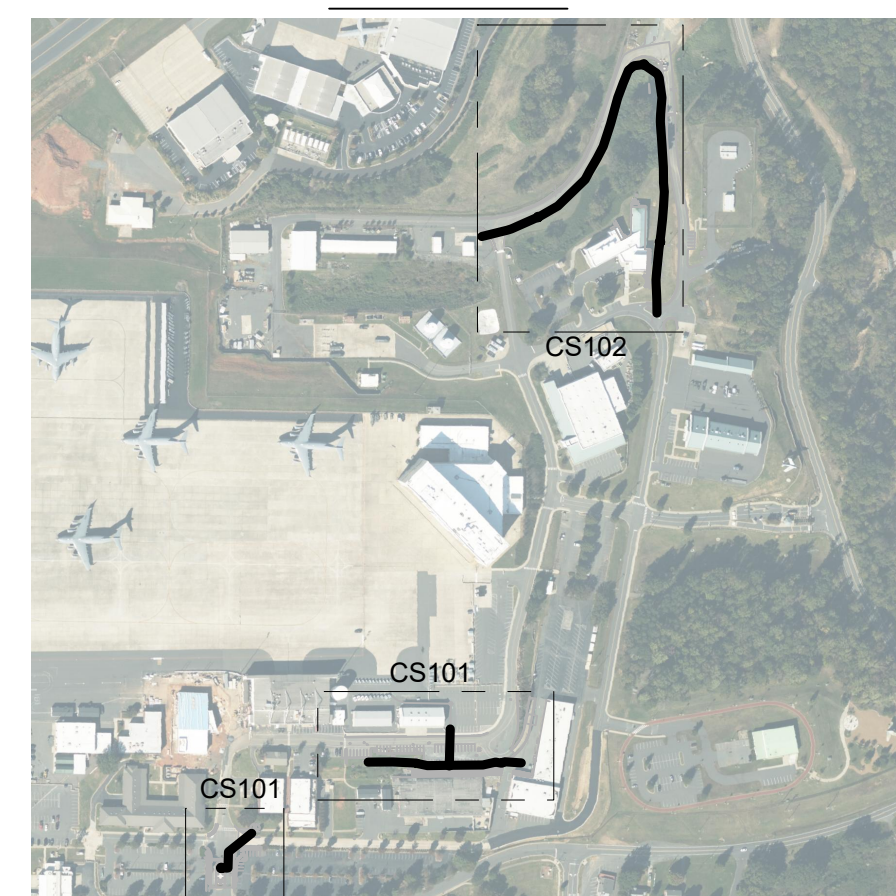
**KEY NOTES** :

1. MATCH EXISTING ASPHALT PAVEMENT ELEVATION  
SEE DETAIL 1, SHEET C-030.
2. APPROXIMATELY 20 LF NEW CURB AND GUTTER SEE  
DETAIL 2, SHEET C-030
3. CONNECT TO EXISTING COMMUNICATION MH#-1.
4. PROTECT EXISTING UNDERGROUND ELECTRIC.
5. PROTECT EXISTING UNDERGROUND  
COMMUNICATION.
6. PROTECT EXISTING STORM DRAINAGE.
7. PROTECT EXISTING SANITARY SEWER.
8. PROTECT EXISTING UNDERGROUND GAS.
9. CONNECT TO EXISTING COMMUNICATION VAULT  
HH-4.
10. APPROXIMATELY 192 LF NEW DUCT BANK.
11. APPROXIMATELY 502 LF NEW DUCT BANK.
12. APPROXIMATELY 529 LF NEW DUCT BANK.
13. APPROXIMATELY 162 LF NEW DUCT BANK.
14. REMOVE AND RE-PLACE EXISTING CHAIN LINK FENCE  
AS REQUIRED. COORDINATE WITH GOVERNMENT.
15. PROVIDE NEW COMMUNICATION MANHOLE  
ELEVATION = 683.4'.
16. PROVIDE NEW COMMUNICATION MANHOLE  
ELEVATION = 673.3'.
17. PROVIDE NEW COMMUNICATION MANHOLE  
ELEVATION = 685.7'.

GENERAL NOTES:

15. CONTRACTOR TO COORDINATE ALL ROAD CLOSURES WITH GOVERNMENT
16. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE PATTERNS WHEN REPLACING PAVEMENT.

## KEY MAP



### PARTIAL SITE, UTILITY, AND GRADING PLAN AREA 3

---

1" = 30'



-	MARCH 2022	B-3 DESIGN SUBMITTAL
<b>ISSUE</b>	<b>DATE</b>	<b>DESCRIPTION</b>

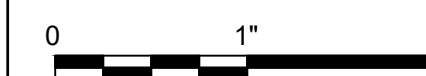
<b>PROJECT MANAGER</b>	DEREK WORLEY
DESIGNED BY:	BRANDY CHAPMAN
DRAWN BY:	BRANDY CHAPMAN
CHECKED BY:	CHRIS TYNES
<b>CONTRACT #:</b>	W9133L-15-D-0004
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**NC AIR NATIONAL GUARD  
145TH AIRLIFT WING  
CHARLOTTE, NC**

**CHARLOTTE AIR NATIONAL GUARD BASE  
PARTIAL SITE, UTILITY, AND GRADING PLAN 2**



<b>FILENAME</b>	CS102.DWG
<b>SCALE</b>	1" = 30'

SHEET  
CS102