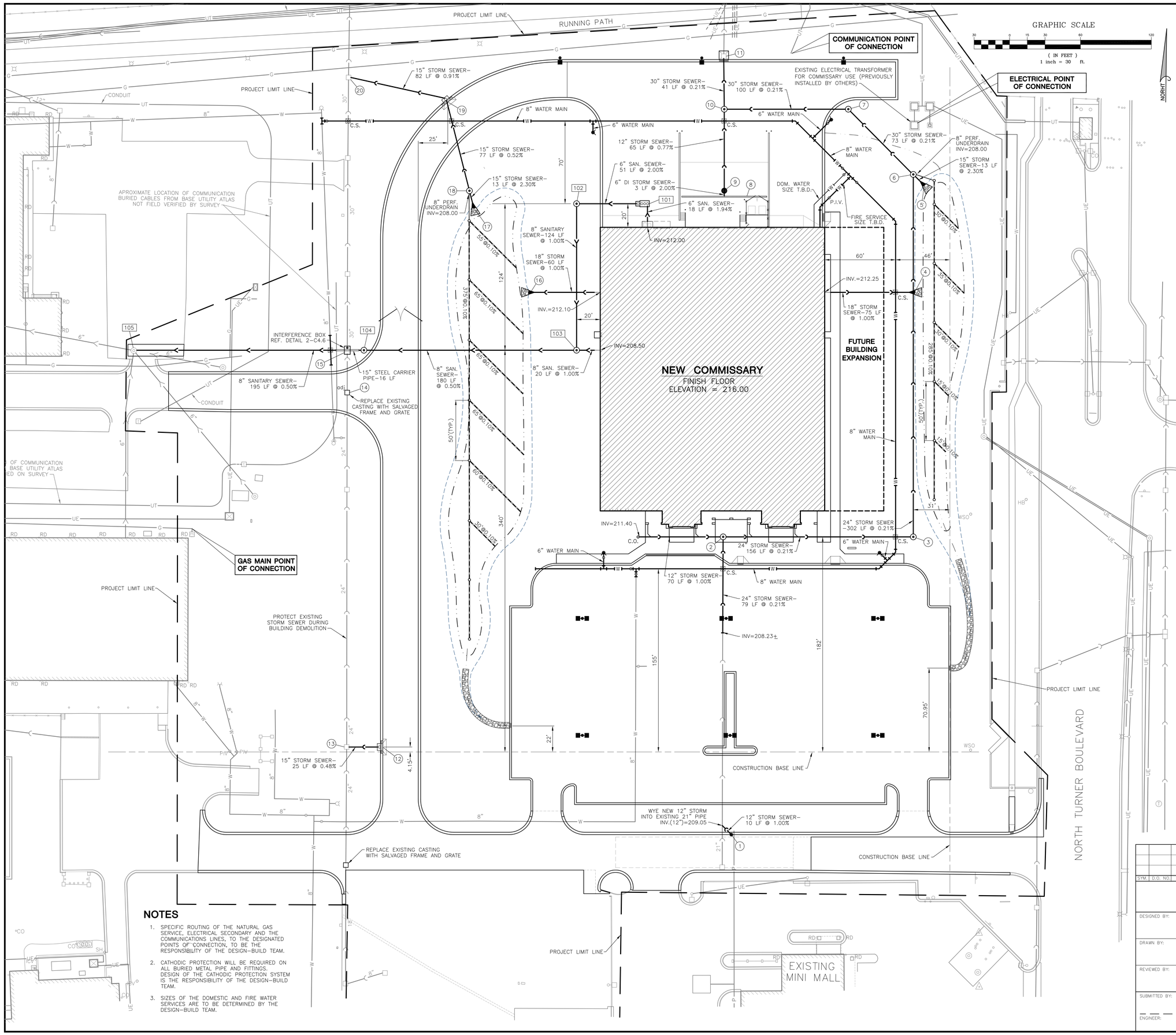

NOTES

1. SPECIFIC ROUTING OF THE NATURAL GAS SERVICE, ELECTRICAL SECONDARY AND THE COMMUNICATIONS LINES, TO THE DESIGNATED POINTS OF CONNECTION, TO BE THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM.
2. CATHODIC PROTECTION WILL BE REQUIRED ON ALL BURIED METAL PIPE AND FITTINGS. DESIGN OF THE CATHODIC PROTECTION SYSTEM IS THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM.
3. SIZES OF THE DOMESTIC AND FIRE WATER SERVICES ARE TO BE DETERMINED BY THE DESIGN-BUILD TEAM.

SYMBOL LEGEND

- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING VALVE BOX
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- W — EXISTING WATER MAIN
- UE — EXISTING UNDERGROUND ELECTRIC
- UT — EXISTING UNDERGROUND TELEPHONE
- P — EXISTING PETROLEUM LINE
- NEW 4' DIA. CATCH BASIN, REF. DETAIL 4-C4.2
- NEW 2' DIA. CATCH BASIN, REF. DETAIL 8-C4.2
- NEW MANHOLE, REF. DETAIL 5-C4.2
- C.O. NEW CLEAN-OUT, REF. DETAIL 3-C4.2
- NEW FLARED END SECTION, REF. DETAIL 5-C4.5
- NEW FIRE HYDRANT, REF. DETAIL 1-C4.3
- NEW VALVE IN VALVE BOX, REF. DETAIL 2-C4.3
- P.I.V. NEW POST INDICATOR VALVE, REF. DETAIL 3-C4.3
- NEW TYPE A-1 DRAINAGE STRUCTURE, REF. DETAIL 1-C4.2
- NEW STORM SEWER
- NEW SANITARY SEWER
- W NEW WATER MAIN
- NEW TRENCH DRAIN, REF. DETAIL 7-C4.2
- NEW GREASE TRAP
- C.S. NEW 6" CONCRETE COVER SLAB, REF. DETAIL 1-C4.6
- NEW SWALE LINE
- adj ADJUST EXISTING DRAINAGE STRUCTURE RIM ELEVATION
- NEW RIP-RAP OUTLET, REF. DETAIL 7-C4.5
- 4" PVC ACCESS PORT WITH REMOVABLE CAP, REF. DETAIL 6-C4.5
- 8" PERFORATED PVC UNDERDRAIN IN GRAVEL TRENCH REF. DETAIL 6-C4.5
- NEW SITE LIGHTING FIXTURE

DRAINAGE STRUCTURES

1. 2' DIA. CATCH BASIN RIM=212.60 INV.=209.15(12"NW)
2. 4' DIA. MANHOLE RIM=215.75 INV.=210.00(12"W) INV.=208.00(24"S) INV.=207.95(24"E)
3. 4' DIA. MANHOLE RIM=213.70 INV.=207.63(24"W) INV.=207.63(24"N)
4. 18" CONCRETE FLARED END SECTION INV.=211.50
5. 15" CONCRETE FLARED END SECTION INV.=211.50
6. 5' DIA. MANHOLE WITH FLAT SLAB TOP RIM=214.15 INV.=211.20(15"SE) INV.=207.00(24"S) INV.=207.00(30"NW)
7. 5' DIA. MANHOLE WITH FLAT SLAB TOP RIM=213.25 INV.=206.85(30"SE&W)
8. TRENCH DRAIN RIM=211.50 INV.=209.25(6"N)
9. 4' DIA. CATCH BASIN WITH FLAT SLAB TOP RIM=211.60 INV.=209.19(6"S) INV.=208.60(12"N)
10. 5' DIA. MANHOLE WITH FLAT SLAB TOP RIM=212.20 INV.=208.10(12"S) INV.=206.64(30"E&N)
11. EXISTING DRAINAGE STRUCTURE RIM=211.45 INV.=206.55(EXISTING 30"S&N)
12. TYPE 1 DRAINAGE STRUCTURE CURB OPENING=210.75 INV.=208.09(15"W)
13. EXISTING DRAINAGE STRUCTURE RIM=210.97 INV.=207.97(15"E) INV.=207.27(EXISTING 24"S&N)
14. ADJUST EXISTING DRAINAGE STRUCTURE NEW RIM=211.60 EXISTING RIM=210.20 INV.=206.30(EXISTING 24"S) INV.=206.30(EXISTING 30"N)
15. CONCRETE INTERFERENCE BOX RIM=211.95 INV.=207.07(8" SANITARY SEWER) INV.=206.28(EXISTING 30"S&N)
16. 18" CONCRETE FLARED END SECTION INV.=211.50
17. 15" REINFORCED CONCRETE FLARED END SECTION INV.=211.50
18. 4' DIA. MANHOLE WITH FLAT SLAB TOP RIM=214.15 INV.=211.20(15"S) INV.=207.70(15"N)
19. TYPE 1 DRAINAGE STRUCTURE CURB OPENING=210.20 INV.=207.30(15"S) INV.=207.20(15"W)
20. EXISTING DRAINAGE STRUCTURE RIM=210.11 INV.=206.45(NEW 12"E) INV.=205.61(EXISTING 30"S&N)

SANITARY STRUCTURES

- 101 1000 GALLON GREASE TRAP RIM=215.45 INLET=211.65(6"S) OUTLET=211.40(6"W)
- 102 4' DIA. MANHOLE RIM=214.65 INV.=210.43(6"E) INV.=210.00(8"S)
- 103 4' DIA. MANHOLE RIM=214.85 INV.=208.30(8"E) INV.=207.80(8"N) INV.=208.10(8"W)
- 104 4' DIA. MANHOLE RIM=212.75 INV.=207.22(8"E) INV.=207.12(8"W)
- 105 EXISTING MANHOLE RIM=210.07 INV.=206.17(NEW 8"E) INV.=206.07(EXISTING OUTLET)

SYM.	D.O. NO.	ACTION	DATE	DESCRIPTION OF REVISION
			27 JUN 2012	AMENDMENT 0001

DEFENSE COMMISSARY AGENCY
DeCA LOGISTICS AND ENGINEERING GROUP
FORT LEE, VIRGINIA
LACKLAND AFB, TEXAS

DESIGNED BY:
DRAWN BY:
REVIEWED BY:
SUBMITTED BY:
ENGINEER:

DESIGN/BUILD NEW COMMISSARY

SITE UTILITY PLAN

MAXWELL A.F.B. – GUNTER ANNEX, ALABAMA

SOL. NO. HDEC03-12-R-0003 DATE: 27 JUN 2012
PROJECT NO. DEC4MP05
DRAWING NUMBER
SHEET NO. OF
SEQUENCE NO. C6.1