NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC WASHINGTON

Contract # N62470-09-D-9044 FY-13

Contract Drawings for:

P125 TEMPORARY MEDICAL FACILITIES

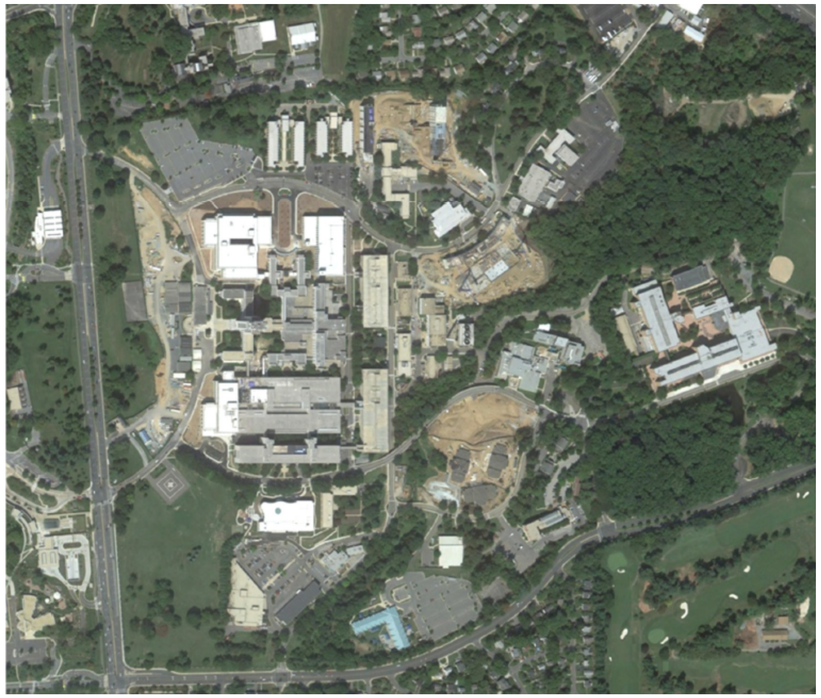
PACKAGE 2 - CLINIC BUILDING

VOLUME 1

WRNMMC Bethesda, Maryland

FINAL CORRECTED SET

MARCH 26, 2014



HDR Architecture, Inc.

1101 KING ST. ALEXANDRIA,VA 22314 66062 I P: 703.518.8500

STANTON ENGINEERING SERVICES, LLC

10280 Old Columbia Road, Columbia, MD 21046 | P: (410) 290-9301

R.I.B. U.S. COST

201 12th Street, Suite 502, Arlington VA, 22202 | P: (800) 624-4307

HALEY & ALDRICH

7926 Jones Branch Drive Suite 870 McLean, VA 22102 | P: (703) 336-6200

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMISSION	04/26/13
	35% SUBMISSION	03/08/13
	20% SUBMISSION	01/18/13

COMMONWEALTH OF VIRGINIA
PAUL G. HEFLIN
012267
3/26/2014
ARCHITECT

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	SW	DRW	GB	CHK	HE

PM/DM: CHEMENJU/HILL

BRANCH MANAGER: N/A

CHIEF ENG/ARCH: TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda

BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GENERAL - COVER SHEET

SCALE: 12" = 1'-0"

EPROJECT NO.: 1151333

CONSTR. CONTR. NO.: N62470-09-D-9044

NAVFAC DRAWING NO.: 13065721

SHEET 0 OF 0

G-001

C:\vet\191274-A-F2-CENTRAL_gowhite.rvt 3/19/2014 3:31:23 PM

INDEX OF DRAWINGS VOLUME 1

NAVFAC_ DWG_NO	Sheet Number	Sheet Name
GENERAL		
13065721	G-001	GENERAL - COVER SHEET
13065722	G-001A	GENERAL - INDEX OF DRAWINGS
13065723	G-001B	GENERAL - INDEX OF DRAWINGS CONTINUED
13065724	G-002	GENERAL - GENERAL NOTES, ABBREVIATIONS & LEGENDS
13065725	G-003	GENERAL - LIFE SAFETY - GENERAL NOTES AND BUILDING CODE SUMMARY
13065726	G-004	GENERAL - BUSINESS OCCUPANCY TABLE - FIRST FLOOR
13065727	G-005	GENERAL - BUSINESS OCCUPANCY TABLE - SECOND FLOOR
13065728	G-006	GENERAL - ASSEMBLY AND EDUCATION OCCUPANCY TABLE
13065729	G-101	GENERAL - LIFE SAFETY SITE PLAN
13065730	G-101-AB	GENERAL - LIFE SAFETY PLAN - FIRST FLOOR AREAS A, B1 AND B2
13065731	G-101-CD	GENERAL - LIFE SAFETY PLAN - FIRST FLOOR AREAS B3, B4, C AND D
13065732	G-102-AB	GENERAL - LIFE SAFETY PLAN - SECOND FLOOR AREAS A B1, AND B2
13065733	G-102-CD	GENERAL - LIFE SAFETY PLAN - SECOND FLOOR AREAS B3, B4, C AND D
GEOTECHNICAL		
13065734	B-101	GEOTECHNICAL - SOIL BORING PLAN
13065735	B-601	GEOTECHNICAL - SOIL BORING LOG
13065736	B-602	GEOTECHNICAL - SOIL BORING LOG
13065737	B-603	GEOTECHNICAL - SOIL BORING LOG
13065738	B-604	GEOTECHNICAL - SOIL BORING LOG
CIVIL		
13065739	C-001	CIVIL - VICINITY PLAN
13065740	C-002	CIVIL - HAUL ROUTE
13065741	C-101	CIVIL - EXISTING CONDITIONS PLAN
13065742	C-102	CIVIL - EXISTING UTILITIES SURVEY PLAN
13065743	CD-101	CIVIL - DEMOLITION PLAN
13065744	CS-101	CIVIL - STAGING PLAN
13065745	CS-102	CIVIL - SITE LAYOUT, SIGNAGE AND STRIPING PLAN
13065746	CS-103	CIVIL - AUTOTURN SIMULATION ANALYSIS
13065747	CU-101	CIVIL - UTILITIES SITE PLAN
13065748	CG-101	CIVIL - SOIL EROSION AND SEDIMENT CONTROL PLAN
13065752	CU-301	CIVIL - UTILITIES PROFILES
13065753	C-501	CIVIL - CONSTRUCTION DETAILS
13065754	C-502	CIVIL - CONSTRUCTION DETAILS
13065755	C-503	CIVIL - CONSTRUCTION DETAILS
13065757	C-505	CIVIL - SOIL EROSION AND SEDIMENT CONTROL DETAILS
13065758	C-506	CIVIL - SOIL EROSION AND SEDIMENT NOTES
13065760	C-507	CIVIL - VEGETATIVE SPECIFICATIONS
13065761	C-508	CIVIL - VEGETATIVE SPECIFICATIONS
13065762	C-509	CIVIL - VEGETATIVE SPECIFICATIONS
STRUCTURAL		
13065763	S-001	STRUCTURAL - GENERAL NOTES
13065764	S-002	STRUCTURAL - SCHEDULE OF SPECIAL INSPECTIONS
13065765	SB-101-A	STRUCTURAL - FOUNDATION PLAN - AREA A
13065766	SB-101-B	STRUCTURAL - FOUNDATION PLAN - AREA B
13065767	SB-101-C	STRUCTURAL - FOUNDATION PLAN - AREA C
13065768	SB-101-D	STRUCTURAL - FOUNDATION PLAN - AREA D
13065769	S-101-A	STRUCTURAL - PLATFORM FRAMING PLAN - AREA A
13065770	S-101-B	STRUCTURAL - PLATFORM FRAMING PLAN - AREA B
13065771	S-101-C	STRUCTURAL - PLATFORM FRAMING PLAN - AREA C
13065772	S-101-D	STRUCTURAL - PLATFORM FRAMING PLAN - AREA D
13065773	S-401	STRUCTURAL - SECTIONS AND DETAILS
13065774	S-402	STRUCTURAL - SECTIONS AND DETAILS
13065775	S-501	STRUCTURAL - SECTIONS AND DETAILS
ARCHITECTURAL		
13065776	A-10C	ARCHITECTURAL - FLOOR PLAN - CRAWLSPACE OVERALL
13065777	A-101	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR OVERALL
13065778	A-101-A1	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA A1
13065779	A-101-A2	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA A2
13065780	A-101-A3	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA A3
13065781	A-101-A4	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA A4
13065782	A-101-B1	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA B1
13065783	A-101-B2	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA B2
13065784	A-101-B3	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA B3
13065785	A-101-B4	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA B4
13065786	A-101-C1	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA C1
13065787	A-101-C2	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA C2
13065788	A-101-C3	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA C3
13065789	A-101-C4	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA C4
13065790	A-101-D1	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA D1
13065791	A-101-D2	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR AREA D2
13065792	A-102	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR OVERALL
13065793	A-102-A1	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA A1
13065794	A-102-A2	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA A2
13065795	A-102-A3	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA A3
13065796	A-102-A4	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA A4
13065801	A-102-B1	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA B1
13065802	A-102-B2	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA B2
13065803	A-102-B3	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA B3
13065804	A-102-B4	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA B4
13065805	A-102-C1	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA C1
13065806	A-102-C2	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA C2
13065807	A-102-C3	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA C3
13065808	A-102-C4	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR AREA C4
13065809	A-103	ARCHITECTURAL - FLOOR PLAN - ROOF
13065810	AC-101-A	ARCHITECTURAL - REFLECTED CEILING PLAN - FIRST FLOOR AREA A
13065811	AC-101-B	ARCHITECTURAL - REFLECTED CEILING PLAN - FIRST FLOOR AREA B
13065812	AC-101-C	ARCHITECTURAL - REFLECTED CEILING PLAN - FIRST FLOOR AREA C
13065813	AC-101-D	ARCHITECTURAL - REFLECTED CEILING PLAN - FIRST FLOOR AREA D
13065814	AC-102-A	ARCHITECTURAL - REFLECTED CEILING PLAN - SECOND FLOOR AREA A
13065815	AC-102-B	ARCHITECTURAL - REFLECTED CEILING PLAN - SECOND FLOOR AREA B
13065816	AC-102-C	ARCHITECTURAL - REFLECTED CEILING PLAN - SECOND FLOOR AREA C
13065817	A-201	ARCHITECTURAL - EXTERIOR ELEVATIONS
13065818	A-202	ARCHITECTURAL - EXTERIOR ELEVATIONS
13065819	A-203	ARCHITECTURAL - EXTERIOR ELEVATIONS
13065820	A-204	ARCHITECTURAL - EXTERIOR ELEVATIONS
13065821	A-205	ARCHITECTURAL - EXTERIOR ELEVATIONS
13065822	A-301	ARCHITECTURAL - BUILDING SECTIONS
13065823	A-302	ARCHITECTURAL - BUILDING SECTIONS
13065824	A-310	ARCHITECTURAL - WALL SECTIONS
13065825	A-311	ARCHITECTURAL - WALL SECTIONS

INDEX OF DRAWINGS VOLUME 1

NAVFAC_ DWG_NO	Sheet Number	Sheet Name
13065826	A-312	ARCHITECTURAL - WALL SECTIONS
13065827	A-401	ARCHITECTURAL - ENLARGED ELEVATOR PLANS AND SECTIONS
13065828	A-402	ARCHITECTURAL - ENLARGED STAIR PLANS AND SECTIONS
13065829	A-403	ARCHITECTURAL - ENLARGED STAIR PLANS AND SECTIONS
13065830	A-404	ARCHITECTURAL - ENLARGED STAIR PLANS AND SECTIONS
13065831	A-430	ARCHITECTURAL - INTERIOR ELEVATIONS
13065832	A-431	ARCHITECTURAL - INTERIOR ELEVATIONS
13065833	A-432	ARCHITECTURAL - INTERIOR ELEVATIONS
13065834	A-433	ARCHITECTURAL - INTERIOR ELEVATIONS
13065835	A-434	ARCHITECTURAL - INTERIOR ELEVATIONS
13065836	A-435	ARCHITECTURAL - INTERIOR ELEVATIONS
13065837	A-436	ARCHITECTURAL - INTERIOR ELEVATIONS
13065838	A-437	ARCHITECTURAL - INTERIOR ELEVATIONS
13065839	A-438	ARCHITECTURAL - INTERIOR ELEVATIONS
13065840	A-510	ARCHITECTURAL - INTERIOR DETAILS
13065841	A-520	ARCHITECTURAL - FIRE WALL DETAILS
13065842	A-521	ARCHITECTURAL - PRE-MANUFACTURED STAIR DETAILS
13065843	A-522	ARCHITECTURAL - EXTERIOR DETAILS
13065844	A-523	ARCHITECTURAL - EXTERIOR DETAILS
13065845	A-524	ARCHITECTURAL - EXTERIOR DETAILS
13065846	A-525	ARCHITECTURAL - EXTERIOR DETAILS
13065847	A-601	ARCHITECTURAL - DOOR SCHEDULE
13065848	A-602	ARCHITECTURAL - DOOR SCHEDULE
13065849	A-603	ARCHITECTURAL - DOOR SCHEDULE
13065850	A-604	ARCHITECTURAL - DOOR SCHEDULE
13065851	A-605	ARCHITECTURAL - DOOR SCHEDULE, DOOR AND WINDOW TYPES
13065852	A-611	ARCHITECTURAL - DOOR AND WINDOW FRAME DETAILS
13065853	A-612	ARCHITECTURAL - DOOR AND WINDOW FRAME DETAILS
ARCHITECTURAL INTERIOR		
13065854	AI-501	ARCHITECTURAL - CEILING DETAILS
13065855	AI-510	ARCHITECTURAL - FLOOR AND WALL FINISH DETAILS
13065856	AI-530	ARCHITECTURAL - PARTITION TYPES
13065857	AI-531	ARCHITECTURAL - INTERIOR WALL DETAILS
13065858	AI-540	ARCHITECTURAL - CASEWORK DETAILS
13065859	AI-541	ARCHITECTURAL - CASEWORK DETAILS
13065860	AI-550	ARCHITECTURAL - MOUNTING HEIGHTS
13065861	AI-551	ARCHITECTURAL - STANDARD TOILET LAYOUTS AND ACCESSORY MOUNTING HEIGHTS
13065862	AI-560	ARCHITECTURAL - WALL PROTECTION AND CORNER GUARD DETAILS

Grand total: 133

INDEX OF DRAWINGS VOLUME 2 PART 1

NAVFAC_ DWG_NO	Sheet Number	Sheet Name
GENERAL		
13065863	G-010	GENERAL - COVER SHEET
13065864	G-011	GENERAL - INDEX OF DRAWINGS
13065865	G-011A	GENERAL - INDEX OF DRAWINGS CONTINUED
13065866	G-012	GENERAL - GENERAL NOTES, ABBREVIATIONS & LEGENDS
WAYFINDING		
13065867	AG-101-A	WAYFINDING - ROOM_REG LOCATION PLAN - FIRST FLOOR AREA A
13065868	AG-101-B	WAYFINDING - ROOM_REG LOCATION PLAN - FIRST FLOOR AREA B
13065869	AG-101-C	WAYFINDING - ROOM_REG LOCATION PLAN - FIRST FLOOR AREA C
13065870	AG-101-D	WAYFINDING - ROOM_REG LOCATION PLAN - FIRST FLOOR AREA D
13065871	AG-111-A	WAYFINDING - LIFE SAFETY LOCATION PLAN - FIRST FLOOR AREA A
13065872	AG-111-B	WAYFINDING - LIFE SAFETY LOCATION PLAN - FIRST FLOOR AREA B
13065873	AG-111-C	WAYFINDING - LIFE SAFETY LOCATION PLAN - FIRST FLOOR AREA C
13065874	AG-111-D	WAYFINDING - LIFE SAFETY LOCATION PLAN - FIRST FLOOR AREA D
13065875	AG-102-A	WAYFINDING - ROOM_REG LOCATION PLAN - SECOND FLOOR AREA A
13065876	AG-102-B	WAYFINDING - ROOM_REG LOCATION PLAN - SECOND FLOOR AREA B
13065877	AG-102-C	WAYFINDING - ROOM_REG LOCATION PLAN - SECOND FLOOR AREA C
13065879	AG-112-A	WAYFINDING - LIFE SAFETY LOCATION PLAN - SECOND FLOOR AREA A
13065880	AG-112-B	WAYFINDING - LIFE SAFETY LOCATION PLAN - SECOND FLOOR AREA B
13065881	AG-112-C	WAYFINDING - LIFE SAFETY LOCATION PLAN - SECOND FLOOR AREA C
13065882	AG-501	WAYFINDING - PAINTS & MATERIALS
13065883	AG-501A	WAYFINDING - FONTS & SYMBOLS
13065884	AG-502	WAYFINDING - SIGN TYPE 4
13065885	AG-503	WAYFINDING - SIGN TYPE 5
13065886	AG-504	WAYFINDING - SIGN TYPE 6
13065887	AG-505	WAYFINDING - SIGN TYPE 8
13065888	AG-506	WAYFINDING - SIGN TYPE 9
13065889	AG-507	WAYFINDING - SIGN TYPE 10
13065890	AG-508	WAYFINDING - SIGN TYPE 11
13065891	AG-509	WAYFINDING - SIGN TYPE 13
13065892	AG-510	WAYFINDING - SIGN TYPE 19
13065893	AG-511	WAYFINDING - SIGN TYPE 21
13065894	AG-512	WAYFINDING - SIGN TYPE 22
13065895	AG-513	WAYFINDING - SIGN TYPE 23
13065896	AG-514	WAYFINDING - SIGN TYPE 26
13065897	AG-515	WAYFINDING - SIGN TYPE 28, 29
13065898	AG-518	WAYFINDING - BUILDING NUMBER ID
13065899	AG-601	WAYFINDING - ROOM_REG MESSAGE SCHEDULE - FIRST FLOOR
13065900	AG-602	WAYFINDING - ROOM_REG MESSAGE SCHEDULE - FIRST FLOOR (CONTINUED)
13065901	AG-603	WAYFINDING - ROOM_REG MESSAGE SCHEDULE - FIRST FLOOR (CONTINUED)
13065902	AG-604	WAYFINDING - WAYFINDING MESSAGE SCHEDULE - FIRST FLOOR
13065903	AG-605	WAYFINDING - ROOM_REG MESSAGE SCHEDULE - SECOND FLOOR
13065904	AG-606	WAYFINDING - ROOM_REG MESSAGE SCHEDULE - SECOND FLOOR (CONTINUED)
13065905	AG-607	WAYFINDING - ROOM_REG MESSAGE SCHEDULE - SECOND FLOOR (CON'T) AND ROOF
13065906	AG-608	WAYFINDING - WAYFINDING MESSAGE SCHEDULE - SECOND FLOOR
13065907	AG-609	WAYFINDING - LIFE SAFETY MESSAGE SCHEDULE - FIRST AND SECOND FLOOR
INTERIOR DESIGN		
13065908	IN-101-A	INTERIORS - FLOOR PATTERN PLAN - FIRST FLOOR, AREA A
13065909	IN-101-B	INTERIORS - FLOOR PATTERN PLAN - FIRST FLOOR, AREA B
13065910	IN-101-C	INTERIORS - FLOOR PATTERN PLAN - FIRST FLOOR, AREA C
13065911	IN-101-D	INTERIORS - FLOOR PATTERN PLAN - FIRST FLOOR, AREA D
13065912	IN-102-A	INTERIORS - FLOOR PATTERN PLAN - SECOND FLOOR, AREA A
13065913	IN-102-B	INTERIORS - FLOOR PATTERN PLAN - SECOND FLOOR, AREA B
13065914	IN-102-C	INTERIORS - FLOOR PATTERN PLAN - SECOND FLOOR, AREA C
13065915	IP-101-A	INTERIORS - WALL PROTECTION PLAN - FIRST FLOOR, AREA A
13065916	IP-101-B	INTERIORS - WALL PROTECTION PLAN - FIRST FLOOR, AREA B
13065917	IP-101-C	INTERIORS - WALL PROTECTION PLAN - FIRST FLOOR, AREA C
13065918	IP-101-D	INTERIORS - WALL PROTECTION PLAN - FIRST FLOOR, AREA D
13065919	IP-102-A	INTERIORS - WALL PROTECTION PLAN - SECOND FLOOR, AREA A
13065920	IP-102-B	INTERIORS - WALL PROTECTION PLAN - SECOND FLOOR, AREA B
13065921	IP-102-C	INTERIORS - WALL PROTECTION PLAN - SECOND FLOOR, AREA C
13065922	I-601	INTERIORS - ROOM FINISH SCHEDULE - FIRST FLOOR
13065923	I-602	INTERIORS - ROOM FINISH SCHEDULE - FIRST FLOOR CONT.
13065924	I-603	INTERIORS - ROOM FINISH SCHEDULE - SECOND FLOOR
13065925	I-604	INTERIORS - ROOM FINISH SCHEDULE - SECOND FLOOR CONT.

Grand total: 62

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMISSION	04/26/13
	35% SUBMISSION	03/08/13
	20% SUBMISSION	01/18/13

9070 REGISTERED ARCHITECT
JORDI MACK 11/4/2015
STATE OF WASHINGTON

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES SW | DRW GB | CHK HE
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
ATLANTIC
Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
GENERAL - INDEX OF DRAWINGS

SCALE:
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065722
SHEET OF 0

G-001A

C:\rvt\2015\191274-A-F2-CENTRAL_gowhite.rvt 11/6/2015 12:05:36 PM

INDEX OF DRAWINGS VOLUME 2 PART 2

NAVFAC_ DWG_NO	Sheet Number	Sheet Name
EQUIPMENT		
13065926	Q-101-A1	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA A1
13065927	Q-101-A2	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA A2
13065928	Q-101-A3	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA A3
13065929	Q-101-A4	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA A4
13065930	Q-101-B1	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA B1
13065931	Q-101-B2	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA B2
13065932	Q-101-B3	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA B3
13065933	Q-101-B4	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA B4
13065934	Q-101-C1	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA C1
13065935	Q-101-C2	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA C2
13065936	Q-101-C3	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA C3
13065937	Q-101-C4	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA C4
13065938	Q-101-D1	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA D1
13065939	Q-101-D2	EQUIPMENT - FLOOR PLAN - FIRST FLOOR AREA D2
13065940	Q-102-A1	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA A1
13065941	Q-102-A2	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA A2
13065942	Q-102-A3	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA A3
13065943	Q-102-A4	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA A4
13065944	Q-102-A1.1	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA A1.1 - PHASE 2
13065945	Q-102-A2.1	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA A2.1 - PHASE 2
13065946	Q-102-A3.1	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA A3.1 - PHASE 2
13065947	Q-102-A4.1	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA A4.1 - PHASE 2
13065948	Q-102-B1	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA B1
13065949	Q-102-B2	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA B2
13065950	Q-102-B3	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA B3
13065951	Q-102-B4	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA B4
13065952	Q-102-C1	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA C1
13065953	Q-102-C2	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA C2
13065954	Q-102-C3	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA C3
13065955	Q-102-C4	EQUIPMENT - FLOOR PLAN - SECOND FLOOR AREA C4
FIRE PROTECTION		
13065956	F-001	FIRE PROTECTION - SYMBOLS AND ABBREVIATIONS
13065957	FA-101-A	FIRE PROTECTION - FIRE ALARM PLAN - FIRST FLOOR AREA A
13065958	FA-101-B	FIRE PROTECTION - FIRE ALARM PLAN - FIRST FLOOR AREA B
13065959	FA-101-C	FIRE PROTECTION - FIRE ALARM PLAN - FIRST FLOOR AREA C
13065960	FA-101-D	FIRE PROTECTION - FIRE ALARM PLAN - FIRST FLOOR AREA D
13065961	FA-102-A	FIRE PROTECTION - FIRE ALARM PLAN - SECOND FLOOR AREA A
13065962	FA-102-B	FIRE PROTECTION - FIRE ALARM PLAN - SECOND FLOOR AREA B
13065963	FA-102-C	FIRE PROTECTION - FIRE ALARM PLAN - SECOND FLOOR AREA C
13065964	FA-501	FIRE PROTECTION - FIRE ALARM DETAILS
13065965	FA-601	FIRE PROTECTION - FIRE ALARM - RISER DIAGRAMS & MATRIX
13065966	FX-101	FIRE PROTECTION - FDC AND DRAIN PIPING IN CRAWL SPACE
13065967	FX-101-A	FIRE PROTECTION - FIRE SUPPRESSION PLAN - FIRST FLOOR AREA A
13065968	FX-101-B	FIRE PROTECTION - FIRE SUPPRESSION PLAN - FIRST FLOOR AREA B
13065969	FX-101-C	FIRE PROTECTION - FIRE SUPPRESSION PLAN - FIRST FLOOR AREA C
13065970	FX-101-D	FIRE PROTECTION - FIRE SUPPRESSION PLAN - FIRST FLOOR AREA D
13065971	FX-102-A	FIRE PROTECTION - FIRE SUPPRESSION PLAN - SECOND FLOOR AREA A
13065972	FX-102-B	FIRE PROTECTION - FIRE SUPPRESSION PLAN - SECOND FLOOR AREA B
13065973	FX-102-C	FIRE PROTECTION - FIRE SUPPRESSION PLAN - SECOND FLOOR AREA C
13065974	FX-501	FIRE PROTECTION - FIRE SUPPRESSION DETAILS

Grand total: 49

INDEX OF DRAWINGS VOLUME 3

NAVFAC_ DWG_NO	Sheet Number	Sheet Name
GENERAL		
13065975	G-020	GENERAL - COVER SHEET
13065976	G-021	GENERAL - INDEX OF DRAWINGS
13065977	G-021A	GENERAL - INDEX OF DRAWINGS CONTINUED
13065978	G-022	GENERAL - GENERAL NOTES, ABBREVIATIONS & LEGENDS
PLUMBING		
13065979	P-001	PLUMBING SYMBOLS AND ABBREVIATIONS
13065980	P-10F-A	PLUMBING - SUPPLY AND DRAINAGE PLAN - FOUNDATION - AREA A
13065981	P-10F-B	PLUMBING - SUPPLY AND DRAINAGE PLAN - FOUNDATION - AREA B
13065983	P-10F-C	PLUMBING - SUPPLY AND DRAINAGE PLAN - FOUNDATION - AREA C
13065982	P-10F-D	PLUMBING - SUPPLY AND DRAINAGE PLAN - FOUNDATION - AREA D
13065984	P-102D	PLUMBING - SUPPLY AND DRAINAGE PLAN - ROOF - AREA D
13065985	P-103A	PLUMBING - SUPPLY AND DRAINAGE PLAN - ROOF - AREA A
13065986	P-103B	PLUMBING - SUPPLY AND DRAINAGE PLAN - ROOF - AREA B
13065987	P-103C	PLUMBING - SUPPLY AND DRAINAGE PLAN - ROOF - AREA C
13065995	PL-101A	PLUMBING - GRAVITY PIPING PLAN - FIRST FLOOR - AREA A
13065996	PL-101B	PLUMBING - GRAVITY PIPING PLAN - FIRST FLOOR - AREA B
13065997	PL-101C	PLUMBING - GRAVITY PIPING PLAN - FIRST FLOOR - AREA C
13065998	PL-101D	PLUMBING - GRAVITY PIPING PLAN - FIRST FLOOR - AREA D
13065999	PL-102A	PLUMBING - GRAVITY PIPING PLAN - SECOND FLOOR - AREA A
13066000	PL-102B	PLUMBING - GRAVITY PIPING PLAN - SECOND FLOOR - AREA B
13066001	PL-102C	PLUMBING - GRAVITY PIPING PLAN - SECOND FLOOR - AREA C
13065988	PP-101A	PLUMBING - DOMESTIC WATER PLAN - FIRST FLOOR - AREA A
13065989	PP-101B	PLUMBING - DOMESTIC WATER PLAN - FIRST FLOOR - AREA B
13065990	PP-101C	PLUMBING - DOMESTIC WATER PLAN - FIRST FLOOR - AREA C
13065991	PP-101D	PLUMBING - DOMESTIC WATER PLAN - FIRST FLOOR - AREA D
13065992	PP-102A	PLUMBING - DOMESTIC WATER PLAN - SECOND FLOOR - AREA A
13065993	PP-102B	PLUMBING - DOMESTIC WATER PLAN - SECOND FLOOR - AREA B
13065994	PP-102C	PLUMBING - DOMESTIC WATER PLAN - SECOND FLOOR - AREA C
13066002	P-401	PLUMBING - DOMESTIC AND SANITARY ENLARGED PLAN - FIRST FLOOR LOCKER ROOMS
13066003	P-402	PLUMBING - DOMESTIC AND SANITARY ENLARGED PLAN - RM 1B01 & 1B03
13066004	P-403	PLUMBING - SUPPLY AND DRAINAGE ENLARGED PLAN - PLUMBING BC RM 1A58
13066005	P-501	PLUMBING DETAILS
13066007	P-601	PLUMBING - SCHEDULES
13066006	P-602	SE DOMESTIC WATER RISER DIAGRAM AREA A
13066009	P-603	SE DOMESTIC WATER RISER DIAGRAM AREA B
13066010	P-604	SE DOMESTIC WATER RISER DIAGRAM AREA C
13066011	P-605	SE DOMESTIC WATER RISER DIAGRAM AREA D
13066008	P-606	SE SANITARY AND VENT RISER DIAGRAM AREA A
13066012	P-607	SE SANITARY AND VENT RISER DIAGRAM AREA B
13066013	P-608	SE SANITARY AND VENT RISER DIAGRAM AREA C
13066014	P-609	SE SANITARY AND VENT RISER DIAGRAM AREA D
MECHANICAL		
13066015	M-001	MECHANICAL - SYMBOLS AND ABBREVIATIONS
13066016	MH-101A	MECHANICAL - FLOOR PLAN - FIRST FLOOR AREA A
13066017	MH-101B	MECHANICAL - FLOOR PLAN - FIRST FLOOR AREA B
13066018	MH-101C	MECHANICAL - FLOOR PLAN - FIRST FLOOR AREA C
13066019	MH-101D	MECHANICAL - FLOOR PLAN - FIRST FLOOR AREA D
13066020	MH-102A	MECHANICAL - FLOOR PLAN - SECOND FLOOR AREA A
13066021	MH-102B	MECHANICAL - FLOOR PLAN - SECOND FLOOR AREA B
13066022	MH-102C	MECHANICAL - FLOOR PLAN - SECOND FLOOR AREA C
13066023	MH-102D	MECHANICAL - FLOOR PLAN - SECOND FLOOR AREA D
13066024	MH-103A	MECHANICAL - ROOF PLAN - AREA A
13066025	MH-103B	MECHANICAL - ROOF PLAN - AREA B
13066026	MH-103C	MECHANICAL - ROOF PLAN - AREA C
13066027	MP-101A	MECHANICAL PIPING - FLOOR PLAN - FIRST FLOOR AREA A
13066028	MP-101B	MECHANICAL PIPING - FLOOR PLAN - FIRST FLOOR AREA B
13066029	MP-101C	MECHANICAL PIPING - FLOOR PLAN - FIRST FLOOR AREA C
13066030	MP-101D	MECHANICAL PIPING - FLOOR PLAN - FIRST FLOOR AREA D
13066031	MP-102A	MECHANICAL PIPING - FLOOR PLAN - SECOND FLOOR AREA A
13066032	MP-102B	MECHANICAL PIPING - FLOOR PLAN - SECOND FLOOR AREA B
13066033	MP-102C	MECHANICAL PIPING - FLOOR PLAN - SECOND FLOOR AREA C
13066034	MP-102D	MECHANICAL PIPING - FLOOR PLAN - SECOND FLOOR AREA D
13066035	MP-103A	MECHANICAL PIPING - FLOOR PLAN - ROOF AREA A
13066036	MP-103B	MECHANICAL PIPING - FLOOR PLAN - ROOF AREA B
13066037	MP-103C	MECHANICAL PIPING - FLOOR PLAN - ROOF AREA C
13066038	M-301	MECHANICAL SECTIONS
13066040	M-401	MECHANICAL - VRF SYSTEM RISER DIAGRAM
13066041	M-402	MECHANICAL - VRF SYSTEM RISER DIAGRAM
13066042	M-501	MECHANICAL DETAILS
13066043	M-502	MECHANICAL DETAILS
13066044	M-503	MECHANICAL DETAILS
13066045	M-504	MECHANICAL DETAILS
13066046	M-601	MECHANICAL SCHEDULES
13066047	M-602	MECHANICAL SCHEDULES
13066048	M-603	MECHANICAL SCHEDULES
13066049	M-701	MECHANICAL CONTROLS
13066050	M-702	MECHANICAL CONTROLS
13066051	M-703	MECHANICAL CONTROLS
ELECTRICAL		
13066052	E-001	ELECTRICAL - SYMBOLS LIST
13066053	E-002	ELECTRICAL - ABBREVIATIONS AND GENERAL NOTES
13066054	ED-101	ELECTRICAL - SITE DEMOLITION PLAN
13066055	ES-101	ELECTRICAL - POWER SITE PLAN
13066056	EG-101	ELECTRICAL - GROUNDING PLAN - SITE
13066057	EG-102-D	ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA D
13066058	EG-103-A	ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA A
13066059	EG-103-B	ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA B
13066060	EG-103-C	ELECTRICAL - LIGHTNING PROTECTION PLAN - ROOF PLAN - AREA C
13066061	EL-101-A	ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA A
13066062	EL-101-B	ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA B
13066063	EL-101-C	ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA C
13066064	EL-101-D	ELECTRICAL - LIGHTING PLAN - FIRST FLOOR - AREA D
13066065	EL-102-A	ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA A
13066066	EL-102-B	ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA B
13066067	EL-102-C	ELECTRICAL - LIGHTING PLAN - SECOND FLOOR - AREA C
13066068	EM-101-A	ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA A
13066069	EM-101-B	ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA B
13066070	EM-101-C	ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA C
13066071	EM-101-D	ELECTRICAL - MECHANICAL POWER PLAN - FIRST FLOOR - AREA D
13066072	EM-102-A	ELECTRICAL - MECHANICAL POWER PLAN - SECOND FLOOR - AREA A
13066073	EM-102-B	ELECTRICAL - MECHANICAL POWER PLAN - SECOND FLOOR - AREA B
13066074	EM-102-C	ELECTRICAL - MECHANICAL POWER PLAN - SECOND FLOOR - AREA C
13066075	EM-102-D	ELECTRICAL - MECHANICAL POWER PLAN - SECOND FLOOR - AREA D

INDEX OF DRAWINGS VOLUME 3

NAVFAC_ DWG_NO	Sheet Number	Sheet Name
13066076	EM-103-A	ELECTRICAL - MECHANICAL POWER PLAN - ROOF PLAN - AREA A
13066077	EM-103-B	ELECTRICAL - MECHANICAL POWER PLAN - ROOF PLAN - AREA B
13066078	EM-103-C	ELECTRICAL - MECHANICAL POWER PLAN - ROOF PLAN - AREA C
13066079	EP-101-A	ELECTRICAL - POWER PLAN - FIRST FLOOR - AREA A
13066080	EP-101-B	ELECTRICAL - POWER PLAN - FIRST FLOOR - AREA B
13066081	EP-101-C	ELECTRICAL - POWER PLAN - FIRST FLOOR - AREA C
13066082	EP-101-D	ELECTRICAL - POWER PLAN - FIRST FLOOR - AREA D
13066083	EP-102-A	ELECTRICAL - POWER PLAN - SECOND FLOOR - AREA A
13066084	EP-102-B	ELECTRICAL - POWER PLAN - SECOND FLOOR - AREA B
13066085	EP-102-C	ELECTRICAL - POWER PLAN - SECOND FLOOR - AREA C
13066086	EP-102-D	ELECTRICAL - POWER PLAN - SECOND FLOOR - AREA D
13066087	EP-103-A	ELECTRICAL - POWER PLAN - ROOF PLAN - AREA A
13066088	EP-103-B	ELECTRICAL - POWER PLAN - ROOF PLAN - AREA B
13066089	EP-103-C	ELECTRICAL - POWER PLAN - ROOF PLAN - AREA C
13066090	E-401	ELECTRICAL - ENLARGED PLANS
13066091	E-501	ELECTRICAL DETAILS
13066092	E-502	ELECTRICAL DETAILS
13066093	E-503	ELECTRICAL DETAILS
13066094	E-511	ELECTRICAL LIGHTING DETAILS
13066095	E-512	ELECTRICAL LIGHTING FIXTURE PLATES
13066096	E-513	ELECTRICAL LIGHTING FIXTURE PLATES
13066097	E-601	ELECTRICAL SINGLE LINE & RISER DIAGRAMS
13066098	E-651	ELECTRICAL LIGHTING FIXTURE SCHEDULES
13066099	E-652	ELECTRICAL FEEDER, TRANSFORMER & MOTOR STARTER SCHEDULES
13066100	E-701	ELECTRICAL - PANEL SCHEDULE SHEET 1
13066101	E-702	ELECTRICAL - PANEL SCHEDULE SHEET 2
13066103	E-703	ELECTRICAL - PANEL SCHEDULE SHEET 3
13066104	E-704	ELECTRICAL - PANEL SCHEDULE SHEET 4
13066105	E-705	ELECTRICAL - PANEL SCHEDULE SHEET 5
13066106	E-706	ELECTRICAL - PANEL SCHEDULE SHEET 6
13066107	E-707	ELECTRICAL - PANEL SCHEDULE SHEET 7
13066108	E-708	ELECTRICAL - PANEL SCHEDULE SHEET 8
13066109	E-709	ELECTRICAL - PANEL SCHEDULE SHEET 9
13066110	E-710	ELECTRICAL - PANEL SCHEDULE SHEET 10
SECURITY		
13066115	EY-001	SECURITY GENERAL NOTES AND SYMBOL LEGEND
13066116	EY-102B	SECURITY - FLOOR PLAN - SECOND FLOOR - AREA B
13066117	EY-501	SECURITY DETAILS
TELECOMMUNICATIONS		
13066118	T-001	TELECOMMUNICATIONS GENERAL NOTES AND SYMBOLS LEGEND
13066119	TS-101	TELECOMMUNICATIONS - SITE PLAN
13066120	T-101A	TELECOMMUNICATIONS - FLOOR PLAN - FIRST FLOOR - AREA A
13066121	T-101B	TELECOMMUNICATIONS - FLOOR PLAN - FIRST FLOOR - AREA B
13066122	T-101C	TELECOMMUNICATIONS - FLOOR PLAN - FIRST FLOOR - AREA C
13066123	T-101D	TELECOMMUNICATIONS - FLOOR PLAN - FIRST FLOOR - AREA D
13066124	T-102A	TELECOMMUNICATIONS - FLOOR PLAN - SECOND FLOOR - AREA A
13066125	T-102B	TELECOMMUNICATIONS - FLOOR PLAN - SECOND FLOOR - AREA B
13066126	T-102C	TELECOMMUNICATIONS - FLOOR PLAN - SECOND FLOOR - AREA C
13066127	T-401	TELECOMMUNICATIONS ENLARGED PLANS
13066128	T-402	TELECOMMUNICATIONS ENLARGED PLANS
13066129	T-501	TELECOMMUNICATIONS DETAILS
13066130	T-502	TELECOMMUNICATIONS DETAILS
13066131	T-503	TELECOMMUNICATIONS DETAILS
13066132	T-601	TELECOMMUNICATIONS DIAGRAMS
13066133	T-602	TELECOMMUNICATIONS DIAGRAMS

Grand total: 153

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	11/04/15
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMISSION	04/26/13

9070 REGISTERED ARCHITECT
11/4/2015
JORDI MACK
STATE OF WASHINGTON

ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES SW | DRW GB | CHK HE
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
ATLANTIC NAVAL FACILITIES ENGINEERING COMMAND
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GENERAL - INDEX OF DRAWINGS CONTINUED

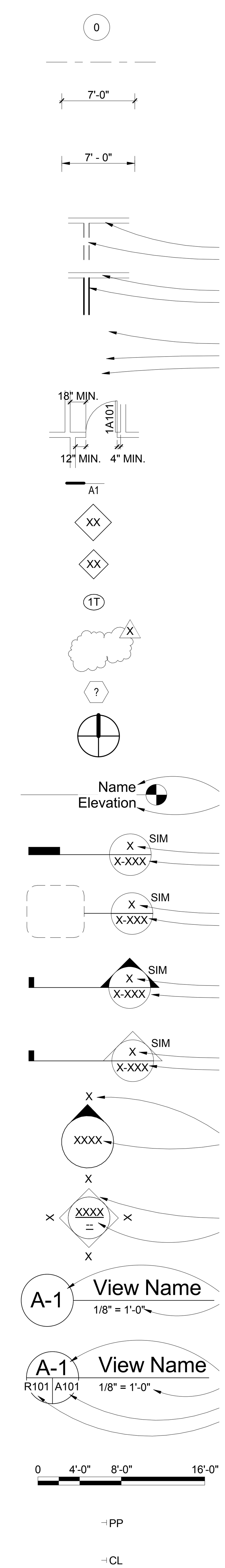
SCALE:
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065723
SHEET OF 0

G-001B

C:\rvt\2015\191274-A-F2-CENTRAL_gowhite.rvt 11/6/2015 12:05:37 PM

A	ALIGN
AB	ANCHOR BOLT, AUGER BORING
ABS	AIR BREAK SWITCH
AC	AIR CONDITIONING, ASBESTOS CEMENT, ACRES
A/C	ASPHALTIC CONCRETE
ACB	AIR CIRCUIT BREAKER
ACSR	ALUMINUM CONDUCTOR STEEL REINFORCED
ACST	ACOUSTIC
AD	AREA DRAIN, ACCESS DOOR
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
AL	ALUMINUM
AM	ACOUSTIC MATERIAL
AMP,A	AMPERE
AP	ACCESS PANEL APPROX APPROXIMATE
ARCH	ARCHITECTURAL
ARR	ARRESTOR
ASPH	ASPHALT
B	BASELINE
BO	BOARD
BEJ	BRICK EXPANSION JOINT
BLDG	BUILDING
BLK	BLOCK
BM	BEAM
B	BOTTOM
BRG	BEARING
BR	BOTTOM REGISTER
BSMT	BASEMENT
C	CELSIUS
CAP	CAPACITY
CB	CIRCUIT BREAKER
CD	CEILING DIFFUSER
CEM	CEMENT
CG	CORNER GUARD
C&G	CURB AND GUTTER
CH	CHILLER
CI	CAST IRON, COURTYARD INLET
CIP	CAST IRON PIPE, CAST IN PLACE
CIR	CIRCULATING
CJ	CONTROL JOINT
CKT	CIRCUIT
CLG	CEILING
C	CENTERLINE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMPA	CORRUGATED METAL PIPE ARCH
CMU	CONCRETE MASONRY UNITS
CND,C	CONDUIT
CNDS	CONDENSATE
CO	CLEANOUT
CODP	CLEANOUT W/ DECK PLUG
COL	COLUMN
COMM	COMMUNICATION
CONC	CONCRETE
COND	CONDUCTOR
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONV	CONVERTER
COP,CU	COPPER
CP	NON-REINFORCED CONCRETE PIPE
CR	CHAIR, CRASH RAIL
CRS	STAINLESS STEEL
CS	CONCRETE SEALER/SURFACE
CSK	COUNTERSUNK
CT	CERAMIC TILE, CURRENT TRANSFORMER, COOLING TOWER
CTR	CENTER, COOLING TOWER RETURN
CTS	COOLING TOWER SUPPLY
CW	COLD WATER
CWB	CAPILLARY WATER BARRIER
CONTR	CONTRACTION
CPT	CARPET
D	DEPTH, DEEP, DEGREE OF CURVATURE
DB	DRY BULB, DECIBEL, DIRECT BURIAL
DD	DIVERSION DIKE
DET	DETAIL
DH	DRILL HOLE
DI	DUCTILE IRON
DIA	DIAMETER
DIM	DIMENSION
DJ	DEFLECTION JOINT
DL	DEAD LOAD
DMPR	DAMPER
DN	DOWN
DP	DISTRIBUTION PANEL
DS	DOWNSPOUT, STORM DRAINAGE STRUCTURE
DW	DOMESTIC WATER
DWG	DRAWING
DWD	DRINKING WATER DISPENSER
E	EAST
EA	EACH
EAN	EXCEPT AS NOTED
EAT	ENTERING AIR TEMPERATURE
EC	EMPTY CONDUIT
EF	EACH FACE, EXHAUST FAN
EG	EXHAUST GRILLE
EL	ELEVATION
ELEC	ELECTRIC
ELEV	ELEVATOR
EMT	ELECTRICAL METALLIC TUBING
EMER	EMERGENCY
E/P	EDGE OF PAVEMENT
EQ	EQUAL
EQUIP	EQUIPMENT
ER	EXHAUST REGISTER
EVAP	EVAPORATIVE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION, EXPOSED
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
F	FIRE, FUSE, FILTER
FA	FIRE ALARM FABX FIRE ALARM BOX
FD	FLOOR DRAIN, FIRE DAMPER
FDN	FOUNDATION
FDR	FEEDER
FE	FIRE EXTINGUISHER
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FIG	FIGURE
FIN	FINISH
FL	FLOOR, FLASHING, FLOW LINE
FLUOR	FLUORESCENT
4 WAY	FOUR WAY
FPH	FROST PROOF HYDRANT
FR	FRAME
FS	FULL SIZE
FTG	FOOTING
FJ	FELT JOINT
FW	FIRE WATER
FXTR	FIXTURE
G	GROUND, GAS LINE,GRAM
GA	GAGE
GAL	GALVANIZED
GC	GLAZED COATING
GFI	GROUND FAULT INTERRUPT
GFMU	GROUND FACE MASONRY UNIT
GL	GLASS
GR	GRADE
GRD	GROUND
GSU	GLAZED STRUCTURAL UNIT
GW	GROUND WATER
GWB	GYPSUM WALL BOARD GYP GYPSUM
ID	INSIDE DIAMETER, INSIDE DIMENSION
IE	INVERT ELEVATION
IMC	INTERMEDIATE METAL CONDUIT
INT	INTERIOR
INSUL	INSULATION, INSULATED
INV	INVERT
INTX	INTERSECTION
IP	INLET PROTECTION
IRBF	INDUSTRIAL RESIN BASE FLOORING
JB	JUNCTION BOX
JC	JANITOR CLOSET
JCT	JUNCTION
JT	JOINT
JST	JOIST
K	KILO
KIAC	THOUSAND AMP INTERRUPT CAPACITY
KCP	KEENE'S CEMENT PLASTER
KG	KILOGRAM
KN	KILONEWTON
KO	KNOCK OUT
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
L/S	LITERS PER SECOND
L	LOUVER, LENGTH, LENGTH OF CURVE
LA	LIGHTNING ARRESTOR
LC	LEAD COVERED
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LIGHT
LAV	LAVATORY VERTICAL
LVC	LENGTH OF VERTICAL CURVE
M/S	METERS PER SECOND
M	METER, MEGA
MACH	MACHINE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
ECH	MECHANICAL
MET	METAL
MH	MANHOLE
MIN	MINIMUM, MINUTE
MISC	MISCELLANEOUS
MLO	MAIN LUG ONLY
MM,mm	MILLIMETER
MO	MOTOR OPERATED, MASONRY OPENING, MIDDLE ORDINATE
MP	MEDIUM PRESSURE
MTD	MOUNTED
MTG	MOUNTING
MMP	MEMBRANE WATERPROOFING
MULL	MULLION
N	NORTH
NA	NOT APPLICABLE
NC	NON CORROSIVE
NE	NORTHEAST
NDC	NOSE DOWN CURB
NEC	NATIONAL ELECTRIC CODE
NEUT	NEUTRAL
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE
NW	NORTHWEST
OA	OUTSIDE AIR
OC	ON CENTER
OCB	OIL CIRCUIT BREAKER
OD	OUTSIDE DIAMETER OPNG OPENING
OPP	OPPOSITE
OSD	OPEN SITE DRAIN
OVHD,OH	OVERHEAD
Pa	PASCALES
P	PIPE, POLE
PB	PULL BOX
PI	POINT OF INTERSECTION
PIV	POST INDICATOR VALVE
PJF	PREFORMED JOINT FILLER
PL	PLATE
PLAS	PLASTER
PLNJ	PAPER AND LEAD NEOPRENE JACKET
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
PRELIM	PRELIMINARY
PRESS	PRESSURE
PRIM	PRIMARY
PRV	PRESSURE RELIEF VALVE
PS	PULL SWITCH
PT	POINT, POINT OF TANGENT
PTN	PARTITION
PVC	POINT OF VERTICAL CURVE, POLY VINYL CHLORIDE .
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT PVMT PAVEMENT
QT	QUARRY TILE
R	RADIUS, RISER, RUBBER SHEATH
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT VINYL BASE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN, ROAD
RECP	RECEPTACLE
RED	REDUCING
REINF	REINFORCEMENT
REG	REGULATOR, REGISTER
REQD	REQUIRED
REV	REVISION
RF	ROOF, RETURN FAN
RHC	REHEAT COIL
RI	RUBBER INSULATED
RGS	RIGID GALVANIZED STEEL
RL	RAIN LEADER
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RVT	RESILIENT VINYL TILE
S	SECOND, SOUTH, SANITARY, SEWER, STRUCTURE
SAN	SANITARY SEWER
SATC	SUSPENDED ACOUSTICAL TILE CEILING
SCH	SCHEDULE
SD	SPLITTER DAMPER, STORM DRAIN
SE	SOUTHEAST
SECT	SECTION SERV SERVICE SF SILT FENCE
SG	SUPPLY GRILLE
SH	SHEET
SIM	SIMILAR
1 PH	SINGLE PHASE
SKCP	SUSPENDED KEENE'S CEMENT PLASTER
SL	SLOPE
SMH	SANITARY MODULE
SP	STATIC PRESSURE, SINGLE POLE
SPC	SUSPENDED PLASTER CEILING
SPDT	SINGLE POLE, DOUBLE THROW
SPEC	SPECIFICATION
SPST	SINGLE POLE, SINGLE THROW
SQ	SQUARE
SR	SUPPLY REGISTER
SS	SANITARY SEWER
ST	STEAM, SINGLE THROW, STREET
STA	STATION STD STANDARD
STL	STEEL SUP SUPPORT
SUSP	SUSPENDED
SV	SHEET VINYL
SW	SWITCH, SIDEWALK
SWBD	SWITCHBOARD SWGR SWITCHGEAR
T	TILE,TOP,TANGENT
T&B	TOP AND BOTTOM
TC	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPERATURE, TEMPORARY
TERM	TERMINAL
3/C	THREE CONDUCTOR
3/P	THREE POLE
3 WAY	THREE WAY
TH	TOTAL HEAD (PUMPS)
THRSLD	THRESHOLD
TO	TOP OF
TP	TEST PIT
TR	TOP REGISTER
TRANS	TRANSITION
TS	TOP OF STEEL, TOP OF STONE, TOP OF SLAB
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
UG	UNDERGROUND
UCR	UNDER COUNTER REFRIGERATOR
UGE	UNDERGROUND ELECTRIC
UGT	UNDERGROUND TELEPHONE
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
V	VENT,VOLT,VALVE
VA	VOLT AMPRE
VAC	VACUUM
VCT	VINYL COMPOSITION TILE
V ASB	VINYL ASBESTOS
VC	VARNISH CAMBRIC, VITRIFIED CLAY
VCP	VITRIFIED CLAY PIPE
VENT	VENTILATING
VERT	VERTICAL
VEST	VESTIBULE
VPI	VERTICAL POINT OF INTERSECTION
VPOC	VERTICAL POINT OF CURVE
VPOT	VERTICAL POINT OF TANGENT
VS	VENT STACK
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W	WIDTH,WASTE,WATER,WATT,WEST
W	WIRE, WATER LINE STRUCTURE
WA	WATT
W/	WITH
W/O	WITHOUT
WB	WET BULB
WC	WATER CLOSET
WD	WIDTH, WINDOW DIMENSION
WOM	WALK OFF MATT
WL	WATER LEVEL WP WATERPROOF, WEATHERPROOF
WS	WASTE STACK, WATER SURFACE, WATERSTOP
WT	WEIGHT
WWF	WELDED WIRE FABRIC
XFMR	TRANSFORMER
X-STR	UNIT HEATER
2:1 SL	2 HORIZONTAL TO 1 VERTICAL SLOPE
1 ON 2	1 VERTICAL ON 2 HORIZONTAL SLOPE
△	DEFLECTION ANGLE
Ø	DIAMETER, PHASE

ARCHITECTURAL SYMBOLS



COLUMN GRID LINE (NEW)

CENTERLINE

DIMENSION LINE TO FACE OF FINISH, FACE OF CONCRETE, COLUMN LINE, OR AS NOTED.

DIMENSION TO FINISH FACE, COUNTERTOP EDGE, CLEAR, OR AS NOTED.

WALL LEGEND
EXISTING TO REMAIN
EXISTING TO BE REMOVED
EXISTING TO REMAIN
NEW CONSTRUCTION

ROOM TAG
ROOM NAME
ROOM NUMBER
AREA OR VOLUME

DOOR NUMBER SYMBOL AND MINIMUM CLEARANCES

WALL TYPE TAG

FRAME TYPE - EXTERIOR & LOUVER

FRAME TYPE - INTERIOR

CURTAIN PANEL TYPE

DRAWING REVISION

KEYNOTE

NORTH ARROW

LEVEL DATUM
LEVEL NAME
LEVEL ELEVATION

DETAIL - SECTION
POSITION ON SHEET
SHEET NUMBER

DETAIL - PLAN/ RCP
POSITION ON SHEET
SHEET NUMBER

BUILDING SECTION
POSITION ON SHEET
SHEET NUMBER

WALL SECTION
POSITION ON SHEET
SHEET NUMBER

EXTERIOR ELEVATION
POSITION ON SHEET
SHEET NUMBER

INTERIOR ELEVATION
POSITION ON SHEET
SHEET NUMBER

VIEW TITLE
DRAWING NUMBER
DRAWING SCALE

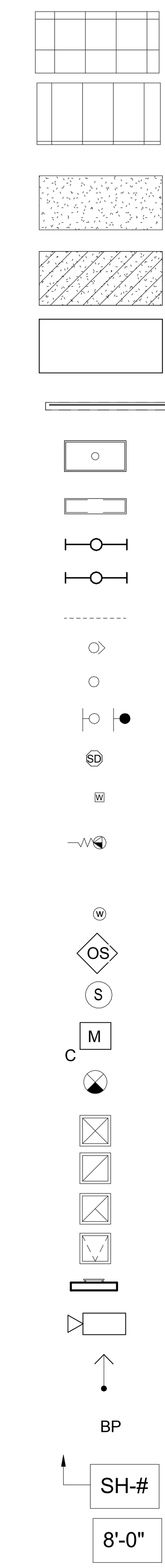
VIEW TITLE WITH REFERENCE
DRAWING NUMBER
DRAWING SCALE
SHEET NUMBER
REFERENCING SHEET NUMBER

GRAPHIC SCALE

PUSH PLATE FOR AUTOMATIC DOOR

CIPHER LOCK, BATTERY OPERATED

RCP SYMBOL LEGEND



ACOUSTICAL 2' X 2' TILE CEILING

ACOUSTICAL 2' x 4' TILE CEILING

GWB CEILING

IMPACT RESISTANT GWB CEILING

NO CEILING; EXPOSED DECK

PROJECTION SCREEN (AS SCHEDULED)

2' X 4' LIGHT FIXTURE

RECESSED SLOTLIGHT

STRIP LIGHT FIXTURE (AS SCHEDULED)

LINEAR PENDANT STRIP FIXTURE (AS SCHEDULED)

COVE LIGHT (AS SCHEDULED)

RECESSED WALL WASH FIXTURE (AS SCHEDULED)

RECESSED DOWN-LIGHT (AS SCHEDULED)

WALL MOUNTED LIGHT

SMOKE DETECTOR

WAP (WIRELESS ACCESS POINT - SEE COMM. DWGS)

CEILING MOUNTED WIRELESS ACCESS POINT DATA OUTLET

DAS ("WIRELESS" DISTRIBUTED ANTENNA SYSTEM - SEE COMM. DWGS)

VACANCY SENSOR

SPEAKER

MICROPHONE OUTLET CEILING MOUNTED

EXIT LIGHT

HVAC SUPPLY DIFFUSER

HVAC RETURN GRILLE

HVAC EXHAUST GRILLE

CEILING ACCESS PANEL

RADIANT HEAT PANEL

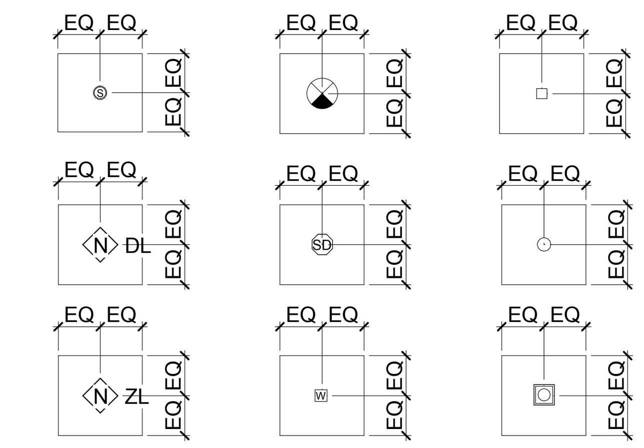
CAMERA

GRID START POINT

BLANK PANEL

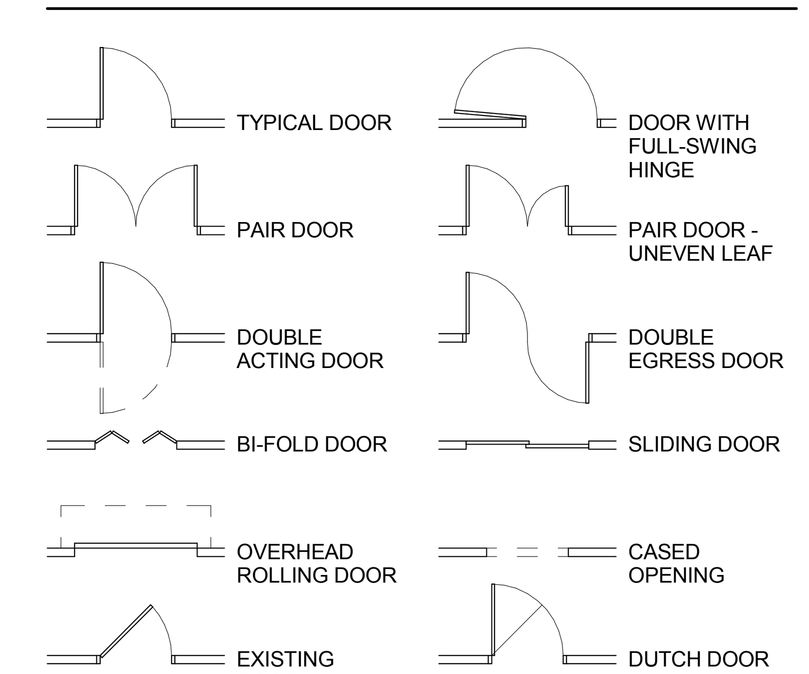
WINDOW COVERING

CEILING HEIGHT AFF



CEILING EQUIPMENT / LIGHT TILE LAYOUT LOCATION (U.N.O.) FOR 2'X2', 2'X4', 2'X6', 4'X4 ACT

DOOR LEGEND



TYPICAL DOOR

DOOR WITH FULL-SWING HINGE

PAIR DOOR

PAIR DOOR - UNEVEN LEAF

DOUBLE ACTING DOOR

DOUBLE EGRESS DOOR

BI-FOLD DOOR

SLIDING DOOR

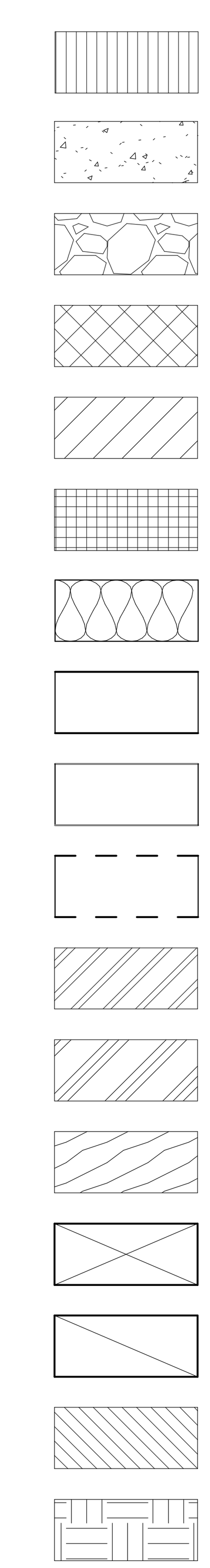
OVERHEAD ROLLING DOOR

CASED OPENING

EXISTING DOOR

DUTCH DOOR

MATERIALS LEGEND



EXISTING BITUMINOUS PAVEMENT (SECTION)

CONCRETE (SECTION)

GRANULAR FILL

CONCRETE MASONRY UNITS

BRICK

RIGID INSULATION (SECTION)

ACOUSTIC/THERMAL INSULATION (SECTION)

STUD WALL (PLAN & SECTION)

EXISTING WALL TO REMAIN (PLAN & SECTION)

DEMOLISHED WALL (PLAN & SECTION)

STEEL (SECTION)

ALUMINUM (SECTION)

WOOD FINISH (SECTION)

DIMENSIONAL LUMBER CONTINUOUS (SECTION)

DIMENSIONAL LUMBER BLOCKING (SECTION)

LUMBER FINISH (SECTION)

EARTHWORK (SECTION)

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMISSION	04/26/13
	35% SUBMISSION	03/08/13
	20% SUBMISSION	01/18/13

NAVFAC

COMMONWEALTH OF VIRGINIA
PAUL G. HEFLIN
012267
3/26/2014
ARCHITECT

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES SW	DRW GW
CHK HE	
PM/DM	CHEMENJU/HILL
BRANCH MANAGER	N/A
CHIEF ENG/ARCH	TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
ATLANTIC
Walter Reed National Military Medical Center - Bethesday, Maryland
NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
GENERAL - GENERAL NOTES, ABBREVIATIONS & LEGENDS

SCALE:	As indicated
EPROJECT NO.:	1151333
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	13065724
SHEET	OF 0

G-002

C:\rvt\191274-A-F2-CENTRAL_gowhite.rvt
3/19/2014 3:31:45 PM

LIFE SAFETY LEGEND

XX / YYY	OCCUPANT LOAD (PERSONS) / EXIT CAPACITY (PERSONS)
HE	HORIZONTAL EXIT (ARROW INDICATES DIRECTION)
	COMMON PATH OF TRAVEL
	DEAD END PATH
	TOTAL TRAVEL DISTANCE
SP SP SP SP SP	SMOKE PARTITION
	1-HOUR FIRE RATED WALL
	2-HOUR FIRE RATED WALL
FEC	FIRE EXTINGUISHER CABINET
	ASSEMBLY

LIFE SAFETY GENERAL NOTES

BUILDING CODE ANALYSIS P-125 WRNMMC CLINIC BUILDINGS - PACKAGE 2 - CLINICS

THE FOLLOWING APPLICABLE BUILDING CODES & GUIDELINES ARE USED FOR THE DESIGN OF THIS FACILITY AND WILL GOVERN FOR THIS PROJECT:

ICC INTERNATIONAL CODE COUNCIL	
INTERNATIONAL BUILDING CODE	IBC 2009
NATIONAL FIRE PROTECTION ASSOCIATION	
STANDARD FOR PROTABLE FIRE EXTINGUISHERS	NFPA 10, 2013
STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS	NFPA 13, 2013
NATIONAL ELECTRIC CODE - NEC	NFPA 70, 2011
NATIONAL FIRE ALARM AND SIGNALING CODE	NFPA 72, 2013
STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS	NFPA 90A, 2012
STANDARD FOR MEDICAL FACILITIES	NFPA 99, 2012
NFPA 101 LIFE SAFETY CODE	NFPA 101, 2012
UNIFIED FACILITIES CRITERIA	
UNIFIED FACILITIES CRITERIA - GENERAL BUILDING REQ.	UFC 1-200-01, NOV. 28, 2011
UNIFIED FACILITIES CRITERIA - DESIGN PROCEDURES	UFC 1-300-09N, 2011
UNIFIED FACILITIES CRITERIA - INTERIOR DESIGN	UFC 3-120-10, 2007
UNIFIED FACILITIES CRITERIA - FIRE PROTECTION ENG.	UFC 3-600-01, 2013
UNIFIED FACILITIES CRITERIA - FIRE PROTECTION ENG.	UFC 3-600-10N, 2007
UNIFIED FACILITIES CRITERIA - DESIGN: MEDICAL MILITARY FACILITIES	UFC 4-510-01, 2012

NFPA AND IBC CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION
THE BUILDING INCLUDES THE FOLLOWING USES AS DEFINED BY NFPA 101 (& THE IBC) AS NON-SEPARATED MIXED-USE:
- BUSINESS (GROUP B) - FOR ALL AREAS EXCEPT CHAPEL (SOUTH BUILDING, FIRST FLOOR)
- ASSEMBLY (GROUP A-3) - FOR CHAPEL (SOUTH BUILDING, FIRST FLOOR)

IBC CHAPTER 5 - GENERAL BUILDING HEIGHT AND AREA LIMITATIONS

CLINIC BUILDING OPERATES AS A SINGLE BUILDING BUT IS DIVIDED BY A 2-HOUR FIRE WALL INTO TWO SMALLER BUILDINGS IN ORDER TO MEET IBC AREA LIMITS FOR TYPE V CONSTRUCTION

NORTH BUILDING

ALLOWABLE BUILDING HEIGHT (PER IBC TABLE 503)
FOR TYPE VB CONSTRUCTION AND BUSINESS (GROUP B)
MAXIMUM BUILDING HEIGHT = 40' AND TWO STORIES.
ACTUAL HEIGHT = TWO STORIES AND 30'-11" (NOMINAL) < 2 STORIES AND 40' ALLOWABLE — OK

ALLOWABLE BUILDING AREA (PER IBC TABLE 503)
FOR TYPE VB CONSTRUCTION AND BUSINESS (GROUP B)
MAXIMUM BUILDING AREA = 31,500 SQFT
(9000 SQFT BASE AMOUNT + 200% INCREASE FOR SPRINKLERS AND 50% FOR FRONTAGE)*
AREA = 28,327 ACTUAL < 90% OF 31,500 SQFT ALLOWABLE — OK

SOUTH BUILDING

ALLOWABLE BUILDING HEIGHT (PER IBC TABLE 503)
FOR TYPE VB CONSTRUCTION WITH ASSEMBLY (GROUP A-3) AND BUSINESS (GROUP B)
MAXIMUM BUILDING HEIGHT = 40' AND ONE STORY, WHICH IS INCREASED TO TWO STORIES
PER IBC 504.2 DUE TO SPRINKLERS.
ACTUAL HEIGHT = TWO STORIES AND 30'-11" (NOMINAL) < 2 STORIES AND 40' ALLOWABLE — OK

ALLOWABLE BUILDING AREA (PER IBC TABLE 503)
FOR TYPE VB CONSTRUCTION AND ASSEMBLY (GROUP A-3)[MORE RESTRICTIVE THAN BUSINESS]
MAXIMUM BUILDING AREA = 21,000 SQFT
(6000 SQFT BASE AMOUNT + 200% INCREASE FOR SPRINKLERS AND 50% FOR FRONTAGE)
AREA = 18,113 ACTUAL < 86% OF 21,000 SQFT ALLOWABLE — OK

IBC CHAPTER 6 - TYPES OF CONSTRUCTION
THIS BUILDING SHALL BE TYPE VB CONSTRUCTION
THE FIRE RESISTANCE RATING OF BUILDING ELEMENTS (FROM IBC TABLE 601):

STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS & TRUSSES	0 HOURS
BEARING WALLS (EXTERIORS)	0 HOURS
BEARING WALLS (INTERIOR)	0 HOURS
NON-BEARING WALLS & PARTITIONS (EXTERIOR)	0 HOURS*
NON-BEARING WALLS & PARTITIONS (INTERIOR)	0 HOURS
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0 HOURS
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS & JOISTS	0-HOURS

*THIS RATING IS DETERMINED FROM IBC TABLE 602. CLINIC BUILDING IS SEPARATED BY 40 FEET FROM THE DOSIMETRY BUILDING AND 30' FROM THE PROPERTY LINE. IN ADDITION, IBC TABLE 704.8 INDICATES THAT THERE ARE NO LIMITS ON THE EXTERIOR WALL OPENINGS ON THE OPPOSING FACES OF THIS BUILDING BASED ON THE MINIMUM 20' SEPARATION. THE IMAGINARY PROPERTY LINE BETWEEN DOSIMETRY AND CLINIC BUILDINGS IS LOCATED 20 FEET AWAY AT THE MIDPOINT BETWEEN THE TWO BUILDINGS. A 1-HOUR RATING IS REQUIRED ON THE EXTERIOR WALL FOR 4 FT ON EACH SIDE OF THE EAST END OF THE 2-HOUR FIRE WALL.

NFPA 10 - PORTABLE FIRE EXTINGUISHERS
BUSINESS AND ASSEMBLY OCCUPANCY:
10 LB (4A 60-B:C) FIRE EXTINGUSIHERS SHALL BE PROVIDED AND LOCATED WITHIN A MAXIMUM TRAVEL DISTANCE OF 75' AS REQUIRED BY NFPA 10. SPECIFIC LOCATIONS AND INSTALLATIONS ARE SHOWN ON THE DRAWINGS. TWENTY-SIX (26) FIRE EXTINGUISHERS REQUIRED.

MEANS OF EGRESS
NUMBER OF MEANS OF EGRESS REQUIRED: TWO (NFPA 101 PARA. 7.4.1.2) - PROVIDED: TWO OR MORE - SEE DRAWINGS

USE OF HORIZONTAL EXITS LIMITED TO 50% OF NUMBER OF EXITS AND EXIT CAPACITY - SEE DRAWINGS.

EXIT SEPARATION REQUIRED: 1/3 LONGEST BUILDING DIAGONAL - SEE DRAWINGS.

STORAGE ROOMS (HAZARDOUS AREAS) SEPARATED BY SMOKE PARTITIONS PER NFPA 101 SECTION 8.4. STORAGE ROOM DOORS MUST HAVE CLOSERS

AUTOMATIC SPRINKLER SYSTEM COMPLYING WITH NFPA 13 WILL BE PROVIDED THROUGHOUT THE BUILDINGS.

MANUAL FIRE ALARM SYSTEM COMPLYING WITH NFPA 72 WILL BE PROVIDED THROUGHOUT THE BUILDINGS. ONE FIRE ALARM SYSTEM SERVES BOTH THE BUILDINGS.

OCCUPANT NOTIFICATION SHALL BE BY MEANS OF AUDIO VISUAL SIGNALS USING GENERAL EVACUATION STRATEGY, BOTH BUILDINGS WILL BE EVACUATED SIMULTANEOUSLY FOR ANY ALARM.

THE SECOND FLOOR OF THE CLINIC (BOTH BUILDINGS) IS AN AREA OF REFUGE PER NFPA 101 PARAGRAPH 7.2.12.1.1 AND THE REQUIRED TWO-WAY COMMUNICATION IS PROVIDED IN THE ELEVATOR LOBBY.

EGRESS REQUIREMENTS

FEATURE	OCCUPANCY REQUIREMENTS / LIMITS	ACTUAL
# OF EXITS	2	2 OR MORE
TOTAL TRAVEL DISTANCE	300' (BUSINESS) 250' (ASSEMBLY)	188' - 04" 112' - 03"
COMMON PATH OF TRAVEL	100'	99' - 09"
DEAD END CORRIDORS	50' (BUSINESS) 20' (ASSEMBLY)	24' - 06" 0' - 0"

OCCUPANCY LOAD CALCULATIONS

NORTH BUILDING FIRST FLOOR (AREAS B3, B4, C AND D)

OCCUPANCY	AREA	OCC. LOAD FACTOR	OCC. LOAD
ASSEMBLY	2,671	15	179
BUSINESS	25,656	100	257
		FIRST FLOOR OCCUPANT LOAD TOTAL	= 436
EGRESS WIDTH REQUIRED 2 STAIRS = 38.1 INCHES DOOR = 33 INCHES		EGRESS WIDTH PROVIDED 2 STAIRS = 48 INCHES DOOR = 33 INCHES	
		FIRST FLOOR TOTAL EGRESS CAPACITY PROVIDED	= 485

NORTH BUILDING SECOND FLOOR (AREAS B3, B4 AND C)

OCCUPANCY	AREA	OCC. LOAD FACTOR	OCC. LOAD
ASSEMBLY	1,670	15	112
BUSINESS	15,917	100	160
CLASSROOM	690	20	35
		SECOND FLOOR OCCUPANT LOAD TOTAL	= 307
EGRESS WIDTH REQUIRED STAIR = 46.5 INCHES DOOR = 33 INCHES		EGRESS WIDTH PROVIDED STAIR = 48 INCHES DOOR = 33 INCHES	
		SECOND FLOOR TOTAL EGRESS CAPACITY PROVIDED	= 325

SOUTH BUILDING FIRST FLOOR (AREAS B1 AND B2)

OCCUPANCY	AREA	OCC. LOAD FACTOR	OCC. LOAD
ASSEMBLY	2,051	15	137
BUSINESS	16,062	100	161
		FIRST FLOOR OCCUPANT LOAD TOTAL	= 298
EGRESS WIDTH REQUIRED = 60 INCHES		EGRESS WIDTH PROVIDED	= 198 INCHES
		FIRST FLOOR TOTAL EGRESS CAPACITY PROVIDED	= 990

SOUTH BUILDING SECOND FLOOR (AREAS B1 AND B2)

OCCUPANCY	AREA	OCC. LOAD FACTOR	OCC. LOAD
ASSEMBLY	1,624	15	109
BUSINESS	16,489	100	165
		SECOND FLOOR OCCUPANT LOAD TOTAL	= 274
EGRESS WIDTH REQUIRED 2 STAIRS = 38.1 INCHES DOOR = 33 INCHES		EGRESS WIDTH PROVIDED 2 STAIRS = 48 INCHES DOOR = 33 INCHES	
		FIRST FLOOR TOTAL EGRESS CAPACITY PROVIDED	= 485

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

NAVFAC

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES RCB | DRW DML | CHK TAS
PMDM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
GENERAL - LIFE SAFETY - GENERAL NOTES AND BUILDING CODE SUMMARY

SCALE: 1/8" = 1'-0"
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065725
SHEET 0 OF 0

G-003

C:\Users\dtitle\Documents\191274-F-F2-CENTRAL\dtitle@hdrinc.com 2:58:35 PM

BUSINESS OCCUPANCY SCHEDULE - FIRST FLOOR			
NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
1A54	EQUIP HOLD	254 SF	3
1B06	JAN	51 SF	1
1A52	STOR RM EQUIP/ SHV	168 SF	2
1A53A	ADMIN CUB	64 SF	1
1A53B	ADMIN CUB	61 SF	1
1A50	EQUIP STOR	250 SF	3
1A50A	STOR SHV	108 SF	2
1D26	ADMIN OFF	99 SF	1
1D24	ADMIN OFF	103 SF	2
1D22	ADMIN OFF	103 SF	2
1D17	CHNG LKR RM	180 SF	2
1D16	CHNG LKR RM	136 SF	2
1D12	EQUIP STOR	159 SF	2
1D06	EVAL	217 SF	3
1C03	FILE GEN	142 SF	2
1D15	FULL L EYE LANE	259 SF	3
1D13	FULL L EYE LANE	183 SF	2
1D11	FULL L EYE LANE	183 SF	2
1D09	FULL L EYE LANE	183 SF	2
1D30	MED RM	106 SF	2
1D28	PREP/ POST OP RM	122 SF	2
1D29	PRK/ LASIK	280 SF	3
1D27	PRK/ LASIK	228 SF	3
1C02	RECEP	143 SF	2
1D01C	TECH CUB	58 SF	1
1D01A	TECH CUB	58 SF	1
1D01D	TECH CUB	58 SF	1
1D01B	TECH CUB	58 SF	1
1D04	TREAT/ EXAM	134 SF	2
1D02	TREAT/ EXAM	135 SF	2
1B12K	ADMIN CUB	28 SF	1
1B12H	ADMIN CUB	59 SF	1
1B12F	ADMIN CUB	59 SF	1
1B12J	ADMIN CUB	59 SF	1
1B12G	ADMIN CUB	59 SF	1
1B12E	ADMIN CUB	31 SF	1
1B12C	ADMIN CUB	59 SF	1
1B12A	ADMIN CUB	40 SF	1
1B09H	ADMIN CUB	35 SF	1
1B09F	ADMIN CUB	67 SF	1
1B09D	ADMIN CUB	67 SF	1
1B09B	ADMIN CUB	67 SF	1
1B09A	ADMIN CUB	51 SF	1
1B09J	ADMIN CUB	43 SF	1
1B09G	ADMIN CUB	67 SF	1
1B09E	ADMIN CUB	67 SF	1
1B09C	ADMIN CUB	67 SF	1
1B12D	ADMIN CUB	59 SF	1
1B12B	ADMIN CUB	51 SF	1
1B11	ADMIN OFF	141 SF	2
1B14	ADMIN OFF	116 SF	2
1B13	ADMIN OFF	118 SF	2
1B04	RECEP	72 SF	1
1B78C	ADMIN CUB	57 SF	1
1B78B	ADMIN CUB	57 SF	1
1B78A	ADMIN CUB	53 SF	1
1B32	CONTACT LENS FITTING & DISP AREA	68 SF	1
1B79	COUNS	118 SF	2
1B20	COUNS	122 SF	2
1B32A	EQUIP STOR	93 SF	1
1B48	EYE LANE FOLDED ELECTRONIC	137 SF	2
1B46	EYE LANE FOLDED ELECTRONIC	137 SF	2
1B44	EYE LANE FOLDED ELECTRONIC	137 SF	2
1B42	EYE LANE FOLDED ELECTRONIC	135 SF	2
1B49	EYE LANE FOLDED ELECTRONIC	133 SF	2
1B47	EYE LANE FOLDED ELECTRONIC	133 SF	2
1B43	EYE LANE FOLDED ELECTRONIC	132 SF	2
1B41	EYE LANE FOLDED ELECTRONIC	131 SF	2
1B31	EYE LANE FOLDED ELECTRONIC	134 SF	2
1B29	EYE LANE FOLDED ELECTRONIC	134 SF	2

BUSINESS OCCUPANCY SCHEDULE - FIRST FLOOR			
NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
1B27	EYE LANE FOLDED ELECTRONIC	134 SF	2
1C10	EYE LANE FOLDED ELECTRONIC	135 SF	2
1B40	EYE LANE FOLDED ELECTRONIC	137 SF	2
1B39	FUNDUS CAMER RM	133 SF	2
1B18	NCOIC/ LPO OFF	106 SF	2
1B38	OPT/ TECH WK	156 SF	2
1B19	OPT/ TECH WK	123 SF	2
1C25	OPT/ TECH WK	68 SF	1
1C23	OPT/ TECH WK	70 SF	1
1B17	PROVIDER OFF ARMY	120 SF	2
1B16	PROVIDER OFF ARMY	113 SF	2
1B15	PROVIDER OFF ARMY	116 SF	2
1B37	RECEP	120 SF	2
1B25	VISUAL FIELD	140 SF	2
1B24	VISUAL SCREENING	134 SF	2
1B22	VISUAL SCREENING	135 SF	2
1B23	VISUAL SCREENING	127 SF	2
1C89	ADMIN OFF SYST FURN	100 SF	2
1C88	ADMIN OFF SYST FURN	100 SF	2
1C87	ADMIN OFF SYST FURN	100 SF	2
1B80	ADMIN OFF SYST FURN	108 SF	2
1C84	ADMIN OFF SYST FURN	101 SF	2
1D97	ADMIN OFF SYST FURN	100 SF	2
1D96	ADMIN OFF SYST FURN	100 SF	2
1D95	ADMIN OFF SYST FURN	100 SF	2
1D94	ADMIN OFF SYST FURN	99 SF	1
1D93	ADMIN OFF SYST FURN	100 SF	1
1D91	ADMIN OFF SYST FURN	102 SF	2
1C90	ADMIN OFF SYST FURN	99 SF	1
1D18	EQUIP STOR	388 SF	4
1C31	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C29	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C27	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C69	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C67	EYE LANE FOLDED ELECTRONIC	133 SF	2
1C65	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C63	EYE LANE FOLDED ELECTRONIC	137 SF	2
1C16	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C60	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C58	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C56	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C54	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C52	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C50	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C14	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C59	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C57	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C55	EYE LANE FOLDED ELECTRONIC	136 SF	2

BUSINESS OCCUPANCY SCHEDULE - FIRST FLOOR			
NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
1C53	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C51	EYE LANE FOLDED ELECTRONIC	131 SF	2
1C12	EYE LANE FOLDED ELECTRONIC	134 SF	2
1C06	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C04	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C42	EYE LANE FOLDED ELECTRONIC	138 SF	2
1C40	EYE LANE FOLDED ELECTRONIC	138 SF	2
1C38	EYE LANE FOLDED ELECTRONIC	138 SF	2
1C36	EYE LANE FOLDED ELECTRONIC	138 SF	2
1C34	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C08	EYE LANE FOLDED ELECTRONIC	136 SF	2
1C39	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C37	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C35	EYE LANE FOLDED ELECTRONIC	133 SF	2
1C33	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C62	EYE LANE FOLDED ELECTRONIC	130 SF	2
1C64	EYE LANE FOLDED ELECTRONIC	130 SF	2
1C73	LASER TREAT RM	207 SF	3
1C19	OPTHALMOLOGY EXAM RM (OCT)	142 SF	2
1C17	OPTHALMOLOGY EXAM RM (OCT)	142 SF	2
1C15	OPTHALMOLOGY EXAM RM (OCT)	142 SF	2
1C13	OPTHALMOLOGY PHOTOGRAPHY RM	285 SF	3
1C83B	RESIDENT CUB	66 SF	1
1C83H	RESIDENT CUB	56 SF	1
1C83G	RESIDENT CUB	54 SF	1
1C83F	RESIDENT CUB	67 SF	1
1C83E	RESIDENT CUB	65 SF	1
1C83D	RESIDENT CUB	62 SF	1
1C83C	RESIDENT CUB	60 SF	1
1C83A	RESIDENT CUB	64 SF	1
1B81D	RESIDENT CUB	64 SF	1
1D14	SOIL UTIL	92 SF	1
1C05	STOR RM EQUIP/ SHV	104 SF	2
1C43	VISUAL FIELD	135 SF	2
1C28	VISUAL FIELD	132 SF	2
1C45	VISUAL FIELD	130 SF	2
1A45	SACRISTY STOR	111 SF	2
1A99B	LOBBY	793 SF	8
1A99C	PAT EDU KIOSK ALC	17 SF	1
1B34	PAT EDU KIOSK ALC	25 SF	1
1A47	CN LKR RM CHNG AREA	212 SF	3
1A48	CN LKR RM CHNG AREA	208 SF	3
1A47D	CEN LKR RM - SHWR	55 SF	1
1A48D	CEN LKR RM - SHWR	56 SF	1
1A47A	CEN LKR RM - TLT	23 SF	1
1A48A	CEN LKR RM - TLT	23 SF	1
1A47B	CEN LKR RM - TLT	38 SF	1
1A48B	CEN LKR RM - TLT	38 SF	1
1B01	F TLT MULT	194 SF	2
1C72	F TLT MULT	62 SF	1
1B03	M TLT MULT	194 SF	2
1C70	M TLT MULT	61 SF	1
1C22	M TLT MULT	60 SF	1
1A02	RECEP CTRL OUTPATIENT	127 SF	2
1A04	ADULT SCREENING VITAL SIGNS	99 SF	1

BUSINESS OCCUPANCY SCHEDULE - FIRST FLOOR			
NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
1A05	ADULT SCREENING VITAL SIGNS	98 SF	1
1A28	EXAM	121 SF	2
1A06	EXAM	120 SF	2
1A26	EXAM	121 SF	2
1A11	EXAM	121 SF	2
1A13	EXAM	121 SF	2
1A15	EXAM	120 SF	2
1A07	EXAM	120 SF	2
1A35	PAT TLT	53 SF	1
1A37	PAT TLT	53 SF	1
1A43	PROC RM TLT	60 SF	1
1A39	TREAT	82 SF	1
1A08	CLN UTIL	82 SF	1
1A23	EQUIP STOR	195 SF	2
1A21	SOIL UTIL	93 SF	1
1A20	ADVICE RN OFF SYST FURN	120 SF	2
1A02A	APPOINTMENT CLER CUB	53 SF	1
1A02B	FORMS LITERATURE STOR	99 SF	1
1A16	OFF1 SYST FURN	120 SF	2
1A18	OFF RN MGR SYST FURN	120 SF	2
1A22	PROV OFF	120 SF	2
1A30	PROV OFF	121 SF	2
1A24	PROV OFF	120 SF	2
1A38	RN WK RM	90 SF	1
1C66	COMM	118 SF	2
1A56	COMM	143 SF	2
1C09	COMM	141 SF	2
1A44	JAN	50 SF	1
1AST	STAIR BC	202 SF	3
1CST	STAIR BC	225 SF	3
1B07	ELEV MACH RM	91 SF	1
1A99A	VEST BC	84 SF	1
1A99M	VEST BC	65 SF	1
1D32	ELEC BC	336 SF	4
1A46	ELEC BC	75 SF	1
1A40	TREAT	79 SF	1
1A41	TREAT	79 SF	1
1A42	TREAT	84 SF	1
1B21	ELEC BC	134 SF	2
1D10	MECH AHU	41 SF	1
1C32	ELEC BC	80 SF	1
1A58	PLUMB BC	192 SF	2
1A47C	CEN LKR RM - SHWR	66 SF	1
1A48C	CEN LKR RM - SHWR	69 SF	1
1C24	F TLT MULT	61 SF	1
1C07	F TLT MULT	67 SF	1
1B50	M TLT MULT	83 SF	1
1B30	M TLT MULT	86 SF	1
1A99L	CORRIDOR BC	346 SF	4
1A99J	CORRIDOR BC	514 SF	6
1A99G	CORRIDOR BC	164 SF	2
1B99G	CORRIDOR BC	1139 SF	12
1B99H	CORRIDOR BC	844 SF	9
1B99B	CORRIDOR BC	121 SF	2
1A99K	CORRIDOR BC	334 SF	4
1A99H	CORRIDOR BC	188 SF	2
1A99F	CORRIDOR BC	251 SF	3
1A99E	CORRIDOR BC	219 SF	3
1B99E	CORRIDOR BC	195 SF	2
1B99J	CORRIDOR BC	864 SF	9
1B99C	CORRIDOR BC	412 SF	5
1B99D	CORRIDOR BC	312 SF	4
1B99A	CORRIDOR BC	75 SF	1
1B99L	CORRIDOR BC	312 SF	4
1B99K	CORRIDOR BC	62 SF	1
1C99B	CORRIDOR BC	304 SF	4
1C99A	CORRIDOR BC	137 SF	2
1C99D	CORRIDOR BC	312 SF	4
1C99C	CORRIDOR BC	137 SF	2
1C99F	CORRIDOR BC	312 SF	4
1C99E	CORRIDOR BC	137 SF	2
1C99H	CORRIDOR BC	312 SF	4
1C99G	CORRIDOR BC	137 SF	2
1D99C	CORRIDOR BC	293 SF	3
1D99A	CORRIDOR BC	96 SF	1
1D99E	CORRIDOR BC	437 SF	5

BUSINESS OCCUPANCY SCHEDULE - FIRST FLOOR			
NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
1D99D	CORRIDOR BC	124 SF	2
1D25	TREAT RM - PH	174 SF	2
1D31	SUB STER	129 SF	2
1C61	OPT/ TECH WK	137 SF	2
1C48	OPT/ TECH WK	138 SF	2
1B81C	RESIDENT CUB	62 SF	1
1B81B	RESIDENT CUB	51 SF	1
1B81A	RESIDENT CUB	49 SF	1
1B26	VISUAL FIELD	134 SF	2
1C01	RECEP	155 SF	2
1A10	EXAM	120 SF	2
1A38B	CC ALC	9 SF	1
1C71	LASER TREAT RM	206 SF	3
1C86	PRIVATE OFF COMMAND EEO	100 SF	2
1C46	SIM RM - PH	119 SF	2
1D05	EQUIP STOR	140 SF	2
1B52	EYE OP FAB - PH	221 SF	3
1B10	CONS	106 SF	2
1B02	FOOD KIOSK-PH	132 SF	2
1A38A	MED RM	65 SF	1
1A51	TRASH HOLD - PH	73 SF	1
1B51	EYEGLASS FITTING & DISP	115 SF	2
1BST	STAIR BC	199 SF	2
1D99B	CORRIDOR BC	215 SF	3
1B99F	CORRIDOR BC	205 SF	3
1C85A		45 SF	1
1D07	FULL L EYE LANE	181 SF	2
1C41	EYE LANE FOLDED ELECTRONIC	135 SF	2
1C18	EYE LANE FOLDED ELECTRONIC	135 SF	2
1A12	EXAM	120 SF	2
1A14	EXAM	120 SF	2
1A32	SHARED OFF	117 SF	2
1A17	SHARED OFF	117 SF	2
1A50B	EQUIP STOR	312 SF	4
1A99D	CORRIDOR BC	199 SF	2
1B50A	PLUMB BC	42 SF	1
1D99F	CORRIDOR BC	339 SF	4
1BE2	ELEVATOR BC	65 SF	1
1BE1	ELEVATOR BC	65 SF	1

GENERAL NOTES: FLOOR PLAN

A. OCCUPANCY LOAD SCHEDULES ARE PROVIDED AS REQUIRE BY UFC 3-600-10N, HOWEVER, THE ACTUAL OCCUPANT LOAD CALCULATIONS ARE SHOWN ON DRAWING G-003.

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES RCB | DRW DML | CHK TAS
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GENERAL - LIFE SAFETY - BUSINESS OCCUPANCY SCHEDULE - FIRST FLOOR

SCALE:
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065726
SHEET OF 0

G-004

C:\Users\dlittle\Documents\191274-F-F2-CENTRAL_dlittle.rvt 3/26/2014 2:58:49 PM

BUSINESS OCCUPANCY SCHEDULE - SECOND FLOOR

NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
2A00	RECEP CTRL OUTPATIENT	90 SF	1
2A01	REC STOR MV SHV	88 SF	1
2A21	OFF1 SYST FURN	113 SF	2
2A25	SHARED OFF	122 SF	2
2A24	OFF2 SYST FURN	104 SF	2
2A13A	ADMIN CUB	49 SF	1
2A13E	ADMIN CUB	60 SF	1
2A13J	ADMIN CUB	62 SF	1
2A13B	ADMIN CUB	49 SF	1
2A13G	ADMIN CUB	60 SF	1
2A13F	ADMIN CUB	60 SF	1
2A13K	ADMIN CUB	62 SF	1
2A13C	ADMIN CUB	49 SF	1
2A13L	ADMIN CUB	62 SF	1
2A13H	ADMIN CUB	60 SF	1
2A13M	ADMIN CUB	62 SF	1
2A13D	ADMIN CUB	49 SF	1
2A31	FORMS LITERATURE STOR	109 SF	2
2A23	OFF2 SYST FURN	104 SF	2
2A26	SHARED OFF	104 SF	2
2A20	OFF2 SYST FURN	171 SF	2
2A18	OFF2 SYST FURN	119 SF	2
2A16	OFF2 SYST FURN	120 SF	2
2A14	OFF2 SYST FURN	120 SF	2
2A12	OFF2 SYST FURN	120 SF	2
2A10	OFF2 SYST FURN	120 SF	2
2A08	OFF2 SYST FURN	119 SF	2
2A06	OFF2 SYST FURN	119 SF	2
2A04	OFF2 SYST FURN	119 SF	2
2A02	OFF2 SYST FURN	114 SF	2
2A33	OFF2 SYST FURN	109 SF	2
2A35	OFF2 SYST FURN	109 SF	2
2A37	OFF2 SYST FURN	109 SF	2
2A39	OFF2 SYST FURN	109 SF	2
2A41	OFF2 SYST FURN	109 SF	2
2A05A	OFF2 SYST FURN	122 SF	2
2A05B	OFF2 SYST FURN	123 SF	2
2C49M	ADMIN CUB HLTH PHYSICISTS TECH	47 SF	1
2C49H	ADMIN CUB HLTH PHYSICISTS TECH	52 SF	1
2C49D	ADMIN CUB HLTH PHYSICISTS TECH	44 SF	1
2C49L	ADMIN CUB HLTH PHYSICISTS TECH	36 SF	1
2C49C	ADMIN CUB HLTH PHYSICISTS TECH	36 SF	1
2C49K	ADMIN CUB HLTH PHYSICISTS TECH	36 SF	1
2C49B	ADMIN CUB HLTH PHYSICISTS TECH	37 SF	1
2C49J	ADMIN CUB HLTH PHYSICISTS TECH	56 SF	1
2C49A	ADMIN CUB HLTH PHYSICISTS TECH	57 SF	1
2C49N	ADMIN CUB HLTH PHYSICISTS TECH	59 SF	1
2C49E	ADMIN CUB HLTH PHYSICISTS TECH	57 SF	1
2C49G	ADMIN CUB HLTH PHYSICISTS TECH	42 SF	1
2C49F	ADMIN CUB HLTH PHYSICISTS TECH	61 SF	1
2C47	ADMIN OFF HLTH PHYSICISTS	111 SF	2
2C45	ADMIN OFF HLTH PHYSICISTS	109 SF	2
2C43	ADMIN OFF HLTH PHYSICISTS	109 SF	2
2C41	ADMIN OFF HLTH PHYSICISTS	109 SF	2
2C42	RECEP	90 SF	1
2C49P	ST LNG	76 SF	1
2C51	RADIATION PROTECTION LAB	201 SF	3
2B83	JAN	40 SF	1
2C46	JAN	39 SF	1
2C32	COPY	104 SF	2
2C28	FILE STOR RM	47 SF	1
2C13	PRIVATE OFF DEP COMMANDER SURG	115 SF	2

BUSINESS OCCUPANCY SCHEDULE - SECOND FLOOR

NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
2C14	PRIVATE OFF DEP COMMANDER SURG	115 SF	2
2C15	PRIVATE OFF DEP COMMANDER SURG	114 SF	2
2C16	PRIVATE OFF ACOS PUB HLTH	97 SF	1
2C33	PRIVATE OFF CLIN SUPPORT ADMIN	116 SF	2
2C31	PRIVATE OFF DEPT MED	116 SF	2
2C29	PRIVATE OFF DEPT MED	116 SF	2
2C10	PRIVATE OFF DEPT SURG	119 SF	2
2C11	PRIVATE OFF DEPT SURG	114 SF	2
2C12	PRIVATE OFF DEP COMMANDER MED	115 SF	2
2C17	PRIVATE OFF DEP COMMANDER SURG	113 SF	2
2C18	PRIVATE OFF PUB HLTH ADMIN SUPPORT	110 SF	2
2C19	PRIVATE OFF PUB HLTH ADMIN SUPPORT	106 SF	2
2C21	PRIVATE OFF COMMAND EEO	109 SF	2
2C22	PRIVATE OFF STD FURN	112 SF	2
2C20	PRIVATE OFF STD FURN	112 SF	2
2C04	TLT COMMANDER	53 SF	1
2C06	TLT COMMANDER	53 SF	1
2C05	WAIT	111 SF	2
2C30	PRIVATE OFF DEPT MED	115 SF	2
2C34	PRIVATE OFF DEPT MED	116 SF	2
2C77	CHAP OFF	121 SF	2
2C79	CHAP OFF	128 SF	2
2B60	CHAP OFF	113 SF	2
2C65	CHAP OFF	122 SF	2
2C63	CHAP OFF	120 SF	2
2B61	CHAP OFF	122 SF	2
2B59	CHAP OFF	122 SF	2
2B57	CHAP OFF	121 SF	2
2C67	CHAP OFF	122 SF	2
2B62	CHAP OFF	124 SF	2
2B64	CHAP OFF	121 SF	2
2C66	CHAP OFF	127 SF	2
2C68	CHAP OFF	134 SF	2
2C70	RELIGIOUS PROG SPECIALIST OFF	105 SF	2
2C71	RELIGIOUS PROG SPECIALIST OFF	105 SF	2
2C72	RELIGIOUS PROG SPECIALIST OFF	105 SF	2
2C80	RELIGIOUS PROG SPECIALIST OFF	101 SF	2
2B75E	RELIGIOUS SPECIALISTS ADMIN CUB	53 SF	1
2B75D	RELIGIOUS SPECIALISTS ADMIN CUB	52 SF	1
2B75B	RELIGIOUS SPECIALISTS ADMIN CUB	52 SF	1
2B75A	RELIGIOUS SPECIALISTS ADMIN CUB	42 SF	1
2B76	SECY W/ VISITOR WAIT	107 SF	2
2B18	RECEP	133 SF	2
2B28	ADMIN OFF	106 SF	2
2B26	ADMIN OFF	109 SF	2
2B24	ADMIN OFF	109 SF	2
2B22	ADMIN OFF	109 SF	2
2B31B	ADMIN CUB	54 SF	1
2B32A	ADMIN CUB	47 SF	1
2B32C	ADMIN CUB	47 SF	1
2B31A	ADMIN CUB	55 SF	1

BUSINESS OCCUPANCY SCHEDULE - SECOND FLOOR

NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
2B49	CHIEF'S OFF	109 SF	2
2B18A	FORMS LITERATURE STOR	101 SF	2
2B30	NCOIC/ LCPO/ LPO OFF	109 SF	2
2B56A	REC STOR FIXED SHV	124 SF	2
2B21	TLT	48 SF	1
2B42	TLT	60 SF	1
2B31C	ADMIN CUB	58 SF	1
2B32F	ADMIN CUB	54 SF	1
2B27	F TLT SNGL	60 SF	1
2B40	M TLT SNGL	60 SF	1
2B37	MENTAL HLTH PROV	116 SF	2
2B39	MENTAL HLTH PROV	116 SF	2
2B41	MENTAL HLTH PROV	116 SF	2
2B43	MENTAL HLTH PROV	116 SF	2
2B45	MENTAL HLTH PROV	116 SF	2
2B47	MENTAL HLTH PROV	116 SF	2
2B50	MENTAL HLTH PROV	186 SF	2
2B34	MENTAL HLTH PROV	112 SF	2
2B51	MENTAL HLTH PROV	120 SF	2
2B52	MENTAL HLTH PROV	120 SF	2
2B53	MENTAL HLTH PROV	119 SF	2
2B54	MENTAL HLTH PROV	120 SF	2
2B55	MENTAL HLTH PROV	119 SF	2
2B35	MENTAL HLTH PROV	107 SF	2
2B36	MENTAL HLTH PROV	112 SF	2
2B25	PROC/ INT	112 SF	2
2B56	REC STOR FIXED SHV	124 SF	2
2B38	SECY W/ VISITOR WAIT	112 SF	2
2A99K	PAT EDU KIOSK ALC	18 SF	1
2B12B	ADMIN CUB	52 SF	1
2B12D	ADMIN CUB	51 SF	1
2B12A	ADMIN CUB	60 SF	1
2B12C	ADMIN CUB	51 SF	1
2B08	ADMIN OFF	122 SF	2
2B01	ADMIN OFF	112 SF	2
2B00	INFO	101 SF	2
2B02	STOR RM EQUIP/ SHV	57 SF	1
2C37	ADMIN OFF	104 SF	2
2C07	STOR SHV	96 SF	1
2A22	COMM	123 SF	2
2B86	COMM	139 SF	2
2B84	ELEC BC	49 SF	1
2A34	ELEC BC	89 SF	1
2BST	STAIR BC	265 SF	3
2AST	STAIR BC	203 SF	3
2CST	STAIR BC	232 SF	3
2B48A	ELEC BC	47 SF	1
2C38	ELEC BC	64 SF	1
2C36	M TLT MULT	58 SF	1
2B85	M TLT MULT	47 SF	1
2A11	M TLT MULT	45 SF	1
2C44	F TLT MULT	56 SF	1
2B82	F TLT MULT	48 SF	1
2A99B	CORRIDOR BC	540 SF	6
2B99A	CORRIDOR BC	1060 SF	11
2B99B	CORRIDOR BC	342 SF	4
2B99D	CORRIDOR BC	34 SF	1
2B99K	CORRIDOR BC	357 SF	4
2C99A	CORRIDOR BC	101 SF	2
2B99C	CORRIDOR BC	40 SF	1
2B99J	CORRIDOR BC	33 SF	1
2A99F	CORRIDOR BC	403 SF	5
2A99G	CORRIDOR BC	571 SF	6

BUSINESS OCCUPANCY SCHEDULE - SECOND FLOOR

NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
2A99C	CORRIDOR BC	133 SF	2
2A99D	CORRIDOR BC	98 SF	1
2A99E	CORRIDOR BC	233 SF	3
2A99H	CORRIDOR BC	105 SF	2
2B99E	CORRIDOR BC	405 SF	5
2B99G	CORRIDOR BC	426 SF	5
2B99F	CORRIDOR BC	124 SF	2
2B99H	CORRIDOR BC	246 SF	3
2B99L	CORRIDOR BC	198 SF	2
2B99M	CORRIDOR BC	268 SF	3
2C99N	CORRIDOR BC	197 SF	2
2C99B	CORRIDOR BC	172 SF	2
2C99C	CORRIDOR BC	382 SF	4
2C99D	CORRIDOR BC	246 SF	3
2A99A	LOBBY	462 SF	5
2C35D	ADMIN CUB COMMAND HCA RESIDENTS	49 SF	1
2C35M	ADMIN CUB COMMAND HCA RESIDENTS	49 SF	1
2C35H	ADMIN CUB COMMAND URINALYSIS	88 SF	1
2C35R	ADMIN CUB COMMAND HCA RESIDENTS	49 SF	1
2C35Q	ADMIN CUB DEPT SURG	49 SF	1
2C35P	ADMIN CUB DEPT SURG	48 SF	1
2C35G	ADMIN CUB DEPT SURG	81 SF	1
2C35F	ADMIN CUB DEPT SURG	72 SF	1
2C35N	ADMIN CUB DEPT SURG	49 SF	1
2C35C	ADMIN CUB DEP COMMANDER MED	49 SF	1
2C35E	ADMIN CUB DEP COMMANDER MED	73 SF	1
2C35B	ADMIN CUB DEP COMMANDER MED	56 SF	1
2C35L	ADMIN CUB DEP COMMANDER MED	48 SF	1
2C35K	ADMIN CUB TBI ORTHO/ REHAB SUPPORT	48 SF	1
2C35J	ADMIN CUB TBI ORTHO/ REHAB SUPPORT	49 SF	1
2C35A	ADMIN CUB TBI ORTHO/ REHAB SUPPORT	50 SF	1
2B73	M TLT MULT	66 SF	1
2B75C	RELIGIOUS SPECIALISTS ADMIN CUB	50 SF	1
2C69	DUTY RM - PH	186 SF	2
2C50	ANL COUNT RM - PH	195 SF	2
2C00	OFF1 SYST FURN	114 SF	2
2B78A	STUDENT RELIGIOUS PROG - PH	49 SF	1
2C03	MIL TEST - PH	199 SF	2
2C03A	EQUIP STOR	56 SF	1
2C05A	CIV TEST - PH	100 SF	1
2C05B	EQUIP STOR	50 SF	1
2A05D	OFF2 SYST FURN	123 SF	2
2A05C	OFF2 SYST FURN	122 SF	2
2C08	ADMIN OFF DBL OCC - PH	116 SF	2
2B06	ADMIN OFF DBL OCC - PH	122 SF	2
2B10	CONS	122 SF	2
2B13	ADMIN OFF DBL OCC - PH	111 SF	2
2B15	ADMIN OFF DBL OCC - PH	112 SF	2
2B03	REC ADMIN OFF - PH	110 SF	2
2B32H	ADMIN CUB	57 SF	1
2B32J	ADMIN CUB	60 SF	1
2B32G	ADMIN CUB	52 SF	1
2B32E	ADMIN CUB	47 SF	1

BUSINESS OCCUPANCY SCHEDULE - SECOND FLOOR

NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
2B32D	ADMIN CUB	52 SF	1
2B32B	ADMIN CUB	51 SF	1
2B78B	STUDENT RELIGIOUS PROG - PH	48 SF	1
2C23	PRIVATE OFF STD FURN	110 SF	2
2C24	PRIVATE OFF STD FURN	106 SF	2
2C26	PRIVATE OFF STD FURN	67 SF	1
2C27B	ADMIN CUB DEPT SURG	45 SF	1
2C27A	ADMIN CUB DEPT SURG	45 SF	1
2A99J	CORRIDOR BC	267 SF	3
2C99E	CORRIDOR BC	435 SF	5
2A13P	ADMIN CUB	52 SF	1
2CXD	SHAFT	9 SF	1
2BXA	SHAFT	18 SF	1
2A99L	CORRIDOR BC	67 SF	1
2C39	EQUIP STOR	98 SF	1
2C99F	COMM BC	135 SF	2
2A73	PROV OFF	87 SF	1
2A71	RESIDENT CUB	87 SF	1
2A69	RESIDENT CUB	87 SF	1
2A68	EXAM	117 SF	2
2A60	EXAM	115 SF	2
2A62	EXAM	117 SF	2
2A58	EXAM	117 SF	2
2A70	EXAM RM PROV	117 SF	2
2A72	EXAM RM PROV	117 SF	2
2A28	EXAM RM PROV	106 SF	2
2A27	EXAM RM PROV	106 SF	2
2A30A	EAP	119 SF	2
2A30B	DEPT CHIEF OFF	126 SF	2
2A43	RECEP	89 SF	1
2A29	PRIVATE OFF COMMAND EEO	112 SF	2
2A51	ADULT SCREENING	72 SF	1
2A52	ADULT SCREENING	72 SF	1
2A45	ADULT SCREENING	64 SF	1
2A46	ADULT SCREENING	64 SF	1
2A50	REC STOR MV SHV	153 SF	2
2A44	REC STOR MV SHV	81 SF	1
2A64	RN OFF	106 SF	2
2A66	RN OFF	112 SF	2
2A65	EQUIP STOR	95 SF	1
2A67	RN MGR SYST FURN	100 SF	2
2A53	EKG	72 SF	1
2A54	VISION SCREENING	72 SF	1
2A47	CLINIC MGR	135 SF	2
2A48	AUDIO LAB	151 SF	2
2A29A	TRASH HOLD - PH	21 SF	1
2BE2	ELEVATOR BC	65 SF	1
2BE1	ELEVATOR BC	65 SF	1
2B99N	CORRIDOR BC	257 SF	3

GENERAL NOTES: FLOOR PLAN

A. OCCUPANCY LOAD SCHEDULES ARE PROVIDED AS REQUIRE BY UFC 3-600-10N, HOWEVER, THE ACTUAL OCCUPANT LOAD CALCULATIONS ARE SHOWN ON DRAWING G-003.

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

THOMAS A. STANTON No. 022320 PROFESSIONAL ENGINEER 3/26/14

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
ATLANTIC
Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES PACKAGE 2 - CLINIC BUILDING
GENERAL - LIFE SAFETY - BUSINESS OCCUPANCY SCHEDULE - SECOND FLOOR

SCALE:
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065727
SHEET OF 0
G-005

C:\Users\dlittle\Documents\191274-F-F2-CENTRAL_dlittle 3/26/2014 2:58:53 PM

ASSEMBLY OCCUPANCY SCHEDULE - FIRST FLOOR			
NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
1A00	CHAPEL	915 SF	62
1A00A	ALTAR	62 SF	5
1A01	WAIT CHAIRS	347 SF	24
1A33	CONF RM/ LNG	213 SF	15
1B00	WAIT	104 SF	7
1B05	FAM WAIT	38 SF	3
1B08	CONF SM	232 SF	16
1B28	CLIN WAIT	138 SF	10
1B36	CLIN WAIT	331 SF	23
1B45	CLIN WAIT	137 SF	10
1C00A	CLIN WAIT	208 SF	14
1C00B	PEDS WAIT RM	135 SF	9
1C00C	WAIT	271 SF	19
1C18A	SUB-WAIT	283 SF	19
1C44	CONF LG	295 SF	20
1C47	SUB-WAIT	206 SF	14
1C68	SUB-WAIT	165 SF	12
1C85	ST LNG	148 SF	10
1D00	CONF LG	215 SF	15
1D08	SUB-WAIT	102 SF	7
1D20	WAIT	170 SF	12

ASSEMBLY OCCUPANCY SCHEDULE - SECOND FLOOR			
NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
2A03	PAT LIB	209 SF	14
2A42	WAIT CHAIRS	128 SF	9
2A42A	WAIT CHAIRS	56 SF	4
2A49	ST LNG CONF	147 SF	10
2B04	GRP ACTIVITY RM	165 SF	11
2B14	ST LNG	124 SF	9
2B16	CONF LG	172 SF	12
2B17	CLIN WAIT	240 SF	16
2B19	CONF RM/ ACTIVITY RM	201 SF	14
2B29	CONF LG	355 SF	24
2B46	GRP THER	338 SF	23
2B58	CONF RM/ LIB	254 SF	17
2B74	WAIT	105 SF	8
2B74A	FAM WAIT	81 SF	6
2B81	CONF LG	283 SF	19
2C01	WAIT	65 SF	5
2C02	WAIT	64 SF	5
2C25	CONF LG	305 SF	21

EDUCATION OCCUPANCY SCHEDULE - SECOND FLOOR			
NUMBER	ROOM NAME	AREA	OCCUPANT LOAD
2C09	CLRM TABLE W/ CHAIR	696 SF	35

GENERAL NOTES: FLOOR PLAN

A. OCCUPANCY LOAD SCHEDULES ARE PROVIDED AS REQUIRE BY UFC 3-600-10N. HOWER, THE ACTUAL OCCUPANT LOAD CALCULATIONS ARE SHOWN ON DRAWING G-003.

KEYED NOTES: FLOOR PLAN

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13

NAVFAC

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

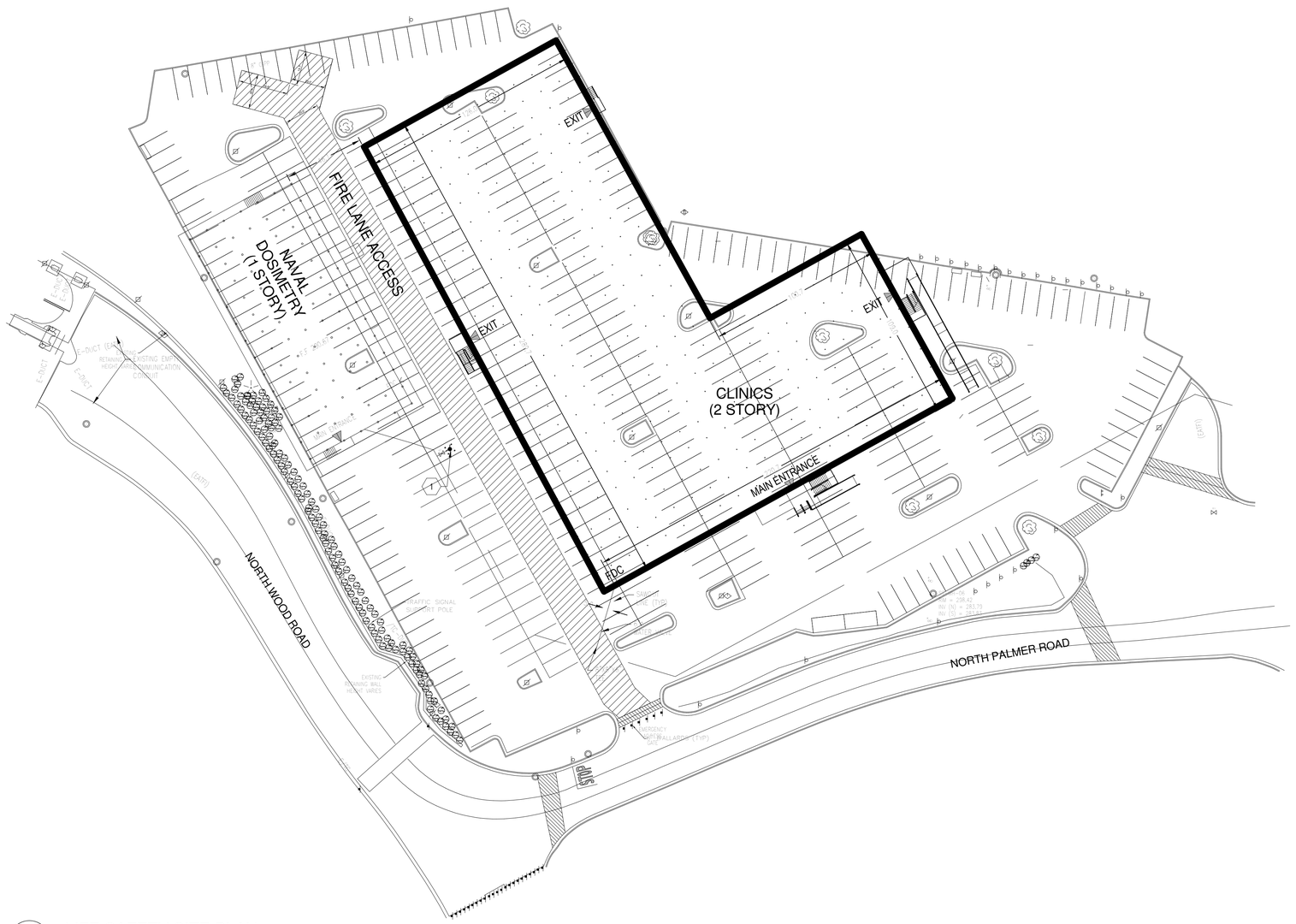
DES RCB DRW DML CHK TAS
PMDM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland
NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
GENERAL - LIFE SAFETY - ASSEMBLY AND EDUCATION OCCUPANCY SCHEDULES

SCALE:
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065728
SHEET OF 0

G-006

C:\Users\dlittle\Documents\191274-F-F2-CENTRAL3.rvt 2:59:00 PM



1A LIFE SAFETY SITE PLAN

NTS

GENERAL NOTES: FLOOR PLAN

KEYED NOTES: FLOOR PLAN

1 HYDRANT INSTALLED WITH DOSIMETRY BUILDING PROVIDES ADEQUATE HOSE REACH INTO ENTIRE CLINIC BUILDING AND TO SIAMESE CONNECTION.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

NAVFAC

HDR

ARCHITECTURE | ENGINEERING & CONSULTING

1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK. TAS

PMOM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda

BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GENERAL - LIFE SAFETY - SITE PLAN

SCALE: 1 : 37

EPROJECT NO.: 1151333

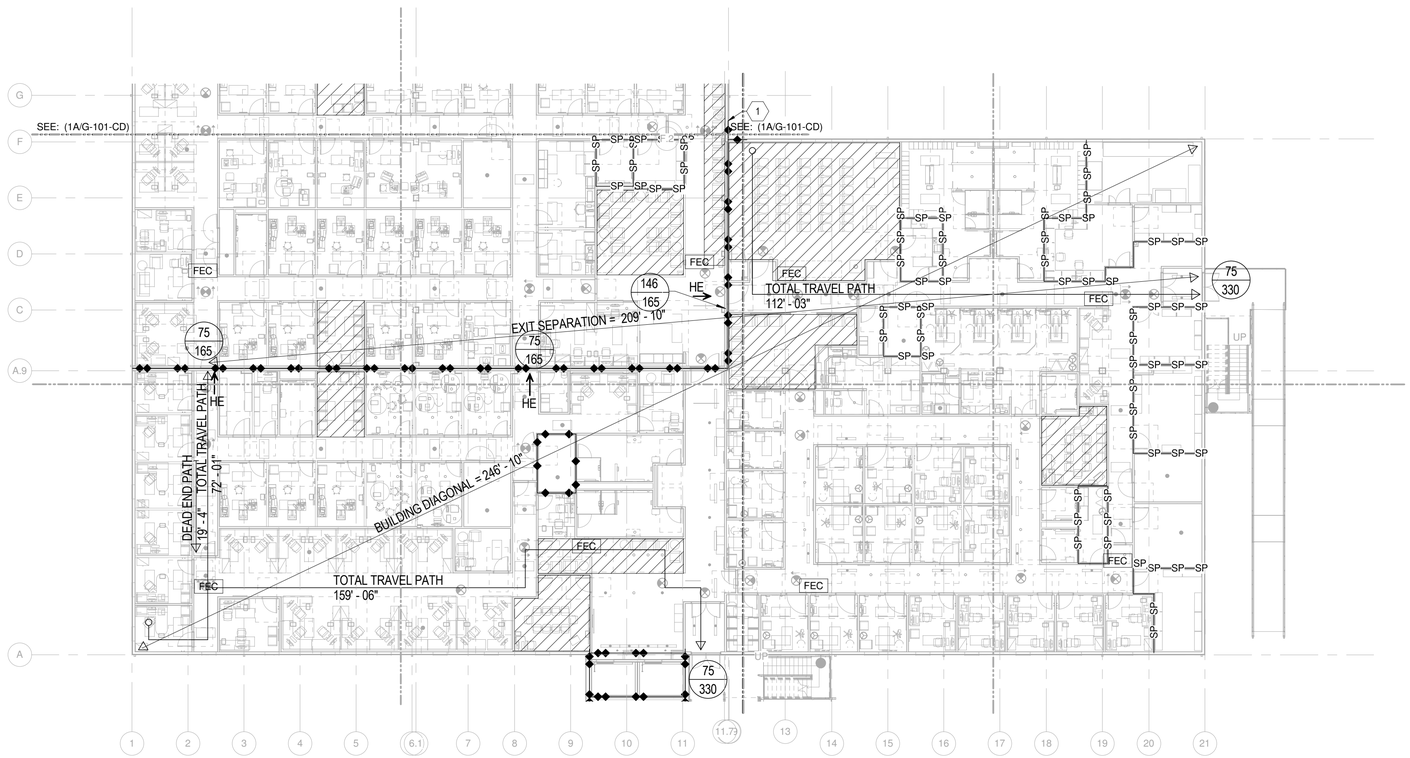
CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065729

SHEET OF 0

G-101

C:\Users\dlittle\Documents\191274-F-F2-CENTRAL3.rvt 2:59:01 PM



1A LEVEL 1 P125 - AREAS A, B1 AND B2 - LIFE SAFETY

1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"

GENERAL NOTES: FLOOR PLAN

A. SEPARATION OF OUTSIDE STAIR PROTECTION IS NOT REQUIRED PER NFPA 101 SECTION 7.2.2.6.3.1 (2)

KEYED NOTES: FLOOR PLAN

1 PROVIDE 1-HOUR EXTERIOR WALL RATING FOR 4 FEET FROM END OF FIRE WALL ON BOTH SIDES DUE TO FIRE WALL CONSTRUCTION REQUIREMENTS DUE TO FIREWALL CONSTRUCTION REQUIREMENTS.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

NAVFAC

HDR

ARCHITECTURE | ENGINEERING & CONSULTING

1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

NAVAL FACILITIES ENGINEERING COMMAND – NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda

BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GENERAL - LIFE SAFETY PLAN - FIRST FLOOR AREAS A, B1 AND B2

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065730

SHEET OF 0

G-101-AB

D1	D2		
C3	C4		
C1	C2		
B3	B4	A3	A4
B1	B2	A1	A2

KEY PLAN

C:\Users\dlittle\Documents\191274-F-F2-CENTRAL3.rvt 3/26/2014 2:59:05 PM

1A LEVEL 1 P125 - AREAS B3, B4, C AND D - LIFE SAFETY

1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"

GENERAL NOTES: FLOOR PLAN

A. SEPARATION OF OUTSIDE STAIR PROTECTION IS NOT REQUIRED PER NFPA 101 SECTION 7.2.2.6.3.1 (2)

KEYED NOTES: FLOOR PLAN

1 PROVIDE 1-HOUR EXTERIOR WALL RATING FOR 4 FEET FROM END OF FIRE WALL ON BOTH SIDES DUE TO FIRE WALL CONSTRUCTION REQUIREMENTS DUE TO FIREWALL CONSTRUCTION REQUIREMENTS.

2 DOOR DISCHARGE CAPACITY LIMITED BY 48-INCH STAIR TO GRADE.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

NAVFAC

HDR

ARCHITECTURE | ENGINEERING & CONSULTING

1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PM/DM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda

BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GENERAL - LIFE SAFETY PLAN - FIRST FLOOR AREAS B3, B4, C AND D

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065731

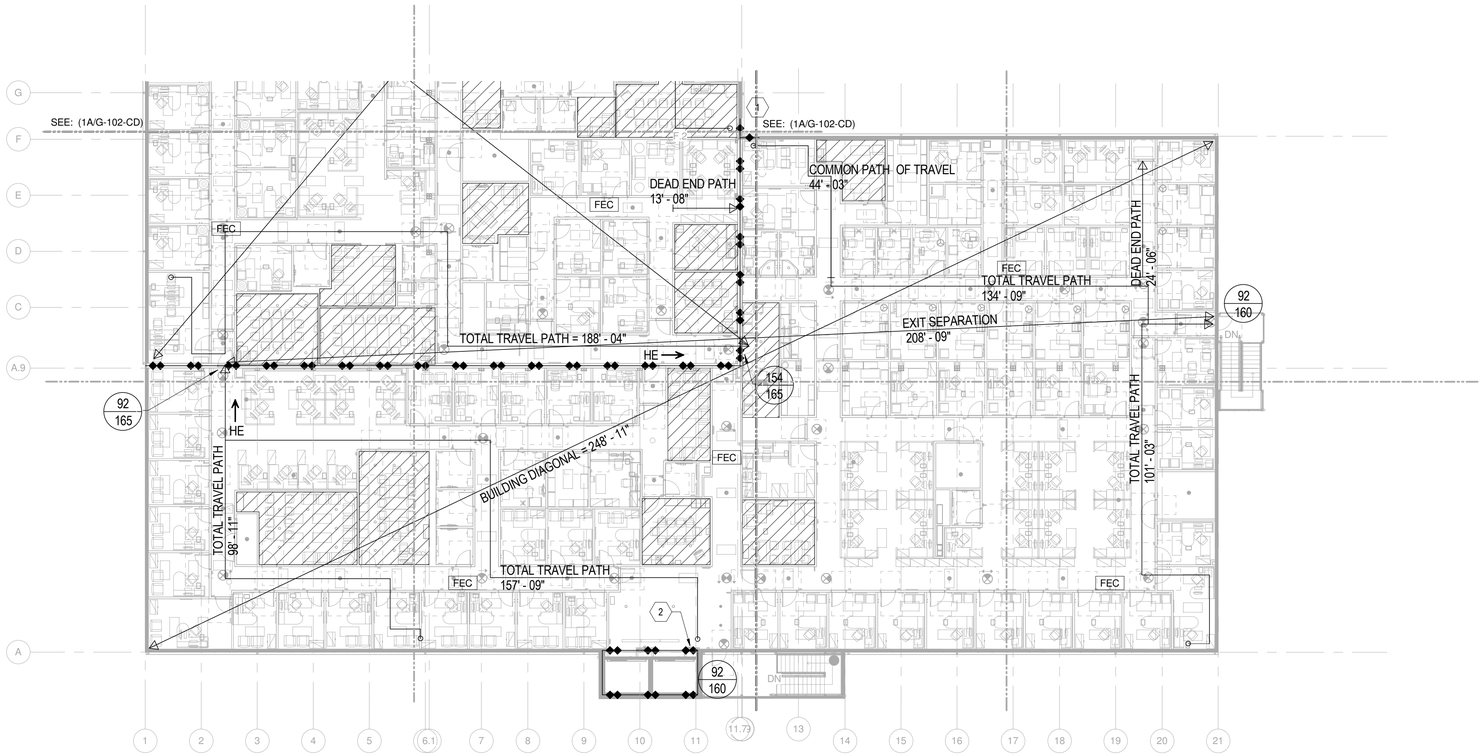
SHEET OF 0

G-101-CD

D1	D2		
C3	C4		
C1	C2		
B3	B4	A3	A4
B1	B2	A1	A2

KEY PLAN

C:\Users\dlittle\Documents\191274-F-F2-CENTRAL\G101.dwg 4/1/2014 2:59:08 PM



1A LEVEL 2 P125 - AREAS A, B1 AND B2 - LIFE SAFETY

1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"

GENERAL NOTES: FLOOR PLAN

A. SEPARATION OF OUTSIDE STAIR PROTECTION IS NOT REQUIRED PER NFPA 101 SECTION 7.2.2.6.3.1 (2).

B. THE SECOND FLOOR OF THE CLINIC (BOTH BUILDINGS) IS AN AREA OF REFUGE PER NFPA 101 PARAGRAPH 7.2.12.1.1 AND THE REQUIRED TWO-WAY COMMUNICATION IS PROVIDED IN THE ELEVATOR LOBBY AS SHOWN.

KEYED NOTES: FLOOR PLAN

1 PROVIDE 1-HOUR EXTERIOR WALL RATING FOR 4 FEET FROM END OF FIRE WALL ON BOTH SIDES DUE TO FIRE WALL CONSTRUCTION REQUIREMENTS DUE TO FIREWALL CONSTRUCTION REQUIREMENTS.

2 SECOND FLOOR AREA OF REFUGE TWO-WAY COMMUNICATION DEVICE.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

NAVFAC

HDR

ARCHITECTURE | ENGINEERING & CONSULTING

1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda

BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GENERAL - LIFE SAFETY PLAN - SECOND FLOOR AREAS A, B1 AND B2

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

EPROJECT NO.: 1151333

CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065732

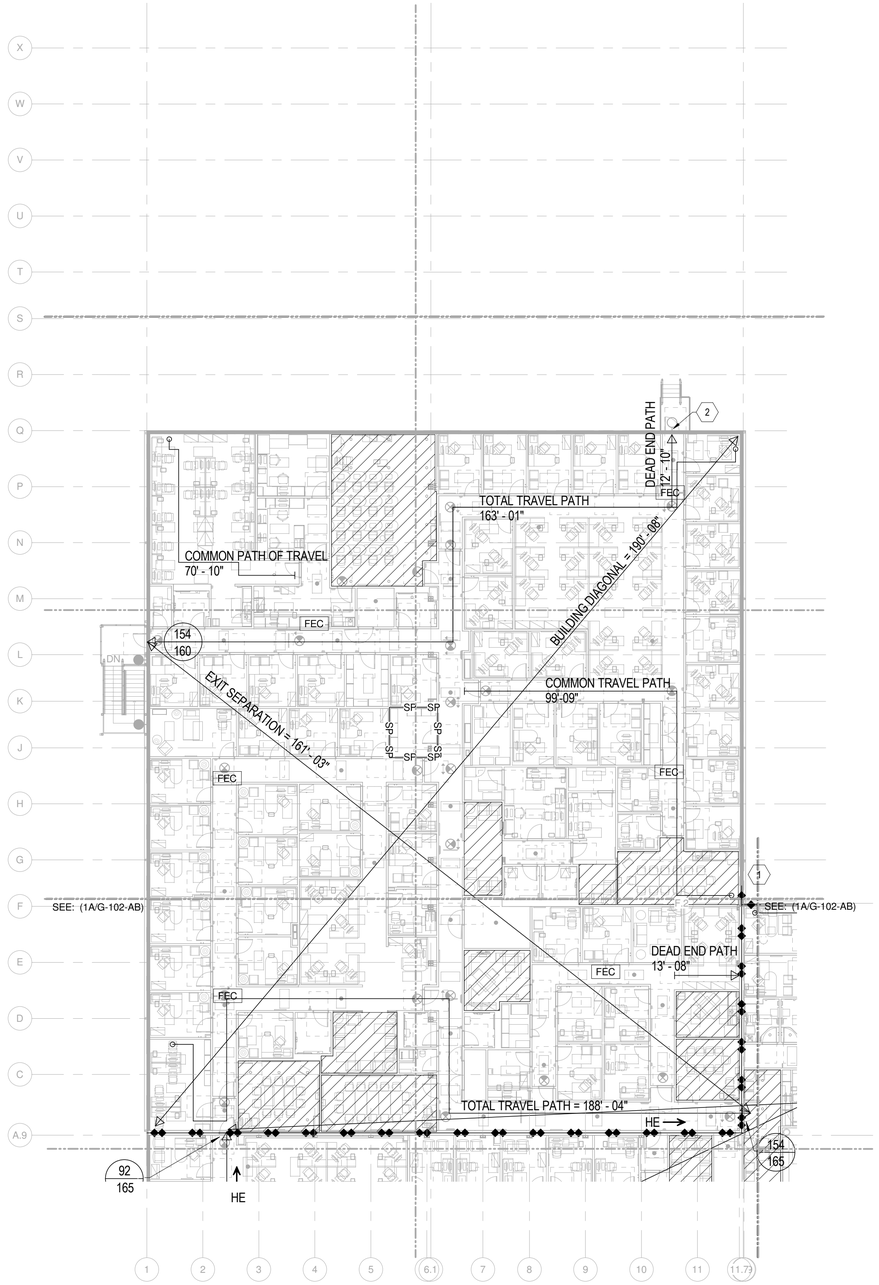
SHEET OF 0

G-102-AB

D1	D2		
C3	C4		
C1	C2		
B3	B4	A3	A4
B1	B2	A1	A2

KEY PLAN

C:\Users\dlitle\Documents\191274-F-F2-CENTRAL\G102.dwg 4/3/2014 2:59:11 PM



1A LEVEL 2 P125 - AREAS B3, B4, C AND D - LIFE SAFETY

1/16" = 1'-0"

0 8'-0" 16'-0" 32'-0"

GENERAL NOTES: FLOOR PLAN

A. SEPARATION OF OUTSIDE STAIR PROTECTIONIS NOT REQUIRED PER NFPA 101 SECTION 7.2.2.6.3.1 (2).

B. THE SECOND FLOOR OF THE CLINIC (BOTH BUILDINGS) IS AN AREA OF REFUGE PER NFPA 101 PARAGRAPH 7.2.12.1.1 AND THE REQUIRED TWO-WAY COMMUNICATION IS PROVIDED IN THE ELEVATOR LOBBY AS SHOWN ON SHEET G-102-AB.

KEYED NOTES: FLOOR PLAN

1 PROVIDE 1-HOUR EXTERIOR WALL RATING FOR 4 FEET FROM END OF FIRE WALL ON BOTH SIDES DUE TO FIRE WALL CONSTRUCTION REQUIREMENTS DUE TO FIREWALL CONSTRUCTION REQUIREMENTS.

2 NOT AN EXIT.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	03/26/14
	100% FINAL DESIGN SUBMISSION	02/14/14
	65% VE SUBMISSION	11/25/13
	65% SUBMITTAL	04/26/13
	35% SUBMITTAL	03/08/13

D1	D2		
C3	C4		
C1	C2		
B3	B4	A3	A4
B1	B2	A1	A2

KEY PLAN

NAVFAC

HDR

ARCHITECTURE | ENGINEERING & CONSULTING

1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES RCB DRW DML CHK TAS

PMDM CHEMENJU/HILL

BRANCH MANAGER N/A

CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC

NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
Walter Reed National Military Medical Center - Bethesda, Maryland

NSA/Bethesda

BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GENERAL - LIFE SAFETY PLAN - SECOND FLOOR AREAS B3, B4, C AND D

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

EPROJECT NO.: 1151333

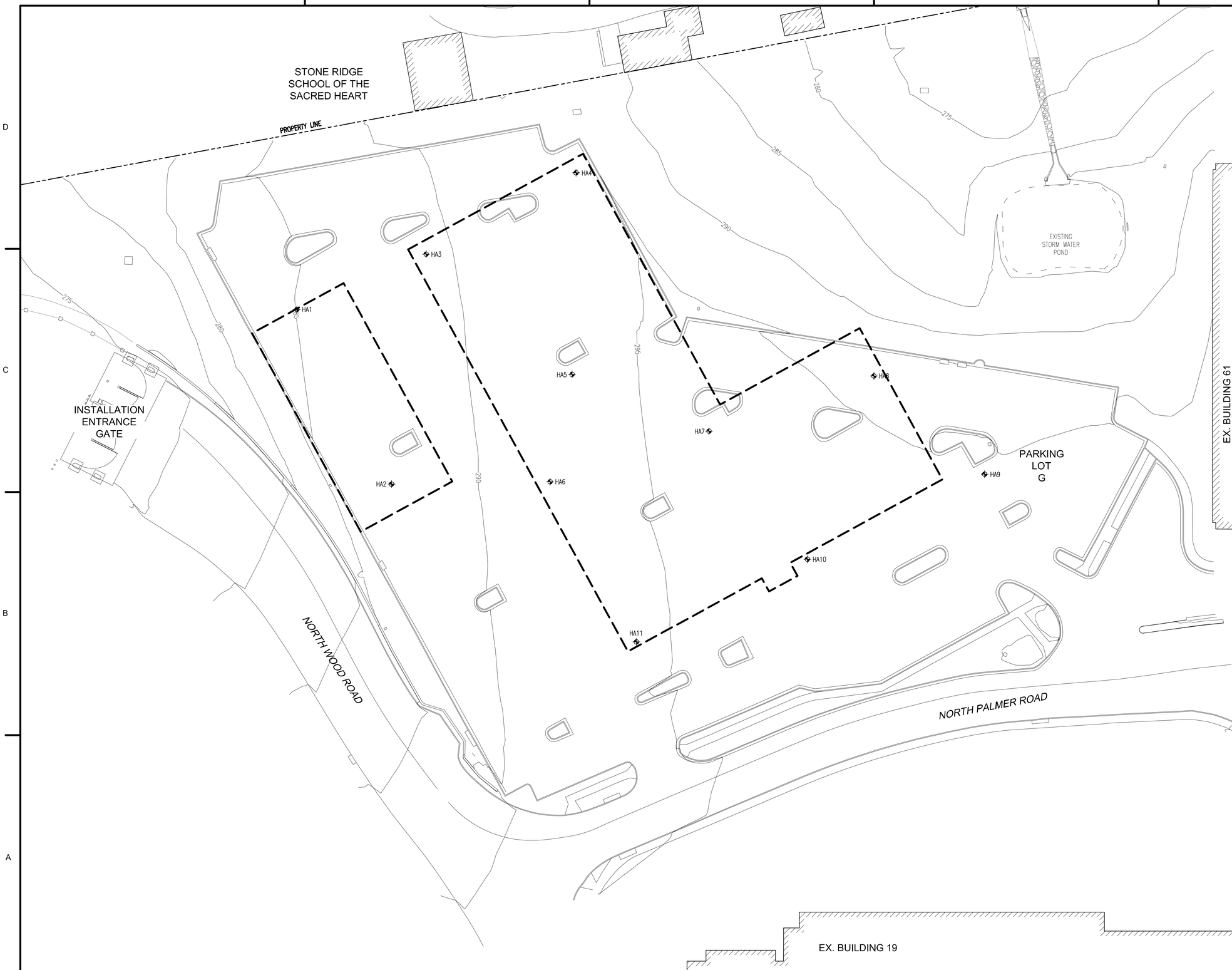
CONSTR. CONTR. NO. N62470-09-D-9044

NAVFAC DRAWING NO. 13065733

SHEET OF 0

G-102-CD

C:\Users\dlittle\Documents\191274-F-F2-CENTRAL3.rvt 2:59:14 PM



BORING LOCATIONS

BORING ID	NORTHING	EASTING
HA1	487211.76	1285055.32
HA2	487101.35	1285115.27
HA3	487246.75	1285137.09
HA4	487298.19	1285231.93
HA5	487170.71	1285229.41
HA6	487102.87	1285215.56
HA7	487134.83	1285316.01
HA8	487169.73	1285420.34
HA9	487107.60	1285490.31
HA10	487053.84	1285378.22
HA11	487001.64	1285270.10

NOTES:

1. COORDINATE SYSTEM REFERS TO MARYLAND STATE PLANE NAD 83 FEET.
1. COORDINATES LOCATION SHALL BE CONSIDERED APPROXIMATE.

GEOTHECHNICAL LEGEND:

HA3 BORING LOCATIONS

PROPOSED BUILDINGS OUTLINE

GEOTHECHNICAL NOTES:

1. BORING LOCATIONS PLAN AND LOGS PROVIDED TO HDR BY HALEY & ALDRICH.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	11/4/15
	FINAL CORRECTED SET	3/26/14
	100% FINAL DESIGN SUBMISSION	2/3/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND
MICHAEL W. PUCCI
No. 42603
PROFESSIONAL ENGINEER
11-04-15

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES MMM DRW NI CHK MWP
PM/DM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENGARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
Walter reed National Military Medical center - Bethesda, Maryland
ATLANTIC
NSA/Bethesda
BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING
GEOTECHNICAL - SOIL BORING PLAN

SCALE: NOT TO SCALE
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065734
SHEET OF 0
B-101

TEST BORING REPORT — HA1

HALEY & ALDRICH

Boring No. HA1

File No. 39592-000
Sheet No. 1 of 2
Start 9 February 2013
Finish 9 February 2013
Driller J. Scribelito, Jr.
H&A Rep. D. Maeso
Elevation 285.0 (est.)
Datum NAVD 88
Location See Plan

Project P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client HDR, Inc.
Contractor Free State Drilling, Inc.

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions
GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
0				284.6 / 0.4		5" ASPHALT
				284.0 / 1.0		7" GRAVEL BASE
	10 7 8 8	S1 6	1.0 3.0		SM	Medium dense gray silty SAND with gravel (SM), mps 4 cm, no odor, dry -PROBABLE FILL-
	6 4 5 6	S2 6	3.0 5.0		SM	Similar to S1, except loose, red-brown
	8 8 9 11	S3 8	5.0 7.0	280.0 / 5.0	ML	Very stiff red-brown SILT with sand (ML), mps 2 mm, no odor, dry, weak low-angle foliation visible
	5 6 7 11	S4 18	7.0 9.0		ML	Stiff tan/yellow-brown SILT with sand (ML), mps 1 mm, distinct relict rock fabric visible, no odor, dry, weathered bedrock crumbles into silt with slight pressure
10	9 10 12 20	S5 24	9.0 11.0		ML	Similar to S4, except very stiff
15	4 5 9	S6 15	13.5 15.0		ML	Similar to S4
20	10 11 16	S7 15	18.5 20.0		ML	Similar to S4, except very stiff

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	15:00	2	--	20.5	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary

Overburden (ft)	28.8
Rock Cored (ft)	0.0
Samples	9S

Boring No. HA1

Field Tests:
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

TEST BORING REPORT — HA2

HALEY & ALDRICH

Boring No. HA2

File No. 39592-000
Sheet No. 1 of 2
Start 9 February 2013
Finish 9 February 2013
Driller J. Scribelito, Jr.
H&A Rep. D. Maeso
Elevation 287.5 (est.)
Datum NAVD 88
Location See Plan

Project P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client HDR, Inc.
Contractor Free State Drilling, Inc.

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions
GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
0				287.1 / 0.4		5" ASPHALT
				287.0 / 0.5		7" GRAVEL BASE
	10 10 5 8	S1 3	1.0 3.0		ML	Medium dense gray sandy SILT (ML), mps 32 mm, no odor, dry -PROBABLE FILL-
	3 2 1 7	S2 6	3.0 5.0		ML	Loose gray/red-brown sandy SILT (ML), mps 4 cm, no odor, dry
5	10 10 10 10	S3 24	5.0 7.0	282.5 / 5.0	ML	Very stiff red-brown SILT with sand (ML), mps 1 mm, no odor, dry, possible relict rock fabric visible
	6 6 7 7	S4 13	7.0 9.0		ML	Stiff tan/yellow-brown SILT with sand (ML), mps 1 mm, moderate relict rock fabric visible, no odor, dry, weathered rock crumbles to silt with slight pressure
10	7 7 5 11	S5 24	9.0 11.0		ML	Similar to S4, except very stiff
15	3 8 14	S6 18	13.5 15.0		ML	Similar to S4, except very stiff
20	10 10 27	S7 18	18.5 20.0		ML	Similar to S4, except hard

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	14:50	2	--	19.9	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary

Overburden (ft)	23.8
Rock Cored (ft)	0.0
Samples	8S

Boring No. HA2

Field Tests:
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

TEST BORING REPORT — HA3

HALEY & ALDRICH

Boring No. HA3

File No. 39592-000
Sheet No. 1 of 2
Start 9 February 2013
Finish 9 February 2013
Driller J. Scribelito, Jr.
H&A Rep. D. Maeso
Elevation 289.0 (est.)
Datum NAVD 88
Location See Plan

Project P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client HDR, Inc.
Contractor Free State Drilling, Inc.

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions
GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
0				288.6 / 0.4		5" ASPHALT
				288.0 / 1.0		7" GRAVEL BASE
	7 7 7 9	S1 20	1.0 3.0		ML	Stiff red-brown SILT with sand (ML), mps 1 cm, no odor, dry
	7 7 10 10	S2 18	3.0 5.0		ML	Very stiff tan/yellow-brown SILT with sand (ML), mps 1 mm, relict rock fabric visible, no odor, dry, weathered rock crumbles to SILT with slight pressure
5	8 13 15 22	S3 18	5.0 7.0		ML	Similar to S2
	13 18 27 27	S4 24	7.0 9.0		ML	Similar to S2, except hard
10	13 14 26 30	S5 18	9.0 11.0		ML	Similar to S2, except hard
15	15 18 25	S6 18	13.5 15.0		ML	Similar to S2, except hard
20	27 50/4"	S7 10	18.5 19.3		ML	Similar to S2, except hard

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	14:30	3	--	21.2	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary

Overburden (ft)	29.0
Rock Cored (ft)	0.0
Samples	9S

Boring No. HA3

Field Tests:
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

TEST BORING REPORT — HA1 (Page 2)

HALEY & ALDRICH

Boring No. HA1
File No. 39592-000
Sheet No. 2 of 2

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions
GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
20	24 50/6"	S8 6	23.5 24.5		ML	Similar to S4, except hard
25	50/3"	S9 3	28.5 28.8	256.2 28.8	ML	Similar to S4, except hard
						Bottom of Exploration at 28.8 ft
30						

NOTE: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. HA1

TEST BORING REPORT — HA2 (Page 2)

HALEY & ALDRICH

Boring No. HA2
File No. 39592-000
Sheet No. 2 of 2

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions
GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
20	50/4"	S8 4	23.5 23.8	263.7 23.8	ML	Similar to S4, except hard
25						Bottom of Exploration at 23.8 ft
30						

NOTE: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. HA2

TEST BORING REPORT — HA3 (Page 2)

HALEY & ALDRICH

Boring No. HA3
File No. 39592-000
Sheet No. 2 of 2

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions
GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
20	38 50/3"	S8 9	23.5 24.2		ML	Similar to S2, except hard
25	50/6"	S9 6	28.5 29.0	260.0 29.0	ML	Similar to S2, except hard
						Bottom of Exploration at 29.0 ft
30						

NOTE: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. HA3

GEOTECHNICAL NOTES:

1. BORING LOCATIONS PLAN AND LOGS PROVIDED TO HDR BY HALEY & ALDRICH.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	3/26/14
	100% FINAL DESIGN SUBMISSION	2/3/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND — MICHAEL W. PUGH — No. 42503 — PROFESSIONAL ENGINEER — 3/24/14

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	MMM	DRW	NI
CHK	MWP		

PMDM	CHEMENJU/HILL
BRANCH MANAGER	N/A
CHIEF ENG/ARCH	TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME
NSA/Bethesda

NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
NSA - BETHESDA, MD

BETHESDA, MD

P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GEOTECHNICAL - SOIL BORING LOG

SCALE:	NOT TO SCALE
EFROJECT NO.:	1151333
CONSTR. CONTR. NO.	N62470-09-D-9044
NAVFAC DRAWING NO.	13065735
SHEET	OF 0

B-601

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA4

Project: P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client: HDR, Inc.
Contractor: Free State Drilling, Inc.

File No. 39592-000
Sheet No. 1 of 1
Start: 9 February 2013
Finish: 9 February 2013
Driller: J. Scribelito, Jr.
H&A Rep.: D. Maeso
Elevation: 294.0 (est.)
Datum: NAVD 88
Location: See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
0				293.6 0.4		5" ASPHALT
				293.0 1.0		7" GRAVEL BASE
	3 4 5 5	S1 24	1.0 3.0		ML	Stiff red-brown SILT with sand (ML), mps 1 mm, weak relict rock fabric visible, no odor, moist
	4 4 5 6	S2 6	3.0 5.0		ML	Similar to S1, except dry
5	8 9 11 8	S3 20	5.0 7.0		ML	Very stiff tan/yellow-brown sandy SILT (ML), mps 1 mm, moderate relict rock fabric visible, no odor, dry, weathered rock crumbles into silt with slight pressure
	4 4 7 9	S4 18	7.0 9.0		ML	Similar to S3, except stiff
10	10 19 23 28	S5 15	9.0 11.0		ML	Similar to S3
15	10 22 27	S6 15	13.5 15.0		ML	Similar to S3, except hard
	31 50/5"	S7 11	18.5 19.4		ML	Similar to S3, except hard
20				274.6 19.4		Bottom of Exploration at 19.4 ft

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	16:40	--	--	19.0	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary
Overburden (ft) 19.4
Rock Cored (ft) 0.0
Samples 7S

Boring No. HA4

Field Tests: Dilatancy: R - Rapid S - Slow N - None; Toughness: L - Low M - Medium H - High; Plasticity: N - Nonplastic L - Low M - Medium H - High; Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA5

Project: P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client: HDR, Inc.
Contractor: Free State Drilling, Inc.

File No. 39592-000
Sheet No. 1 of 2
Start: 9 February 2013
Finish: 9 February 2013
Driller: J. Scribelito, Jr.
H&A Rep.: D. Maeso
Elevation: 293.5 (est.)
Datum: NAVD 88
Location: See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
0				293.1 0.4		5" ASPHALT
				292.5 1.0		7" GRAVEL BASE
	3 9 6 7	S1 15	1.0 3.0		ML	Stiff red-brown SILT with sand (ML), mps 1 mm, no odor, moist
	7 6 7 7	S2 18	3.0 5.0		ML	Similar to S1, except yellow-brown
5	7 5 7 6	S3 20	5.0 7.0	288.0 5.5	ML	Similar to S1, except weak relict rock fabric visible
					ML	Stiff tan/yellow-brown SILT (ML), mps 1 mm, moderate relict rock fabric visible, no odor, dry, weathered bedrock crumbles into silt with slight pressure
	3 4 8 7	S4 16	7.0 9.0		ML	Similar to S3, except medium stiff
10	10 13 11 12	S5 20	9.0 11.0		ML	Similar to S3, except very stiff
15	5 6 11	S6 18	13.5 15.0		ML	Similar to S3, except very stiff
	16 12 17	S7 19	18.5 20.0	275.0 18.5	SM	Medium dense tan/yellow-brown silty SAND (SM), mps 4 mm, moderate relict rock fabric visible, no odor, dry
20						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	14:00	5	--	23.5	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary
Overburden (ft) 38.6
Rock Cored (ft) 0.0
Samples 11S

Boring No. HA5

Field Tests: Dilatancy: R - Rapid S - Slow N - None; Toughness: L - Low M - Medium H - High; Plasticity: N - Nonplastic L - Low M - Medium H - High; Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA6

Project: P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client: HDR, Inc.
Contractor: Free State Drilling, Inc.

File No. 39592-000
Sheet No. 1 of 2
Start: 9 February 2013
Finish: 9 February 2013
Driller: J. Scribelito, Jr.
H&A Rep.: D. Maeso
Elevation: 292.5 (est.)
Datum: NAVD 88
Location: See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
0				292.1 0.4		5" ASPHALT
				291.5 1.0		7" GRAVEL BASE
	3 4 7 8	S1 24	1.0 3.0		ML	Stiff red-brown SILT with sand (ML), mps 2 mm, relict rock fabric visible, no odor, moist
	6 6 7 8	S2 20	3.0 5.0		ML	Similar to S1
5	5 7 9 9	S3 24	5.0 7.0	288.5 4.0	ML	Stiff tan/yellow-brown SILT with sand (ML), mps 1 mm, weak relict rock fabric visible, crumbles to silt with slight pressure
					ML	Similar to S2, except tan, very stiff
	4 7 9 11	S4 18	7.0 9.0		ML	Similar to S2, except very stiff
10	12 12 12 15	S5 24	9.0 11.0		ML	Similar to S2, except very stiff
15	10 22 33	S6 18	13.5 15.0		ML	Similar to S2, except hard
	31 50/4"	S7 10	18.5 19.4		ML	Similar to S2, except hard
20						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	15:20	2	--	19.11	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary
Overburden (ft) 28.5
Rock Cored (ft) 0.0
Samples 9S

Boring No. HA6

Field Tests: Dilatancy: R - Rapid S - Slow N - None; Toughness: L - Low M - Medium H - High; Plasticity: N - Nonplastic L - Low M - Medium H - High; Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA5
File No. 39592-000
Sheet No. 2 of 2

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
20	18 19 22	S8 14	23.5 25.0	270.0 23.5	ML	Hard tan/black/yellow-brown SILT with gravel (ML), mps 2 cm, relict rock fabric visible, no odor, dry, relict weathered bedrock crumbles to silt and gravel with slight pressure
25	14 28 50	S9 20	28.5 30.0		ML	Hard tan/yellow-brown SILT with sand (ML), mps 2 mm, no odor, dry
30	50/5"	S10 5	33.5 33.9		ML	Similar to S9
35	50/1"	S11 1	38.5 38.6	254.9 38.6	ML	Similar to S9
						Bottom of Exploration at 38.6 ft
40						

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. HA5

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA6
File No. 39592-000
Sheet No. 2 of 2

VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION
(Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	Description
20	35 43 35	S8 20	23.5 25.0		ML	Similar to S2, except hard, 3 in. thick quartz vein
25	50/1"	S9 0	28.5 28.6	263.9 28.6		No Recovery
						Bottom of Exploration at 28.6 ft
30						

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. HA6

GEOTECHNICAL NOTES:

1. BORING LOCATIONS PLAN AND LOGS PROVIDED TO HDR BY HALEY & ALDRICH.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	3/26/14
	100% FINAL DESIGN SUBMISSION	2/3/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND — MICHAEL W. PUGH — No. 42509 — PROFESSIONAL ENGINEER — 3/24/14

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES	MMM	DRW	NI	CHK	MWP

PMDM: CHEMENJU/HILL
BRANCH MANAGER: N/A
CHIEF ENG/ARCH: TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME: NSA/Bethesda

NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
NSA - BETHESDA, MD

BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GEOTECHNICAL - SOIL BORING LOG

SCALE: NOT TO SCALE
EPROJECT NO.: 1151333
CONSTR. CONTR. NO.: N62470-09-D-9044
NAVFAC DRAWING NO.: 13065736
SHEET B-602 OF 0

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA7

Project: P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client: HDR, Inc.
Contractor: Free State Drilling, Inc.

File No. 39592-000
Sheet No. 1 of 2
Start: 9 February 2013
Finish: 9 February 2013
Driller: J. Scribelito, Jr.
H&A Rep.: D. Maeso
Elevation: 296.5 (est.)
Datum: NAVD 88
Location: See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)
0				296.1 / 0.4		5" ASPHALT
				295.5		7" GRAVEL BASE
	6 5 7 10	S1 24	1.0 3.0	1.0	ML	Stiff red-brown SILT with sand (ML), mps 2 mm, no odor, moist, weak foliation visible
	9 5 9 11	S2 20	3.0 5.0	293.0 / 3.5	ML	Similar to S1
					ML	Stiff tan/yellow-brown SILT with sand (ML), mps 1 mm, moderate relict rock foliation visible, no odor, dry, weathered bedrock crumbles to silt with slight pressure
5	17 22 27 38	S3 20	5.0 7.0		ML	Similar to S2, except hard
	14 33 33 50	S4 18	7.0 9.0		ML	Similar to S2, except hard
	50/5"	S5 5	9.0 / 9.4		ML	Similar to S2, except hard
10						
15	36 50/5"	S6 10	13.5 14.4		ML	Similar to S2, except hard
20	100/2"	S7 2	18.5 / 18.7		ML	Similar to S2, except hard

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	15:50	2	--	18.0	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe; Screen; Filter Sand; Cuttings; Grout; Concrete; Bentonite Seal

Summary: Overburden (ft) 28.5; Rock Cored (ft) 0.0; Samples 9S

Boring No. HA7

Field Tests: Dilatancy: R - Rapid S - Slow N - None; Plasticity: N - Nonplastic L - Low M - Medium H - High; Toughness: L - Low M - Medium H - High; Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA7
File No. 39592-000
Sheet No. 2 of 2

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)
20						
	50/3"	S8 3	23.5 / 23.8		ML	Similar to S2, except hard
25						
	50/1"	S9 0	28.5 / 28.6	267.9 / 28.6		No Recovery
30						Bottom of Exploration at 28.6 ft

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. HA7

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA8

Project: P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client: HDR, Inc.
Contractor: Free State Drilling, Inc.

File No. 39592-000
Sheet No. 1 of 1
Start: 9 February 2013
Finish: 9 February 2013
Driller: J. Scribelito, Jr.
H&A Rep.: D. Maeso
Elevation: 294.0 (est.)
Datum: NAVD 88
Location: See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)
0				293.6 / 0.4		5" ASPHALT
				293.0		7" GRAVEL BASE
	6 8 8 6	S1 20	1.0 3.0	1.0	ML	Stiff red-brown SILT with sand (ML), mps 1 mm, no odor, moist
	4 3 5 8	S2 24	3.0 5.0		ML	Similar to S1, except medium stiff, weak relict rock fabric visible
				290.0 / 4.0	ML	Stiff tan/yellow-brown SILT with sand (ML), mps 1 mm, no odor, dry, relict rock structure visible
5	5 7 7 8	S3 24	5.0 7.0		ML	Similar to S2
	7 9 13 16	S4 24	7.0 9.0		ML	Similar to S2, except very stiff
	17 25 34 31	S5 24	9.0 11.0		ML	Similar to S2, except hard
10						
15	25 26 35	S6 22	13.5 15.0		ML	Similar to S2, except hard
20	50/5"	S7 5	18.5 / 19.0	275.0 / 19.0	ML	Similar to S2, except hard
						Bottom of Exploration at 19.0 ft

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	16:00	2	--	11.5	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe; Screen; Filter Sand; Cuttings; Grout; Concrete; Bentonite Seal

Summary: Overburden (ft) 19.0; Rock Cored (ft) 0.0; Samples 7S

Boring No. HA8

Field Tests: Dilatancy: R - Rapid S - Slow N - None; Plasticity: N - Nonplastic L - Low M - Medium H - High; Toughness: L - Low M - Medium H - High; Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA9

Project: P125 Temporary Medical Facilities, WRNMMC; Bethesda, Maryland
Client: HDR, Inc.
Contractor: Free State Drilling, Inc.

File No. 39592-000
Sheet No. 1 of 2
Start: 9 February 2013
Finish: 9 February 2013
Driller: J. Scribelito, Jr.
H&A Rep.: D. Maeso
Elevation: 296.0 (est.)
Datum: NAVD 88
Location: See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME 55
Inside Diameter (in.)	3.75	2.25	--	Bit Type:
Hammer Weight (lb)	140	--	-	Drill Mud: None
Hammer Fall (in.)	30	--	-	Casing:
				Hoist/Hammer: Winch / Automatic Hammer
				PID Make & Model: N/A

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)
0				295.5 / 0.5		5" ASPHALT
				295.0		7" GRAVEL BASE
	13 11 7 6	S1 24	1.0 3.0	1.0	ML	Very stiff gray-brown sandy SILT (ML), mps 2 mm, no odor, moist
	3 4 6 12	S2 24	3.0 5.0		ML	Similar to S1, except stiff, weak relict rock fabric visible
				292.0 / 4.0	ML	Stiff tan/yellow-brown sandy SILT (ML), moderate relict rock fabric visible, no odor, dry, weathered bedrock crumbles to silt with slight pressure
5	4 14 14 14	S3 18	5.0 7.0		ML	Similar to S2, except very stiff
	7 12 18 19	S4 24	7.0 9.0		ML	Similar to S2, except very stiff
	50/6"	S5 12	9.0 / 9.5		ML	Hard tan/yellow-brown SILT with sand (ML), mps 1 mm, relict rock fabric visible, no odor, dry
10						
15	28 48 44	S6 14	13.5 15.0		ML	Similar to S5
20	50/4"	S7 4	18.5 / 18.9		ML	Hard tan/yellow-brown sandy SILT with gravel (ML), mps 3 cm, no odor, dry, rock fragments, bedrock crumbles to silt with slight pressure

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
2/9/13	14:00	7	--	18.6	DRY

Sample ID: O - Open End Rod; T - Thin Wall Tube; U - Undisturbed Sample; S - Split Spoon Sample

Well Diagram: Riser Pipe; Screen; Filter Sand; Cuttings; Grout; Concrete; Bentonite Seal

Summary: Overburden (ft) 30.0; Rock Cored (ft) 0.0; Samples 9S

Boring No. HA9

Field Tests: Dilatancy: R - Rapid S - Slow N - None; Plasticity: N - Nonplastic L - Low M - Medium H - High; Toughness: L - Low M - Medium H - High; Dry Strength: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

HALEY & ALDRICH — TEST BORING REPORT

Boring No. HA9
File No. 39592-000
Sheet No. 2 of 2

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions; GEOLOGIC INTERPRETATION)
20						
	50/2"	S8 2	23.5 / 23.7		ML	Similar to S7
25						
	50/3"	S9 3	28.5 / 28.8		ML	Similar to S7
30				266.0 / 30.0		Bottom of Exploration at 30.0 ft
35						

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. HA9

GEOTECHNICAL NOTES:

1. BORING LOCATIONS PLAN AND LOGS PROVIDED TO HDR BY HALEY & ALDRICH.

SYM	DESCRIPTION	DATE
	FINAL CORRECTED SET	3/26/14
	100% FINAL DESIGN SUBMISSION	2/3/14
	65% VE SUBMISSION	11/25/13

NAVFAC

STATE OF MARYLAND — MICHAEL W. PUGH — No. 42509 — PROFESSIONAL ENGINEER — 3/24/14

HDR
ARCHITECTURE | ENGINEERING & CONSULTING
1101 KING STREET
SUITE 400
ALEXANDRIA, VIRGINIA 22314
703-518-8500

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES MMM | DRW NI | CHK MWP
PMDM CHEMENJU/HILL
BRANCH MANAGER N/A
CHIEF ENG/ARCH TOM COX

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
COMPONENT NAME NSA/Bethesda

NAVAL FACILITIES ENGINEERING COMMAND ~ NAVFAC WASHINGTON
NSA - BETHESDA, MD

BETHESDA, MD
P125 - TEMPORARY MEDICAL FACILITIES
PACKAGE 2 - CLINIC BUILDING

GEOTECHNICAL - SOIL BORING LOG

SCALE: NOT TO SCALE
EPROJECT NO.: 1151333
CONSTR. CONTR. NO. N62470-09-D-9044
NAVFAC DRAWING NO. 13065737
SHEET OF 0

B-603