

2 SECTION
1/8" = 1'-0"

3 SECTION
1/8" = 1'-0"

REFER TO DRAWING MH 105A FOR CONTINUATION.

REFER TO DRAWING MH 105A FOR CONTINUATION.

GENERAL NOTES:

- EXISTING CONDITIONS BASED ON SHS DRAWINGS DATED 07/02/79.
- THE AREA UNDER CONSTRUCTION SHALL BE MAINTAINED UNDER NEGATIVE PRESSURE IN RELATION TO THE ADJACENT PATIENT AND OFFICE AREAS. THIS CONTRACTOR SHALL COORDINATE WITH THE CHIEF MECHANICAL ENGINEER FOR RE-BALANCING THE OUTSIDE AIR SUPPLY AND RETURN AIRFLOW ON THE EXISTING AIR HANDLER TO ACHIEVE NEGATIVE PRESSURE TO ADJACENT OCCUPIED AREAS. THIS CONTRACTOR SHALL PROVIDE MERV 8 FILTERS ON ALL EXISTING RETURN GRILLES AND SHALL REPLACE THEM ON A WEEKLY BASIS (OR MORE FREQUENTLY IF DIRECTED BY THE CHIEF MECHANICAL ENGINEER OR RESIDENT ENGINEER). NEGATIVE AIR MACHINES SHALL BE PROVIDED BY THIS CONTRACTOR IF NECESSARY. ONCE A PLAN IS ESTABLISHED WITH THE LOCAL ENGINEERING PERSONNEL, SUBMIT FOR THE RESIDENT ENGINEER AND ENGINEER OF RECORD REVIEW AND APPROVAL.
- ALL NEW AND EXISTING DUCTWORK SHOWN ON THIS DRAWING IS LOCATED IN THE INTERSTITIAL SPACE ABOVE.
- THE DESIGN INTENT IS TO REUSE AS MANY INTERSTITIAL FLOOR PENETRATIONS AS POSSIBLE. PRIOR TO ANY MECHANICAL CONSTRUCTION, BUT AFTER THE EXISTING CEILING ARE REMOVED, THIS CONTRACTOR SHALL PROVIDE AN ACCURATE PLAN SHOWING EXISTING FLOOR PENETRATIONS AND THE PROPOSED NEW DUCT LAYOUT. THE ENGINEER WILL REVIEW AND ISSUE AN ADDENDUM CLARIFYING WHICH OPENINGS MAY BE REUSED AND ANY NECESSARY REVISIONS TO THE NEW DUCT LAYOUT. FOR BIDDING PURPOSES, THIS CONTRACTOR SHALL ASSUME ALL NEW PENETRATIONS AND SHALL INCLUDE THE COST SAVINGS FOR REUSING EXISTING OPENINGS, PER PENETRATION.
- PROVIDE MINIMUM 3" CLEARANCE TO VAV BOXES FOR ACCESS, CLEANING, ETC.

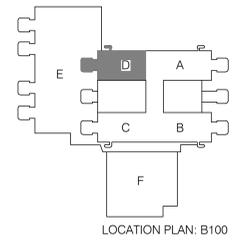
ROOM SCHEDULE

SS-1	STAIR	5D-103A	PATIENT BATH	5D-118A	DECENTRALIZED NURSE STAT.	5D-128B	ANTE ISOLATION ROOM
SS-2	STAIR	5D-104	SINGLE PATIENT ROOM	5D-118B	ALCOVE PYXIS UNIT	5D-129A	DECENTRALIZED NURSE STAT.
SB5-6	SERVICE BAY #6	5D-104A	PATIENT BATH	5D-118C	ALCOVE C.O.W.	5D-129B	ALCOVE PYXIS UNIT
SB5-6A	ELECTRICAL POWER	5D-105A	DECENTRALIZED NURSE STAT.	5D-119	RECYCLING	5D-129C	ALCOVE C.O.W.
SB5-6B	TELEPHONE	5D-105B	ALCOVE PYXIS UNIT	5D-120	PATIENT ISOLATION ROOM	5D-130	SINGLE PATIENT ROOM
SB5-6C	FIRE ALARM	5D-105C	ALCOVE C.O.W.	5D-120A	PATIENT BATH	5D-130A	PATIENT BATH
CS-1	CORRIDOR	5D-105D	ALCOVE CRASH CART	5D-120B	ANTE ISOLATION ROOM	5D-131	OFFICE WORKROOM
CS-4	CORRIDOR	5D-106	EQUIPMENT STORAGE	5D-121	PATIENT ISOLATION ROOM	5D-132	SINGLE PATIENT ROOM
CS-32	CORRIDOR	5D-107	CLEAN SUPPLY ROOM	5D-121A	PATIENT BATH	5D-132A	PATIENT BATH
CS-33	CORRIDOR	5D-108	DOUBLE PATIENT ROOM	5D-121B	ANTE ISOLATION ROOM	5D-133	SINGLE PATIENT ROOM
CS-35	CORRIDOR	5D-108A	PATIENT BATH	5D-122	PATIENT ISOLATION ROOM	5D-133A	PATIENT BATH
CS-34	BALCONY	5D-109	DOUBLE PATIENT ROOM	5D-122A	PATIENT BATH	5D-134	CLEAN LINEN ROOM
CS-36	CORRIDOR	5D-109A	PATIENT BATH	5D-122B	ANTE ISOLATION ROOM	5D-135	NOURISHMENT
CS-37	CORRIDOR	5D-110	MED-GAS STORAGE	5D-123	SOILED UTILITY ROOM	5D-136	COMMUNICATION CENTER
5A-103A	EMS EQUIPMENT	5D-111	SINGLE PATIENT ROOM	5D-124	HAC	5D-136A	P-TUBE STATION
5A-103B	PUBLIC TOILET UNISEX	5D-111A	PATIENT BATH	5D-125	SOILED LINEN	5D-136B	CHARTING
5A-105A	OFFICE SOCIAL WORKER	5D-112	MEDICATION ROOM	5D-126	PATIENT ISOLATION ROOM	5D-137	HEAD NURSE OFFICE
5A-105B	FAMILY CONFERENCE ROOM	5D-113	SINGLE PATIENT ROOM	5D-126A	PATIENT BATH	5D-138	DOUBLE PATIENT ROOM
5A-105C	OFFICE DIET PHARMACIST OFFICE	5D-113A	PATIENT BATH	5D-126B	ANTE ISOLATION ROOM	5D-138A	PATIENT BATH
5D-100	FEMALE LOCKER ROOM	5D-114	CLEAN LINEN ROOM	5D-127	PATIENT ISOLATION ROOM	5D-139	DOUBLE PATIENT ROOM
5D-100A	FEMALE TOILET ROOM	5D-115	PHYSICIAN OFFICE	5D-127A	PATIENT BATH	5D-139A	PATIENT BATH
5D-101	MALE LOCKER ROOM	5D-116	SINGLE PATIENT ROOM	5D-127B	ANTE ISOLATION ROOM	5D-140A	DECENTRALIZED NURSE STAT.
5D-101A	MALE TOILET ROOM	5D-116A	PATIENT BATH	5D-128	PATIENT ISOLATION ROOM	5D-140B	ALCOVE PYXIS UNIT
5D-103	SINGLE PATIENT ROOM	5D-117	PHYSICIAN OFFICE	5D-128A	PATIENT BATH	5D-140C	ALCOVE C.O.W.
						5D-140D	ALCOVE CRASH CART
						5D-141	SINGLE PATIENT ROOM
						5D-141A	PATIENT BATH
						5D-142	SINGLE PATIENT ROOM
						5D-142A	PATIENT BATH
						5D-143	STAFF LOUNGE

DRAWING NOTES:

- NEW INLINE EXHAUST FAN SUSPENDED FROM STRUCTURE ABOVE.
- SD-02, 8" Ø NK, 125 CFM.
- SD-02, 8" Ø NK, 155 CFM.
- EXISTING EXHAUST FAN.
- RG-01, 22x22 NK, 150 CFM.
- RG-02, 22x22 NK, 210 CFM.
- RG-02, 22x22 NK, 240 CFM.
- EG-11, 10x10 NK, 100 CFM.
- EG-01, 22x22 NK, 120 CFM.
- EXISTING EXHAUST DUCT UP FROM 4TH FLOOR.
- EG-01, 22x22 NK, 110 CFM.
- SD-03, 10" Ø NK, 220 CFM.
- SD-03, 10" Ø NK, 230 CFM.
- RG-05, 22x22 NK, 690 CFM.
- SD-01, 6" Ø NK, 100 CFM.
- RG-01, 22x22 NK, 100 CFM.
- EG-01, 22x22 NK, 170 CFM.
- RG-03, 22x22 NK, 315 CFM.
- RG-02, 22x22 NK, 200 CFM.
- SD-02, 8" Ø NK, 150 CFM.
- SD-01, 6" Ø NK, 45 CFM.
- SD-03, 10" Ø NK, 200 CFM.
- SD-02, 8" Ø NK, 190 CFM.
- SD-04, 12" Ø NK, 335 CFM.
- TG-01, 22x22 NK.
- EG-01, 22x22 NK, 50 CFM.
- RG-02, 22x22 NK, 230 CFM.
- RG-02, 22x22 NK, 280 CFM.
- RG-01, 22x22 NK, 195 CFM.
- TG-21, 10x10 NK.
- SD-01, 6" Ø NK, 65 CFM.
- EG-01, 22x22 NK, 150 CFM.
- NEW RETURN DUCT MOUNTED GRILLE EQUAL TO PRICE 630DAL TO BE SIZED AND BALANCED AFTER THE ENGINEER'S REVIEW OF PRE-CONSTRUCTION FLOW TEST.
- LOCATE THERMOSTAT FOR THIS BOX IN INTERSTITIAL SPACE.
- REFER TO DRAWING MH 105A FOR AIR DEVICE INFORMATION.
- EXISTING SMOKE DETECTOR.
- EXISTING SOUND ATTENUATOR.
- NEW SMOKE DETECTOR TO BE MONITORED VIA BUILDING AUTOMATION SYSTEM.
- EG-01, 22x22 NK, 150 CFM.
- NEW AIR MONITOR. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
- MOUNT NEW COOLING AND HEATING COILS IN EXISTING OUTSIDE AIR DUCTWORK AS SHOWN. ROUTE CONDENSATE FROM COOLING COIL TO NEAREST FLOOR DRAIN. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
- NEW FIRE/SMOKE DAMPER (TYP.).
- NEW 24" Ø EXHAUST DUCTWORK UP TO 100-EF 5D2.
- NEW DUCT TEMPERATURE SENSOR. REFER TO CONTROLS DRAWINGS FOR ADDITIONAL INFORMATION.
- PROPOSED NAE LOCATION. COORDINATE FINAL LOCATION WITH CONTROLS CONTRACTOR.
- EG-11, 10x10 NK, 80 CFM.

1 5TH FLOOR DUCTWORK PLAN - AREA D
1/8" = 1'-0"



FINAL CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

CONSULTANTS:
CARASTRO & ASSOCIATES, INC.
CONSULTING ENGINEERS EB-0001160
2609 W. DE LEON STREET TAMPA, FLORIDA 33609
TELEPHONE: (813) 874-9494 FAX: (813) 874-9794
MECHANICAL ENGINEER: GEORGE F. STEFANOVICI PE#56748



ARCHITECT/ENGINEERS:
ELLERBE BECKET
VOA/ELLERBE BECKET, LLC
4798 NEW BROAD ST.
SUITE 100
ORLANDO, FL 32814



Drawing Title
5TH FLOOR DUCTWORK PLAN
WARD 5D
Approved: Project Director

Project Title
BAY PINES VAMC: INPATIENT & OUTPATIENT IMPROVEMENTS - B100 WARD 3D+5D RENOVATIONS
Location
BAY PINES, FL
Date: 01/31/2014
Checked: GS
Drawn: TD

Project Number
516CA2005D
Building Number
100
Drawing Number
100D-MH 105
MH 105

Office of
Construction
and Facilities
Management
Department of
Veterans Affairs