



DEPARTMENT OF VETERANS AFFAIRS

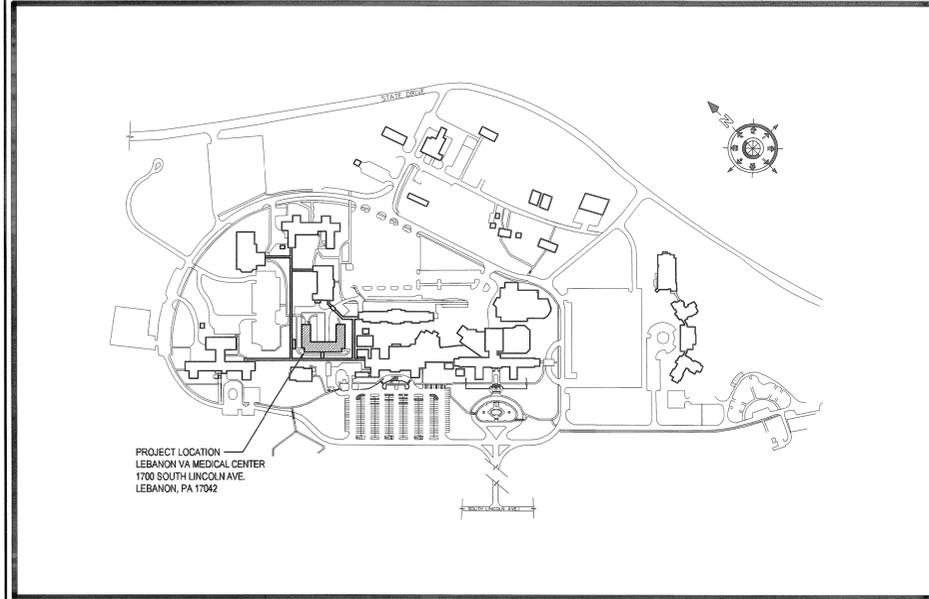
LEBANON VA MEDICAL CENTER

1700 SOUTH LINCOLN AVENUE

LEBANON, PENNSYLVANIA 17042



KEY SITE PLAN



V.A. SEAL AND SIGNATURES

MEDICAL CENTER DIRECTOR
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

ASSOCIATE MEDICAL CENTER DIRECTOR
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

ASSISTANT MEDICAL CENTER DIRECTOR
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

VISH CAM
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

ASSISTANT CHIEF, ENGINEERING SERVICE
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

MAINTENANCE CONTROL MANAGER
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

PROJECT CONTRACTING OFFICER'S REPRESENTATIVE
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

CHIEF
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

ACTING CHIEF OF STAFF
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

ASSOCIATE DIRECTOR PATIENT CARE / NURSING SERVICES
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

PATIENT SAFETY MANAGER
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
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INFECTION CONTROL MANAGER
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

DIRECTOR OF SAFETY
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

SECURITY MANAGER
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA

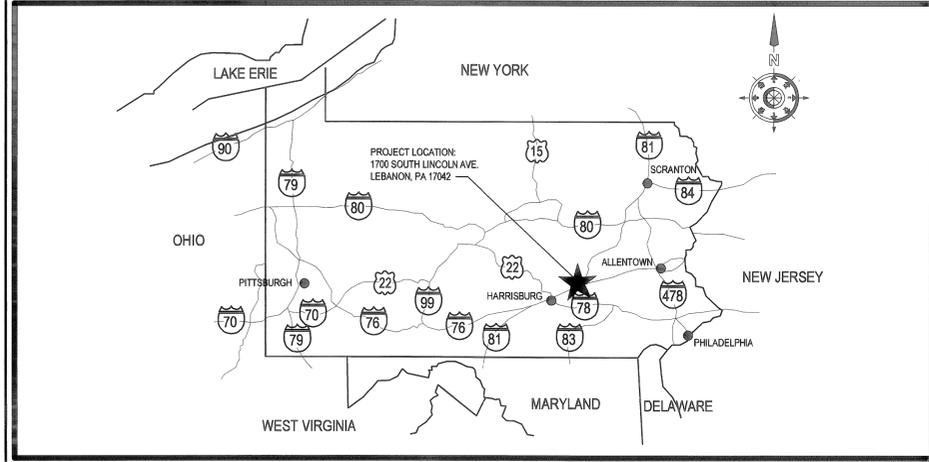
ENERGY ENGINEER
DEPARTMENT OF VETERANS AFFAIRS - LEBANON VAMC
LEBANON, PENNSYLVANIA



LIST OF DRAWINGS

GENERAL		FIRE PROTECTION	
GI001	COVER SHEET	FX001	FIRE PROTECTION LEGEND, NOTES AND DETAILS
GI002	LIFE SAFETY PLANS	FX101	FIRE PROTECTION BASEMENT FLOOR PLAN
GI003	BUILDING INFORMATION	FX102	FIRE PROTECTION FIRST FLOOR PLAN - NORTH
GI004	TYPICAL ACCESSIBILITY DETAILS	FX103	FIRE PROTECTION FIRST FLOOR PLAN - SOUTH
GI005	PHASING PLANS	FX104	FIRE PROTECTION MEZZANINE FLOOR PLAN
CIVIL		PLUMBING	
GS001	EXISTING CONDITIONS SITE PLAN	P001	PLUMBING LEGEND, NOTES AND SCHEDULES
GS002	UTILITY AND SITE DEMOLITION PLAN	PD101	BLDG 23 CRAWLSPACE/1ST FLOOR PLAN - WASTE - DEMOLITION
GS003	PROPOSED SITE PLAN	PD102	BLDG 23 CRAWLSPACE/1ST FLOOR PLAN - WATER - DEMOLITION
GS004	PROPOSED GRADING PLAN	PS101	PLUMBING SITE PLAN - NEW WORK
GS005	PROPOSED UTILITY PLAN	PL101	PLUMBING BLDG 23 CRAWLSPACE FLOOR PLAN - WATER
GS005.1	PROPOSED UTILITY PLAN ENLARGEMENT	PL102	PLUMBING BASEMENT FLOOR PLAN
GS006	PROPOSED UTILITY PROFILES	PL103	PLUMBING FIRST FLOOR PLAN - NORTH - WASTE
GS007	PROPOSED TRAFFIC FLOW	PL104	PLUMBING FIRST FLOOR PLAN - SOUTH - WASTE
GS008	DETAILS SHEET 1	PL105	PLUMBING FIRST FLOOR PLAN - NORTH - PRESSURE
GS009	DETAILS SHEET 2	PL106	PLUMBING FIRST FLOOR PLAN - SOUTH - PRESSURE
GS010	PROPOSED ROADWAY PLAN AND PROFILE	PL107	PLUMBING MEZZANINE FLOOR PLAN
STRUCTURAL		PL108	PLUMBING ROOF PLAN - NORTH
SS001	STRUCTURAL GENERAL NOTES	PL109	PLUMBING ROOF PLAN - SOUTH
SS002	STRUCTURAL GENERAL NOTES	PL301	PLUMBING BASEMENT WASTE RISER DIAGRAM
SS003	STRUCTURAL GENERAL NOTES	PL302	PLUMBING FIRST FLOOR WASTE RISER DIAGRAM
SS004	STRUCTURAL GENERAL NOTES	PL303	PLUMBING MEZZANINE WASTE RISER DIAGRAM
SS005	TYPICAL DETAILS	PS01	PLUMBING DETAILS
SS006	TYPICAL DETAILS	PS02	PLUMBING DETAILS
SS007	TYPICAL MASONRY DETAILS	MECHANICAL	
SS101	BASEMENT PLAN	M001	MECHANICAL LEGEND AND GENERAL NOTES
SS102	FOUNDATION FRAMING PLAN NORTH	MD101	MECHANICAL FIRST FLOOR DEMOLITION PLAN
SS103	FOUNDATION FRAMING PLAN SOUTH	MS101	MECHANICAL SITE PLAN - STEAM AND CONDENSATE RETURN
SS104	MEZZANINE FRAMING PLAN	MS102	MECHANICAL SITE PLAN - CHILLED WATER
SS105	ROOF FRAMING PLAN NORTH	MS103	MECHANICAL ENLARGED SITE PLAN
SS106	ROOF FRAMING PLAN SOUTH	MS104	MECHANICAL ENLARGED SITE PLANS
SS200	FOUNDATION DETAILS & SECTIONS	MS105	MECHANICAL ENLARGED SITE PLAN
SS201	FOUNDATION DETAILS & SECTIONS	MP101	MECHANICAL CRAWLSPACE PLAN
SS300	FRAMING SECTIONS & DETAILS	MP102	MECHANICAL BASEMENT FLOOR PLAN
SS301	FRAMING SECTIONS & DETAILS	MP103	MECHANICAL FIRST FLOOR PLAN - NORTH
SS302	FRAMING SECTIONS & DETAILS	MP104	MECHANICAL FIRST FLOOR PLAN - SOUTH
SS303	FRAMING SECTIONS & DETAILS	MP105	MECHANICAL MEZZANINE FLOOR PLAN
ARCHITECTURE		MP106	MECHANICAL TWO STORY OPEN AREA FLOOR PLAN
AE001	ARCHITECTURAL SYMBOLS, PATTERNS AND ABBREVIATIONS	MP107	MECHANICAL OVERALL ROOF PLAN
AE002	WALL TYPES	MP301	MECHANICAL SECTIONS - BOILER ROOM
AE003	ROOM SPACE SCHEDULE & MOUNTING HEIGHTS	MP302	MECHANICAL SECTIONS - CHILLER ROOM
AD101	EXISTING FIRST FLOOR DEMOLITION PLAN	MP501	MECHANICAL DETAILS
AS101	ARCHITECTURAL SITE PLAN	MP502	MECHANICAL DETAILS
AE100	OVERALL FIRST FLOOR PLAN	MP503	MECHANICAL DETAILS
AE101	BASEMENT FLOOR PLAN	MP504	MECHANICAL DETAILS
AE102	FIRST FLOOR PLAN - NORTH	MP505	MECHANICAL DETAILS
AE103	FIRST FLOOR PLAN - SOUTH	MP506	MECHANICAL DETAILS
AE104	MEZZANINE FLOOR PLAN	MP507	MECHANICAL DETAILS
AE105	TWO STORY OPEN AREA FLOOR PLAN	MP601	MECHANICAL SCHEDULES
AE106	BASEMENT REFLECTED CEILING PLAN	MP602	MECHANICAL SCHEDULES
AE107	FIRST FLOOR REFLECTED CEILING PLAN - NORTH	MP603	MECHANICAL SCHEDULES
AE108	FIRST FLOOR REFLECTED CEILING PLAN - SOUTH	MP604	MECHANICAL SCHEDULES
AE109	MEZZANINE REFLECTED CEILING PLAN	MP701	MECHANICAL STEAM FLOW DIAGRAMS
AE110	ROOF PLAN - NORTH	MP702	MECHANICAL BOILER FEED DIAGRAMS
AE111	ROOF PLAN - SOUTH	MP703	MECHANICAL CHILLED WATER FLOW DIAGRAMS
AE201	EXTERIOR ELEVATIONS	MP704	BOILER CONTROL DIAGRAMS
AE202	EXTERIOR ELEVATIONS	MP705	CHILLED WATER CONTROL DIAGRAMS
AE203	EXTERIOR CORRIDOR DEMOLITION AND NEW WORK PLANS	MP706	SCADA SYSTEM POINTS - BOILER PLANT
AE204	DRIVE-THRU DEMOLITION AND NEW WORK PLANS AND ELEVATIONS	MP707	SCADA SYSTEM POINTS - CHILLER PLANT
AE205	NEW ENTRY PLANS, SECTIONS AND ELEVATIONS	MP708	MECHANICAL CONTROL DIAGRAMS
AE206	NEW TOWER WALL SECTIONS	MP709	MECHANICAL FUEL OIL DIAGRAMS
AE301	BUILDING SECTION	MP710	MECHANICAL NATURAL GAS DIAGRAM
AE302	BUILDING SECTION	ELECTRICAL	
AE303	BUILDING SECTION	E001	ELECTRICAL NOTES, SYMBOLS, AND ABBREVIATIONS
AE304	BUILDING SECTION	E002	FIXTURE SCHEDULE AND NOTES
AE305	WALL SECTIONS	ED101	ELECTRICAL - BUILDING 23 DEMOLITION
AE306	WALL SECTIONS	ED102	ELECTRICAL SITE PLAN DEMOLITION
AE401	ENLARGED STAIR PLANS	ES101	ELECTRICAL SITE PLAN NEW WORK
AE402	STAIR DETAILS	EL101	ELECTRICAL BASEMENT FLOOR PLAN - LIGHTING
AE403	STAIR & RAMP DETAILS	EL102	ELECTRICAL FIRST FLOOR PLAN - NORTH LIGHTING
AE501	PLAN DETAILS	EL103	ELECTRICAL FIRST FLOOR PLAN - SOUTH LIGHTING
AE601	DOOR AND WINDOW SCHEDULES, DETAILS, AND ELEVATIONS	EL104	MEZZANINE FLOOR PLAN - LIGHTING
AE602	SIGNAGE TYPES	EP100	ELECTRICAL BLDG 23 CRAWL SPACE FLOOR PLAN - POWER
AE603	HEAD, JAMB, SILL AND THRESHOLD DETAILS	EP101	ELECTRICAL BASEMENT FLOOR PLAN - POWER AND SYSTEMS
AE701	MISCELLANEOUS DETAILS	EP102	ELECTRICAL FIRST FLOOR PLAN - NORTH POWER AND SYSTEMS
AE702	ROOFING DETAILS	EP103	ELECTRICAL FIRST FLOOR PLAN - SOUTH POWER AND SYSTEMS
AF101	FIRST FLOOR FINISH PLAN - NORTH	EP104	MEZZANINE FLOOR PLAN - POWER AND SYSTEMS
AF102	FIRST FLOOR FINISH PLAN - SOUTH	EP105	ELECTRICAL ROOF PLAN - POWER AND LIGHTNING PROTECTION
AF501	FINISH SCHEDULE - LEGEND, AND CASEWORK DETAILS	EP201	EXTERIOR DRIVE-THRU AND TOWER FLOOR PLANS
AI101	INTERIOR ELEVATIONS	E501	ELECTRICAL DETAILS
AI102	INTERIOR ELEVATIONS	E502	ELECTRICAL DETAILS
AI103	ENLARGED FLOOR PLAN AND INTERIOR ELEVATIONS	E503	ELECTRICAL DETAILS
FIRE ALARM		E601	ELECTRICAL SINGLE-LINE DIAGRAM
FA001	FIRE ALARM LEGEND, NOTES AND DETAILS	E701	ELECTRICAL PANEL SCHEDULES
FA101	FIRE ALARM BASEMENT FLOOR PLAN	E702	ELECTRICAL PANEL SCHEDULES
FA102	FIRE ALARM FIRST FLOOR PLAN - NORTH	E703	ELECTRICAL PANEL SCHEDULES
FA103	FIRE ALARM FIRST FLOOR PLAN - SOUTH	E704	ELECTRICAL EQUIPMENT SCHEDULES
FA104	FIRE ALARM MEZZANINE FLOOR PLAN	E705	ELECTRICAL EQUIPMENT SCHEDULES

LOCATION MAP



GENERAL SHEET NOTES:

1. PROVIDE A NEW CENTRAL UTILITY BUILDING TO HOUSE TWO NEW 400 BHP AND ONE NEW 300 BHP FIRE-TUBE BOILERS, RELATED EQUIPMENT, AND SUPPORT SPACES IN ORDER TO IMPROVE THE EFFICIENCY OF THE MEDICAL CENTER'S BOILER PLANT.

2. THIS FACILITY WILL ALSO HOUSE AND SUPPORT TWO RELOCATED CHILLERS, RELOCATED COOLING TOWERS, NEW CHILLED WATER AND CONDENSER WATER PUMPS, AND RELATED EQUIPMENT AND SUPPORT SPACES FOR NEW CENTRAL CHILLED WATER PLANT.

3. THE EMERGENCY POWER SYSTEM WILL SERVE THE STEAM PLANT, BUT IS DESIGNED FOR FUTURE EXPANSION TO PROVIDE EMERGENCY POWER FOR THE CHILLED WATER PLANT.

4. THE PROGRAM FOR THE NEW UTILITY CENTER INCLUDES A BOILER ROOM WITH ACCESS TO AN EQUIPMENT MEZZANINE, CHEMICAL FEED ROOM WITH WATER TESTING AREA, CONTROL ROOM, BULK STORAGE ROOM, AND BASEMENT EQUIPMENT AREA. THE ENGINEERING CONTROL ROOM IS SIZED TO ACCOMMODATE THE BOILER CONTROL FUNCTIONS. SUPPORT AREAS INCLUDE A BREAK ROOM, SUPERVISOR'S OFFICE, GENERATOR ROOM, ELECTRICAL ROOM, I.T. ROOM, LOCKER ROOMS AND A CUSTODIAL CLOSET. A PORTION OF EXISTING BUILDING 23 WILL BE RENOVATED TO CONTAIN SOME OF THESE FUNCTIONS.

PROJECT DESCRIPTION

SCOPE OF WORK

1. PROVIDE A NEW CENTRAL UTILITY BUILDING TO HOUSE TWO NEW 400 BHP AND ONE NEW 300 BHP FIRE-TUBE BOILERS, RELATED EQUIPMENT, AND SUPPORT SPACES IN ORDER TO IMPROVE THE EFFICIENCY OF THE MEDICAL CENTER'S BOILER PLANT.

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REVISION NO.	REVISION DESCRIPTION	DATE
1	DELETED BID ALTERNATES	1/28/2016



Department of Veterans Affairs
Lebanon
VA Medical Center
1700 South Lincoln Avenue
Lebanon, PA 17042



Architect/Engineer Address
HARRELL
DESIGN GROUP, P.C.
8016 TOWER POINT DRIVE
CHARLOTTE, NC 28227
P: 704.814.1328
F: 704.321.0833
WWW.HARRELLDG.COM
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100% PROJECT # 13006

Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COR

Drawing Title COVER SHEET
100% CONSTRUCTION DOCUMENTS

Project Title NEW CENTRAL UTILITY PLANT	Date 09/11/2015
Drawn mw	Project Number 595-13-101
Checked	Building Number
Reviewed	AutoCAD File Name
Const. Contract No.	DRAWING No. GI001
	DWG OF

