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# SLVHCS

## REPLACEMENT MEDICAL CENTER PROJECT PROJECT LEGACY

### PROJECT MANUAL

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**WP\_09B**

CONSTRUCTION DOCUMENTS 1

APPROVED: PROJECT DIRECTOR



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DOCUMENT 00 01 02  
CREDITSOwner

Department of Veterans Affairs  
Office of Construction & Facilities Management  
(OOCFM)  
810 Vermont Avenue NW  
LAF Suite 471  
Washington, DC 20420

Consultants to Owner

## Architect:

Studio NOVA LP  
1555 Lake Shore Drive  
Columbus, OH 43204  
☎ 614-224-7145    📠 614-224-2771

## Construction Manager:

Clark/McCarthy Healthcare Partners (CMHP)  
2626 Canal Street, Suite 203  
New Orleans, LA 70119  
☎ 504-335-2400    📠 504-335-2401

## Commissioning:

Jacobs GBNA Consulting  
110 Corning Road, Suite 200  
Cary, NC 27518  
☎ 919-859-5743    📠 919-783-5882

## Abatement Consultant

AECOM  
10 Patewood Drive  
Building VI, Suite 500  
Greenville, SC 29615  
☎ 864-234-3000    📠 864-234-3069

Consultants to Architect

## Civil Engineering:

Schrenk & Peterson Consulting Engineers, Inc.  
(S&P)  
4141 Bienville Avenue  
New Orleans, LA 70119  
☎ 504-482-7856    📠 504-482-7325

## Structural Engineering:

Korda/Nemeth Engineering  
1650 Watermark Drive, Suite 200  
Columbus, OH 43245-1094  
☎ 614-487-1650    📠 614-487-8981

## Mechanical/Electrical Engineering:

Bard, Rao + Athanas Consulting Engineers, LLC  
Consulting Engineers, Inc. (BR+A)  
311 Arsenal Street  
Boston, MA 02135  
☎ 617-254-0016    📠 617-924-9339

## Plumbing Engineering:

Architectural Engineers, Inc. (AEI)  
77 Summer Street

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	Boston, MA 02110 ☎ 617-542-0810    📠 617-542-8451
Fire Protection Engineering:	Scales Associates 28 West Adams Street, Suite 1100 Detroit, MI 48226 ☎ 313-962-8830    📠 313-962-3776
Blast Mitigation Engineering	Hinman Consulting Engineers, Inc. 225 Reinekers Lane, Suite 250 Alexandria, VA 22314 ☎ 703-416-6780    📠 703-836-4423
IT-Low Voltage Engineering:	Bard, Rao + Athanas Consulting Engineers, LLC Consulting Engineers, Inc. (BR+A) 311 Arsenal Street Boston, MA 02135 ☎ 617-254-0016    📠 617-924-9339
Parking Structure Consultant:	Desman Associates 20 N. Clark Street, 4th Floor Chicago, IL 60602 ☎ 312-263-3139    📠 312-263-8406
Code Consultant:	Code Consultants Inc. (CCI) 1804 Borman Circle Drive St. Louis, MO 63146 ☎ 314-991-2633    📠 314-991-4614
Audio Visual Consultant:	The Sextant Group Riverside Center for Innovation 730 River Avenue, Suite 600 Pittsburgh, PA 15212 ☎ 412-323-8580    📠 412-323-8538
Food Service Consultant:	Hammer Design Associates, Inc. (HDA) 1000 Commerce Drive, Suite 1006 Coraopolis, PA 15108 ☎ 412-299-9000    📠 412-229-9300
Geotechnical Engineering:	Professional Services Industries, Inc. (PSI) 724 Central Avenue Jefferson, LA 70121 ☎ 713-224-2047    📠 504-733-8161
Surveying Engineering:	BFM Corporation, LLC 534 Williams Boulevard Kenner, LA 70062 ☎ 800-349-8800    📠 504-467-0065
Lighting Consultant:	Gary Steffy Lighting Design (GSLD) 2900 South State Street, Suite 12 Ann Arbor, MI 48104 ☎ 800-537-1230    📠 734-747-6629

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Elevator Consultant:

CT +Associates llc (CT)  
86 Thomas Leighton Boulevard  
Cumberland, RI 02864-2220  
☎ 401-475-6652      📠 270-968-8670

## Irrigation Consultant:

I.S.C. Group, Inc. (ISC)  
340 Church Street  
Livermore, CA 93550  
☎ 925-371-8230      📠 925-371-8240

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Not used

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**DIVISION 21 - FIRE SUPPRESSION***Scales*

21 05 11	Common Work Results for Fire Suppression
21 05 16	Expansion Fittings and Loops for Fire Suppression Seismically Qualified piping
21 05 19	Meters and Gages
21 0523	General Duty Valves for Fire Suppression System
21 0529	Hangers and Supports
21 0553	Fire Protection Identification
2112 00	Fire-Suppression Standpipes
2113 13	Wet-Pipe Sprinkler Systems

**DIVISION 22 - PLUMBING**

2205 11	Common Work Results for Plumbing	
2205 12	General Motor Requirements for Plumbing Equipment	
2205 19	Meters and Gages for Plumbing Piping	
22 0523	General-Duty Valves for Plumbing Piping	
2207 11	Plumbing Insulation	
22 0800	Commissioning	
22 11 00	Facility Water Distribution	
22 11 23	Domestic Water Pumps	
22 1300	Facility Sanitary and Vent Piping	
22 1400	Facility Storm Drainage	
22 3500	Domestic Water Heat Exchangers	
224000	Plumbing Fixtures	Bull 030
22 62 00	Vacuum Systems for Laboratory and Healthcare Facilities	
22 63 00	Gas Systems for Laboratory and Healthcare Facilities	
22 66 00	Chemical-Waste Systems for Laboratory and Healthcare Facilities	
22 77 00	Facility Natural-Gas Piping	

**DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)**

2305 11	Common Work Results for HVAC
2305 1110	3D Building Information Modeling

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2305 12	General Motor Requirements for HVAC Equipment	
2305 14	Variable Frequency Drives	
23 05 41	Noise and Vibration Control for HVAC Piping and Equipment	
23 05 93	Testing, Adjusting, and Balancing for HVAC	
2307 11	HVAC Insulation	
2321 13	Hydronic Piping	Add 01
2321 23	Hydronic Pumps	
2322 13	Steam and Condensate Heating Piping	
23 22 23	Steam Condensate Pumps	
2323 00	Refrigerant Piping	
23 25 00	HVAC Water Treatment	
23 31 00	HVAC Ducts and Casings and Silencers	Add 01
23 34 00	HVAC Fans	
23 36 00	Air Terminal Units and Air Flow Control Valves	Add 01
2337 00	Air Outlets and Inlets	
23 40 00	HVAC Air Cleaning Devices	
2372 00	Air-to-Air Energy Recovery Equipment	
2373 00	Custom Indoor Central-Station Air-Handling Units	
2373 13	Packaged, Indoor, Central-Station Air-Handling Units	Add 01
2381 23	Computer-Room Air-Conditioners	Add 01
2382 00	Convection Heating and Cooling Units	
2382 16	Air Coils	
2384 13	Humidifiers	

#### DIVISION 25 - INTEGRATED AUTOMATION

25 05 00	Basic Materials and Methods
25 1000	Direct Digital/Automatic Temperature Controls
25 35 23	DDC CFM Tracking Terminal Boxes (VAV, VCV, CV, VVE, CVE Designations)
25 50 00	Instrumentation Terminal Devices

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2605 1110	3D Building Information Modeling
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26 05 21	Low-Voltage Electrical Power Conductors and Cables (600 Volts and Below)
26 05 26	Grounding and Bonding for Electrical Systems
26 05 33	Raceway and Boxes for Electrical Systems
26 05 37	Cable Trays
26 0541	Underground Electrical Construction
26 05 71	Electrical System Protective Device Study
26 05 80	Electrical Acceptance Tests
26 09 23	Low Voltage Lighting Controls
26 1116	Secondary Unit Substations
26 22 00	Low-Voltage Transformers
26 23 00	Low-Voltage Switchgear

2624 11	Distribution Switchboards
2624 16	Panelboards
26 27 26	Wiring Devices
2629 11	Low Voltage Motor Starters
26 29 21	Disconnect Switches
26 36 23	Automatic Transfer Switches
2641 00	Facility Lightning Protection
2643 13	Surge Suppression Device (SPD)
26 51 00	Interior Lighting
2652 00	Lighting Inverter Systems
26 55 71	Medical Exam and Surgical Lighting Fixtures
26 56 00	Exterior Lighting

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2705 11	Requirements for Communications Installations
2705 11 10	3D Building Information Modeling
27 05 26	Grounding and Bonding for Communications Systems
27 05 33	Raceways and Boxes for Communications Systems
27 10 00	Structured Cabling
27 1500	Communications Horizontal Cabling
2751 16	Public Address and Mass Notification Systems
2753 19	In-Building Wireless System

#### DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

28 05 00	Common Work Results for Electronic Safety and Security
28 05 11	Requirements for Electronic Safety and Security Installations
28 15 11 10	3D Building Information Modeling
28 05 13	Conductors and Cables for Electronic Safety and Security
28 0526	Grounding and Bonding for Electronic Safety and Security
28 05 33	Raceways and Boxes for Electronic Safety and Security
28 13 11	Physical Access Control Systems (PACS)
28 16 11	Intrusion Detection System
28 23 00	Video Surveillance
28 26 00	Electronic Personal Protection System (EPPS)
2831 00	Fire Detection and Alarm

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31 2000	Earth Moving
31 23 19	Dewatering
31 2323	Geo-Synthetic Fill
31 3116	Termite Control
31 6200	Driven Piles (Treated Timber)
31 62 16	Precast Concrete Piles

**DIVISION 32 - EXTERIOR IMPROVEMENTS**

32 01 90	Operation and Maintenance of Planting
32 0523	Cement and Concrete for Exterior Improvements
32 12 00	Stabilized Flexible Aggregate Paving
32 13 15	Architectural Site Concrete
32 14 19	Stone Weirs
32 3000	Site Improvements
32 3950	Site Security Equipment
32 84 00	Landscape Irrigation
32 9113	Planting Soil Preparation
329118	Imported Topsoil
32 9119	Landscape Grading
32 92 00	Turf and Grasses
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**DIVISION 33 - UTILITIES**

33 30 00	Sanitary Sewerage Utilities
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33 40 01	Directional Drilling
3346 13	Foundation Drainage

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**SECTION 00 01 15****LIST OF DRAWING SHEETS**

The drawings listed below accompanying this specification form a part of the contract.

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**VOLUME 1****GENERAL**

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GI002	DRAWING INDEX	Add 01
GI003	DRAWING INDEX	
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GI901	CAMPUS AXONOMETRIC	
0AS109	BLDG 08 LIFE SAFETY PLANS	
0AS109.1	BLDG 08 CODE SUMMARY INFORMATION	

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CI200-R	CIVIL-STRUCTURAL GENERAL NOTES AND SITE DETAILS	Add 01
CI201-R	CIVIL-STRUCTURAL SITE DETAILS	Add 01
CI202-R	CIVIL-STRUCTURAL SITE DETAILS	Add 01
CI501-R	CIVIL DETAILS	
CI502-R	CIVIL DETAILS	
CI503-R	CIVIL DETAILS	
CK101-R	CIVIL UTILITY HORIZONTAL CONTROL PLAN	
CU001-R	NOTES AND FINISH LEGEND	
CU101-R	OVERALL UTILITY PLAN	Add 01

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LM120-R	SITE MATERIALS PLAN RESEARCH	Bull 019, 038
LL120-R	SITE LAYOUT PLAN RESEARCH	Bull 019, 038
LL121-R	SITE JOINTING PLAN RESEARCH	Bull 019, 038
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LP120-R	SITE PLANTING PLAN RESEARCH	Bull 019, 038
LI100-R	SITE IRRIGATION NOTES AND LEGEND-RESEARCH	
LI120-R	SITE IRRIGATION PLAN RESEARCH	Bull 019
LI300-R	SITE IRRIGATION DETAILS RESEARCH	
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L500-R	PAVING DETAILS	
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L520-R	BUILDING INTERFACE DETAILS	
L530-R	LAYOUT ENLARGEMENT DETAILS	
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L570-R	SOIL TRANSITION DETAILS	

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8SB101	BLDG 8 LEVEL 1 FLOOR FRAMING PLAN	Add 01, Bull 030
8SB501	TYPICAL STRUCTURAL DETAILS	
8SB502	TYPICAL STRUCTURAL DETAILS	Bull 030
8SB601	PILE CAP DETAILS	
8SB602	GRADE BEAM SCHEDULE	
8SF102	BLDG 8 LEVEL 2 FLOOR FRAMING PLAN	Add 01
8SF102.5	BLDG 8 DIXIE LEVEL 3 FLOOR FRAMING PLAN	Add 01
8SF103	BLDG 8 LEVEL 3 FLOOR FRAMING PLAN	Add 01
8SF103.5	BLDG 8 LEVEL 3.5 FLOOR FRAMING PLAN	Add 01
8SF104	BLDG 8 LEVEL 4 FLOOR FRAMING PLAN	Add 01
8SF104.5	BLDG 8 DIXIE LEVEL 4 FLOOR FRAMING PLAN	Add 01
8SF105	BLDG 8 LEVEL 5 FLOOR FRAMING PLAN	Add 01
8SF105.5	BLDG 8 MEZZANINE FRAMING PLAN	Add 01
8SF106	BLDG 8 ROOF FRAMING PLAN	Add 01
8SF107	DOMES REINF.PLAN	
8SF201	ELEVATOR ELEVATIONS	Add 01
8SF202	BRACING ELEVATIONS	
8SF203	WALL ELEVATIONS	Add 01
8SF204	WALL ELEVATION	Add 01
8SF501	STRUCTURAL DETAILS	Add 01
8SF502	STRUCTURAL DETAILS	
8SF503	STRUCTURAL DETAILS	
8SF504	STRUCTURAL DETAILS	
8SF505	STRUCTURAL DETAILS	Add 01
8SF506	STRUCTURAL DETAILS	Add 01
8SF510	STRUCTURAL DETAILS	
8SF511	STRUCTURAL DETAILS	
8SF512	STRUCTURAL DETAILS	
8SF601	BEAM SCHEDULE	
8SF602	BEAM SCHEDULE	
8SF603	BEAM SCHEDULE	
8SF610	COLUMN SCHEDULE	
8SF611	COLUMN SCHEDULE	

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8AI002	PARTITION TYPE SCHEDULE

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8AD101	BLDG 8 DIXIE SELECTIVE DEMOLITION AND INFILL PLANS	
8AD102	BLDG 8 DIXIE SELECTIVE DEMOLITION AND INFILL PLANS	
8AD103	BLDG 8 DIXIE SELECTIVE DEMOLITION AND INFILL PLANS	
8AD202	BLDG 8 DIXIE SELECTIVE DEMOLITION AND INFILL INTERIOR ELEVATIONS	Add 01
8AD300	BLDG 8 DIXIE SELECTIVE DEMOLITION AND INFILL EXISTING PHOTOGRAPHS	
8AD301	BLDG 8 DIXIE SELECTIVE DEMOLITION AND INFILL EXISTING PHOTOGRAPHS	
8AD302	BLDG 8 DIXIE SELECTIVE DEMOLITION AND INFILL EXISTING PHOTOGRAPHS	
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8AS102	BLDG 8 LEVEL 2 FLOOR PLAN	Add 03, Bull 019, 046
8AS103	BLDG 8 LEVEL 3 FLOOR PLAN	Add 03, Bull 019, 046
8AS103.5	BLDG 8 LEVEL 3.5 FLOOR PLAN	
8AS104	BLDG 8 LEVEL 4 FLOOR PLAN	Add 03, Bull 019, 046
8AS105	BLDG 8 LEVEL 5 FLOOR PLAN	Add 01
8AS105.5	BLDG 8 LEVEL 5.5 FLOOR PLAN	
8AS106	BLDG 8 ROOF PLAN	
8AS141	BLDG 8 LEVEL 1 RCP	
8AS142	BLDG 8 LEVEL 2 RCP	Bull 046, <b>046</b>
8AS143	BLDG 8 LEVEL 3 RCP	<b>Bull 048</b>
8AS143.5	BLDG 8 LEVEL 3.5 RCP	
8AS144	BLDG 8 LEVEL 4 RCP	Bull 046
8AS145	BLDG 8 LEVEL 5 RCP	
8AF101	BLDG 8 LEVEL 1 FINISH FLOOR PLAN	Add 01, 03, <b>Bull 048</b>
8AF102	BLDG 8 LEVEL 2 FINISH FLOOR PLAN	Add 03, <b>Bull 048</b>
8AF103	BLDG 8 LEVEL 3 FINISH FLOOR PLAN	<b>Bull 048</b>
8AF103.5	BLDG 8 LEVEL 3.5 FINISH FLOOR PLAN	<b>Bull 048</b>
8AF104	BLDG 8 LEVEL 4 FINISH FLOOR PLAN	Add 03, <b>Bull 048</b>
8AF105	BLDG 8 LEVEL 5 FINISH FLOOR PLAN	Add 01
8AS200	BLDG 8 ELEVATION KEY PLAN	
8AS201	BLDG 8 AXONOMETRICS	Bull 019
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8AS204	BLDG 8 WEST ELEVATION	Bull 019
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8AS260	BLDG 8 DIXIE CURTAINWALL ELEVATIONS	
8AS261	BLDG 8 DIXIE CURTAINWALL ELEVATIONS	
8AI200	MOUNTING HEIGHTS SCHEDULE & GRAPHIC LEGEND	Add 01
8AI201	BLDG 8 INTERIOR ELEVATIONS	
8AI250	BLDG 8 DIXIE INTERIOR ELEVATIONS	
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8AS300	BLDG 8 EAST - WEST BUILDING SECTION	
8AS301	BLDG 8 NORTH - SOUTH BUILDING SECTION	
8AS302	BLDG 8 NORTH - SOUTH BUILDING SECTION AT DIXIE	
8AS303	BLDG 8 NORTH - SOUTH BUILDING SECTION AT LIGHTWELL	
8AS304	BLDG 8 NORTH - SOUTH BUILDING SECTION AT MEZZANINES	
8AS305	BLDG 8 BUILDING SECTIONS THRU DIXIE BUILDING	
8AS306	BLDG 8 BUILDING SECTIONS THRU DIXIE BUILDING	
8AS310	BLDG 8 WALL SECTIONS	Bull 019
8AS311	BLDG 8 WALL SECTIONS	
8AS360	BLDG 8 DIXIE WALL SECTIONS	
8AS361	BLDG 8 DIXIE WALL SECTIONS	
8AS362	BLDG 8 DIXIE WALL SECTIONS	
8AS400	BLDG 8 NORTH ENTRY ENLARGED PLAN & ELEVATIONS	
8AS450	BLDG 8 DIXIE CARRIAGEWAY DETAILS	
8AS451	DIXIE GATE REPRODUCTION DETAILS	
8AI400	SERIES GENERAL NOTES AND CODED NOTES	
8AI401	BLDG 8 ENLARGED VIEWS	
8AI402	BLDG 8 ENLARGED VIEWS	Add 01, 03
8AI403	BLDG 8 ENLARGED VIEWS	
8AI404	BLDG 8 ENLARGED VIEWS	Add 01, 03
8AI405	BLDG 8 ENLARGED VIEWS	
8AI410	BLDG 8 LEVEL 1 ENLARGED VIEWS	
8AI411	BLDG 8 LEVEL 1 ENLARGED VIEWS	
8AI420	BLDG 8 LEVEL 2 ENLARGED VIEWS	
8AI421	BLDG 8 LEVEL 2 ENLARGED VIEWS	
8AI422	BLDG 8 LEVEL 2 ENLARGED VIEWS	
8AI423	BLDG 8 LEVEL 2 ENLARGED VIEWS	
8AI424	BLDG 8 LEVEL 2 ENLARGED VIEWS	
8AI425	BLDG 8 LEVEL 2 ENLARGED VIEWS	Add 03
8AI430	BLDG 8 LEVEL 3 ENLARGED VIEWS	
8AI431	BLDG 8 LEVEL 3 ENLARGED VIEWS	Bull 048
8AI440	BLDG 8 LEVEL 4 ENLARGED VIEWS	Bull 046
8AI441	BLDG 8 LEVEL 4 ENLARGED VIEWS	Add 03
8AI442	BLDG 8 LEVEL 4 ENLARGED VIEWS	
8AI443	BLDG 8 LEVEL 4 ENLARGED VIEWS	
8AI444	BLDG 8 LEVEL 4 ENLARGED VIEWS	Add 03
8AI450	BLDG 8 DIXIE CAFE ADD ALTERNATE	
8AS500	DETAIL GENERAL INFORMATION	
8AS501	BLDG 8 WALL TYPE MP-1	
8AS502	BLDG 8 WALL TYPE MP-2	Bull 019
8AS503	BLDG 8 WALL TYPE BR-1	
8AS504	BLDG 8 WALL TYPE PC-1	
8AS505	BLD 8 WALL TYPE CW-1 TYPICAL DETAILS	
8AS510	EXTERIOR DETAILS - BUILDING BASE	
8AS541	EXTERIOR DETAILS - MOVEMENT JOINTS	
8AS550	BLDG 8 EXTERIOR WALL DETAILS	
8AS551	BLDG 8 EXTERIOR WALL DETAILS	
8AS552	BLDG 8 EXTERIOR WALL DETAILS	
8AS553	BLDG 8 EXTERIOR WALL DETAILS	
8AS554	BLDG 8 EXTERIOR WALL DETAILS	
8AS555	BLDG 8 EXTERIOR WALL DETAILS	
8AS560	EXTERIOR DETAILS-DOORS	

8AS575	EXTERIOR DETAILS-ROOF	
8AS576	BLDG 8 EXTERIOR DOOR FRAME DETAILS	Add 01
8AS577	EXTERIOR DETAILS-ROOF PARAPET	
8AS578	EXTERIOR DETAILS-ROOF PARAPET	
8AS579	EXTERIOR DETAILS-ROOF/WALL	
8AS580	EXTERIOR PLAN DETAILS	
8AS581	EXTERIOR PLAN DETAILS	
8AI500	BLDG 8 - ARCHITECTURAL WOODWORK	
8AI501	PARTITION DETAILS	Add 03
8AI502	PARTITION DETAILS	
8AI503	PARTITION DETAILS	
8AI504	PARTITION DETAILS @ EXTERIOR	
8AI505	PARTITION & MISC. DETAILS	
8AI510	DOOR & FRAME DETAILS	
8AI515	FLOORING DETAILS	
8AI516	FLOOR DETAILS	
8AI517	INTERIOR EXPANSION JOINT DETAILS	
8AI520	TYPICAL CEILING PROFILES & TRANSITION DETAILS	
8AI521	TYPICAL CEILING PROFILES & TRANSITION DETAILS	
8AI522	TYPICAL CEILING DETAILS	
8AI530	MANUFACTURED CASEWORK DETAILS	
8AI531	MANUFACTURED CASEWORK DETAILS	
8AI532	MANUFACTURED CASEWORK DETAILS	
8AI533	TYPICAL LAB CASEWORK DETAILS	
8AI534	TYPICAL LAB CASEWORK DETAILS	
8AI535	MISCELLANEOUS DETAILS	
8AI550	BLDG 8 DIXIE INTERIOR DETAILS	
8AI551	BLDG 8 DIXIE INTERIOR DETAILS	
8AI600	DOOR & FRAME TYPES	Add 03
8AI601	BLDG 8 DOOR SCHEDULE	Bull 046
8AI602	BLDG 8 DOOR SCHEDULE	Add 03
8AI620	TOILET ACCESSORY LEGEND/GROUPS/SCHEDULE	Add 01, 03
8AF601	FINISH ABBREVIATIONS AND NOTES	
8AF602	FINISH LEGEND - PART A	
8AF603	FINISH LEGEND - PART B	Add 03
8AF604	FINISH LEGEND - PART C	Add 03
8AF605	WALL PROTECTION LEGEND	
8AF607	BLDG 8 ROOM FINISH SCHEDULE 1	Add 03, Bull 046
8AF608	BLDG 8 ROOM FINISH SCHEDULE 2	Add 03, Bull 046
8AS700	STAIR TYPICAL DETAILS	
8AS701	MISCELLANEOUS METAL FABRICATION & STAIR SCHEDULE	
8AS710	BLDG 8 STAIR P1 ENLARGED PLANS	
8AS711	BLDG 8 STAIR P1 ENLARGED SECTIONS	
8AS712	BLDG 8 STAIR P2 ENLARGED PLANS & SECTIONS	
8AS750	BLDG 8 DIXIE STAIR DETAILS	
8AS751	BLDG 8 DIXIE STAIR DETAILS	
8AS753	BLDG 8 DIXIE STAIR DETAILS	
8AS754	BLDG 8 DIXIE STAIR DETAILS	

**EQUIPMENT**

8QR101-P	BLDG 8 FOOD SERVICE EQUIPMENT-FLOOR PLAN, SCHEDULE, COORDINATION PLAN, ELEVATIONS AND REFERENCE NOTES
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8QR101U-P	BLDG 8 FOOD SERVICE EQUIPMENT-UTILITY CONNECTION PLANS AND SCHEDULES
8QR201-P	BLDG 8 FOOD SERVICE EQUIPMENT-DETAILS, SECTIONS, REFERENCE NOTES AND FINISH SCHEDULE

**FIRE ALARM**

8FA001	FIRE ALARM LEGENDS AND NOTES	
8FA101-P	BLDG 8 FIRST FLOOR FIRE ALARM PLAN-AREA P	Add 01
8FA102-P	BLDG 8 SECOND FLOOR FIRE ALARM PLAN-AREA P	Add 01, Bull 019, 046
8FA103-P	BLDG 8 THIRD FLOOR FIRE ALARM PLAN-AREA P	Bull 019
8FA103.5-P	BLDG 8 FLOOR 3.5 FIRE ALARM PLAN-AREA P	
8FA104-P	BLDG 8 FOURTH FLOOR FIRE ALARM PLAN-AREA P	Add 01
8FA105-P	BLDG 8 FIFTH FLOOR PENTHOUSE FIRE ALARM PLAN-AREA P	
8FA105.5-P	BLDG 8 FLOOR 5.5 MEZANINE FIRE ALARM PLAN-AREA P	Add 01
8FA401	BLDG 8 ENLARGED DIXIE CAFE ALTERNATE FIRE ALARM PLAN	
8FA500	FIRE ALARM DETAILS SHEET	
8FA601	BUILDING 8 - RESEARCH - FIRE ALARM RISER - AREA P	Add 01

**FIRE SUPPRESSION**

8FX001	BLDG 8 GENERAL NOTES AND SYMBOLS	
8FX101-P	BLDG 8 FIRST FLOOR FIRE PROTECTION PLAN - AREA P	Add 01
8FX102-P	BLDG 8 SECOND FLOOR FIRE PROTECTION PLAN - AREA P	Add 01
8FX103-P	BLDG 8 THIRD FLOOR FIRE PROTECTION PLAN - AREA P	Add 01
8FX103.5-P	BLDG 8 LEVEL 3.5 FIRE PROTECTION PLAN	Add 01
8FX104-P	BLDG 8 FOURTH FLOOR FIRE PROTECTION PLAN - AREA P	Add 01
8FX105-P	BLDG 8 FIFTH FLOOR FIRE PROTECTION PLAN - AREA P	Add 01
8FX400	SECTIONS AND DETAILS	Add 01

**PLUMBING**

8PL000	PLUMBING LEGEND & GENERAL NOTES	
8PL100-P	BLDG 8 UNDERSLAB PLUMBING PLAN	Add 01, Bull 030
8PL101-P	BLDG 8 FIRST FLOOR PLUMBING PLAN	Add 01
8PL102-P	BLDG 8 SECOND FLOOR PLUMBING PLAN	Add 01, Bull 030
8PL103-P	BLDG 8 THIRD FLOOR PLUMBING PLAN	Add 01, Bull 030
8PL103.5-P	BLDG 8 3.5 FLOOR PLUMBING PLAN	
8PL104-P	BLDG 8 FOURTH FLOOR PLUMBING PLAN	Add 01, Bull 030
8PL105-P	BLDG 8 FIFTH FLOOR PLUMBING PLAN	
8PL107-P	BLDG 8 ROOF - HIGH	
8PL200	ENLARGED PLUMBING PART PLANS	Add 01
8PL201	ENLARGED PLUMBING PART PLANS	Add 01
8PL300	UNDERSLAB SANITARY RISER DIAGRAM	
8PL301	1st FLOOR SANITARY RISER DIAGRAM	
8PL302	2nd FLOOR SANITARY RISER DIAGRAM	
8PL303	3rd FLOOR SANITARY RISER DIAGRAM	
8PL304	4th FLOOR SANITARY RISER DIAGRAM	
8PL305	5th FLOOR SANITARY RISER DIAGRAM	
8PL314	1st FLOOR WATER DISTRIBUTION RISER DIAGRAM	
8PL315	2nd FLOOR WATER DISTRIBUTION RISER DIAGRAM	
8PL316	3rd FLOOR WATER DISTRIBUTION RISER DIAGRAM	
8PL317	4th FLOOR WATER DISTRIBUTION RISER DIAGRAM	
8PL318	5th FLOOR WATER DISTRIBUTION RISER DIAGRAM	
8PL319	STORM WATER RISER	

8PL400	PLUMBING RACK SECTION	
8PL500	PLUMBING DETAILS SHEET 1	
8PL501	PLUMBING DETAILS SHEET 2	
8PL502	PLUMBING DETAILS SHEET 3	
8PL503	PLUMBING DETAILS SHEET 4	
8PL504	PLUMBING DETAILS SHEET 5	Add 01
8PL505	PLUMBING DETAILS SHEET 6	
8PL600	PLUMBING SCHEDULES SHEET 1	Add 01, Bull 030
8PL601	PLUMBING SCHEDULES SHEET 2	

**LABORATORY GAS**

8PG000	BLDG 8 LABORATORY GAS LEGEND AND GENERAL NOTES
8PG101-P	BLDG 8 FIRST FLOOR LABORATORY GAS PLAN
8PG102-P	BLDG 8 SECOND FLOOR LABORATORY GAS PLAN
8PG103-P	BLDG 8 THIRD FLOOR LABORATORY GAS PLAN
8PG104-P	BLDG 8 FOURTH FLOOR LABORATORY GAS PLAN
8PG105-P	BLDG 8 FIFTH FLOOR LABORATORY GAS PLAN
8PG301	BLDG8 FIRST FLOOR LABORATORY GAS RISER DIAGRAM
8PG302	BLDG 8 SECOND FLOOR LABORATORY GAS RISER DIAGRAM
8PG303	BLDG 8 THIRD FLOOR LABORATORY GAS RISER DIAGRAM
8PG304	BLDG 8 FOURTH FLOOR LABORATORY GAS RISER DIAGRAM
8PG305	BLDG 8 FIFTH FLOOR LABORATORY GAS RISER DIAGRAM
8PG500	LABORATORY GAS DETAILS SHEET 1
8PG501	LABORATORY GAS DETAILS SHEET 2
8PG600	BLDG 8 LABORATORY GAS SCHEDULES SHEET 1

**VOLUME 3****MECHANICAL**

8MH001	HVAC SYMBOLS, ABBREVIATIONS, NOTES	
8MH002	HVAC SYMBOLS, ABBREVIATIONS, NOTES	
8MH003	HVAC SYMBOLS, ABBREVIATIONS, NOTES	
8MH101-P	BLDG 8 HVAC FIRST FLOOR DUCTWORK PLAN-AREA P	Add 01, Bull 019
8MH102-P	BLDG 8 HVAC SECOND FLOOR DUCTWORK PLAN-AREA P	Bull 046
8MH103-P	BLDG 8 HVAC THIRD FLOOR DUCTWORK PLAN-AREA P	Add 01
8MH103.5-P	BLDG 8 HVAC THIRD FLOOR MEZZANINE PLAN-AREA P	Add 01
8MH104-P	BLDG 8 HVAC FOURTH FLOOR DUCTWORK PLAN-AREA P	Bull 046
8MH105-P	BLDG 9 HVAC FIFTH FLOOR PENTHOUSE PLAN-AREA P	
8MH105.5-P	BLDG 8 HVAC FIFTH FLOOR MEZZANINE PLAN-AREA P	Add 01
8MH106-P	BLDG 8 SIXTH FLOOR ROOF PLAN	Add 01
8MP101-P	BLDG 8 FIRST FLOOR PIPING PLAN-AREA P	Add 01
8MP102-P	BLDG 8 SECOND FLOOR PIPING PLAN-AREA P	Add 01, Bull 046
8MP103-P	BLDG 8 THIRD FLOOR PIPING PLAN-AREA P	Add 01
8MP104-P	BLDG 8 FOURTH FLOOR PIPING PLAN-AREA P	Add 01
8MH301	BLDG 8 HVAC FLOOR SECTIONS	
8MH302	BLDG 8 HVAC PENTHOUSE MECHANICAL ROOM SECTIONS	
8MH303	BLDG 8 HVAC PENTHOUSE MECHANICAL ROOM SECTIONS	
8MH401	BLDG 8 HVAC EAST PENTHOUSE ENLARGED PLAN-AREA P	Add 01
8MH402	BLDG 8 HVAC EAST PENTHOUSE ENLARGED PLAN-AREA P	Add 01, Bull 046
8MH403	BLDG 8 HVAC WEST PENTHOUSE ENLARGED PLAN-AREA P	Add 01, Bull 046
8MH404	BLDG 8 HVAC DIXIE PENTHOUSE ENLARGED PLAN-AREA P	Add 01

8MH405	BLDG 8 HVAC DIXIE CAFÉ ADD ALTERNATE DUCTWORK AND PIPING	
8MH501	HVAC DETAILS	
8MH502	HVAC DETAILS	
8MH503	HVAC DETAILS	
8MH504	HVAC DETAILS	
8MH505	HVAC DETAILS	
8MH506	HVAC DETAILS	Add 01
8MH507	HVAC DETAILS	
8MH508	HVAC DETAILS	Add 01
8MH509	HVAC DETAILS	
8MH510	HVAC VIVARIUM SUPPLY AIR HANDLING UNIT DETAILS	
8MH511	HVAC VIVARIUM EXHAUST AIR HANDLING UNIT DETAILS	
8MH512	HVAC LAB SUPPLY AND EXHAUST AIR HANDLING UNIT DETAILS	
8MH513	HVAC OFFICE SUPPLY AIR HANDLING UNIT DETAILS	
8MH601	BLDG 8 HVAC EQUIPMENT SCHEDULES	
8MH602	BLDG 8 HVAC EQUIPMENT SCHEDULES	
8MH603	BLDG 8 HVAC EQUIPMENT SCHEDULES	Add 01
8MH604	BLDG 8 HVAC EQUIPMENT SCHEDULES	Bull 046
8MH605	BLDG 8 HVAC EQUIPMENT SCHEDULES	Bull 046
8MH606	BLDG 8 HVAC EQUIPMENT SCHEDULES	Add 01
8MH607	BLDG 8 HVAC EQUIPMENT SCHEDULES	
8MH608	BLDG 8 HVAC EQUIPMENT SCHEDULES	
8MH609	BLDG 8 HVAC EQUIPMENT SCHEDULES	
8MH610	BLDG 8 HVAC EQUIPMENT SCHEDULES	
8MH611	BLDG 8 HVAC EQUIPMENT SCHEDULES	
8MH612	BLDG 8 HVAC AIR TERMINAL/VALVES AND FAN COIL UNIT SCHEDULES	Add 01, Bull 046
8MH613	BLDG 8 HVAC AIR TERMINAL/VALVES AND FAN COIL UNIT SCHEDULE	Add 01, Bull 046
8MH614	BLDG 8 HVAC AIR TERMINAL/VALVES AND FAN COIL UNIT SCHEDULE	Add 01
8MH701	BLDG 8 HVAC AIR FLOW RISER DIAGRAM	
8MH702	BLDG 8 HVAC AIR FLOW RISER DIAGRAM	
8MH703	BLDG 8 HVAC ANIMAL HOLDING ROOM SPACE DIAGRAMS	
8MP701	BLDG 8 HVAC STEAM FLOW DIAGRAM	
8MP702	BLDG 8 HVAC HOT WATER RISER DIAGRAM	
8MP703	BLDG 8 HVAC CHILLED WATER FLOW DIAGRAM	
8MP704	BLDG 8 HVAC HEAT RECOVERY FLOW DIAGRAM	
8MH801A	BLDG 8 MISCELLANEOUS POINTS	
8MH801B	BLDG 8 MISCELLANEOUS POINTS	
8MH802	BLDG 8 MISCELLANEOUS POINTS	
8MH803	BLDG 8 MISCELLANEOUS POINTS	
8MH804	BLDG 8 MISCELLANEOUS POINTS	
8MH805	BLDG 8 MISCELLANEOUS POINTS	
8MH806	BLDG 8 MISCELLANEOUS POINTS	
8MH807	BLDG 8 MISCELLANEOUS POINTS	
8MH808	BLDG 8 MISCELLANEOUS POINTS	
8MH809	BLDG 8 MISCELLANEOUS POINTS	
8MH810	BLDG 8 MISCELLANEOUS POINTS	
8MH811	HVAC CONTROL RISER DIAGRAM BUILDING 08	
8MH812	BLDG 8 MISCELLANEOUS POINTS	

8MH813 BLDG 8 VIVARIUM CONTROL SYSTEM  
 8MH814 BLDG 8 VIVARIUM AND LABORATORY CONTROL SYSTEM

**ELECTRICAL**

8ES001	ELECTRICAL LEGEND AND NOTES	
8EL101-P	BLDG 8 FIRST FLOOR LIGHTING PLAN-AREA P	
8EL102-P	BLDG 8 SECOND FLOOR LIGHTING PLAN-AREA P	Bull 019, 046
8EL103-P	BLDG 8 THIRD FLOOR LIGHTING PLAN-AREA P	Bull 019
8EL103.5-P	BLDG 8 FLOOR 3.5 LIGHTING PLAN-AREA P	
8EL104-P	BLDG 8 FOURTH FLOOR LIGHTING PLAN-AREA P	Bull 046
8EL105-P	BLDG 8 FIFTH FLOOR PENTHOUSE LIGHTING PLAN-AREA P	
8EL105.5-P	BLDG 8 FLOOR 5.5 MEZANINE LIGHTING PLAN	
8EP100	BUILDING 8 ELECTRICAL GROUNDING PLAN	
8EP101-P	BLDG 8 FIRST FLOOR POWER PLAN-AREA P	Add 01
8EP102-P	BLDG 8 SECOND FLOOR POWER PLAN-AREA P	Add 01, Bull 046
8EP103-P	BLDG 8 THIRD FLOOR POWER PLAN-AREA P	Add 01, Bull 046
8EP103.5-P	BLDG 8 FLOORS 3.5 POWER PLAN-AREA P	
8EP104-P	BLDG 8 FOURTH FLOOR POWER PLAN-AREA P	Add 01, Bull 046
8EP105-P	BLDG 8 FIFTH FLOOR PENTHOUSE POWER PLAN-AREA P	Add 01, Bull 046
8EP105.5-P	BLDG 8 FLOOR 5.5 MEZANINE POWER PLAN-AREA P	Add 01
8EP107-P	BUILDING 8 ELECTRICAL LIGHTNING PROTECTION ROOF PLAN	
8EP401	BLDG 8 ENLARGED DIXIE CAFÉ ALTERNATE	
8EP402	BLDG 8 ENLARGED ELECTRIC ROOMS SHEET #1	Add 01
8EP403	BLDG 8 ENLARGED ELECTRIC ROOMS SHEET #2	
8EP404	BLDG 8 ENLARGED ELEVATOR DETAILS	
8EP405	BLDG 8 ENLARGED TELECOM ROOMS	Bull 019
8EP406	BLDG 8 ENLARGED STAIRCASE	
8EP407	BLDG 8 ENLARGED ISOMETRIC VIEW	
8EP408	BLDG 8 ENLARGED FLOOR PLANS	
8EP409	BLDG 8 ENLARGED FLOOR PLANS	Bull 046
8EP410	BLDG 8 ENLARGED FLOOR PLANS	
8EP411	BLDG 8 FIRST FLOOR CONDUIT ROUTING PLAN	
8EP412	BLDG 8 SECOND FLOOR CONDUIT ROUTING PLAN	
8EP413	BLDG 8 THIRD FLOOR CONDUIT ROUTING PLAN	
8EP414	BLDG 8 FOURTH FLOOR CONDUIT ROUTING PLAN	
8EP415	BLDG 8 FIFTH FLOOR CONDUIT ROUTING PLAN	
8ES501	ELECTRICAL DETAILS SHEET	
8ES502	ELECTRICAL DETAILS SHEET	
8ES503	ELECTRICAL DETAILS SHEET	
8ES504	ELECTRICAL DETAILS SHEET #4	
8ES505	ELECTRICAL DETAILS SHEET	
8ES506	ELECTRICAL DETAILS SHEET	
8ES507	ELECTRICAL DETAIL SHEET #7	
8ES508	ELECTRICAL LIGHTING CONTROL WIRING DIAGRAMS SHEET	
8ES509	ELECTRICAL LIGHTING CONTROL WIRING DIAGRAMS SHEET	
8ES510	ELECTRICAL LIGHTNING PROTECTION DETAILS	
8ES601	BUILDING 8 ELECTRICAL NORMAL POWER RISER DIAGRAM	
8ES602	BUILDING 8 ELECTRICAL EMERGENCY POWER RISER DIAGRAM	Add 01, Bull 046
8ES603	BUILDING 8 ELECTRICAL ONE LINE DIAGRAM	Add 01
8ES604	BUILDING 8 ELECTRICAL GROUNDING RISER DIAGRAM	
8ES605	BUILDING 8 ELECTRICAL LIGHTING CONTROL RISER DIAGRAM	
8ES701	BUILDING 8 ELECTRICAL SUBSTATION SCHEDULES AND DETAILS	Add 01



8ES702	BUILDING 8 ELECTRICAL DISTRIBUTION SCHEDULES	
8ES703	BUILDING 8 ELECTRICAL DISTRIBUTION SCHEDULES	
8ES704	BUILDING 8 ELECTRICAL DISTRIBUTION SCHEDULES	Add 01, Bull 046
8ES705	BUILDING 8 ELECTRICAL DISTRIBUTION SCHEDULES	Add 01
8ES706	BUILDING 8 ELECTRICAL DISTRIBUTION SCHEDULES	Add 01, Bull 046
8ES707	BUILDING 8 ELECTRICAL NORMAL BRANCH CIRCUIT PANEL SCHEDULES	
8ES708	BUILDING 8 ELECTRICAL NORMAL BRANCH CIRCUIT PANEL SCHEDULES	Bull 046
8ES709	BUILDING 8 ELECTRICAL NORMAL BRANCH CIRCUIT PANEL SCHEDULES	
8ES710	BUILDING 8 ELECTRICAL NORMAL BRANCH CIRCUIT PANEL SCHEDULES	
8ES711	BUILDING 8 ELECTRICAL NORMAL BRANCH CIRCUIT PANEL SCHEDULES	Add 01
8ES712	BUILDING 8 ELECTRICAL EMERGENCY BRANCH CIRCUIT PANEL SCHEDULES	Add 01, Bull 046
8ES713	BUILDING 8 ELECTRICAL EMERGENCY BRANCH CIRCUIT PANEL SCHEDULES	Add 01, Bull 046
8ES714	BUILDING 8 ELECTRICAL EMERGENCY BRANCH CIRCUIT PANEL SCHEDULES	Add 01, Bull 046
8ES715	BUILDING 8 ELECTRICAL EMERGENCY BRANCH CIRCUIT PANEL SCHEDULES	Add 01, Bull 046
8ES716	BUILDING 8 SHORT CIRCUIT CALCULATIONS COMPLETE DISTRIBUTION	
8ES717	BUILDING 8 ELECTRICAL LIGHTING CONTROL SCHEDULES	
8ES718	BUILDING 8 ELECTRICAL LIGHTING FIXTURE SCHEDULES #1	Add 01
8ES719	BUILDING 8 ELECTRICAL LIGHTING FIXTURE SCHEDULES #2	
8ES720	BUILDING 8 ELECTRICAL LIGHTING FIXTURE SCHEDULES #3	
8ES721	BUILDING 8 ELECTRICAL LIGHTING FIXTURE SCHEDULES #4	
8ES722	BUILDING 8 ELECTRICAL LIGHTING FIXTURE SCHEDULES #5	
8ES723	BUILDING 8 ELECTRICAL LIGHTING FIXTURE SCHEDULES #1	
8ES724	BUILDING 8 ELECTRICAL LIGHTING FIXTURE SCHEDULES #1	

**TELECOM**

8TN001	BUILDING 08 - TELECOMMUNICATIONS SYMBOLS AND LEGENDS	Add 01
8TN002	BUILDING 08 - TELECOMMUNICATIONS FACEPLATE DETAILS	Add 01
8TN003	BUILDING 08 - LOW VOLTAGE DETAILS	
8TN004	BUILDING 08 - LOW VOLTAGE DETAILS	
8TN005	BUILDING 08 - LOW VOLTAGE DETAILS	
8TN1S1-P	BUILDING 08 - TELECOMMUNICATIONS SITE PLAN	Add 01
8TN101-P	BUILDING 08 - TELECOMMUNICATIONS FIRST FLOOR PLAN	Add 01
8TN102-P	BUILDING 08 - TELECOMMUNICATIONS SECOND FLOOR PLAN	Add 01
8TN103-P	BUILDING 08 - TELECOMMUNICATIONS THIRD FLOOR PLAN	Add 01
8TN103.5-P	BUILDING 08 - TELECOMMUNICATIONS PARTIAL DIXIE 3.5 FLOOR PLAN	Add 01
8TN104-P	BUILDING 08 - TELECOMMUNICATIONS FOURTH FLOOR PLAN	Add 01
8TN105-P	BUILDING 08 - TELECOMMUNICATIONS FIFTH FLOOR PLAN	Add 01
8TN105.5-P	BUILDING 08 - TELECOMMUNICATIONS MEZZANINE 5.5 PLAN	
8TN500	BUILDING 08 - TELECOMMUNICATIONS PARTIAL PLAN - CAFE ADD ALTERNATE #1	
8TN501	BUILDING 08 - TR - LVSR PART PLAN AND ELEVATIONS	

8TN502	BUILDING 08 - TR - LVSR PART PLAN AND ELEVATIONS	Bull 019
8TN503	BUILDING 08 - TR - LVSR PART PLAN AND ELEVATIONS	Bull 019
8TN504	BUILDING 08 - TELECOMMUNICATIONS FIBER DETAILS	
8TN505	BUILDING 08 - TELECOMMUNICATIONS KEYNOTES	
8TN601	BUILDING 08 - TELECOMMUNICATIONS CONDUIT RISER DIAGRAM	
8TN602	BUILDING 08 - TELECOMMUNICATIONS DATA BACKBONE RISER DIAGRAM	
8TN603	BUILDING 08 - TELECOMMUNICATIONS VOICE BACKBONE RISER DIAGRAM	
8TN604	BUILDING 08 - TELECOMMUNICATIONS OVERHEAD PAGING SYSTEM RISER DIAGRAM	
8TN605	BUILDING 08 - TELECOMMUNICATIONS DISTRIBUTIVE ANTENNA SYSTEM RISER DIAGRAM	
8TN606	BUILDING 08 - TELECOMMUNICATIONS GROUNDING RISER DIAGRAM	

**SECURITY**

8TY001	BUILDING 08 - SECURITY SYMBOLS AND LEGENDS	
8TY002	BUILDING 08 - SECURITY DOOR DETAILS	
8TY003	BUILDING 08 - SECURITY DOOR DETAILS	
8TY004	BUILDING 08 - SECURITY DETAILS	
8TY005	BUILDING 08 - SECURITY DETAILS	
8TY006	BUILDING 08 - SECURITY CAMERA DETAILS	
8TY007	BUILDING 08 - SECURITY DETAILS	
8TY101-P	BUILDING 08 - SECURITY FIRST FLOOR PLAN	Add 01
8TY102-P	BUILDING 08 - SECURITY SECOND FLOOR PLAN	
8TY103-P	BUILDING 08 - SECURITY THIRD FLOOR PLAN	
8TY103.5-P	BUILDING 08 - SECURITY PARTIAL DIXIE 3.5 FLOOR PLANS	
8TY104-P	BUILDING 08 - SECURITY FOURTH FLOOR PLAN	
8TY105-P	BUILDING 08 - SECURITY FIFTH FLOOR PLAN	
8TY105.5-P	BUILDING 08 - SECURITY MEZZANINE 5.5 PLAN	
8TY500	BUILDING 08 - SECURITY PARTIAL PLAN - CAFE ADD ALTERNATE #1	
8TY501	BUILDING 09 - LVSR PART PLAN AND ELEVATIONS	Bull 019
8TY502	BUILDING 08 - LVSR PART PLAN AND ELEVATIONS	Bull 019
8TY503	BUILDING 08 - SECURITY FIBER DETAILS	
8TY504	BUILDING 08 - SECURITY KEYNOTES	
8TY601	BUILDING 08 - SECURITY CONDUIT RISER DIAGRAM	
8TY602	BUILDING 08 - SECURITY SYSTEMS FIBER OPTIC BACKBONE RISER DIAGRAM	
8TY603	BUILDING 08 - PHYSICAL ACCESS CONTROL SYSTEM (PACS)	
8TY604	BUILDING 08 - SECURITY CAMERA RISER DIAGRAM	
8TY605	BUILDING 08 - SPECIAL SYSTEMS BACKBONE RISER DIAGRAM	

**AUDIO VISUAL**

0TA001	AUDIOVISUAL INFRASTRUCTURE SYMBOLS AND LEGENDS
0TA002	AUDIOVISUAL INFRASTRUCTURE SCHEDULES AND NOTES
0TA003.3	AUDIOVISUAL INFRASTRUCTURE SCHEDULES AND NOTES
0TA301	AUDIOVISUAL INFRASTRUCTURE ELEVATIONS
0TA302	AUDIOVISUAL INFRASTRUCTURE ELEVATIONS
0TA303	AUDIOVISUAL INFRASTRUCTURE ELEVATIONS
0TA401	AUDIOVISUAL INFRASTRUCTURE EQUIPMENT DETAILS
0TA402	AUDIOVISUAL INFRASTRUCTURE EQUIPMENT DETAILS



0TA403	AUDIOVISUAL INFRASTRUCTURE EQUIPMENT DETAILS
0TA501	AUDIOVISUAL INFRASTRUCTURE RISER DIAGRAMS
0TA502	AUDIOVISUAL INFRASTRUCTURE RISER DIAGRAMS
0TA503	AUDIOVISUAL INFRASTRUCTURE RISER DIAGRAMS
0TA504	AUDIOVISUAL INFRASTRUCTURE RISER DIAGRAMS
0TA505	AUDIOVISUAL INFRASTRUCTURE RISER DIAGRAMS
0TA506	AUDIOVISUAL INFRASTRUCTURE RISER DIAGRAMS
0TA507	AUDIOVISUAL INFRASTRUCTURE RISER DIAGRAMS
8TA101-P	BUILDING 8-FIRST FLOOR AUDIOVISUAL INFRASTRUCTURE FLOOR PLAN
8TA101-P.1	BUILDING 8-FIRST FLOOR AUDIOVISUAL INFRASTRUCTURE FLOOR PLAN - CAFE ADD ALTERNATE #1
8TA102-P	BUILDING 8-SECOND FLOOR AUDIOVISUAL INFRASTRUCTURE FLOOR PLAN
8TA103-P	BUILDING 8-THIRD FLOOR AUDIOVISUAL INFRASTRUCTURE FLOOR PLAN
8TA104-P	BUILDING 8-FOURTH FLOOR AUDIOVISUAL INFRASTRUCTURE FLOOR PLAN
8TA141-P	BUILDING 8-FIRST FLOOR AUDIOVISUAL INFRASTRUCTURE CEILING PLAN

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DOCUMENT 00 31 00  
INFORMATION AVAILABLE TO BIDDERS

PART 1 - GENERAL

1.1 SUMMARY

- A. Certain Information Available to Bidders described herein may be included at the end of this Document. Information Available to Bidders described herein but not included at the end of this Document is available to the Construction Manager upon request and arrangement with the Owner.
1. If additional related information is desired, obtain as agreeable to and at no additional cost to the Owner.
  2. See Section 01 00 00, General Requirements, including Article "PHYSICAL DATA".

1.2 GEOTECHNICAL ENGINEERING DATA

- A. A subsurface investigation was performed at the project site by PSI, Professional Service Industries, Inc., 724 Central Avenue, Jefferson, LA 70121, 800 548-7901 phone, 504 733-9411 phone, 504 733-9415 fax, [www.psiusa.com](http://www.psiusa.com), and the following related documents are Information Available to Bidders:
1. Soils Report: Geotechnical Engineering Report, Proposed VA Hospital - Phase I, Canal Street and South Galvez Street, New Orleans, Louisiana, PSI File Number 267-95001-1
    - a. October 16, 2009; 157 pages.
    - b. Includes letter, field exploration results, laboratory testing, foundation design recommendations, pavement design recommendations, construction considerations, and general site development.
  2. Soils Report Letter.
    - a. November 30, 2009; 3 pages.
    - b. Includes Additional Site Preparation Recommendations.
  3. Soils Report Addendum #1R.
    - a. June 9, 2010; 3 pages.
  4. Soils Report Addendum #2R.
    - a. May 21, 2010; 5 pages.
  5. Soils Report Addendum #3.
    - a. January 12, 2011; 2 pages.
  6. Soils Report Addendum #4R.
    - a. March 24, 2011; 3 pages.
  7. Soils Report Addendum #5.
    - a. May 4, 2011; 4 pages.
  8. Soils Report Addendum #6.
    - a. April 8, 2011; 58 pages.
- B. Review Geotechnical Engineering Data, visit the site, and become knowledgeable with existing conditions.
- C. Prior to bidding, bidders may perform their own subsurface investigations to satisfy themselves as to site and subsurface conditions. Such investigations shall be performed under time schedules and arrangements approved in advance by the Owner at no additional cost to Owner.

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D. Qualifications:

1. General: See Section 01 00 00, General Requirements, Article "PHYSICAL DATA."
2. The Geotechnical Engineering Data was obtained for Owner's use in design and is not part of the Contract Documents.
3. Geotechnical Engineering Data is not a warranty of subsurface conditions and is not to be relied upon as a complete representation of all possible soil conditions.
  - a. Conditions between boring locations may vary considerably and it should not be expected that they will be precisely represented by any one boring.
4. Neither Owner nor Owner's consultants are responsible for accuracy of the Geotechnical Engineering Data.

## 1.3 SITE SURVEY

- A. A site survey was performed at the project site by BFM Corporation, LLC, Professional Land Surveyors, 534 Williams Boulevard, Kenner, LA 70062, 800 349-8800 phone, 504 468-8800 phone, 504 467-0065 fax, [www.bfmcorporation.com](http://www.bfmcorporation.com), and the following related document is Information Available to Bidders:
  1. Site Survey, V.A. Replacement Hospital Site, 1st District, Squares 523-526 & 549-556, City of New Orleans, Orleans Parish, Louisiana, dated [January 14, 2010](#), drawing number VF101 of EWP-01.
- B. Review survey data, visit the site, and become knowledgeable with existing conditions.
- C. Refer to Section 01 71 23, Field Engineering, for GENERAL SURVEY WORK required before beginning work including:
  1. Field checking general topographic information and reference points.
  2. Letter of Verification.
  3. Report of discrepancies.

## 1.4 MEDICAL EQUIPMENT ACTIVATION REPORT

- A. The Medical Equipment Activation Report, dated 9-19-2011, including manufacturers' product cut-sheets, is included with this Project Manual but as a separate Volume.

## 1.5 EXISTING CONDITION INFORMATION

- A. The project site, except for the Pan American Building property, was previously a combination of residential and light commercial properties. Prior to the Owner acquiring the properties that constitute the project site, and after the Soils Reports were done, it is understood the following occurred:
  1. All existing roads on the project site have been removed.
  2. Utilities 12 inches diameter and larger have been removed from the project site.
  3. All utilities smaller than 12 inch diameter were left in place and are considered abandoned.
  4. Existing piles where not removed.

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5. See AMENDED AND RESTATED MEMORANDUM OF UNDERSTANDING Between The United States Department of Veterans Affairs And The City of New Orleans, Louisiana (MOU). MOU was signed by The United States Department of Veterans Affairs on 2-4-10 and by The City of New Orleans, Louisiana on 12-3-09 (18 pages).
  6. The above does not apply to the original Pan American Building property site which was purchased "as is".

PART 2 - PRODUCTS - not used.

PART 3 - EXECUTION - not used.

END OF SECTION