







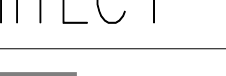


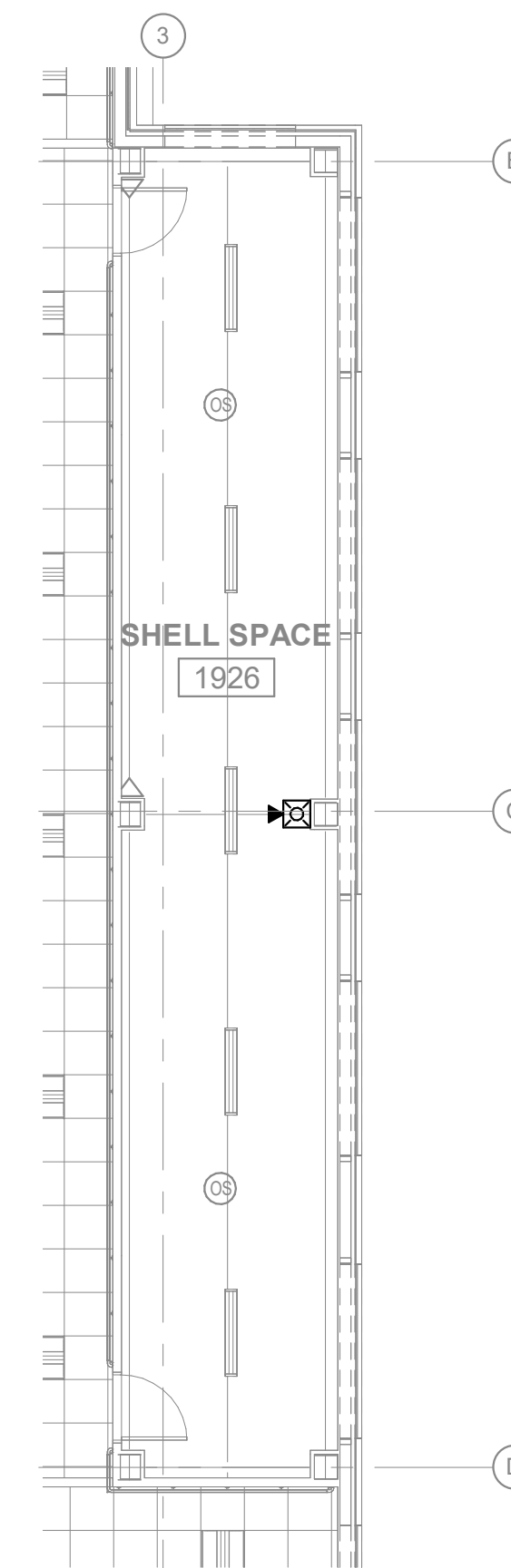
WALL RATING LEGEND	
	1 HOUR FIRE BARRIER. DOORS SHALL BE 3/4 HOUR RATED WITH AUTOMATIC CLOSING DEVICES.
 S	SMOKE BARRIER WITH A 1 HOUR FIRE RATING. DOORS SHALL BE 3/4 HOUR RATED WITH AUTOMATIC CLOSING AND SELF LATCHING DEVICES (U.N.O.).
	2 HOUR FIRE BARRIER. DOORS SHALL BE 1-1/2 HOUR RATED WITH AUTOMATIC CLOSING DEVICES.
 S	SMOKE BARRIER WITH A 2 HOUR FIRE RATING. DOORS SHALL BE 1-1/2 HOUR RATED WITH AUTOMATIC CLOSING AND SELF LATCHING DEVICES (U.N.O.)
 SP	SMOKE PARTITION. DOOR SHALL HAVE AUTOMATIC CLOSING DEVICES (U.N.O.).

- A. INSTALL ALL CONDUCTORS IN CONTINUOUS RED RACEWAY.
- B. CONCEAL ALL CONDUITS IN NEW WALLS, EXISTING STUD WALLS, OR ABOVE SUSPENDED CEILINGS.
- C. WHERE CONDUIT CANNOT BE CONCEALED IN EXISTING WALL, OR CEILING CAVITIES, INSTALL CONDUCTORS IN SURFACE METAL RACEWAYS; SURFACE CONDUIT OR METAL SURFACE RACEWAY AT ENGINEER'S DISCRETION.
- D. PAINT SURFACE CONDUIT IN FINISHED AREAS, WHEN ALLOWED, TO MATCH SURROUNDING SURFACES. COORDINATE FINISHES WITH ARCHITECT.
- E. INSTALL EXPOSED OR CONCEALED RACEWAY NEAR METAL CORRUGATED SHEET ROOF DECKING SO NEAREST OUTSIDE RACEWAY SURFACE IS NOT LESS THAN 8 INCHES FROM THE NEAREST EDGE OF THE ROOF DECKING. CEILING: RIGID METAL CONDUIT AND INTERMEDIATE METAL CONDUIT SHALL NOT BE REQUIRED TO MAINTAIN THIS CLEARANCE.
- F. PATCH, PAINT, REPAIR OR REPLACE ALL WALLS, CEILINGS, OR OTHER BUILDING ELEMENTS DISTURBED DURING INSTALLATION OF FIRE ALARM WORK.
- G. USE ROOM NUMBERS ASSIGNED BY OWNER AND NOT ROOM NUMBERS LISTED ON DRAWING FOR LABELING OF FIRE ALARM PANEL PROGRAMMING, ETC.
- H. CONNECT ALL FIRE SPRINKLER SYSTEM FLOW, TAMPER, AND SITE PIV SWITCHES TO THE FIRE ALARM SYSTEM. COORDINATE EXACT LOCATION AND QUANTITY OF DEVICES WITH FIRE PROTECTION DRAWINGS AND FIRE SPRINKLER INSTALLER.
- I. COORDINATE LOCATION OF RECESSED DEVICES, ETC. WITH FIRE RATED CEILINGS. PROVIDE ENCLOSURES TO MAINTAIN THE FIRE INTEGRITY RATING OF THE CEILING. COORDINATE EXACT LOCATIONS OF FIRE RATED CEILINGS WITH ARCHITECTURAL DRAWINGS.
- J. REVISE THE EXISTING FIRE ALARM SYSTEM. PROVIDE COMPONENTS COMPATIBLE WITH THE EXISTING ADDRESSABLE SIMPLEX GRINNELL SYSTEM.
- K. PAINT ALL FIRE ALARM JUNCTION BOXES RED OR PROVIDE PRE-FINISHED RED COLORED PORTIONS.
- L. COORDINATE AND SCHEDULE ALL NECESSARY POWER OUTAGES WITH THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH SUCH WORK SO OPERATIONS IN ADJACENT OCCUPIED PORTIONS OF THE BUILDING ARE NOT INTERRUPTED OR RESTRICTED WITHOUT PRIOR APPROVAL.


NOTICE:
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SHOP AND OTHER APPROPRIATE DRAWINGS OR AT SITE. LAY OUT AND COORDINATE ALL WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, AND CODES. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCES FOR ALL TRADES. THIS NOTICE APPLIES TO ALL FARRIS ENGINEERING PLANS.

BID DOCUMENTS

		<h2>CONSULTANTS:</h2> <div><div><div><p>TERRASITE DESIGN 1635 DEADWOOD AVENUE RAPID CITY, SOUTH DAKOTA 57702 PH: (605) 791-1736</p></div></div><div><div><p>ALBERTSON ENGINEERING, INC. 315 NORTH MAIN AVENUE, SUITE 200 SIOUX FALLS, SOUTH DAKOTA 57104 PH: (605) 274-0880</p></div></div><div><div><p>FARRIS ENGINEERING 12700 WEST DODGE ROAD OMAHA, NEBRASKA 68154 PH: (402) 330-5900</p></div></div></div>		 <p>11/23/2020</p>		<h2>ARCHITECT</h2> <div><div><p>FOURFRONT DESIGN, INC. 517 7TH STREET RAPID CITY, SOUTH DAKOTA 57701 PH: (605) 342-9470 FAX: (605) 342-2377 WWW.FOURFRONTDESIGN.COM</p></div></div> <p>16.2330.A08</p>		<div><p>Drawing Title</p><p>FIRE ALARM GENERAL NOTES & SYMBOLS</p></div> <div><p>Approved: Project Director</p><p>Omaha VA Medical Center</p></div> <p>16.2330.A08</p>		<div><p>Project Title</p><p>Design/Construct Sterile Processing Service- Omaha VA Medical Center</p></div> <div><p>Location</p><p>4101 Woolworth Ave #4199 Omaha, Ne 68105</p></div> <div><p>Date</p><p>11/23/2020</p></div> <div><p>Checked</p><p>DGK</p></div> <div><p>Drawn</p><p>SCt</p></div>		<div><p>Project Number</p><p>16.2330.A08</p></div> <div><p>Building Number</p><p>25</p></div> <div><p>Drawing Number</p><p>FA-000</p><p>Dwg. 187 of 193</p></div>		<div><p>Office of Construction and Facilities Management</p></div> <div><p>Department of Veterans Affairs</p></div>	
COMPLIANCE REVIEW INCLUDED		2/23/2024													
Revisions:		Date													

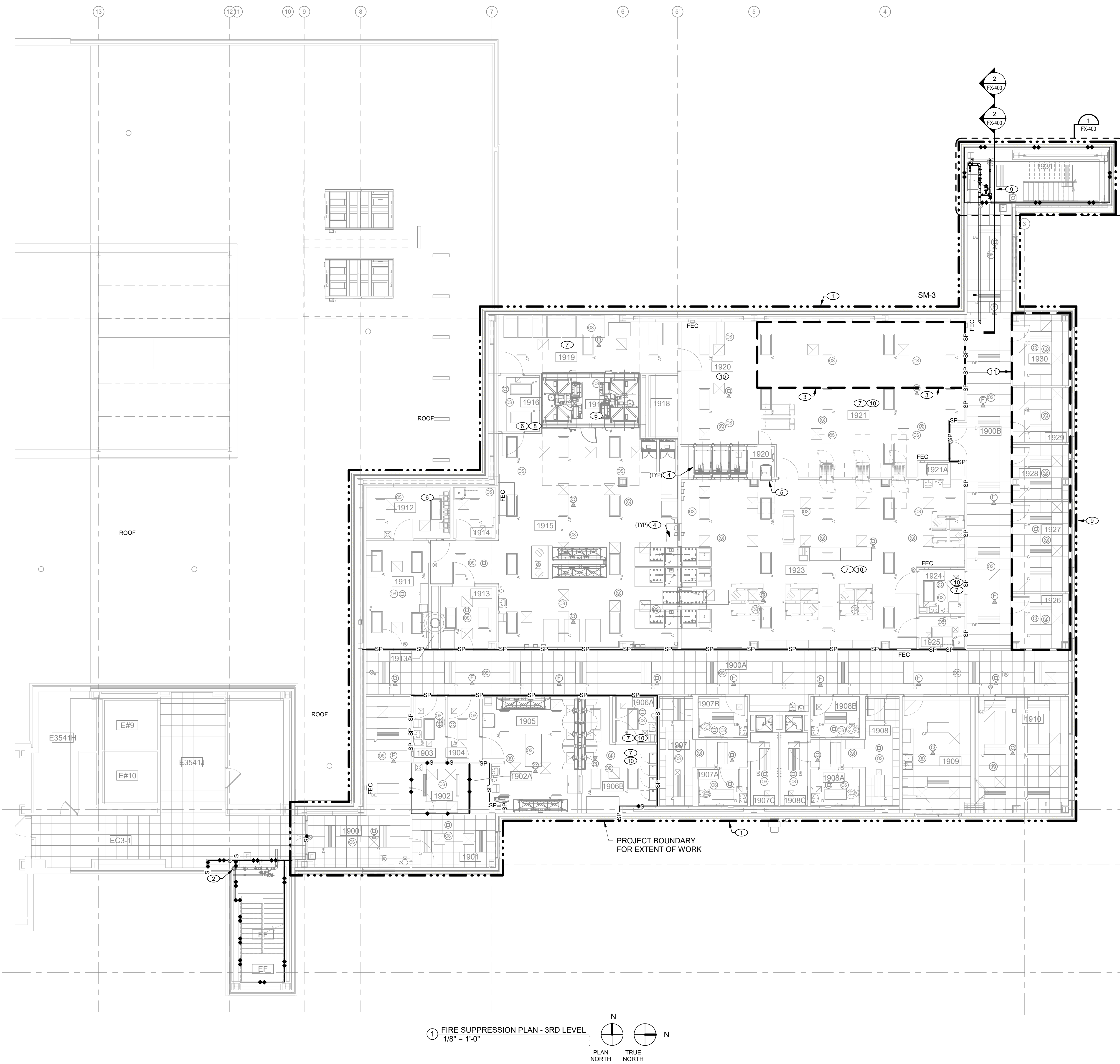


ROOM SCHEDULE THIRD LEVEL	
ROOM NUMBER	ROOM NAME
1900	CORRIDOR
1900A	CORRIDOR
1900B	CORRIDOR
1901	OPEN SPACE
1902	IT
1902A	MECH CHASE
1903	ANTEROOM, SOILED TRANSITION / DROP-OFF
1904	SCOPE DROP OFF
1905	SCOPE PROC
1906A	SCOPE ANTE
1906B	SCOPE STG
1907	WOMEN'S LOCKER
1907A	WOMEN'S RR
1907B	WOMEN'S RR
1907C	WOMEN'S SHOWER
1908	MEN'S LOCKER
1908A	MEN'S RR
1908B	MEN'S RR
1908C	MEN'S SHOWER
1909	BREAK ROOM
1910	OPEN OFFICE TRAINING
1911	ANTE VENDOR DROP OFF
1912	H2O
1913	CART PASS
1913A	MECH CHASE
1914	HAC
1915	DECON
1916	MANUAL CART WASH
1917	AUTOMATIC CART WASH AREA
1918	MECH CHASE
1919	CART DRY
1920	STERILIZATION
1921	STERILE STG
1921A	MECH CHASE
1923	PREP ASSEMBLY
1924	ANTE
1925	HAC
1926	CONFERENCE
1927	OPEN OFFICE
1928	OFFICE
1929	OFFICE
1930	COPIER ROOM
1931	STAIRS
1932	CORRIDOR

		<div>CONSULTANTS:</div> <div><div><div>TERRASITE DESIGN 1635 DEADWOOD AVENUE RAPID CITY, SOUTH DAKOTA 57702 PH: (605) 791-1736</div></div><div><div>ALBERTSON ENGINEERING, INC. 315 NORTH MAIN AVENUE, SUITE 200 SIOUX FALLS, SOUTH DAKOTA 57104 PH: (605) 274-0880</div></div><div><div>FARRIS ENGINEERING 12700 WEST DODGE ROAD OMAHA, NEBRASKA 68154 PH: (402) 330-5900</div></div></div>			<div><p>11/23/2020</p></div>		<div>ARCHITECT</div> <div><div><div>FOURFRONT DESIGN, INC. 517 7TH STREET RAPID CITY, SOUTH DAKOTA 57701 PH: (605) 342-9470 FAX: (605) 342-2377 WWW.FOURFRONTDESIGN.COM</div></div></div> <div>16.2330.A08</div>			<div><div><div>Drawing Title</div><div>FIRE ALARM PLAN - 3RD LEVEL</div><div>Approved: Project Director</div><div>Omaha VA Medical Center</div></div><div><div>Project Number</div><div>16.2330.A08</div><div>Building Number</div><div>25</div><div>Drawing Number</div><div>FA-101</div><div>Dwg. 189 of 193</div></div><div><div>Location</div><div>4101 Woolworth Ave #4199 Omaha, Ne 68105</div><div>Date</div><div>11/23/2020</div><div>Checked</div><div>EMN</div><div>Drawn</div><div>SCT</div></div></div>			<div><div>Office of Construction and Facilities Management</div><div>Department of Veterans Affairs</div></div>	
COMPLIANCE REVIEW INCLUDED		2/23/2024												
Revisions:		Date												

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KEYNOTES

1	BOUNDARY LINE IDENTIFIES EXTENT OF NEW BUILDING ADDITION. PROVIDE A NEW SPRINKLER LAYOUT PLAN PER PROJECT SPECIFICATIONS. SPRINKLER LAYOUTS TO BE SERVED BY EXTENDING THE EXISTING STANDPIPE RISER FROM THE FIRST FLOOR UP TO THIS LEVEL AND PROVIDING A ZONE CONTROL ASSEMBLY AS SHOWN ON SHEET F-400
2	EXISTING COMBINATION STANDPIPE AND SPRINKLER RISER TO REMAIN AND SHALL NOT BE EXTENDED TO NEW ADDITION SPACE. SPRINKLER ZONE CONTROL VALVE SERVES THIRD FLOOR SPACES ADJACENT TO PLANNED ADDITION
3	ROLLING STORAGE SHELVING SPRINKLERS SERVING THIS AREA SHALL HAVE A MAXIMUM AREA PER SPRINKLER OF 100 SQUARE FEET TO ALLOW FOR ROLL STORAGE SHELVING
4	PROVIDE HIGH TEMPERATURE RATED SPRINKLERS NEAR STEAM PRODUCING EQUIPMENT IN ACCORDANCE WITH NFPA 13 DESIGN GUIDELINES. THIS APPLIES TO THE ROOM WHERE THE EQUIPMENT IS LOCATED AND THE ROOM WHERE THE DOORS OPEN TO ACCESS ITEMS BEING STERILIZED.
5	PROVIDE HIGH TEMPERATURE RATED SPRINKLERS NEAR STEAM PRODUCING EQUIPMENT IN ACCORDANCE WITH NFPA 13 DESIGN GUIDELINES.
6	STEAM EQUIPMENT USED IN ROOM. ROOM SHALL BE PROTECTED WITH HIGH TEMPERATURE RATED SPRINKLERS
7	CLEAN ROOM SHALL HAVE CONCEALED QUICK RESPONSE TYPE SPRINKLERS. SPRINKLERS SHALL BE UL LISTED QUICK RESPONSE AND FM APPROVED STANDARD RESPONSE.
8	PROVIDE CORROSION RESISTANT LAYOUT FOR THIS AREA.
9	ENTIRE FLOOR PROTECT AREA SHALL BE SERVED AS A SINGLE ZONE OF SPRINKLER THAT SHALL CORRESPOND WITH THE SINGLE SCOPE ZONE. PROVIDE ZONE CONTROL VALVE ASSEMBLY PER DETAIL 3 ON SHEET F-400 PRIOR TO SERVING THIS ENTIRE FLOOR ADDITION OF ZONE OF SPRINKLERS.
10	POSITIVE PRESSURE DESIGNED CLEAN ROOM SHALL BE SERVED WITH CONCEALED STYLE SPRINKLERS WITH FACTORY WHITE FINISH. SPRINKLERS SHALL BE UL LISTED QUICK RESPONSE AND FM APPROVED FOR STANDARD RESPONSE.
11	AS PART OF ALTERNATE DEDUCT DED B4, ALTERNATE BOLD DASHED LINE SHALL BE SHOWN TO INDICATE THE LOCATION OF SPRINKLING SEE FIRE SUPPRESSION - 3RD LEVEL. ALTERNATE BOLD #41 PLAN ON THIS SHEET FOR DESIGN REQUIREMENTS.
12	AS PART OF ALTERNATE DEDUCT B4, ALTERNATE BOLD #41 SHALL BE DESIGNED FOR ORDINARY HAZARDOUS WASTE TREATMENT WITH A DESIGN DENSITY OF 0.20 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET. COORDINATE LAYOUT WITH EXPOSED HVAC DUCTWORK AND

WALL RATING LEGEND

- | | |
|-------|--|
| —◆— | 1 HOUR FIRE BARRIER. DOORS SHALL BE 3/4 HOUR RATED WITH AUTOMATIC CLOSING DEVICES. |
| —◆S— | SMOKE BARRIER WITH A 1 HOUR FIRE RATING. DOORS SHALL BE 3/4 HOUR RATED WITH AUTOMATIC CLOSING AND SELF LATCHING DEVICES (U.N.O.) |
| —◆◆— | 2 HOUR FIRE BARRIER. DOORS SHALL BE 1-1/2 HOUR RATED WITH AUTOMATIC CLOSING DEVICES. |
| —◆◆S— | SMOKE BARRIER WITH A 2 HOUR FIRE RATING. DOORS SHALL BE 1-1/2 HOUR RATED WITH AUTOMATIC CLOSING AND SELF LATCHING DEVICES (U.N.O.) |
| —SP— | SMOKE PARTITION. DOOR SHALL HAVE AUTOMATIC CLOSING DEVICES (U.N.O.). |

FULL REFLECTED CEILING PLAN PROVIDED THAT INCLUDES ALL LIGHTS, HVAC DEVICES, SENSORS, SPEAKERS AND FIRE ALARM DEVICES TO AID IN DEVELOPING FIRE SPRINKLER LAYOUT PLAN. SEE SHEET G-101 FOR SYMBOLS LEGEND.

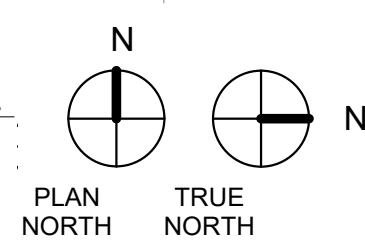
SEE SHEET FX-000 FOR GENERAL FIRE SUPPRESSION AND FIRE SUPPRESSION DEMOLITION NOTES FOR ADDITIONAL INFORMATION.

ENTIRE ADDITION SPACE SHALL BE DESIGNED FOR A LIGHT HAZARD OCCUPANCY WITH A DESIGN DENSITY OF 0.10 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET UNLESS OTHERWISE NOTED IN THE PROJECT SPECIFICATIONS.

ROOM SCHEDULE THIRD LEVEL	
ROOM NUMBER	ROOM NAME
1900	CORRIDOR
1900A	CORRIDOR
1900B	CORRIDOR
1901	OPEN SPACE
1902	IT
1902A	MECH. CHASE
1903	ANTEROOM, SOILED TRANSITION / DROP-OFF
1904	SCOPE DROP OFF
1905	SCOPE PROC
1906A	SCOPE ANTE
1906B	SCOPE STG
1907	WOMEN'S LOCKER
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1907B	WOMEN'S RR
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1908	MEN'S LOCKER
1908A	MEN'S RR
1908B	MEN'S RR
1908C	MEN'S SHOWER
1909	BREAK ROOM
1910	OPEN OFFICE/TRAINING
1911	ANTE VENDOR DROP OFF
1912	H2O
1913	CART PASS
1913A	MECH. CHASE
1914	HAC
1915	DECON
1916	MANUAL CART WASH
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1918	MECH CHASE
1919	CART DRY
1920	STERILIZATION
1921	STERILE STG
1921A	MECH. CHASE
1923	PREP ASSEMBLY
1924	ANTE
1925	HAC
1926	CONFERENCE
1927	OPEN OFFICE
1928	OFFICE
1929	OFFICE
1930	COPPER ROOM
1931	STAIRS
1932	CORRIDOR

② FIRE SUPPRESSION PLAN -
THIRD LEVEL - ALTERNATE BID #4
1/8" = 1'-0"

① FIRE SUPPRESSION PLAN - 3RD LEVEL
1/8" = 1'-0"



11/23/2020

ARCHITECT



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16.2330.A08

	Drawing Title
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FIRE SUPPRESSION PLAN - 3RD LEVEL

Approved: Project Director

Omaha VA Medical Center

	Project Title
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Design/Construct Sterile
Processing Service- Omaha VA
Medical Center

Location	4101 Woolworth Ave #4199 Omaha, Ne 68105
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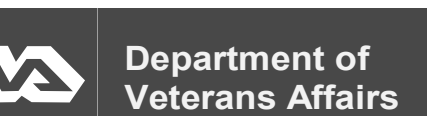
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Office of
Construction
and Facilities
Management

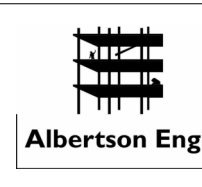


BID DOCUMENTS

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COMPLIANCE REVIEW INCLUDED

2/23/2024

Revisions:

VA FORM 08-6231

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