

THE GALANTE ARCHITECTURE STUDIO

PUBLIC SAFETY SPECIALISTS



ARCHITECTURAL SERVICES
SALEM PUBLIC SAFETY

The Galante Architecture Studio
146 Mount Auburn Street
Cambridge, MA 02138

P: (617) 576-2500
galantearchitecture.com



TGAS YOUR TEAM

TGAS Staff





TOWN OF SALEM

TOWN OF SALEM TOWN ADMINISTRATION TOWN OF SALEM PUBLIC SAFETY DEPARTMENT

THE **GALANTE** ARCHITECTURE STUDIO

Architecture	Lighting Design
Graphics/Wayfinding	Furniture Fixtures + Equipment
Site Planning	MAAB Accessibility
Permitting Process	Construction Administration

CES CONSULTING, INC.

Mechanical Engineering (HVAC)
Electrical/Lighting
Plumbing Engineering
Fire Protection Engineering
Energy Evaluation

PROMISED LAND SURVEY

Property Boundary
Topography
Wetland Delineation

BT EMERSON ARCHITECT LLC

Specifications Consultant

TALEVI & HAESCHE, LLC.

Cost Estimating

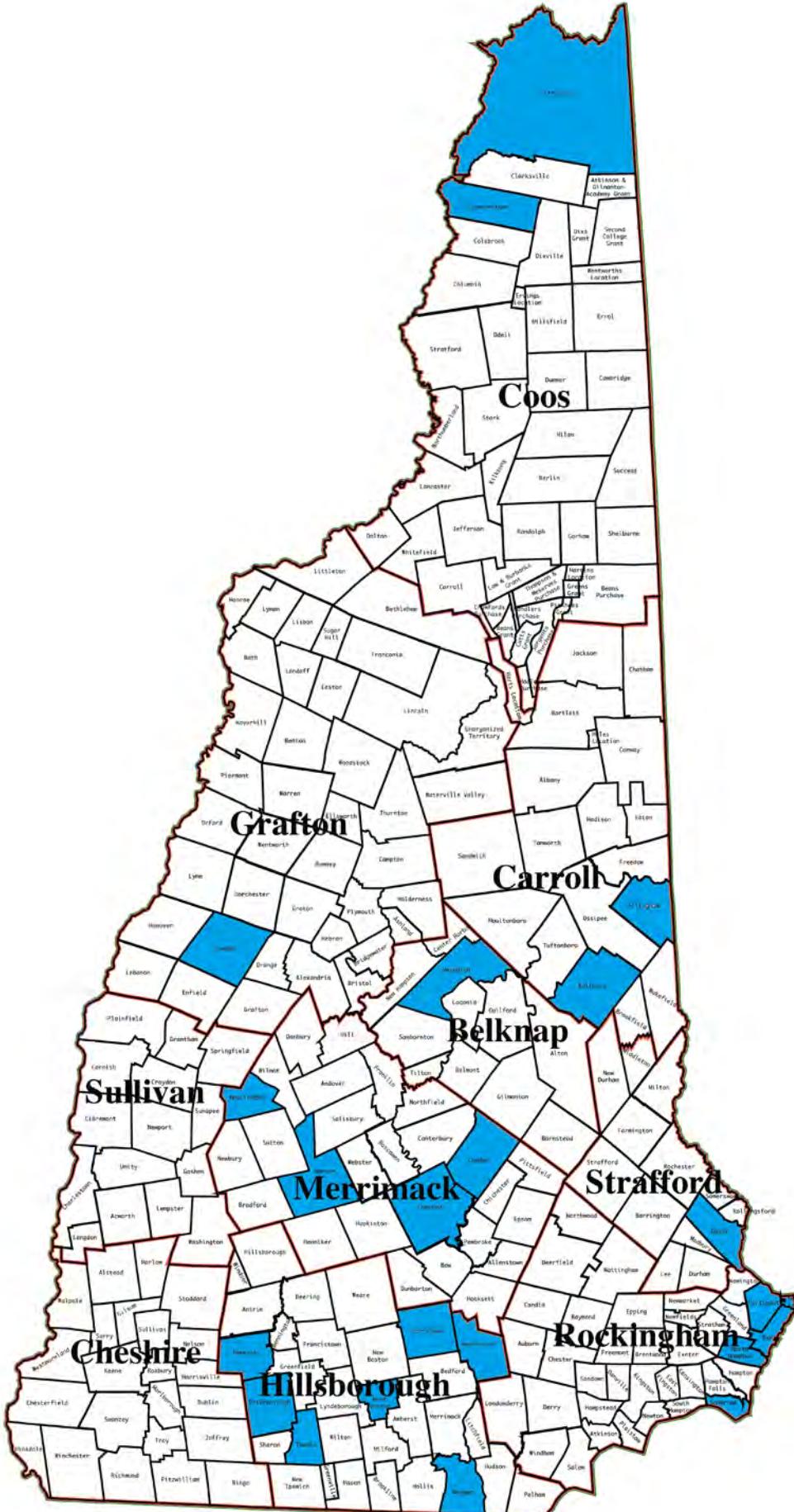
GALE ASSOCIATES

Civil/Site Engineering
Structural Engineering
Environmental Permitting
Building Enclosure Services



TGAS **YOUR TEAM**





TGAS

THE **GALANTE** ARCHITECTURE STUDIO



GALE

TGAS TEAM HISTORY



About CES

Established in 1994

Team based engineering firm

Project office in Concord, NH

160 Employees (inclusive of CT, FL, NY, MA, MT, TX)

**Mechanical, Electrical, Plumbing,
Fire Protection, Technology, Commissioning,
+ Sustainable Design Services**





SPECIALISTS:

Public Safety Design

TGAS



PUBLIC SAFETY EXPERTS

Northbridge Fire Department

New Construction

New Bedford Police, Fire, + EMS

Feasibility Study + New Construction

Harvard Police Department Training

Full Design Services

Boston Emergency Medical Services

Feasibility Study + Full Design Services

Davenport IA FD Headquarters

New Facility + Major Renovation

Belmont Police Station

Renovation + Expansion

Chelsea Engine Company 3

Historic Renovation

Harvard Police Training

New Construction

FDNY Engine Company 235

Historic Renovation

FDNY Engine Company 217

Historic Renovation

Orleans Fire Department

Feasibility Study & Report

Dennis Fire Department

Feasibility Study + New Construction

Barre Fire Department

Feasibility Study

FDNY EC 63

Major Gut Renovation + Expansion

Boston EC 51

Historic Restoration + Renovation

Cambridge Fire Department Headquarters

Major Gut Renovation

Boston Fire Headquarters

Major Gut Renovation

Brookline Fire Department Training

New Facility

Tewksbury Fire & Police Department e911

New Facility

Onset Fire Department

New Facility



Public Safety Experience

Cambridge Fire Headquarters (LEED/NZE)

Charlton Public Safety Building

Dennis Fire Station

East Side Fire Station

Fairfield Police Headquarters

Hayden Fire Station

Ipswich Public Safety

Lexington Police & Fire Stations (LEED/NFF)

Monson Police Station

New Bedford Public Safety Building

New Britain Police Station

NM Regional 911 Center (Tewksbury)

North Attleboro Police (HVAC)

Northbridge Fire

North Brookfield Fire Station

North Haven Fire Station

Northampton Police Station (LEED)

Norwood Public Safety (HVAC only)

Onset Fire Station

Shrewsbury Police Station (LEED)

Sudbury Police Station

Sutton Police Station

Townsend Fire Sub-station

Westfield Police & Fire Station

Wilbraham Police Station

UMASS Amherst Police (LEED)



Belmont Police Department

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Belmont Police Department





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Belmont Police Department





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Belmont Police Department



New Bedford Public Safety

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New Bedford South Public Safety Center



SDA
Station Design Awards





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New Bedford South Public Safety Center





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New Bedford South Public Safety Center



SDA
Station Design Awards





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New Bedford South Public Safety Center



SDA
Station Design Awards



Davenport Fire Headquarters

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Davenport Fire Station Headquarters



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Station Design Awards





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Davenport Fire Station Headquarters



SDA
Station Design Awards



Dennis Fire Station

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Dennis Fire Station





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Dennis Fire Station



Ipswich Public Safety Facility

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Project Number
Project Title
Ipswich Public Safety Building
4 Pineswamp Rd, Ipswich, MA 01938

samiotes

Samiotes Consultants Inc.
Civil Engineers + Land Surveyors
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Framingham, MA 01701
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F 508.877.8349
www.samiotes.com

Drawing Title
LANDSCAPE PLAN

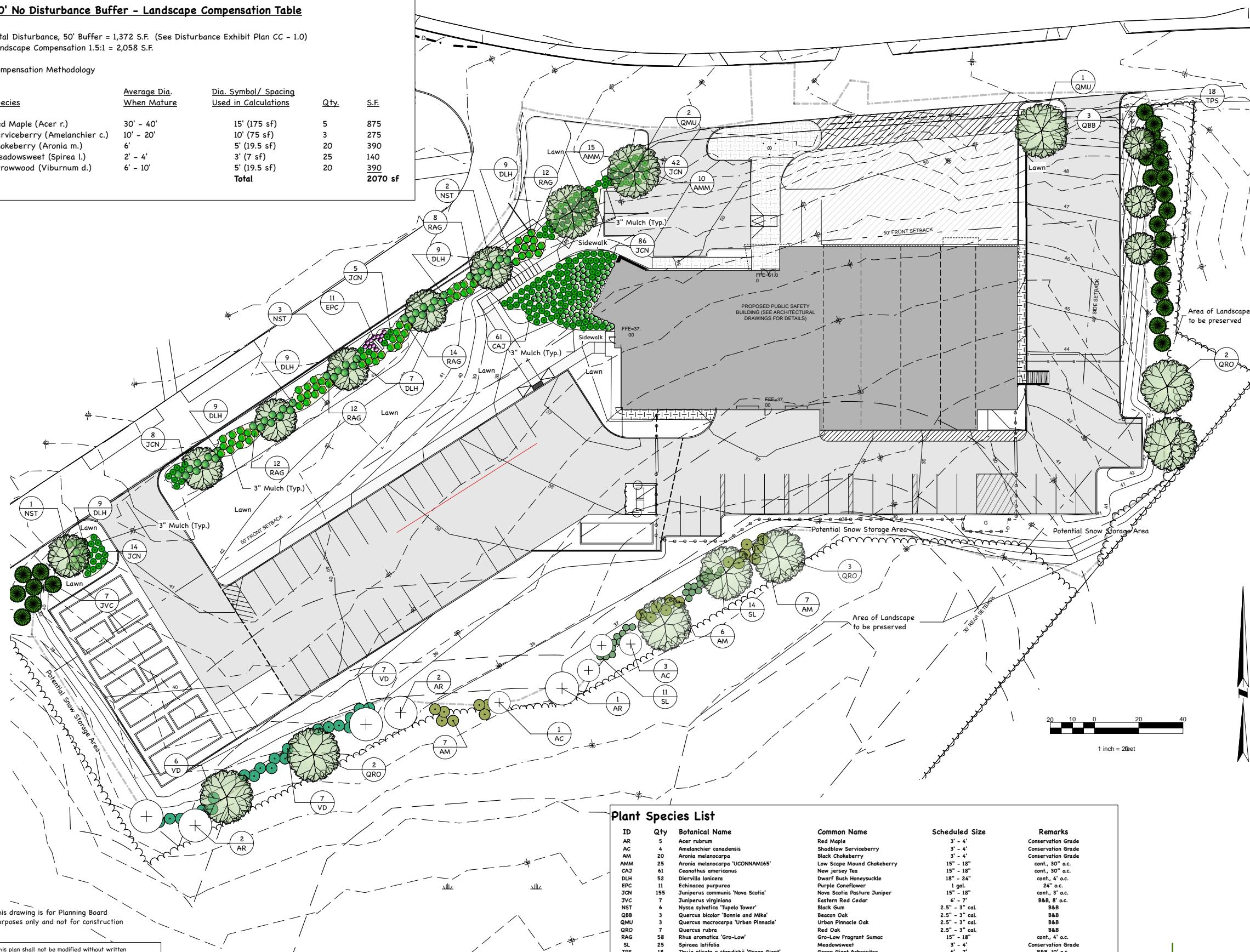
Date/Issued For
04.05.23
DESIGN DEVELOPMENT

Scale
1"=20'

Drawn By
DJS
Drawing Number
L-1.0

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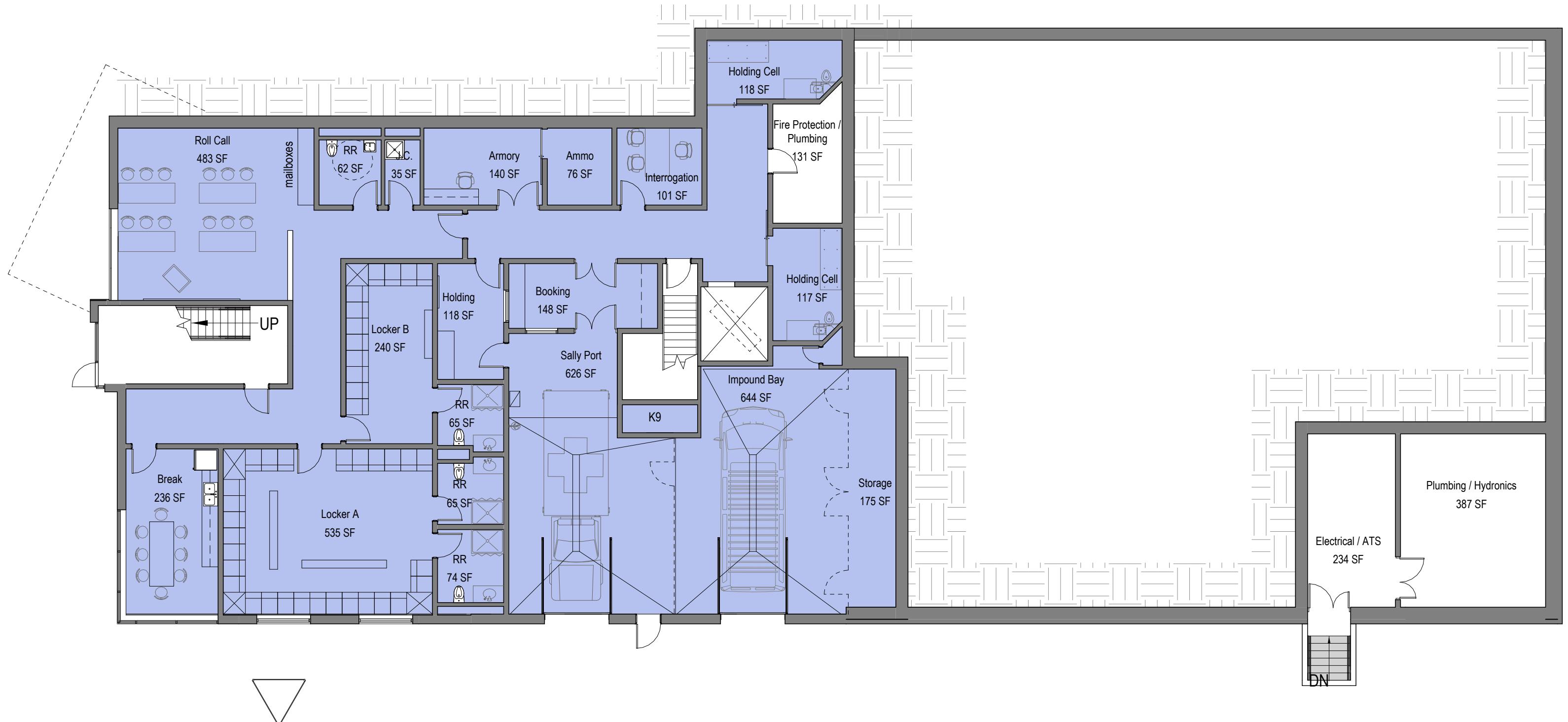
50' No Disturbance Buffer - Landscape Compensation Table				
Total Disturbance, 50' Buffer = 1,372 S.F. (See Disturbance Exhibit Plan CC - 1.0) Landscape Compensation 1.5:1 = 2,058 S.F.				
Compensation Methodology				
Species	Average Dia. When Mature	Dia. Symbol/ Spacing Used in Calculations	Qty.	S.F.
Red Maple (Acer r.)	30' - 40'	15' (175 sf)	5	875
Serviceberry (Amelanchier c.)	10' - 20'	10' (75 sf)	3	275
Chokeberry (Aronia m.)	6'	5' (19.5 sf)	20	390
Meadowsweet (Spirea l.)	2' - 4'	3' (7 sf)	25	140
Arrowwood (Viburnum d.)	6' - 10'	5' (19.5 sf)	20	390
		Total		2070 sf



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Ipswich Public Safety Facility





TOTAL 26,376 sf 2/22

6,361 sf

N
Ground Floor
1/16" = 1'-0"

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Ipswich Public Safety Facility

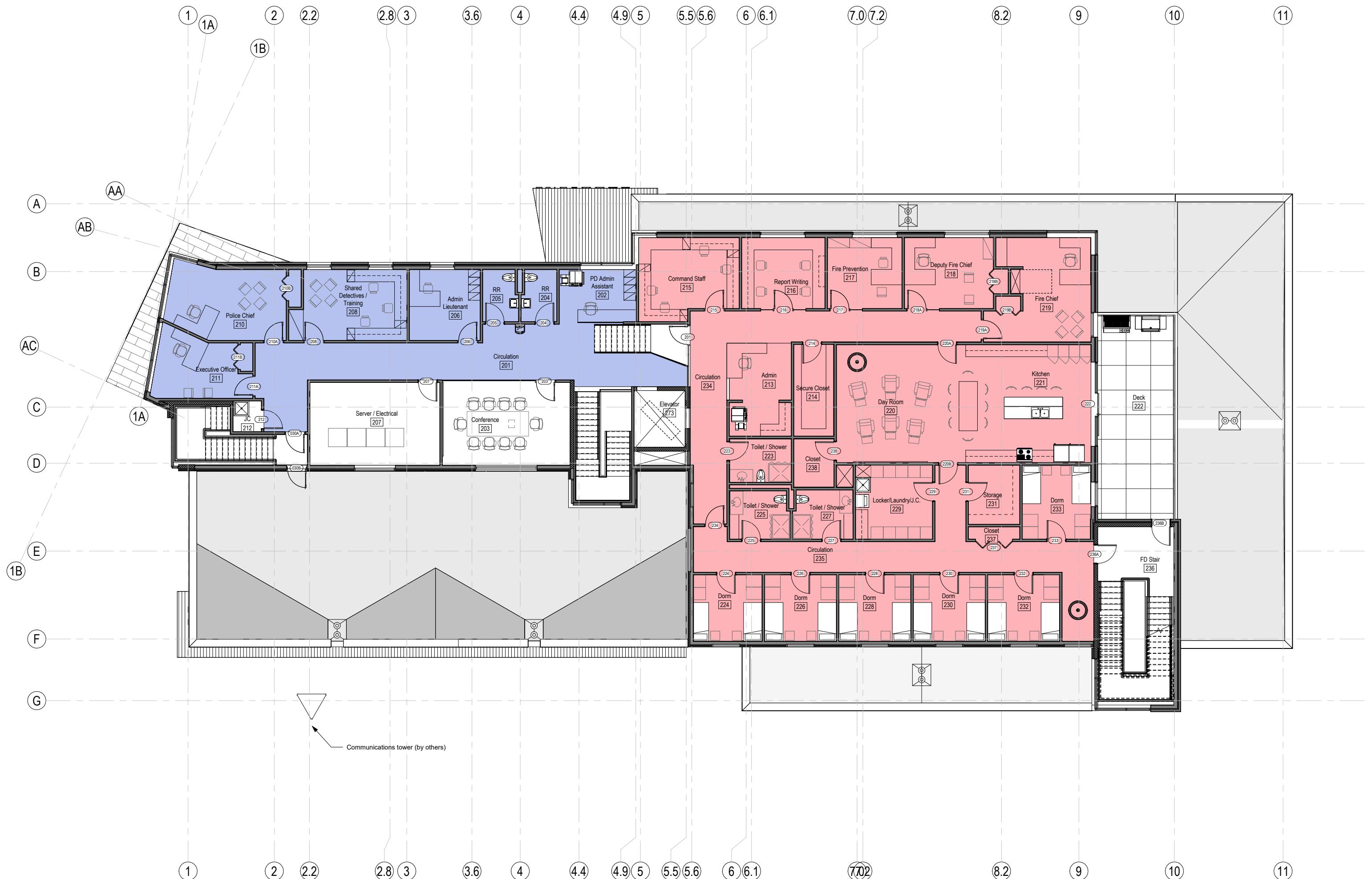




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Ipswich Public Safety Facility





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Ipswich Public Safety Facility





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Ipswich Public Safety Facility



Boston EMS

TGAS



BOSTON EMS

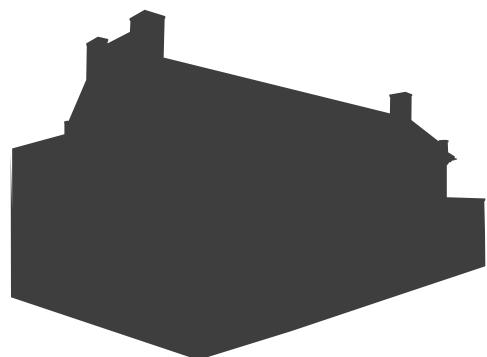


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Boston EMS

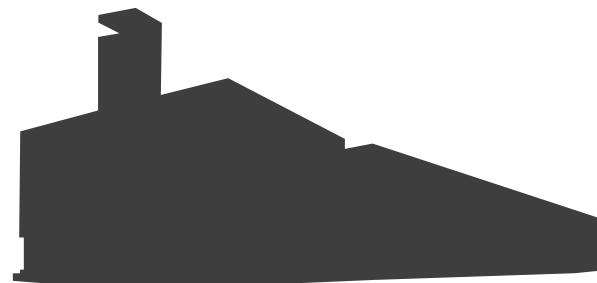


Belmont Police Department



EST \$7,500,000
BID \$7,300,000

New Bedford Police + Fire



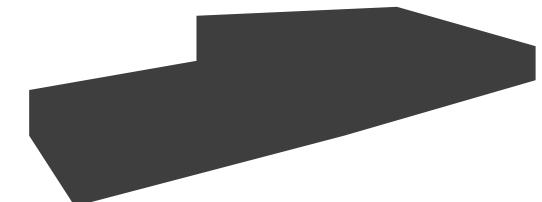
EST \$13,900,000
BID \$12,900,000

Brookline Maintenance + Training



EST \$4,500,000
BID \$4,300,000

Onset Fire Headquarters



EST \$6,100,000
BID \$5,700,000

Boston EMS



EST \$4,200,000
BID \$4,000,000

Davenport Fire Department HQ



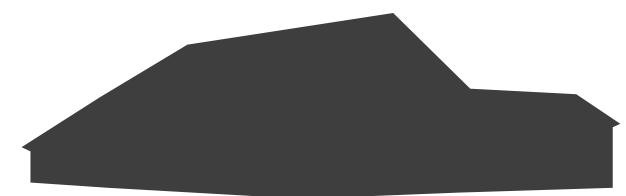
EST \$12,000,000
BID \$11,200,000

FDNY EC63



EST \$7,500,000
BID \$5,500,000

Dennis Fire Department



EST \$13,900,000
BID \$13,200,000

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Consistently Under Budget





SPECIALISTS:
National Experts

TGAS





NATIONAL EXPERTS
TGAS Fire Station Conference



Healthy Buildings, Healthy Firefighters: Reducing Carcinogen Exposure at Fire Stations

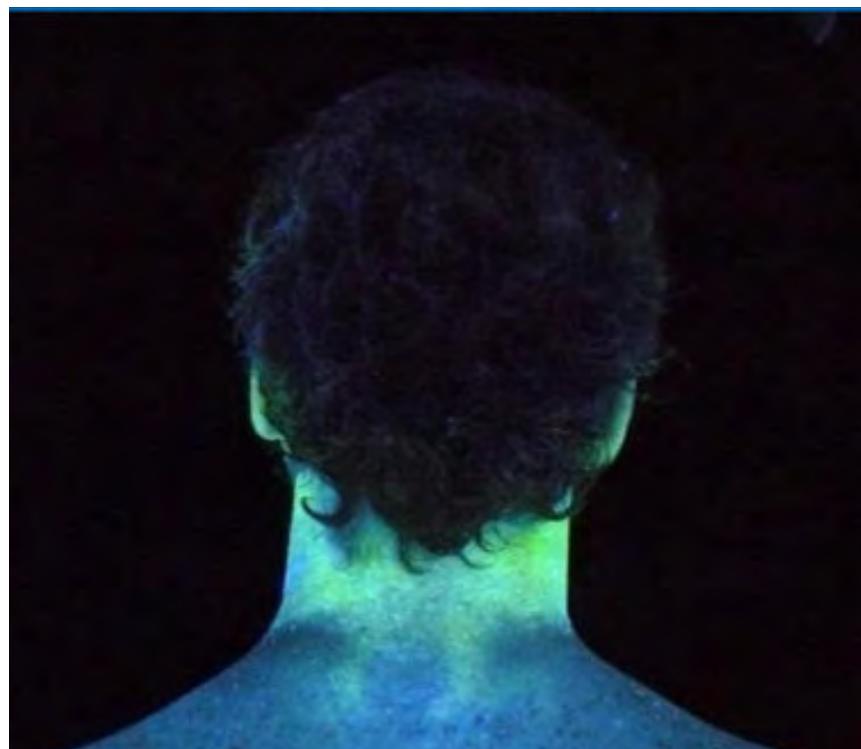
**Emily H. Sparer, ScD
Theodore Galante, AIA**

Fire Chiefs Association of Massachusetts:
Professional Development Conference

TGAS

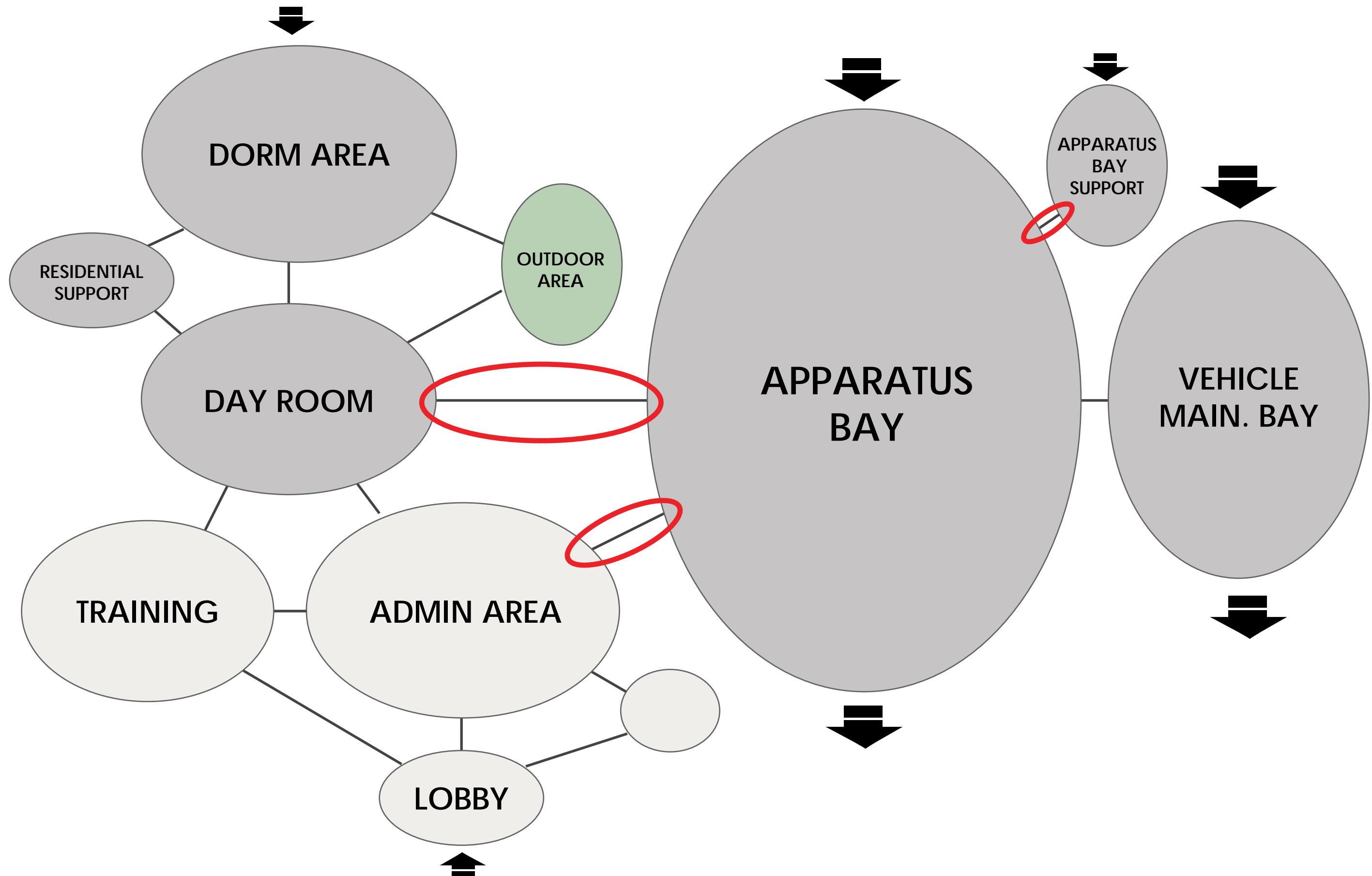
FCAM Presentation

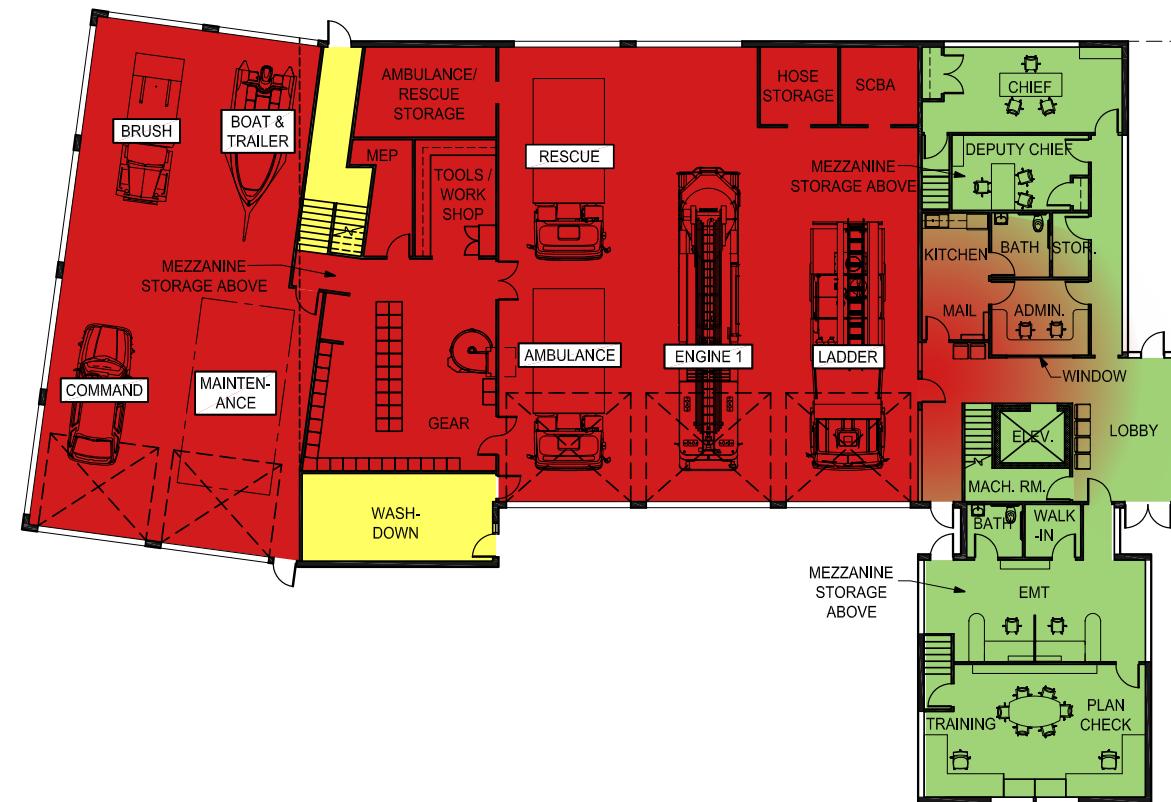




TGAS NATIONAL EXPERTS
Limiting Carcinogen Transfer

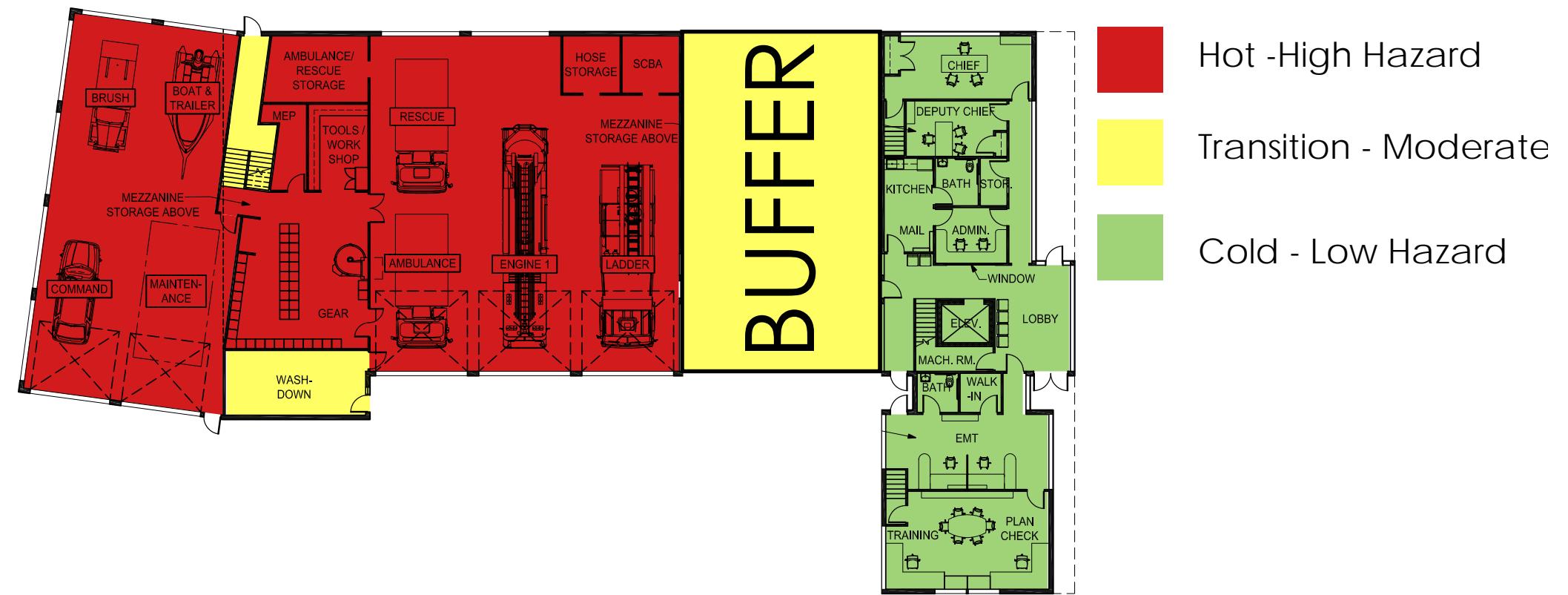






█ Hot -High Hazard
█ Transition - Moderate
█ Cold - Low Hazard





SPECIALISTS:

Energy Efficient Design Approach

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Sustainable Strategies



NetZero



Geothermal



Passive House



Chilled Beams



Radiant Heat



TGAS





TGAS ENERGY EFFICIENCY
Photovoltaic Panels - 2000





NET ZERO ENERGY EFFICIENCY

New England's First Net Zero and LEED Platinum Home



Consulting Engineering Services

Middletown CT



49,000w

Roof mounted, tracker, carport, ground mounted

Scope
Solar / EV Charging

Size
49,000 W

Completion
2020

Sustainable Details
Solar Photovoltaics
Solar Hot Water
(4) Level 2 Electrical
Vehicle Chargers

Practicing What We Preach

CES demonstrates our devotion to energy conservation measures and renewable energy choices with an array of solar energy panels at our Headquarters location in Middletown.

In 2009, CES successfully completed a new 14kW rooftop PV system with a dual axis solar tracker. The tracker and rooftop system consists of 76 solar panels that are generating approximately 16,000 kWhr of power a year. One of the rooftop panels is dedicated to a solar hot water system with drain back tank. This system makes enough hot water to support 50% - 75% of the building's needs. CES was able to complete this project through the help of grants received from the Connecticut Clean Energy Fund.

In 2013, two arrays totalling 35kW were added in the parking lot and south facade of the Middletown office. And lastly, in 2020 CES added 250W of solar in the form of a canopy atop an outdoor patio.

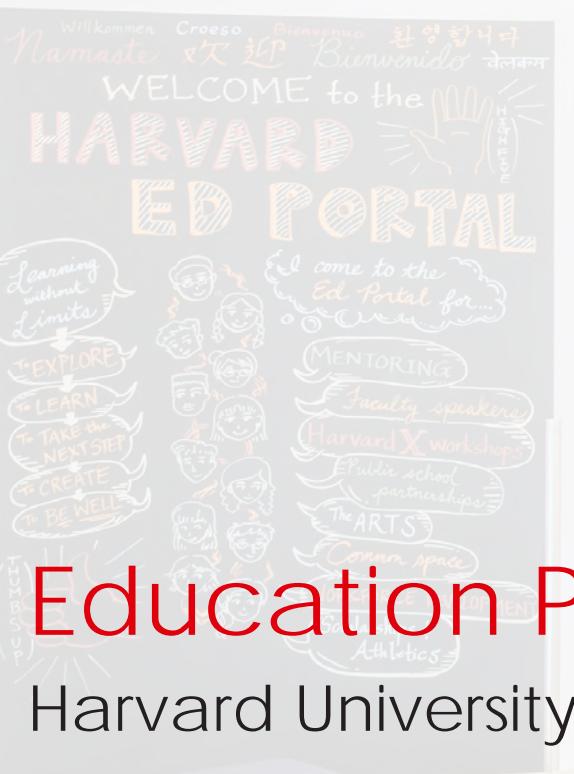




Central Fire Station

City of Davenport, IA





Education Portal

Harvard University



Quality Assurance + Quality Control



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TGAS HYPEREUS

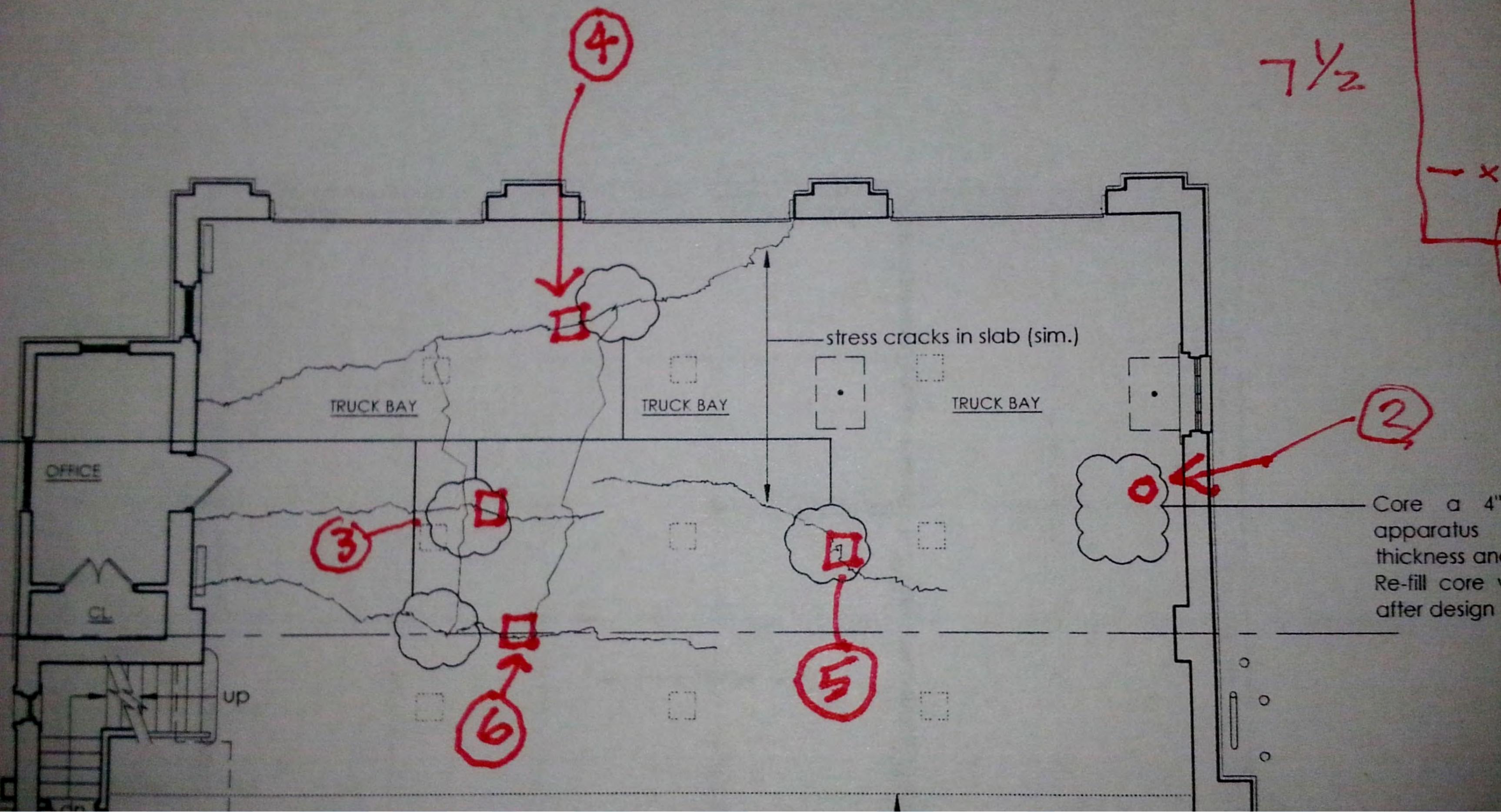
Community Engagement



TGAS SUPERIOR QA+QC

Exploratory Demolition



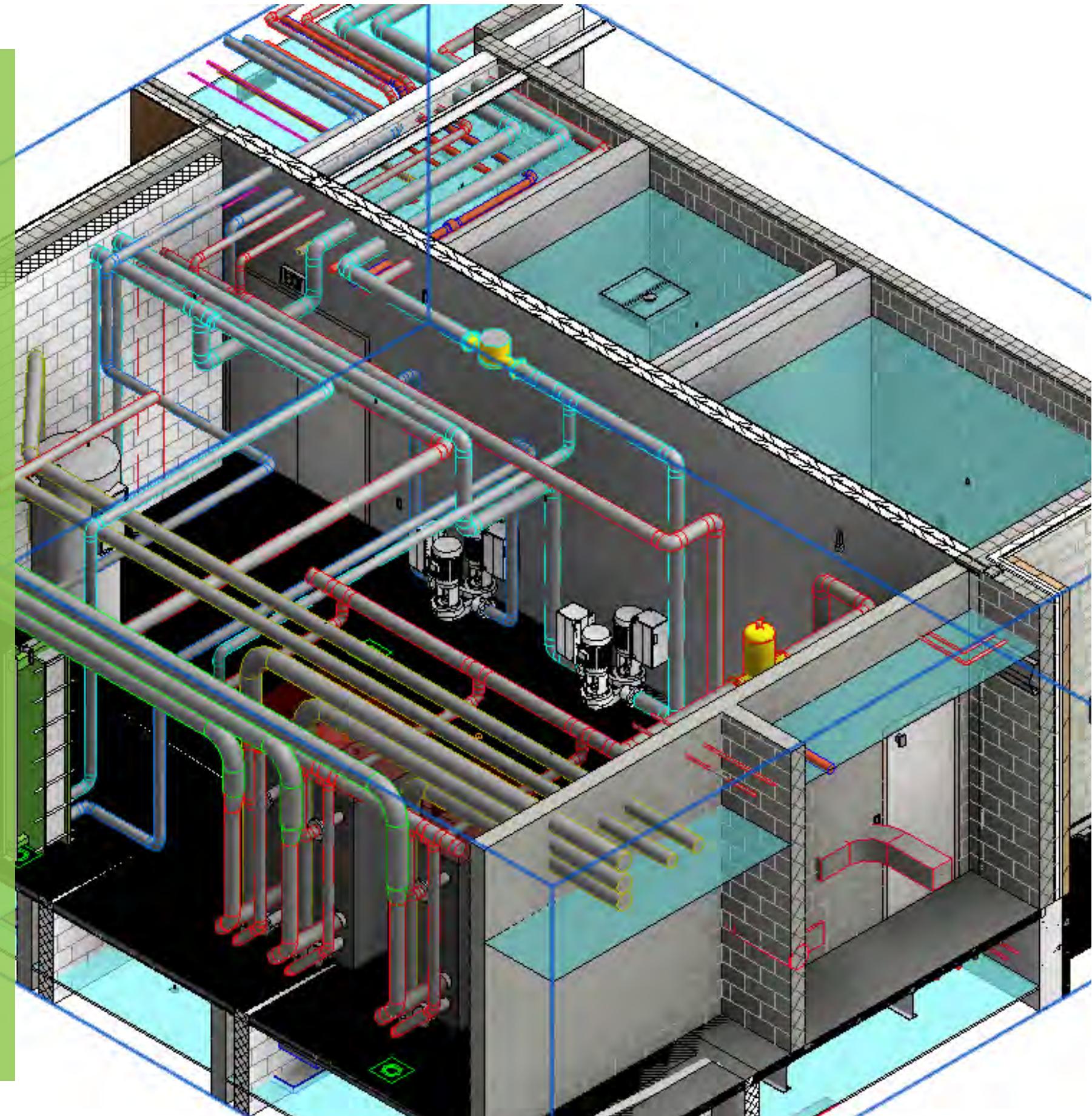


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Exploratory Demolition

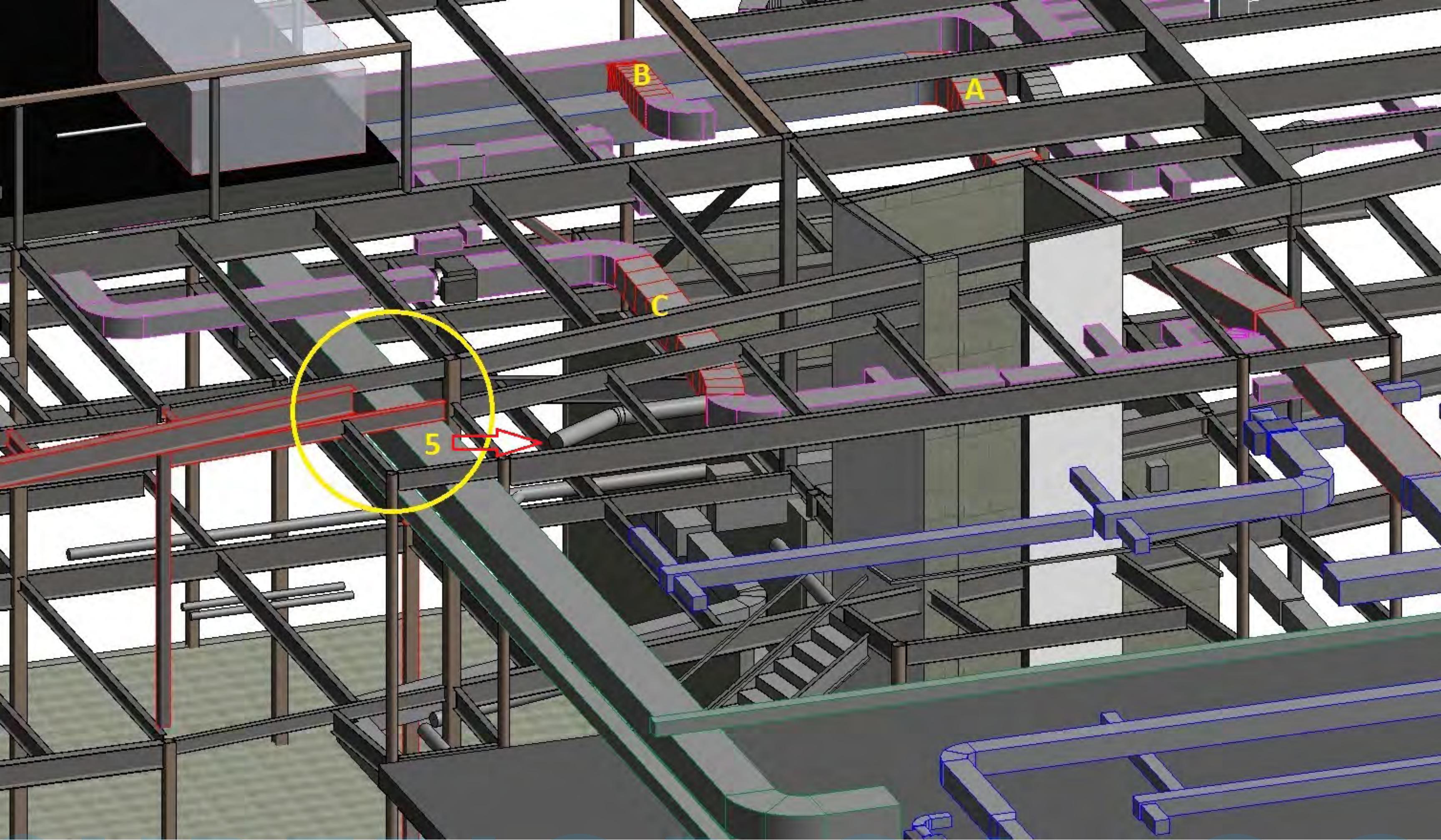


Coordination + Communication BUILDING INFORMATION MODELING



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TGAS SUPERIOR QA+QC

BIM Model



TGAS +

