

FOR PUBLIC REVIEW



**HAMDEN MEMORIAL TOWN HALL / POLICE HEADQUARTERS**

**TOWN OF HAMDEN  
CONNECTICUT**

**SCHEMATIC DESIGN SUBMITTAL**

**APRIL 17, 2008**

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BIANCA GIOLITTO | WESTON ARCHITECTS LLC



# TOWN OF HAMDEN

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**REPORT**

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**TABLE OF CONTENTS**

NARRATIVE

PROGRAM SQUARE FOOTAGE

SCHEMATIC OUTLINE SPECIFICATIONS

SCHEMATIC DESIGN DRAWINGS LIST

REFERENCE DOCUMENTS

- Connecticut Culture and Tourism Submittal (Elevator for Atrium & Cornice Repair)
- Report on Geotechnical Engineering Investigation

## NARRATIVE

### PROJECT SCOPE

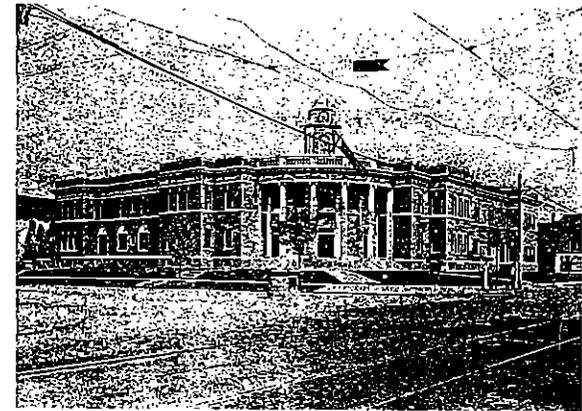
The Town of Hamden has commissioned Bianco Giolitto Weston Architects LLC for the schematic design of a multi-use municipal project for the Town of Hamden. We are pleased to submit the following Schematic Design Manual and attachments for your use. The project scope includes renovation of the historic rotunda and auditorium, spaces for the Hamden Legislative Council and other town uses, upgrading of the integral station by the Hamden Fire Department, alteration and upgrading of the Office of Emergency Management, and the addition of a new headquarters for the Hamden Police Department.

One of the project's primary objectives as stated in the Zoning Regulations for this area is "to encourage a more viable Town Center, mixing public and private uses and stressing pedestrian circulation, public transportation & Public amenities." Restoring the historic Memorial Town Hall provides the opportunity to reinvigorate a treasured national landmark and at the same time to enhance Hamden's town center. The existing building and its addition will serve several purposes. The fire station will remain in its current location. Several Town Hall offices will return to their longtime home. The existing auditorium will be renovated and developed into a multi-purpose space for performances, council meetings, and other gatherings, similar to those that this room has served over its esteemed history. The Hamden Police Department will now have renewed town center presence in a new facility that is secure and state-of-the-art.

The new additions are designed in accordance with the Secretary of the Interior's Guidelines for Historic Properties. The new construction aligns with the original historic building at each level, as do the new fenestrations and cornice. Exterior materials are intended to match the original fabric. The new addition is distinct from the original construction but complementary and deferential to the original. The new addition is perpendicular to Dixwell Avenue and so splayed from the original building that parallels Whitney Avenue. This allows for the footprint of space needed to accommodate the programmatic functions of the project. The new façade of the addition takes a gentle curve to in part soften that transition from one direction to the other and in part to reflect the curve of the historic entrance. The new wing was scaled to balance the proportions of the original building (equaling the width of the original), and to allow for the development of the project, so that the existing police facilities can remain in operation till the new structure is completed.

### METHODOLOGY

The architects have met with representatives from Hamden's Police Department and Fire Department to review and approve this schematic design as herein presented. In addition review and workshop type meetings were held with the Town Council, The Town Building Committee and the sub committee, the Unified Planning and Zoning workshop, the Veteran's Commission, the Historic Properties Commission and State Historic Architect. Critical adjacencies between and among each department have been discussed and incorporated into the design. A comprehensive program has been developed for the Police Headquarters and remaining space in the original building and is attached. During the schematic design phase the site and building were surveyed and existing documents were created. The Topographic / Boundary Map and existing floor plans, elevations and sections of the historic building are attached. The geotechnical engineers have performed site borings and have monitored the ground water level and their report is attached.



Historic photograph of the Hamden Town Hall, constructed in 1924

### SITE DESIGN

The new site design allocates each discrete function to its own area based on public, administrative and security uses. Building and site elements provide buffers among these areas. It is interesting to note that the building originally had a different relationship to the grade surrounding the two main sides in relation to the entry and separation from the street. The proposed design restores that relationship. Berms and retaining walls accommodate the height of the existing building and enhance accessibility, while providing separation from the vehicular traffic of two of Hamden's busiest thoroughfares, Dixwell Avenue and Whitney Avenue. Significantly increased surface parking is provided for visitors, who may proceed from the lot to the new Police Headquarters or to Town Hall. Pedestrians and people using public transportation may utilize stairs to the main level or accessible entries at street level. A pending grant application seeks funding for an elevator for the new accessible Town Hall entry, bringing visitors into the main rotunda and its beautiful stained glass windows.

Some specific site improvement items of note:

- Covered parking for the Police Headquarters, secured at all access points by screens and roll-up gates, is planned below the surface lot. An entrance to this lot on Dixwell Avenue will serve for official vehicles. Entrances into the building will be from the sub-surface parking area. The Whitney Avenue entrance provides police access to the sally port, which is located in close proximity to patrol operations, booking, and evidence processing areas.
- Non-public police functions are carefully separated from the Police Headquarters' public areas, which house reception, community training, police administration, and investigations. Separate vehicular access for the public is provided from Dixwell Avenue to the upper parking deck. The upper parking also accommodates the needs for other public functions and assembly in the building.
- The bus stop on Whitney Avenue is being improved to provide a full, protected pull-off lane and a new bus shelter. The existing accessible ramp in the area will be removed allowing for better fire department site distance and a nicer landscaped setting. The fire truck access apron will be newly repaved and transitioned smoothly into the proposed sidewalks, still allowing a clear pedestrian crossing.

- At the front of the main historic entrance facing the intersection of Dixwell Avenue and Whitney Avenue, an entrance plaza will be created with stairs and planters to allow for an accessible route into the building at the lower elevator entrance as well as a more level gathering area to provide a landscaped "setting" for the building. The front stairs will be modified to link the existing entrance with new walks to the new entrances and the upper level parking beyond. A flagpole will still remain a part of the entrance, but will move into a planter to the side providing a less obstructed view of the historic building facade. Within the entrance area, up-lighting will be provided to light the flagpole and wash the historic facade. Potentially, the intersection crosswalks would be paved or imprinted to emphasize the prominence of the pedestrian crossing and add to the general appeal of the improved streetscape for this project, providing a link to the brick paved walks across the road.

- Along Dixwell Avenue, we propose to provide landscaped protective end islands for the parallel parking to remain. In addition, a sitting wall will run beside the newly paved walks to help retain grade and allow for ornamental street lights to be placed where they are protected from and out of the way of normal pedestrian traffic and maintenance which will take place along the walk. The landscaped islands will provide shade and color to the area and help provide a degree of traffic calming.

- In addition, a center landscaped island is planned for Dixwell Avenue to help guide traffic and give a sense of pedestrian streetscape so that cars recognize the need to travel a bit more slowly in the area. The island would be planted with low maintenance trees and perennials to add interest and color throughout the year.

- New stairs will be provided leading to and from the upper level entrances and parking deck. A walk along the new addition will also link the proposed work with the existing historic structure and functions. Ornamental iron bollards with chain and fencing along a low curb wall will border the walk. The bollards, along with new planters will provide for security and separation of the vehicular traffic from pedestrian walks. The planters will add year round landscape interest to the walks, plazas, and upper deck level.

- Landscaping throughout the site is proposed to provide the new and existing buildings with a finished setting and streetscape. It will also serve to buffer neighbors from views, lights, etc. in sensitive areas. In addition, the landscaped areas will create "green" space that will help to absorb some runoff and cool the site. In addition, many of the building roofs may be planted with a modular "green" roof system, further adding to the improvement to runoff and providing the roof membrane with UV protection, as well as providing a degree of insulation, cooling effect, and sound attenuation.

#### SCHEMATIC DESIGN OF THE ARCHITECTURE

##### MEMORIAL TOWN HALL RESTORATION AND ADDITION

Newport Collaborative Architects, Inc. is consulting with the design team in addressing the historic preservation of you national landmark structure. The renovation and repair of both the exterior and interior of the existing building based on the Secretary of the Interior's Standards for the Treatment of Historic Properties. We are coordinating program in the existing building for an auditorium, town offices and new Police Station and have proposed an improved layout for the existing Fire Station. Access to the existing building from the street, parking lot, and new addition has been studied, and the main exterior stair entering the Rotunda from the corner of Dixwell and Whitney Avenues will be maintained. Exterior restoration will include new entry doors to the Rotunda, masonry re-pointing, remaining repair of the cupola, a new EPDM roof, repair of the exterior cornice, and replacement of modern one lite window sashes to new multi-divided lites to match the original historic sashes. We are revising egress stairways in the existing building (though maintaining what we can) to meet current code standards, and an additional elevator is indicated to provide access from the street entry at the basement level to the first floor. We are also addressing energy efficiency issues within the existing building by proposing to use interior storm windows at existing openings and icynene spray insulation at the roof.

We are proposing to restore the large interior public spaces to their original state. The Rotunda ceiling will be repaired and re-painted, flags will be supported up at the upper level with new metal brackets to reveal more of the symbols on the stone walls, and the terrazzo floor will be re-polished. The current town council

#### HAMDEN MEMORIAL TOWN HALL / POLICE HEADQUARTERS

chamber, which will now serve as an auditorium while not in meeting use, will be stripped of its modern coverings and suspended ceiling, and finishes will be restored to its original character of wood floors, plaster walls, exposed beams with wood trim, and plaster ceiling. The balcony and wood seating are to remain, but two additional stairways will be added on either side to provide direct access down to the first floor within the auditorium. New fixed seating will be located on the first floor under the balcony, and moveable tables and chairs for the town council will be housed in storage areas under the stairs. The stage proscenium will be highlighted with new curtains and re-gilding of the decorative leaf detail. Existing concrete floors in hallways are to be exposed and re-polished, and office areas are to receive new painted gypsum walls and ceilings where needed.

##### POLICE HEADQUARTERS ADDITION

The *parti* of the addition developed from the sensitive connection, which steps back from the existing face of the landmark Memorial Town Hall. To work with the confines of the site and to create an efficient footprint to the building the *parti* continues with a bar with the proportions relating back to the bays of the existing building that is spun to relate to the angle of Dixwell Avenue. The bar in plan steps forward towards the street and is curved to relate to the historic building but is architecturally detailed as a new building to set itself from the historic building per the guidelines of the Secretary of Interior. The initial planning of the building was to work with the confines of the site, lay out the programmatic requirements efficiently and to connect the floor levels and heights to the existing town hall building. The development of the *parti* and resulting schematic design of the building paid attention to sustainability issues in planning, reusing and revitalizing the existing building and to create an efficient building to maximize energy efficiency. The Schematic Design Submittal includes a list of possibilities of Green Building Items whose financial implications will be explored as Design Team and Building Committee work together to create the Design Development Plan of the building. We look forward to investigating further possibilities of Green Alternatives and design opportunities.

The proposed addition for the new Police Headquarters takes its cue from the elegant architecture of the Memorial Town Hall. The goal is to extend the streetscape of the historic building to the west, while providing a defined new entrance for the Police Headquarters.

As the public enters the new lobby, all of the services generally needed by the public are available without the need to enter the more secure sections of the building. The remaining areas of the building are planned to make the most efficient use of the building and respond to the adjacencies of each department for ease of police operations.

##### PROJECT PHASING

Careful project phasing is important to ensure smooth, uninterrupted town operations. The existing Police Headquarters buildings will remain in place until renovation of the Memorial Town Hall and construction of the new Police Headquarters addition (including a new communications system) are complete. After the Hamden Police Department moves into its new headquarters, the existing police buildings will be demolished. The last project phase will include construction of the two parking levels and final sitework. Refer to the attached Phasing Plan.

## GREEN BUILDING ITEMS

### Plumbing Systems

1. Rain Water Harvesting for site irrigation.
2. 1.28 gal. flush water closets.
3. 0.5 gal. flush urinals.
4. 1.5 gpm shower valves.
5. Waterless urinals.
6. Infrared sensors on water closets and urinals.
7. High efficiency condensing type water heater.
8. Solar domestic hot water heating system.

### HVAC SYSTEMS

1. R134a refrigerant chiller with low Ozone Depletion Potential (ODP) and Global Warming Potential (GWP).
2. Variable Frequency Drives on airside equipment and pumps.
3. Energy Recovery Units for high occupancy spaces.
4. Demand Ventilation Control with CO<sub>2</sub> monitoring (IAQ).
5. Cooling Economizers (air and/or water side).
6. Cooling condensate water reclaim for irrigation.
7. Outdoor ventilation air delivery monitoring.
8. Building flush-out or air testing (IAQ).
9. Geothermal heat pump system.
10. Thermal Storage (ice) for off-peak energy utilization.

### ELECTRICAL SYSTEMS

1. Daylight harvesting - where applicable.
2. Ambient light control - where applicable.
3. Occupancy sensors for lighting control.
4. Outdoor lighting pollution reduction.
5. Photovoltaic (solar) power panels.
6. Micro-turbines for on-site power and heat production.

### GENERAL

1. Low volatile organic compound solvents for Plumbing, HVAC and Electrical conduits.

### SCHEMATIC DESIGN OF STRUCTURAL

The project consists of three components the largest being the new 3 story facility which will be framed with 8" constant thickness reinforced cast-in-place concrete flat slabs supported by concrete columns. This system allows for shallow structural depth as the floor levels are matching those of the existing building. The lateral stability of the structure is being achieved by cast in place shear walls at the elevator and stair elements which will run the full height of the building along with frame action provided by the beam and slab system. Foundations are to be spread footings.

The parking element will be a precast concrete parking structure utilizing pretopped double tees resting on tee beams and columns. Depth of the precast system will be 26 inches overall. At the south side the precast will interface with cast in place retaining walls and slabs forming the entrance ramp access. Foundations will also be spread footings.

The existing building will have minor levels of structural renovations including; a new cast in place elevator pit with 8 inch reinforced masonry walls, new raised ramp structure for building access, reframing of stairs no. 2 and 3 along with two new balcony access stairs either side of the auditorium. Additionally, new openings will be needed through existing walls and infilling of small existing openings will be required.

### HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS

A new hot water boiler plant will be installed to serve the renovated facility. The new boiler room would be located in such a manner that the new plant can be built early on in the project to establish the new services. We will be specifying combination gas/oil dual fuel burners.

A new 10,000 gallon double wall fiberglass underground fuel oil storage tank will be situated on the site adjacent to the new boiler room. This tank will be provided with an inventory and leak detection monitoring system that will monitor both the tank and the underground fuel lines.

A new air cooled chiller will be installed to serve the air conditioning needs of the renovated facility. This chiller will be installed on the lower level of the parking garage and would be sized to handle all of the cooling needs in the building, with the exception of the emergency dispatch center for the police department. This center will have it's own redundant standalone HVAC systems in accordance with the requirements of NFPA 1221 "Installation, Maintenance, and Use of Emergency Services Communications Systems".

The new hot water boilers and the chiller will feed a four pipe distribution system throughout the building. This distribution system will serve energy recovery air handling units with wheel or plate heat exchangers, hot water and chilled water coils, strategically placed on the roof areas of the building. The piping distribution system will be filled with a propylene glycol and water solution for freeze protection. Air handlers will be arranged to serve the required zoning of the facility and will be provided with an economizer cycle for free cooling during cooler times of the year.

The majority of the air handlers, with the possible exception of the auditorium space, will be variable volume units. Distribution ductwork will be galvanized sheetmetal and will feed variable air volume (VAV) boxes in the interior and fan terminal units (FTU's) around the perimeter spaces. This system will be utilized for the majority of the facility. The only space where a different approach may be needed is the lower level of the existing building, where headroom is extremely tight. In this location, we will use four pipe fan coil units or cabinet heaters to serve the individual space heating and cooling requirements. This will greatly reduce the size of the ductwork serving these areas as the ductwork would only provide ventilation air as required by Code.

A system of carbon dioxide (CO<sub>2</sub>) detectors will be installed in the building to control the amount of ventilation introduced into the facility. This will ensure that the proper amount of outside air is introduced at all times to limit the levels of CO<sub>2</sub> to acceptable levels.

A new direct digital control (DDC) system will be installed to control all of the equipment described above. The system will be web based for easy access and capable of interfacing with systems other than HVAC in the building, i.e., lighting control. The system will contain graphics for easy operator interface, and all setpoints will be adjustable.

The parking garage will be an open parking structure, therefore no mechanical ventilation will be required.

### PLUMBING AND FIRE PROTECTION SYSTEMS

#### SCHEMATIC DESIGN - PLUMBING

A new water service will be brought into the existing building basement area, and a new hot water heater will be installed. The hot water heater will include a tempering valve conforming to ASSE 1017 as required by

code. New water piping will be type L copper piping with sweat fittings, insulated to meet the energy code requirements. A hot water recirculation system will be installed to serve the building.

All plumbing fixtures shall be commercial grade, first line fixtures. Plumbing fixtures quantities shall be as required by current Code requirements. Handicap accessibility shall be in compliance with State Codes, ANSI A117.1, and UFAS guidelines.

A new natural gas service will be provided with a high pressure distribution system within the building. Appliance and mechanical equipment will be provided with gas pressure regulators to reduce the gas pressure to manufacturer's requirements.

All new no-hub cast iron sanitary waste and vent piping will be installed. All DWV piping shall be no-hub cast iron or DWV copper. We will not be reusing any of the existing piping in the building.

A system of new roof drainage will be developed for the newly renovated building and addition. All roof drainage piping shall be cast iron and will be insulated to prevent condensation.

#### SCHEMATIC DESIGN - FIRE PROTECTION

A new 6" fire protection water service will be brought into the renovated facility. This service will be worked into the new construction to facilitate its installation. A backflow preventer will be installed, along with a wet pipe alarm valve to serve the building.

Sprinkler mains will be Sch. 10 black steel with mechanical fittings and couplings, with smaller branch piping being Sch. 40 threaded pipe. The entire installation shall be in conformance with the current requirements of NFPA 13.

The parking garage will be an open parking structure; therefore, no fire protection sprinklers will be required. A manual dry pipe standpipe will be provided to serve the structure.

#### SCHEMATIC DESIGN - ELECTRICAL

##### LIGHTING

All interior lighting will be fluorescent fixtures utilizing T8 lamps or compact fluorescent lamps. Where proper height is available, fixtures will be pendant mounted direct/indirect. Where height is limited, recessed or surface mounted fluorescent fixtures will be utilized.

Emergency lighting will be obtained by connecting selected lighting circuits to emergency source supplied by the emergency generator discussed later in this report.

Exit signage will be provided as required to meet current code. Exit signage will be cast aluminum with LED lamps and will be provided with integral emergency battery. Accessible exit paths shall be marked with exit signage containing the International Symbol of Accessibility.

##### ELECTRIC SERVICE

A new electrical service be provided from the utility company connections in the street to a new pad mounted transformer on site. Secondary electrical conductors from this transformer underground into the facility will provide for a new 1600A, 277/480V, 3-phase, 4-wire service. Lighting and mechanical equipment loads shall be served at the 277/480V level with step-down transformers to provide 120/208V service for general purpose receptacles and low voltage service requirements.

##### EMERGENCY POWER

This facility is intended to house both Police and Fire Department operations and as such need to be provided with emergency power. A diesel powered emergency generator provided in a sound attenuated weatherproof enclosure be located on the roof of the new sallyport construction. We are anticipating this

HAMDEN MEMORIAL TOWN HALL / POLICE HEADQUARTERS

generator to be approximately 750 kW. This generator will be provided with a day tank which will get its fuel from an underground storage tank that will be capable of storing 72 hours of fuel. The possibility exists to combine this tank with the fuel oil storage tank for the boiler, through the use of separate dip tubes. This generator will interface with the normal power distribution system through an Automatic Transfer Switch. The police dispatch area will additionally be provided with redundant uninterruptible power supply (UPS) to serve computer aided dispatch (CAD) equipment, space conditioning equipment and emergency communications equipment to comply with the requirements of NFPA 1221 "Installation, Maintenance, and Use of Emergency Services Communications Systems".

##### FIRE ALARM

An addressable fire alarm system consisting of manual pull stations, sprinkler flow, tamper and pressure switches, smoke and heat detectors and both audible and visual indicating appliances will be provided. An interface between the fire alarm system and air handling equipment over 2000 CFM will shut units down upon activation of the fire alarm system.

#### TECHNOLOGY SYSTEMS

##### DESCRIPTION OF PROPOSED TECHNOLOGY SYSTEMS

- **Cable Infrastructure** -The telecommunication cable infrastructure will utilize the latest industry standard cables and connectors for voice and data transmissions. These cables and connectors will have the ability to carry many of today's and tomorrow's cutting edge technologies. The voice, data and video systems will be fed from Telecommunications Rooms to all drop locations throughout the building. The cable design will incorporate drop locations for wireless whether it is to be used at the time of occupancy, or at a later date. The recommended cable for the project is Category 6, for all drop locations, to provide flexibility (voice, video and data). The cable infrastructure will be cutting edge technology utilizing a mix of copper and fiber optic cabling. Within the fiber optic backbone, a hybrid cable made up of 50 micron multi-mode fiber and single-mode fiber optic cable will be used.
- **Telecommunication Rooms - Electronics by Owner** -Telecommunications Rooms and Equipment within will be designed per industry standards utilizing standard 19" Cabinets and Relay Racks with angled patch panels for high density cable terminations. The voice and data cables will be terminated near each other to provide flexibility (i.e. if the Owner wants to make a voice drop a data drop, they would only have to disconnect a patch cable and plug it into the appropriate port).
- **Security Systems** - A new CCTV system, integrated with the Access Control and Intrusion systems will be designed in coordination with the Architect and the Hamden Police Department. As requested, the CCTV system will be designed using an IP structure which will allow each camera to be directly connected to the owner's LAN. Access Control system will be designed to restrict entrance and/or exit to/from protected spaces. Access Control system will include a badging system which will provide a means of visual identification and programmed access to controlled access areas. An Intrusion system will be integrated with the security system to provide status information and assist in the locking/unlocking and opening/closing of certain interior and exterior controlled doors.

##### CONCLUSION

This project offers exciting opportunities for the Town of Hamden. Central location of essential services, restoration of a signature historic landmark, and enhancement of the streetscape will contribute much to the vibrancy of Hamden's town center.

PAGE 5

**PROGRAM SQUARE FOOTAGE**

	# OF ROOMS / SPACES	SQUARE FEET	SUB-TOTAL S	PROVIDE D TOTALS (Includes circulation)
<b>BUILDING:</b>				
<b>Entry / Lobby</b>				
Lobby	1	720	720	
Vestibule	1	120	120	
Interview Room	2	120	240	
Public Rest Rooms	2	140	280	
Sub-Total Entry/Lobby:			1,360	1,220
<b>Main Desk/Reception:</b>				
Main Desk/Reception	1	200	200	
Bonding Waiting Area	1	300	300	
Juvenile Holding Room	2	60	120	
Juvenile Monitor	1	100	100	
Public Fingerprinting area	1	120	120	
Police Commission/Media	1	500	500	
Sub-Total Main Desk/Reception:			1,340	1,221
<b>Communications:</b>				
Communications workstations	1	990	990	
Supervisor's Office	1	150	150	
Data Entry/Off-time Supervisor:	2	130	260	
Training Room	1	225	225	
Operations Center	1	360	360	
Senior Official's Office	1	130	130	
Staff Lockers	1	120	120	
Supply Storage	1	25	25	
Unisex Toilet with Shower	1	90	90	
Break room	1	200	200	
Equipment Room	1	250	250	
E-911 Equipment Room	1	40	40	
Sub-Total Communications:			2,840	2,898

<b>Records/Data Processing:</b>				
Public Information Counter	2	80	160	
Police Information Counter	1	60	60	
Supervisor's Office	1	130	130	
Staff Work Space	1	300	300	
Microfiche Workstation	1	40	40	
File Area	1	150	150	
Photocopy	1	60	60	
Archives	1	400	400	
Department Supplies	1	15	15	
Coffee Area	1	15	15	
Sub-Total Records/Data Processing:			1,330	1,374
<b>Patrol Administration:</b>				
Special Duty and Permits	1	180	180	
Deputy Chief's Office	1	180	180	
Captain's Office	1	165	165	
Conference / Planning	1	240	240	
Patrol Lieutenant's Office	1	360	360	
Patrol Sergeant's Office	1	360	360	
Sub-Total Patrol Administration:			1,485	1,650
<b>Patrol Facilities:</b>				
Roll Call Room	1	500	500	
Report Preparation	1	180	180	
Armory	1	150	150	
Ammunition Closet	1	40	40	
Weapons Cleaning	1	80	80	
Patrol Storage	1	200	200	
Sub-Total Patrol Facilities:			1,150	1,528
<b>Department Administration:</b>				
Clerical Office	1	270	270	
Visitor Waiting	1	72	72	
File Area	1	80	80	
Office work area	1	60	60	
Coat closet	1	15	15	
Chief's Secretary	1	150	150	
Chief's Office	1	300	300	

Chief's Toilet/Shower	1	120	120	
Deputy Chief's Office	1	180	180	
Captain's Office	1	165	165	
Lieutenant's Office	1	150	150	
Sergeant's Office	3	130	390	
Future Offices	3	130	390	
Conference Room	1	270	270	
Coffee Area	1	25	25	
Sub-Total Department Administration:		2,637	2,942	
<b>Investigative Unit:</b>				
Clerical Office	1	120	120	
Visitor Waiting Area	1	72	72	
File Area	1	60	60	
Deputy Chief's Office	1	180	180	
Captain's Office	1	165	165	
Sergeant's Office	1	360	360	
Detectives' Work Space	1	1,440	1,440	
Interview Rooms	4	100	400	
Video Observation Room	1	80	80	
Major Crime Conference Room	1	216	216	
Storage	1	60	60	
Report Room	0	100	0	
Sub-Total Investigative Division:		3,153	3,368	
<b>Street Interdiction Team:</b>				
Lieutenant's Office	1	130	130	
Detectives' Work Space	1	1,200	1,200	
Interview Rooms	2	100	200	
Video Observation Room	0	80	0	
<b>Narcotics Division:</b>				
Storage	1	100	100	
Sub-Total Narcotics Division:		1,630	1,620	
<b>Special Victims Division:</b>				
File area	1	60	60	
Detectives' Work Space	1	720	720	
Interview Rooms	1	100	100	
"Soft" Interview Rooms	1	120	120	
<b>Juvenile Division:</b>				
Storage	1	60	60	
Sub-Total Juvenile Division:		1,060	1,201	

<b>Ethics &amp; Integrity Affairs:</b>				
File area	1	80	80	
Sergeant's Office	1	130	130	
Investigators' Work Space	1	240	240	
Interview Room	1	100	100	
Storage	1	25	25	
Sub-Total Internal Affairs:		575	913	
<b>Evidence and Property:</b>				
Clerical Office	0	90	0	
Visitor Waiting Area	1	72	72	
Supervisor's Office	1	120	120	
Evidence laboratory	1	400	400	
Evidence Disposal Area	1	80	80	
Evidence Receiving	1	150	150	
Evidence Drying Room	1	15	15	
Bulk Evidence Drop-off Closet	2	15	30	
Evidence Storage	1	1,000	1,000	
Drug Vault	1	40	40	
Valuables Vault	1	15	15	
Weapons Vault	1	80	80	
Hazardous Materials Storage	1	15	15	
Found Property	1	1,000	1,000	
Sub-Total Evidence and Property:		3,017	2,940	
<b>Crime Scene Unit:</b>				
File area	1	150	150	
Supervisor's Office	1	130	130	
Technicians' Work Space	1	300	300	
Digital Imaging Computer Workstation	1	40	40	
Surveillance Playback Station	1	40	40	
Fingerprint Comparator	1	40	40	
Crime Laboratory	1	600	600	
Crime Scene Storage	1	40	40	
Photo Laboratory	1	400	400	
Vehicle Processing Bay	0	450	0	
General Storage	1	250	250	
Sub-Total Identification:		1,990	1,891	
<b>Community Liaison Officer:</b>				
Sergeant's Office	1	130	130	
Officers' Work Space	1	130	130	
Supply Storage	1	100	100	
Sub-Total Community Liaison Officer:		360	656	

<b>Traffic Unit:</b>				
Sergeant's Office	1	130	130	
Officers' Work Space	1	720	720	
Supply Storage	1	150	150	
Sub-Total Traffic Unit:			1,000	1,400
<b>Training Unit:</b>				
Sergeant's Office	1	150	150	
Officers' Work Space	1	270	270	
Supply Storage	1	80	80	
Training Classrooms	1	1,120	1,120	
Kitchenette	1	60	60	
Table and Chair Storage	1	80	80	
Small Training Room	1	700	700	
Sub-Total Training Unit:			2,460	2,705
<b>Staff Facilities:</b>				
Male Locker Rooms/Toilets	1	2,790	2,790	
Female Locker Rooms/Toilets	1	745	745	
Mail Distribution Center	1	80	80	
Break Room	1	600	600	
Fitness Center	1	1,000	1,000	
Miscellaneous Toilets	4	170	680	
Sub-Total Staff Facilities:			5,895	5,895
<b>Sally Port:</b>				
Vehicle Bays	2	350	700	
Road Supply Storage	1	60	60	
Decontamination Room	1	100	100	
Sub-Total Sally Port:			860	860
<b>Adult Prisoner Processing:</b>				
Processing Stations	4	120	480	
Fingerprint Stations	2	40	80	
Temporary Holding Enclosure	1	160	160	
Intoxilyzer Room	1	60	60	
Prisoner Toilet/Shower	1	90	90	
Custodial	1	25	25	
Linens/Blanket Storage	1	15	15	
Interview Room	1	100	100	
Detention Office	1	120	120	
Prisoner/Visitor Booths	1	80	80	
Sub-Total Adult Prisoner Processing:			1,210	1,210

<b>Adult Detention:</b>				
Male Cells	10	135	1,350	
Female Cells	4	135	540	
Isolation Cell	1	135	135	
Padded Cell	1	135	135	
Sub-Total Adult Detention:			2,160	2,160
<b>Juvenile Prisoner Processing:</b>				
Processing	1	120	120	
Temporary Holding Enclosure	1	60	60	
Prisoner Toilet/Shower	1	90	90	
Interview Room	1	100	100	
Sub-Total Juvenile Prisoner Processing:			370	370
<b>Juvenile Detention:</b>				
Male Cells	3	135	405	
Female Cells	2	135	270	
Juvenile Monitor	1	100	100	
Sub-Total Juvenile Detention:			775	775
<b>Systems Development:</b>				
Computer Crime Unit	1	360	360	
Technicians' Work Space	1	150	150	
Computer Service Area	1	80	80	
Computer Network Room	1	150	150	
Equipment Storage	1	80	80	
Sub-Total Systems Development:			820	820
<b>Facility Maintenance:</b>				
Technicians' Work Space	1	150	150	
Building Receiving Bay	1	250	250	
Custodial Closets	3	25	75	
Equipment Storage	1	100	100	
Sub-Total Facility Maintenance:			575	575
<b>Bicycle Patrol:</b>				
Bicycle Storage	1	280	280	
Maintenance Area	1	50	50	
Sub-Total Bicycle Patrol:			330	330
<b>Tactical Response Team/S.W.A.T.</b>				
Protective Gear Storage and Office	1	200	200	

S.W.A.T. Office	1	150	150	
Sub-Total Tactical Response Team / S.W.A.T.:			350	350
K-9 Unit:				
Canine Kennels	4	60	240	
Storage Room	1	25	25	
Office	1	180	180	
Sub-Total K-9 Unit:			445	445
Shooting Range:				
Range	0	0	0	
Clean Room	0	0	0	
Wash Area	0	0	0	
Storage	0	0	0	
Armory	0	0	0	
Office	0	0	0	
Sub-Total Shooting Range:			0	0
General Storage:				
General Storage Room	1	150	150	
Quartermaster Storage	1	250	250	
Sub-Total General Storage:			400	400
Mech, Elect, Custodial, Circulation			15,000	15,000
TOTAL BUILDING SQUARE FEET:				58,717
SITE:				
Secure Parking/Garage:				
Mobile Command Post:	1	400	400	
Police Cruiser Parking:	56	300	16,800	
Motorcycle parking	1	420	420	
Vehicle Impound	0	0	0	
Bulk Impound	0	0	0	
Parts Storage	1	200	200	
Mechanic Office	1	120	120	
Wash Bay	1	350	350	
Staff Parking	60	300	18,000	
Staff HC Parking	3	450	1,350	
Crime Scene Van Garage	1	400	400	
S.W.A.T. Van Storage	1	400	400	
Sub-Total secure parking:			38,440	
Open Parking/ upper deck:				
Police Station Public Parking	5	300	1,500	
Police Station Public HC	1	450	450	

Parking				
General Public Parking	104	300	31,200	
Sub-Total open parking:			33,150	
Police Museum				549
Kitchenette Police Upper Level				180
Emergency Management				3,007
Auditorium				
Main Level			5,709	
Upper Level			1,688	
Sub-total Auditorium			7,397	7,397
Basement Storage				1,472
Fire Department				
Lower Level			761	
Main Level			1,273	
Upper Level			1,909	
Sub-total fire department			3,943	3,943
Council Offices				
Council Chamber			414	
Offices			1,207	
Sub-total Council Office			1,621	1,621
Town Offices Upper Level				
Office			197	
Large Office			575	
Large Office			627	
Storage			70	
Sub-total Town Office			1,469	1,469

Program 19638  
Total 78,355

## SCHEMATIC OUTLINE SPECIFICATIONS

Section 00001 Table of Contents

### PROCEDURAL DOCUMENTS

#### Bidding Requirements:

Section 000003 Invitation to Bid  
Section 000004 Instructions to Bidders (A.I.A. Document A701)  
Section 000005 Supplementary Instructions to Bidders  
Section 000006 Bid Form - General Contractor

### CONTRACT DOCUMENTS

#### General Conditions:

Section 000007 General Conditions of the Contract for Construction  
(A.I.A. Document A201)  
Section 000008 Supplementary General Conditions

#### Forms of Contract and Affidavit:

Section 000009 Standard Form of Agreement Between Owner and Contractor  
(AIA Document A101)

### DIVISION 1 - GENERAL REQUIREMENTS

Section 011000 Summary of Work  
Section 011400 Work Restrictions  
Section 012100 Allowances  
Section 012200 Unit Prices  
Section 012300 Alternates  
Section 012500 Substitution Procedures  
Section 012600 Contract Modification Procedures  
Section 012900 Payment Procedures  
Section 013100 Project Management and Coordination  
Section 013300 Submittal Procedures  
Section 013591 Historic Treatment Procedures  
Section 014000 Quality Requirements  
Section 015000 Temporary Facilities and Controls  
Section 016000 Product Requirements  
Section 017300 Execution Requirements  
Section 017329 Cutting and Patching  
Section 017419 Construction Waste Management and Disposal  
Section 017839 Project Record Documents  
Section 017700 Closeout Procedures

### DIVISION 2 - EXISTING CONDITIONS

Section 022000 Site Preparation  
Section 024119 Selective Demolition

### DIVISION 3 - CONCRETE

Section 033000 Cast-In-Place Concrete  
Section 034100 Precast Structural Concrete  
Section 035416 Hydraulic Cement Underlayment

### DIVISION 4 - MASONRY

Section 040120 Maintenance of Unit Masonry  
Section 042000 Unit Masonry  
Section 047200 Cast Stone Masonry

### DIVISION 5 - METALS

Section 051200 Structural Steel Framing  
Section 055000 Metal Fabrications  
Section 055100 Metal Stairs  
Section 055213 Pipe and Tube Railings  
Section 055300 Metal Gratings  
Section 055963 Detention Enclosures  
Section 057000 Decorative Metal  
Section 057300 Decorative Metal Railings

### DIVISION 6 - WOOD, PLASTICS, AND COMPOSITES

Section 061000 Rough Carpentry  
Section 061600 Sheathing  
Section 062013 Exterior Finish Carpentry  
Section 064023 Interior Architectural Woodwork

### DIVISION 7 - THERMAL AND MOISTURE PROTECTION

Section 070150 Preparation for Re-Roofing  
Section 072100 Thermal Insulation  
Section 075300 Elastomeric Membrane Roofing  
Section 076200 Sheet Metal Flashing and Trim  
Section 077200 Roof Accessories  
Section 073313 Live Roof  
Section 078413 Penetration Firestopping  
Section 079200 Joint Sealants

### DIVISION 8 - OPENINGS

Section 080152 Historic Treatment of Wood Windows  
Section 081113 Hollow Metal Doors and Frames  
Section 081416 Flush Wood Doors  
Section 083323 Overhead Coiling Doors  
Section 083326 Overhead Coiling Grilles  
Section 083463 Detention Doors and Frames  
Section 084113 Aluminum-Framed Entrances and Storefronts  
Section 085113 Aluminum Windows  
Section 085653 Security Windows  
Section 085616 Interior Storm Windows

Section 087111 Door Hardware  
Section 087163 Detention Door Hardware  
Section 088000 Glazing  
Section 088300 Mirrors  
Section 088853 Security Glazing  
Section 089000 Louvers and Vents

#### DIVISION 9 – FINISHES

Section 090190 Maintenance of Painting and Coating  
Section 092216 Non-Structural Metal Framing  
Section 092400 Portland Cement Plastering  
Section 092800 Plaster Patching  
Section 092900 Gypsum Board  
Section 093000 Tiling  
Section 095113 Acoustical Panel Ceilings  
Section 096400 Wood flooring  
Section 096513 Resilient Base and Accessories  
Section 096516 Resilient Sheet Flooring  
Section 096519 Resilient Tile Flooring  
Section 096600 Terrazzo Flooring  
Section 096813 Tile Carpeting  
Section 096900 Access Flooring  
Section 099113 Exterior Painting  
Section 099123 Interior Painting

#### DIVISION 10 – SPECIALTIES

Section 101100 Visual Display Surfaces  
Section 101200 Display Cases  
Section 101300 Directories  
Section 101400 Signage  
Section 102113 Toilet Compartments  
Section 102800 Toilet Accessories  
Section 103500 Flagpoles  
Section 104413 Fire Extinguisher Cabinets  
Section 105113 Metal Lockers

#### DIVISION 11 – EQUIPMENT

Section 111200 Parking Control Equipment  
Section 113100 Residential Appliances  
Section 115213 Projection Screens  
Section 116143 Stage Curtains

#### DIVISION 12 – FURNISHINGS

Section 122413 Roller Window Shades  
Section 124813 Entrance Floor Mats and Frames  
Section 125500 Detention Furniture  
Section 126100 Fixed Auditorium Seating  
Section 129300 Site Furnishings

#### DIVISION 14 – CONVEYING EQUIPMENT

Section 142100 Electric Traction Elevators

Section 144200 Wheelchair Lifts

#### DIVISION 21 – FIRE SUPPRESSION

Section 210500 Common Work Results for Fire Suppression  
Section 210548 Seismic Controls for Fire Suppression Systems  
Section 211300 Fire-Suppression Sprinkler Systems

#### DIVISION 22 – PLUMBING

Section 220510 Plumbing General Conditions  
Section 220513 Common Motor Requirements for Plumbing Equipment  
Section 220516 Expansion Fittings and Loops for Plumbing Piping  
Section 220519 Meters and Gages for Plumbing Piping  
Section 220548 Vibration and Seismic Controls for Plumbing Systems  
Section 220553 Identification for Plumbing Piping and Equipment  
Section 220716 Plumbing Equipment Insulation  
Section 220719 Plumbing Piping Insulation  
Section 221005 Plumbing Piping  
Section 221006 Plumbing Piping Specialties  
Section 221250 Natural Gas Piping  
Section 223000 Plumbing Equipment  
Section 224000 Plumbing Fixtures

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

Section 230500 Mechanical General Conditions  
Section 230513 Common Motor Requirements for HVAC Equipment  
Section 230516 Expansion Fittings and Loops for HVAC Piping  
Section 230519 Meters and Gages for HVAC Piping  
Section 230548 Vibration and Seismic Controls for HVAC Systems  
Section 230553 Identification for HVAC Piping and Equipment  
Section 230593 Testing, Adjusting, and Balancing for HVAC  
Section 230713 Duct Insulation  
Section 230716 HVAC Equipment Insulation  
Section 230719 HVAC Piping Insulation  
Section 230913 Instrumentation and Control Devices for HVAC  
Section 230923 Direct-Digital Control System for HVAC  
Section 230993 Sequence of Operations for HVAC Controls  
Section 231113 Facility Fuel-Oil Piping  
Section 231325 Underground Fuel-Storage Tanks  
Section 232113 Hydronic Piping  
Section 232114 Hydronic Specialties  
Section 232123 Hydronic Pumps  
Section 232300 Refrigerant Piping  
Section 232500 HVAC Water Treatment  
Section 233100 HVAC Ducts And Casings  
Section 233300 Air Duct Accessories  
Section 233423 HVAC Power Ventilators  
Section 233600 Air Terminal Units  
Section 233700 Air Outlets And Inlets  
Section 235223 Cast-Iron Boilers  
Section 236213 Packaged Air-Cooled Water Chillers  
Section 237213 Air-To-Air Energy Recovery Units  
Section 237433 Packaged Outdoor Heating and Cooling Units  
Section 238101 Terminal Heat Transfer Units  
Section 238127 Small Split-System Heating and Cooling

Section 238216 Air Coils

#### DIVISION 26 - ELECTRICAL

Section 260502 Electrical General Conditions  
Section 260519 Low-Voltage Power Conductors & Cables (600 V & Less)  
Section 260526 Grounding and Bonding for Electrical Systems  
Section 260529 Hangers and Supports for Electrical Systems  
Section 260534 Conduit  
Section 260535 Surface Raceways  
Section 260537 Boxes  
Section 260553 Identification for Electrical Systems  
Section 260573 Overcurrent Protective Device Coordination Study  
Section 260919 Enclosed Contactors  
Section 262200 Low-Voltage Transformers  
Section 262413 Switchboards  
Section 262416 Panelboards  
Section 262701 Electrical Service Entrance  
Section 262716 Electrical Cabinets And Enclosures  
Section 262717 Equipment Wiring  
Section 262726 Wiring Devices  
Section 262813 Fuses  
Section 262817 Enclosed Circuit Breakers  
Section 262818 Enclosed Switches  
Section 262913 Enclosed Controllers  
Section 265100 Interior Lighting  
Section 265510 Stage Lighting System  
Section 265600 Exterior Lighting

#### DIVISION 27 - COMMUNICATIONS

Section 271000 Structured Cabling System  
Section 274116 Integrated Communication System

#### DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

Section 281300 Access Control  
Section 281600 Intrusion Detection  
Section 282300 Video Surveillance  
Section 283100 Fire Detection and Alarm

#### DIVISION 31 - EARTHWORK

310516 Processed Aggregate  
312316 Trenching  
312513 Erosion Control

#### DIVISION 32 - EXTERIOR IMPROVEMENTS

321500 Rolled Gravel  
321216 Bituminous Concrete Paving  
321313 Portland Cement Concrete Paving and Formwork  
321413 Concrete Pavers on Sand  
321423 Imprinted Bituminous Concrete Paving

321613 Extruded Concrete Curbing  
321619 Bituminous Concrete Curbing  
321640 Granite Curbing  
321700 Imprinted Colored Concrete  
321723 Pavement Marking  
321726 Warning Markings  
323000 Sitework  
323100 Fences and Gates  
328000 Performance Irrigation System  
329000 Trees, Shrubs, Perennials  
329119 Topsoil  
329200 Lawns and Grass

#### DIVISION 33 - UTILITIES

331100 Water Distribution  
333300 Sanitary Sewerage  
334000 Storm Drainage

HAMDEN MEMORIAL TOWN HALL / POLICE HEADQUARTERS

PAGE 12

## SCHEMATIC DESIGN DRAWINGS

### Drawing List:

#### EXISTING CONDITIONS

Topographic / Boundary Map  
E-101b Existing Lower Level Plan  
E-102b Existing Main Level Plan  
E-103b Existing Upper Level Plan  
E-104b Existing Roof Level Plan  
E-201 Existing Elevations  
E-202 Existing Elevations  
E-203 Existing Sections

#### PHASING

Phasing Plan

#### LANDSCAPE

L-101 Schematic Lower Level Site Plan  
L-102 Schematic Main Level Site Plan  
L-103 Schematic Upper Level Site Plan  
L-104 Schematic Roof Level Site Plan

#### ARCHITECTURAL

G-002 Code Plan  
A-101a Schematic Lower Level Plan (Police)  
A-101b Schematic Lower Level Plan (Existing)  
A-102a Schematic Main Level Plan (Police)  
A-102b Schematic Main Level Plan (Existing)  
A-103a Schematic Upper Level Plan (Police)  
A-103b Schematic Upper Level Plan (Existing)  
A-104a Schematic Roof Level Plan (Police)  
A-104b Schematic Roof Level Plan (Existing)  
  
A-200 Schematic Elevations of full site  
A-201 Schematic Elevations (Dirwell Ave. Elevation & Close-up)  
A-202 Schematic Elevations (Whitney Ave. Elevation & Close-up)  
A-203 Schematic Elevations (Rear Elevation & Close-up)  
A-204 Schematic Sections  
A-205 Schematic Sections

A-301 Schematic Interior Elevations of Auditorium

#### STRUCTURAL

S-101 Foundation/Lower Level (Garage) Plan  
S-102 Foundation/Lower Level (Police) Plan  
S-103 Foundation/Lower Level (Existing) Plan  
S-111 Main Level Framing (Garage) Plan  
S-112 Main Level Framing (Police) Plan  
S-113 Main Level Framing (Existing) Plan  
S-121 Upper Level Framing (Garage) Plan  
S-122 Upper Level Framing (Police) Plan  
S-123 Upper Level Framing (Existing) Plan  
S-132 Roof Framing (Police) Plan  
S-133 Roof Framing (Existing) Plan  
S-301 Typical Details

#### MECHANICAL

M-101 Schematic Lower Level Mechanical Plan  
M-102 Schematic Main Level Mechanical Plan  
M-103 Schematic Upper Level Mechanical Plan  
M-104 Schematic Roof Mechanical Plan

#### TECHNOLOGY / COMMUNICATIONS / SECURITY

T-000 Technology Symbols, General Notes, and Abbreviations  
TC-101 Schematic Communications Lower Level Plan (Police)  
TC-102 Schematic Communications Lower Level Plan (Existing)  
TC-201 Schematic Communications Main Level Plan (Police)  
TC-202 Schematic Communications Main Level Plan (Existing)  
TC-301 Schematic Communications Upper Level Plan (Police)  
TC-302 Schematic Communications Upper Level Plan (Existing)  
TS-101 Technology Security Lower Level Plan (Police)  
TS-102 Technology Security Lower Level Plan (Existing)  
TS-201 Technology Security Main Level Plan (Police)  
TS-202 Technology Security Main Level Plan (Existing)  
TS-301 Technology Security Upper Level Plan (Police)  
TS-302 Technology Security Upper Level Plan (Existing)



MEMORIAL TOWN HALL  
HAMDEN, CONNECTICUT

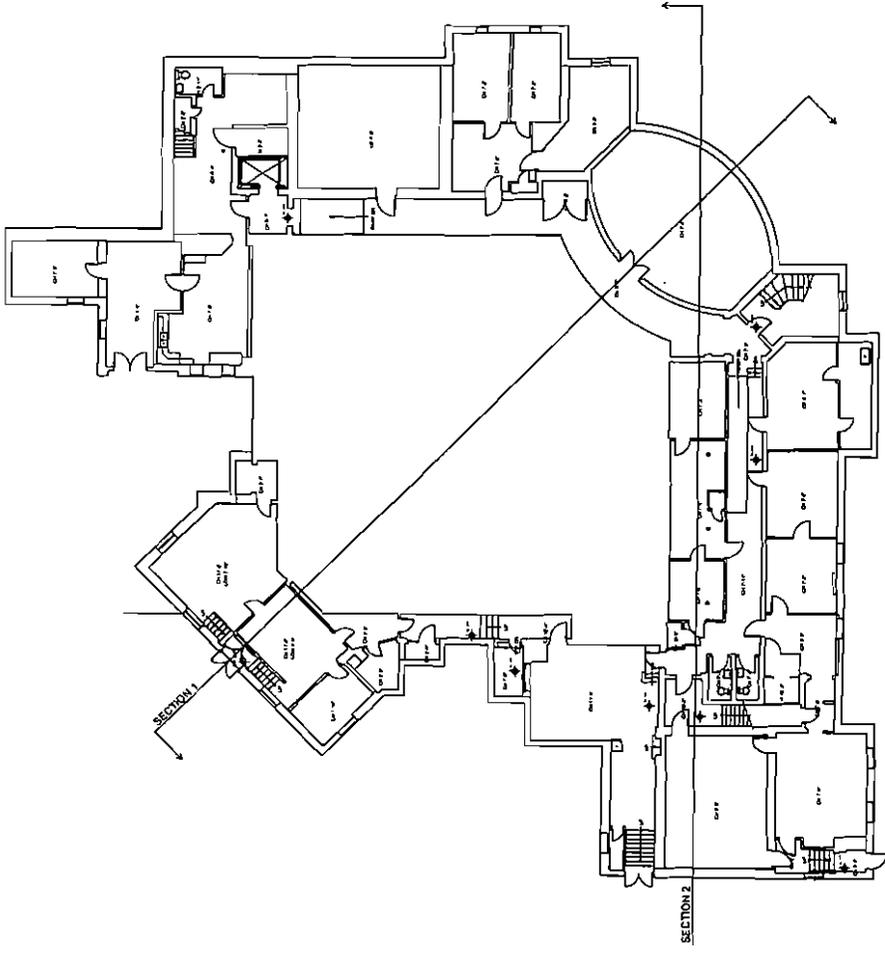


REVISIONS:

EXISTING  
LOWER LEVEL  
FLOOR PLAN

DATE: 08/11/08  
DRAWN BY: JLD  
CHECKED BY: JLD

EC-101b  
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ALP 10/11/08

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HARDEN, CONNECTICUT

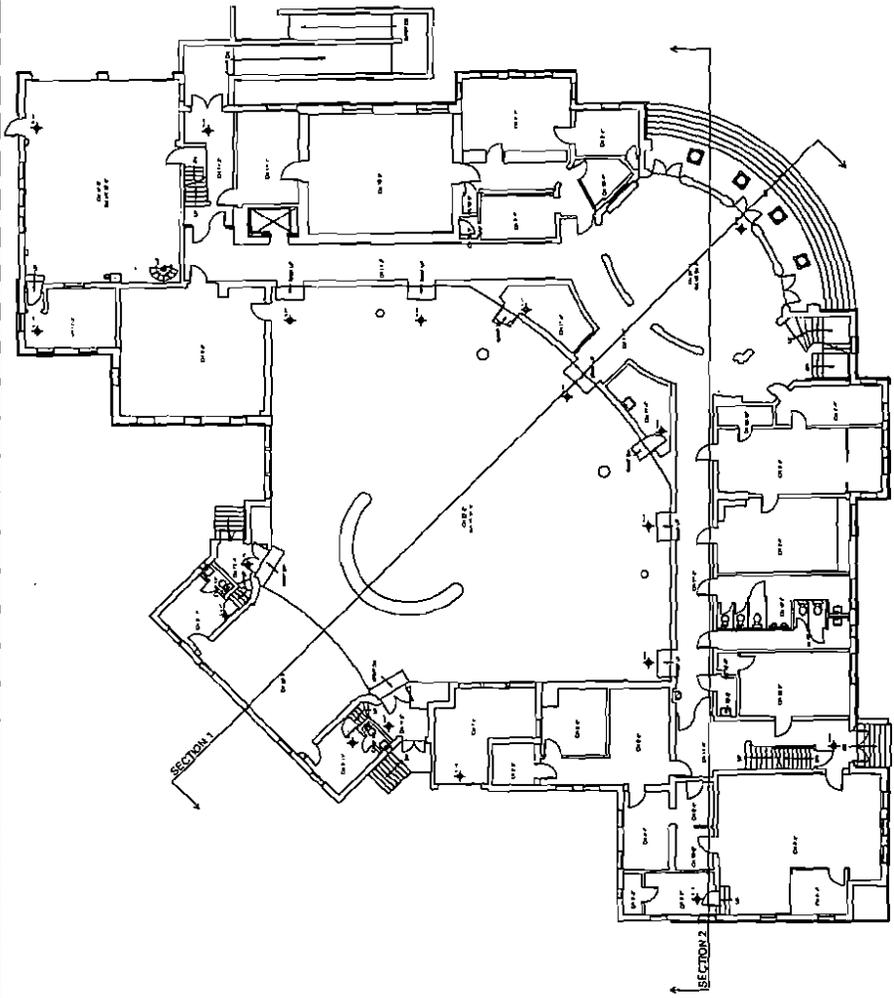


PROVISION

EXISTING  
MAIN LEVEL  
FLOOR PLAN

DATE: 04/18/00  
DRAWN BY: JRM  
CHECKED BY: JRM  
SCALE: AS SHOWN

EC-102b  
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MAIN LEVEL PLAN  
HOKU ARCHITECTS, INC.



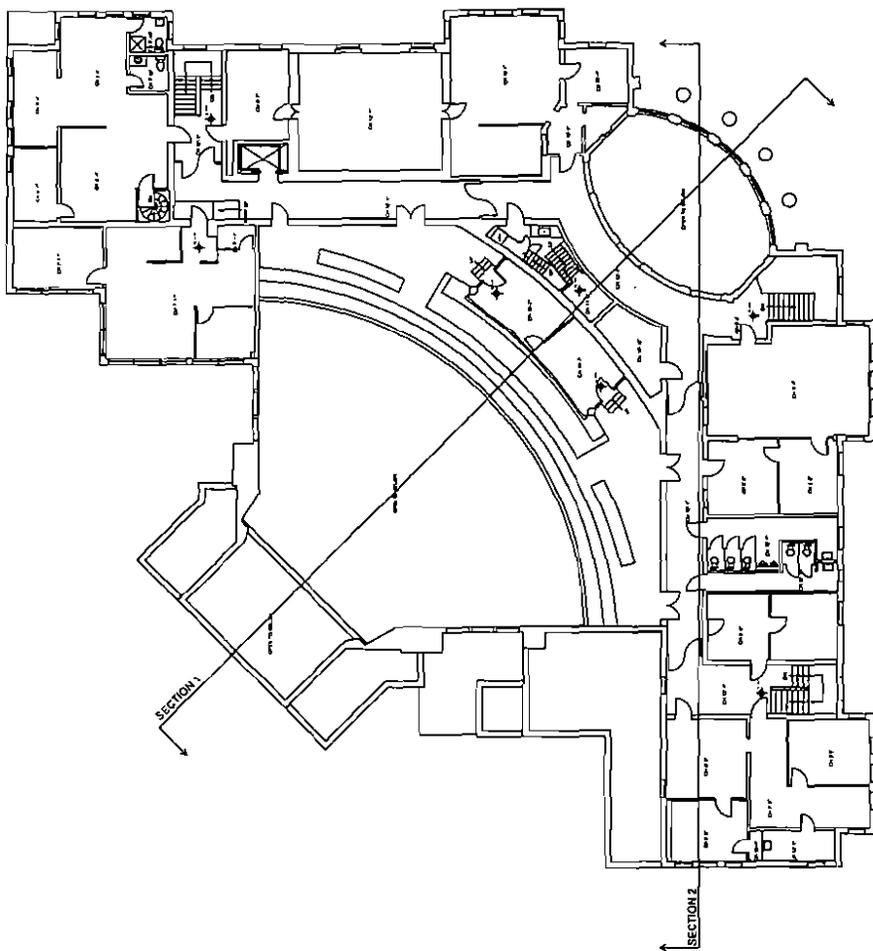
MEMORIAL TOWN HALL  
HARDEN, CONNECTICUT



DATE: 07/10/08  
DRAWN BY: J. HARRIS  
CHECKED BY: J. HARRIS

EXISTING  
UPPER LEVEL  
FLOOR PLAN

DATE: 07/10/08  
DRAWN BY: J. HARRIS  
CHECKED BY: J. HARRIS  
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UPPER LEVEL PLAN

PLAN 002210

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HAMDEN, CONNECTICUT

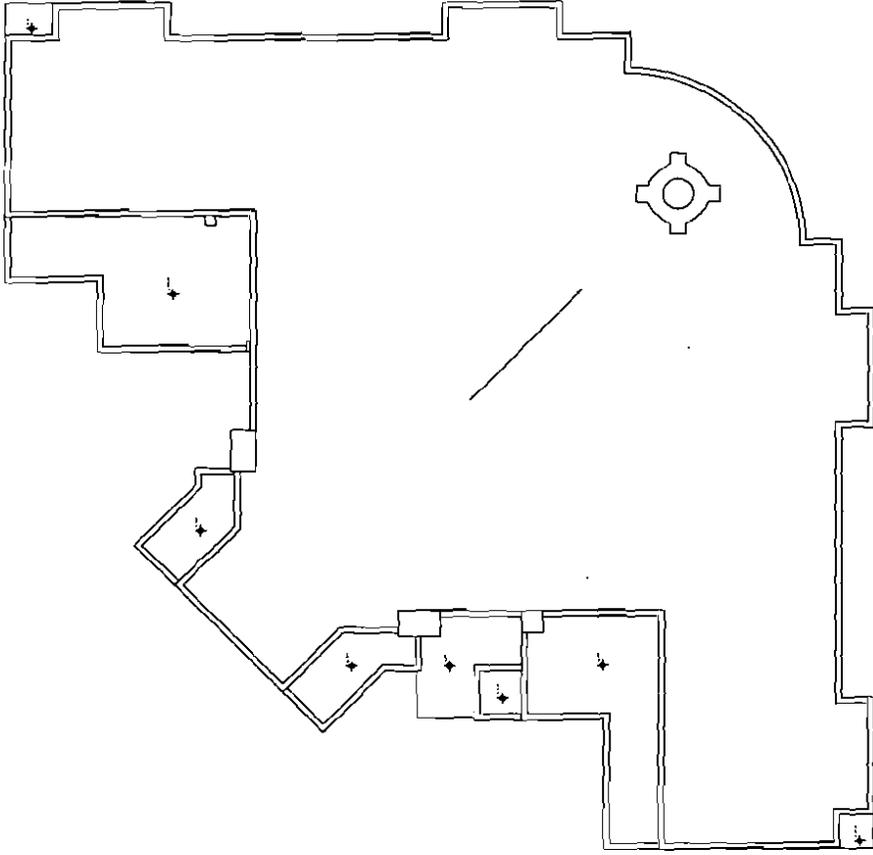


DATE: 10/10/01  
BY: J. J. [unreadable]  
PROJECT NO. 104B

EXISTING  
ROOF LEVEL  
FLOOR PLAN

DATE: 10/10/01  
BY: J. J. [unreadable]  
PROJECT NO. 104B

EC-104B  
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10/10/01

MEMORIAL TOWN HALL  
HARDEN, CONNECTICUT

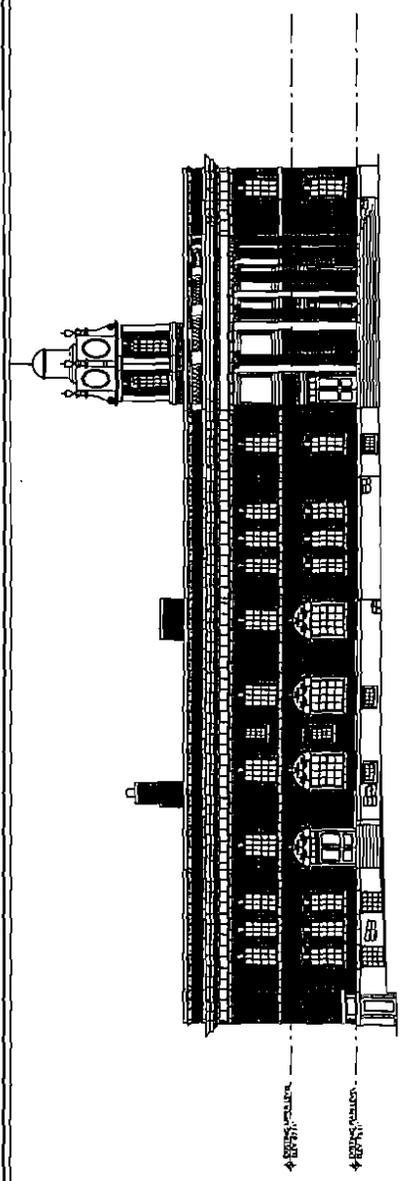


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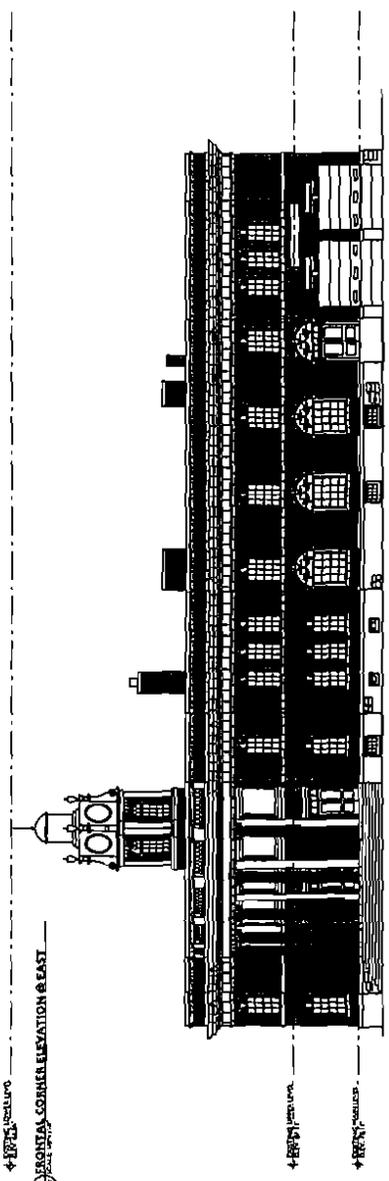
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PROJECT: 08-010 - TWP  
DRAWN BY: GAYWYN INC.

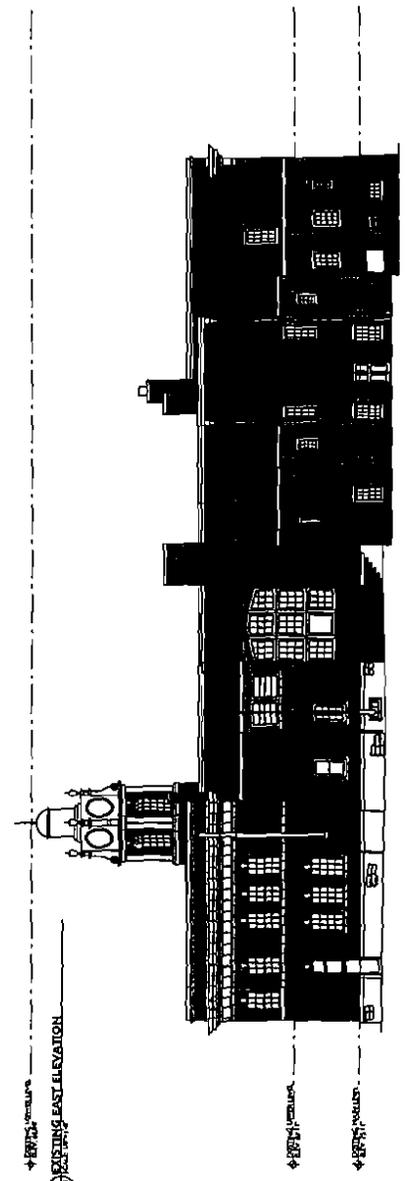
EC-201  
© 2008 GAYWYN INC.



MEMORIAL TOWN HALL  
SOUTHERN ELEVATION & EAST

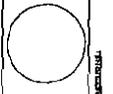


EXISTING EAST ELEVATION



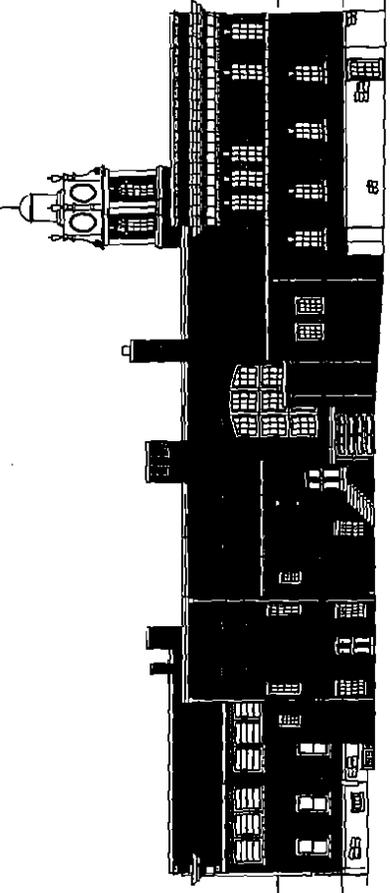
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MEMORIAL TOWN HALL  
HARDEN, CONNECTICUT



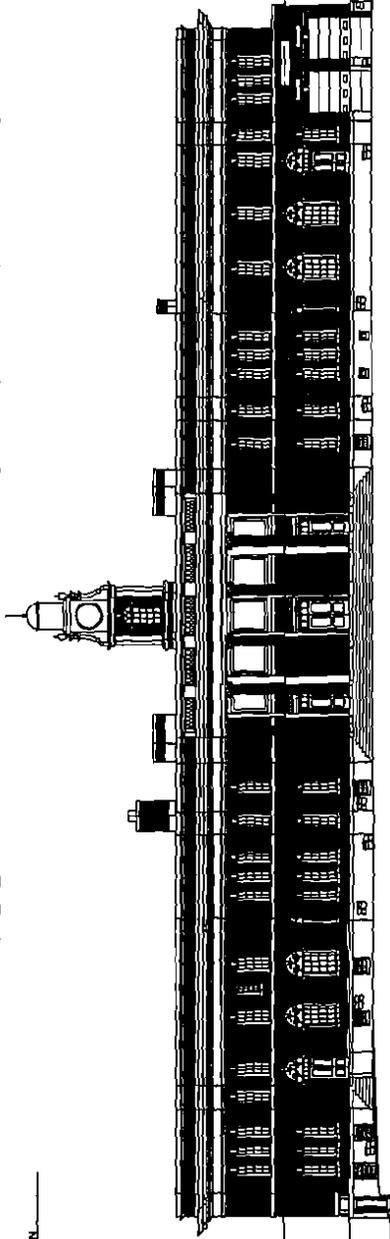
EXISTING  
ELEVATIONS

DATE: 10-1-08  
DRAWN BY: J. J. GARDNER  
PROJECT NO: 100-100  
EC-202  
BY: J. J. GARDNER



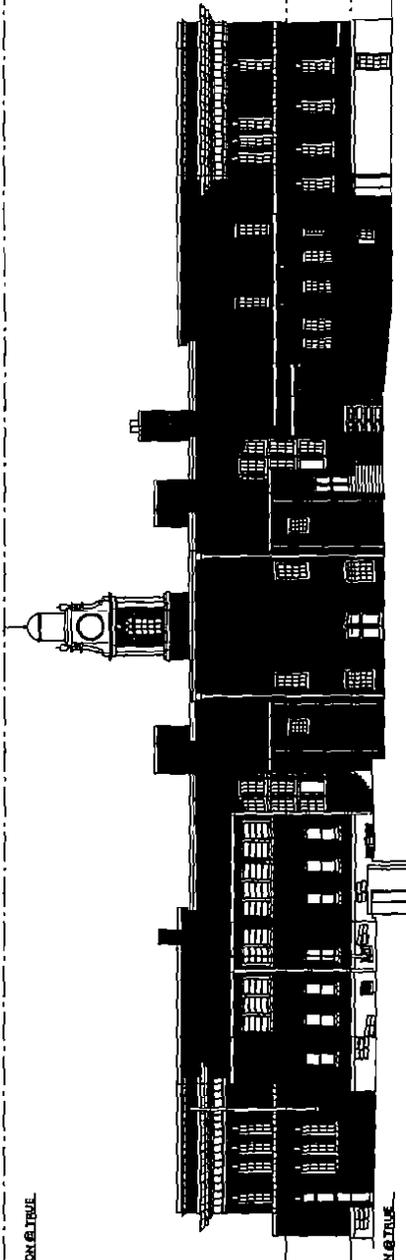
EXISTING WEST ELEVATION

EXISTING WEST ELEVATION



EXISTING FRONT ELEVATION @ TRUE

EXISTING FRONT ELEVATION @ TRUE



EXISTING REAR ELEVATION @ TRUE

EXISTING REAR ELEVATION @ TRUE

MEMORIAL TOWN HALL  
HAMDEN, CONNECTICUT

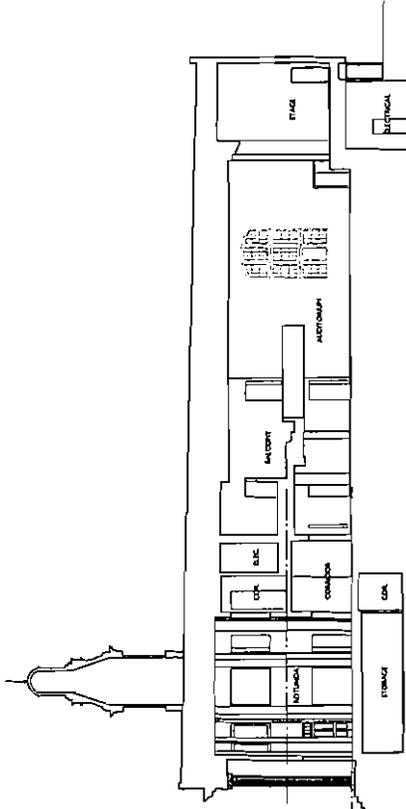


REVISIONS

EXISTING  
BUILDING  
SECTIONS

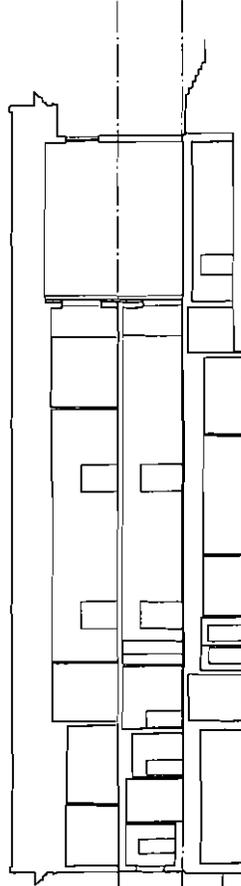
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DRAWN BY: EMB  
CITY JOB NO: 0108

EC-203  
BY: JAMES SULLIVAN/STATION



← SECTION 1  
← SECTION 2  
← SECTION 3

**BUILDING SECTION #1 - THROUGH ROTUNDA & AUDITORIUM**



← SECTION 4  
← SECTION 5  
← SECTION 6

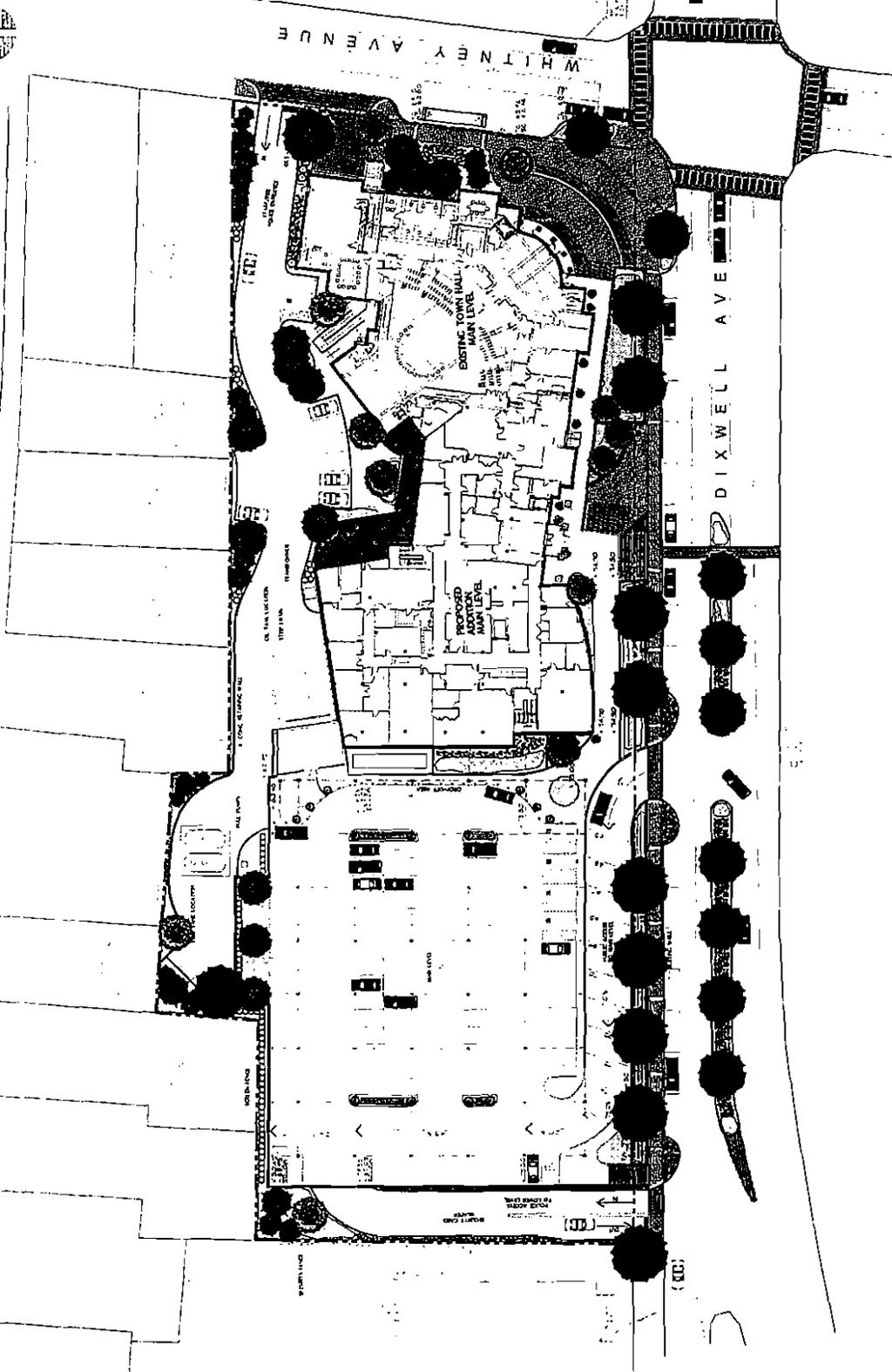
**BUILDING SECTION #2 - THROUGH WEST WING**





HAMDEN MEMORIAL TOWN HALL  
POLICE HEADQUARTERS  
HAMDEN, CONNECTICUT

SCHEMATIC  
SITE  
PLAN  
DATE: 10/1/88  
DRAWN BY: JRM  
PROJECT NO.: 1-102  
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NOTES:  
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE AND THE LATEST EDITIONS OF THE INTERNATIONAL PLUMBING AND MECHANICAL CODES.  
2. ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE.  
3. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL BUILDING DEPARTMENT.  
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.  
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.  
6. ALL UTILITIES SHALL BE PROTECTED AND DEEPER THAN THE FINISHED GRADE.  
7. ALL EXISTING UTILITIES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY.  
8. ALL NEW UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.  
9. ALL NEW UTILITIES SHALL BE PROTECTED AND DEEPER THAN THE FINISHED GRADE.  
10. ALL NEW UTILITIES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY.  
11. ALL NEW UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.  
12. ALL NEW UTILITIES SHALL BE PROTECTED AND DEEPER THAN THE FINISHED GRADE.  
13. ALL NEW UTILITIES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY.  
14. ALL NEW UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.  
15. ALL NEW UTILITIES SHALL BE PROTECTED AND DEEPER THAN THE FINISHED GRADE.  
16. ALL NEW UTILITIES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY.  
17. ALL NEW UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.  
18. ALL NEW UTILITIES SHALL BE PROTECTED AND DEEPER THAN THE FINISHED GRADE.  
19. ALL NEW UTILITIES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY.  
20. ALL NEW UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.



HAMDEN MEMORIAL TOWN HALL  
POLICE HEADQUARTERS  
HAMDEN, CONNECTICUT

SCHEMATIC  
SITE  
PLAN

L-103

DATE: 04/17/88  
SCALE: 1/8" = 1'-0"

ARCHITECT:  
HARRIS, HARRIS & HARRIS, INC.  
1000 MAIN STREET  
HAMDEN, CT 06430  
TELEPHONE: (203) 539-1100

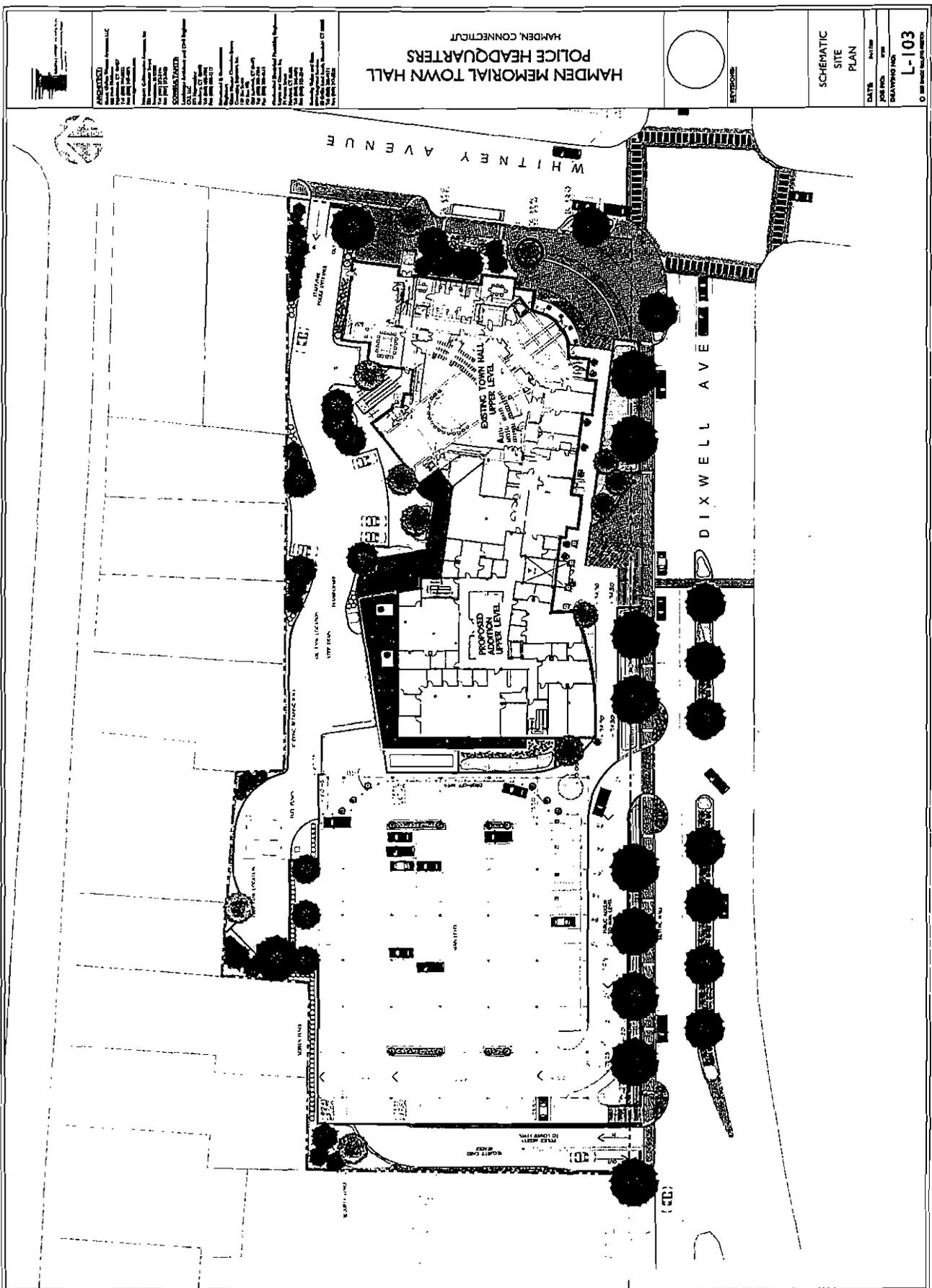
SCHEMATIC DESIGNER:  
HARRIS, HARRIS & HARRIS, INC.  
1000 MAIN STREET  
HAMDEN, CT 06430  
TELEPHONE: (203) 539-1100

ENGINEER:  
HARRIS, HARRIS & HARRIS, INC.  
1000 MAIN STREET  
HAMDEN, CT 06430  
TELEPHONE: (203) 539-1100

PLANNING:  
HARRIS, HARRIS & HARRIS, INC.  
1000 MAIN STREET  
HAMDEN, CT 06430  
TELEPHONE: (203) 539-1100

LANDSCAPE ARCHITECT:  
HARRIS, HARRIS & HARRIS, INC.  
1000 MAIN STREET  
HAMDEN, CT 06430  
TELEPHONE: (203) 539-1100

CONTRACTOR:  
HARRIS, HARRIS & HARRIS, INC.  
1000 MAIN STREET  
HAMDEN, CT 06430  
TELEPHONE: (203) 539-1100



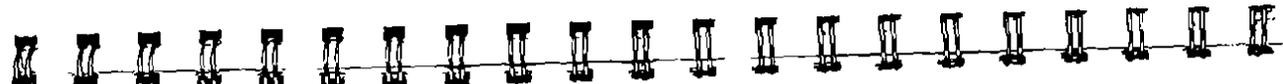
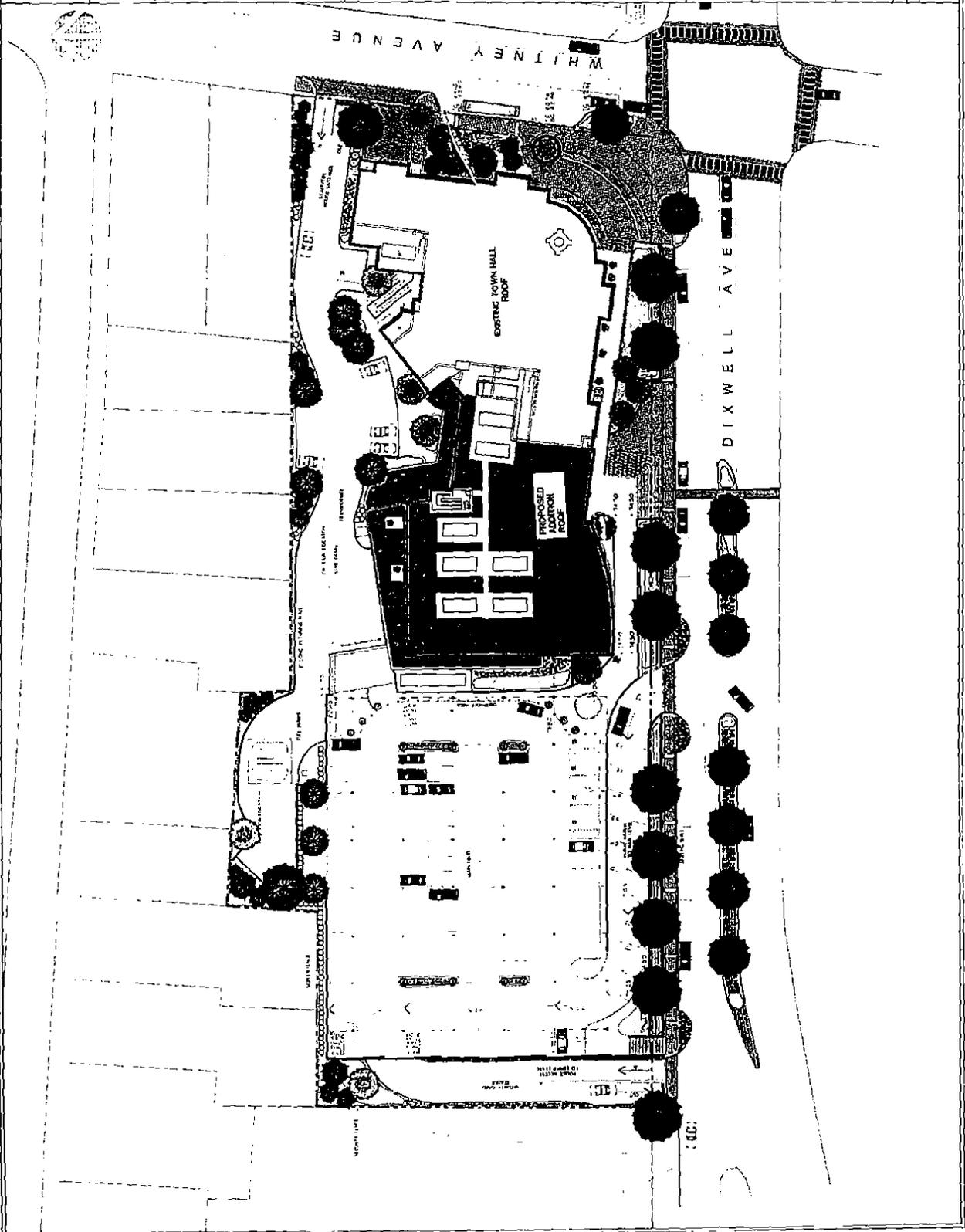
HAMDEN MEMORIAL TOWN HALL  
POLICE HEADQUARTERS  
HAMDEN, CONNECTICUT

SCHEMATIC  
SITE  
PLAN

L-104

DATE: 10/15/03  
DRAWN BY: J. J. [unreadable]  
SCALE: 1/8" = 1'-0"

- 1. EXISTING TOWN HALL ROOF
- 2. PROPOSED ADDITION ROOF
- 3. EXISTING DRIVEWAY
- 4. PROPOSED DRIVEWAY
- 5. EXISTING PARKING
- 6. PROPOSED PARKING
- 7. EXISTING LANDSCAPE
- 8. PROPOSED LANDSCAPE
- 9. EXISTING UTILITIES
- 10. PROPOSED UTILITIES
- 11. EXISTING FENCE
- 12. PROPOSED FENCE
- 13. EXISTING SIGNAGE
- 14. PROPOSED SIGNAGE
- 15. EXISTING LIGHTING
- 16. PROPOSED LIGHTING
- 17. EXISTING ACCESS
- 18. PROPOSED ACCESS
- 19. EXISTING CURB
- 20. PROPOSED CURB
- 21. EXISTING SIDEWALK
- 22. PROPOSED SIDEWALK
- 23. EXISTING DRIVE
- 24. PROPOSED DRIVE
- 25. EXISTING DRIVEWAY
- 26. PROPOSED DRIVEWAY
- 27. EXISTING DRIVEWAY
- 28. PROPOSED DRIVEWAY
- 29. EXISTING DRIVEWAY
- 30. PROPOSED DRIVEWAY
- 31. EXISTING DRIVEWAY
- 32. PROPOSED DRIVEWAY
- 33. EXISTING DRIVEWAY
- 34. PROPOSED DRIVEWAY
- 35. EXISTING DRIVEWAY
- 36. PROPOSED DRIVEWAY
- 37. EXISTING DRIVEWAY
- 38. PROPOSED DRIVEWAY
- 39. EXISTING DRIVEWAY
- 40. PROPOSED DRIVEWAY
- 41. EXISTING DRIVEWAY
- 42. PROPOSED DRIVEWAY
- 43. EXISTING DRIVEWAY
- 44. PROPOSED DRIVEWAY
- 45. EXISTING DRIVEWAY
- 46. PROPOSED DRIVEWAY
- 47. EXISTING DRIVEWAY
- 48. PROPOSED DRIVEWAY
- 49. EXISTING DRIVEWAY
- 50. PROPOSED DRIVEWAY



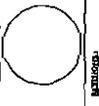
**HAMDEN MEMORIAL TOWN HALL**  
**HAMDEN, CONNECTICUT**

ARCHITECT: **PERKINS+WILL**  
 600 North Dearborn Street  
 Chicago, IL 60610  
 Tel: 312.344.4000  
 Fax: 312.344.4001  
 www.perkinswill.com

CONTRACT NO.: **104a**  
 DATE: **10/15/04**  
 DRAWING NO.: **A-104a**  
 PROJECT NO.: **04-001**

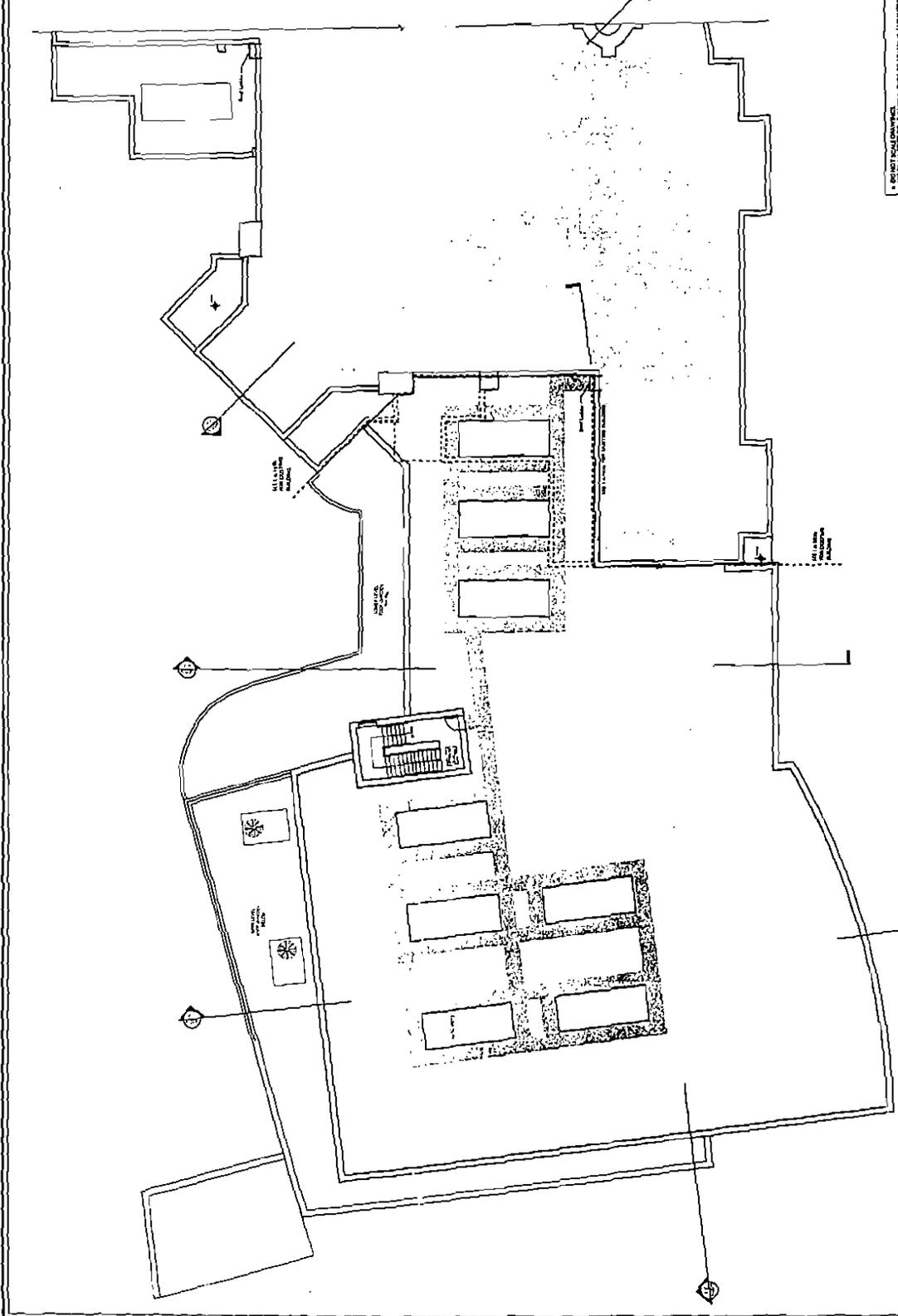
CONTRACTOR: **PERKINS+WILL**  
 600 North Dearborn Street  
 Chicago, IL 60610  
 Tel: 312.344.4000  
 Fax: 312.344.4001  
 www.perkinswill.com

PROJECT NO.: **04-001**  
 DATE: **10/15/04**  
 DRAWING NO.: **A-104a**



**SCHMATIC**  
**ROOF LEVEL**  
**FLOOR PLAN**

**A-104a**



\* REFER TO ALL DRAWINGS FOR TO BE MAINTAINED WORK  
 \* SEE ALL DIMENSIONS FROM THE FACE TO THE FACE UNLESS OTHERWISE NOTED

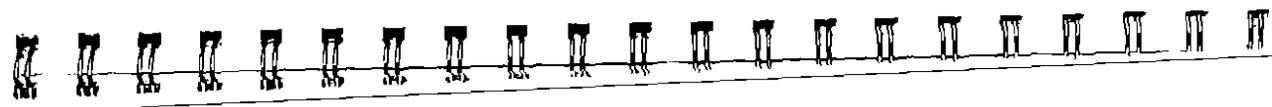
SYMBOL	DESCRIPTION
(Symbol)	EXISTING WALL
(Symbol)	NEW WALL
(Symbol)	EXISTING DOOR
(Symbol)	NEW DOOR
(Symbol)	EXISTING WINDOW
(Symbol)	NEW WINDOW
(Symbol)	EXISTING FLOOR
(Symbol)	NEW FLOOR
(Symbol)	EXISTING CEILING
(Symbol)	NEW CEILING

**LEGEND**

SYMBOL	DESCRIPTION
(Symbol)	EXISTING WALL
(Symbol)	NEW WALL
(Symbol)	EXISTING DOOR
(Symbol)	NEW DOOR
(Symbol)	EXISTING WINDOW
(Symbol)	NEW WINDOW
(Symbol)	EXISTING FLOOR
(Symbol)	NEW FLOOR
(Symbol)	EXISTING CEILING
(Symbol)	NEW CEILING

UPPER LEVEL FLOOR PLAN

10/15/04



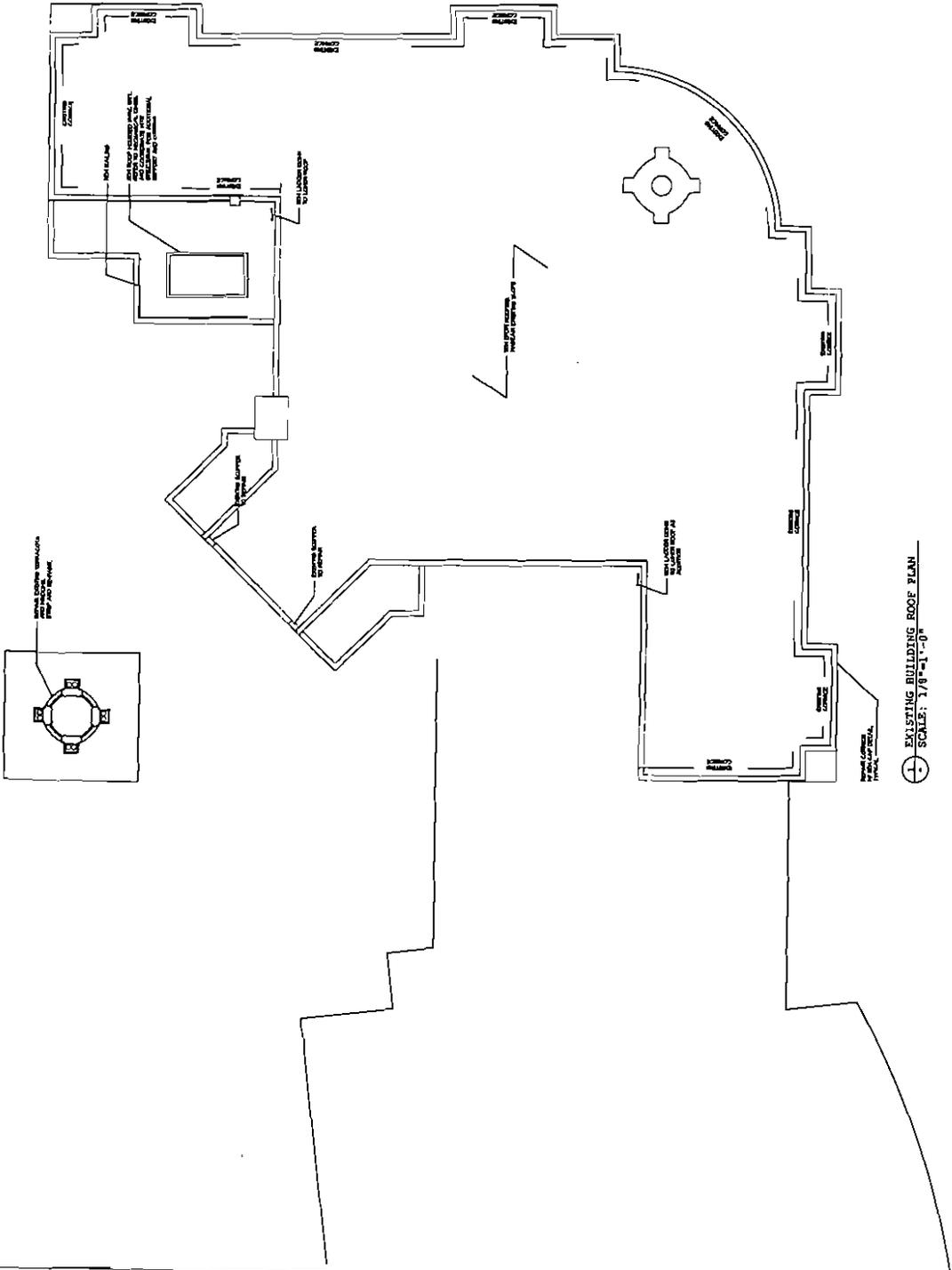
HAMDEN MEMORIAL TOWN HALL  
 POLICE HEADQUARTERS  
 HAMDEN, CONNECTICUT



DATE: \_\_\_\_\_  
 DRAWING NO: **A-104b**  
 JOB NO: \_\_\_\_\_

**ARCHITECT:**  
 James C. ...  
 123 ...  
 ...

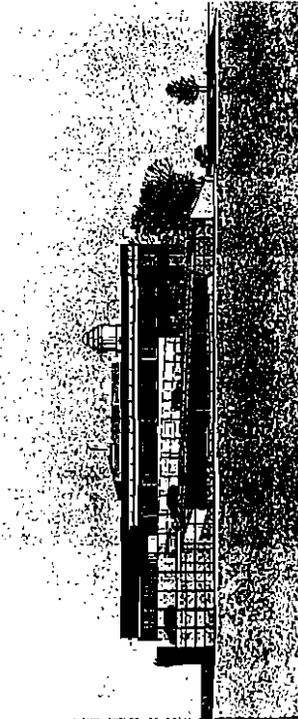
**STRUCTURAL ENGINEER:**  
 ...  
 ...



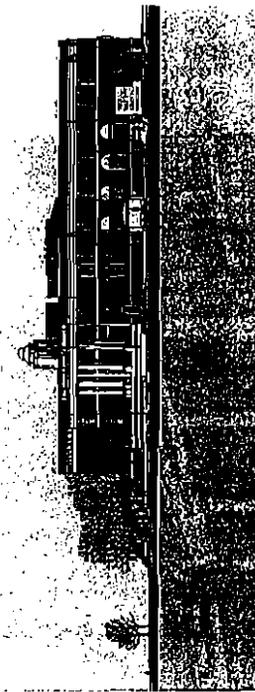
EXISTING BUILDING ROOF PLAN  
 SCALE: 1/8"=1'-0"



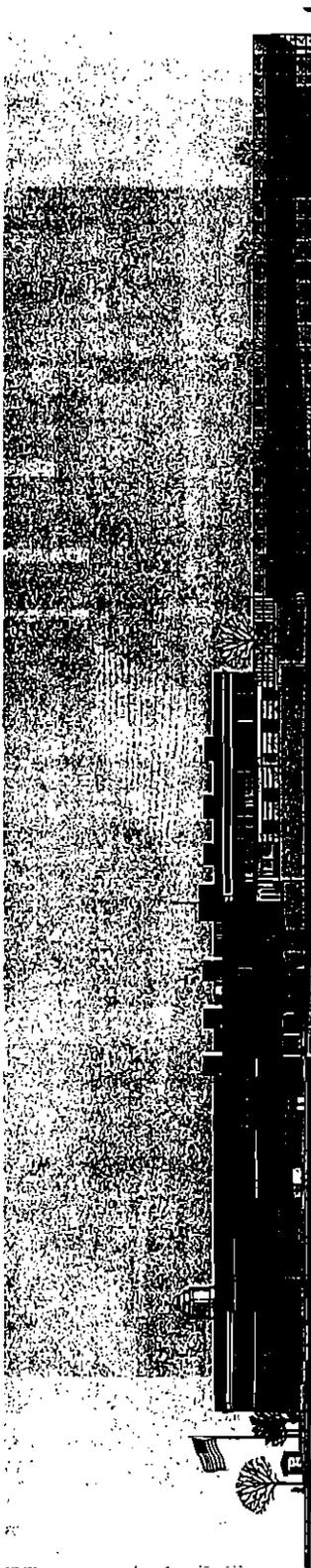
EXTERIOR ELEVATION @ DINWELL AVE



EXTERIOR ELEVATION @ REAR GARAGE



EXTERIOR ELEVATION @ WHITNEY AVE



EXTERIOR ELEVATION @

HAMDEN MEMORIAL TOWN HALL  
POLICE HEADQUARTERS  
HAMDEN, CONNECTICUT



ARCHITECT

EXTERIOR  
ELEVATION

DATE: 11/15/08  
REVISED: 07/08  
DRAWING NO.

A-200

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Architect: **W. J. & A. J. Architects, Inc.**  
1000 Main Street, Suite 200  
Hamden, CT 06430  
Tel: (203) 239-1100  
Fax: (203) 239-1101  
www.wja.com

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Fax: (203) 239-1101  
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Engineer: **W. J. & A. J. Architects, Inc.**  
1000 Main Street, Suite 200  
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Interior Designer: **W. J. & A. J. Architects, Inc.**  
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Structural Engineer: **W. J. & A. J. Architects, Inc.**  
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Fax: (203) 239-1101  
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MEP Engineer: **W. J. & A. J. Architects, Inc.**  
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Fax: (203) 239-1101  
www.wja.com

Architectural Photographer: **W. J. & A. J. Architects, Inc.**  
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Fax: (203) 239-1101  
www.wja.com

HAMDEN MEMORIAL TOWN HALL  
POLICE HEADQUARTERS  
HAMDEN, CONNECTICUT

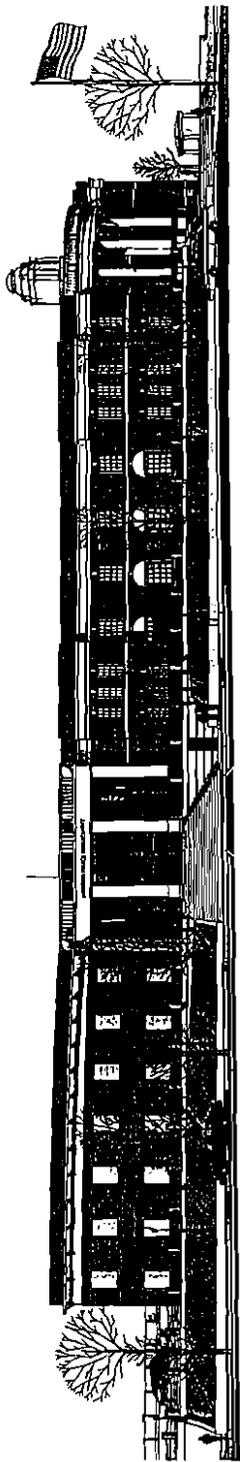


EXTERIOR

EXTERIOR  
ELEVATIONS

DATE: 11/17/18  
BY: J. D. [unreadable]  
DRAWING NO. [unreadable]

**A-201**



EXTERIOR ELEVATION @ DIXWELL AVE.



EXTERIOR ELEVATION @ DIXWELL AVE.