

MEMORANDUM

March 10, 2009

TO: Public Safety Committee
FROM: Minna K. Davidson, Legislative Analyst *MKD*
SUBJECT: FY09-14 Capital Improvements Program amendments – Fire and Rescue Service

The following individuals will attend this worksession:

- Richard Bowers, Interim Fire Chief, Montgomery County Fire and Rescue Service (MCFRS)
- June Evans, CIP Coordinator, MCFRS
- Jim Stiles, Acting Chief, Division of Building Design and Construction, Department of General Services (DGS)
- Steven Emanuel, Director, Department of Technology Services (DTS)
- Blaise DeFazio, Management and Budget Specialist, Office of Management and Budget (OMB)

During this worksession the Committee will review four Fire and Rescue Service projects that were subjects of the Council's February 10 public hearing on FY09-14 CIP amendments.

New Project – Fire Station Alerting System Upgrades

New Project: Fire Station Alerting System Upgrades, No. 4545100 (in \$000s)

	Total	Thru FY08	6 Years	FY09	FY10	FY11	FY12	FY13	FY14
CE Rec.	3,840	0	3,840		500	500	500	2,340	0

Recommended funding source: \$3,840 in G.O. Bonds

CE recommended PDF on © 1.

The proposed project would modernize the fire station alerting system at 32 existing stations. The project would be phased over four years and would address the systems that are

most in need of replacement first. (A prioritized list is attached on © 2.) Funds for alerting systems for new and replacement stations are included in the CIP projects for those stations.¹

An alerting system sounds audible tones and, through data transmission, produces a printout with the address, call type, and other relevant information when an incident is dispatched to a station. Although the current Motorola System Control and Alerting Device (MOSCAD) alerting system was purchased in FY03 and implemented in FY04, MCFRS has determined that system components cannot be purchased for new stations, and replacement parts may not be available for existing stations. A backup alerting system is available through existing handheld pagers, but it is not reliable as a long term solution. The new West Germantown station will receive alerts by pager until a new permanent system is obtained.

According to MCFRS and DTS, the requested permanent solution, a system from Westnet, Inc., is the most advanced turnkey fire station alerting system available. The system is functioning in Prince William County (which has the same CAD system as Montgomery County uses) and will provide regional interoperability with Arlington, Fairfax, Prince William, Stafford, Loudoun, and Prince Georges County as well. MCFRS anticipates bridging Prince William's contract to procure the new system, and the cost estimate in the CIP project is based on Prince William's costs.

Council staff comments: *Council staff is concerned that the need for a new fire station alerting system was not raised as an issue during previous joint Public Safety and Management and Fiscal Policy Committee reviews of the Public Safety Communications System (PSCS).*

The current MOSCAD system was funded through a supplemental appropriation in FY03 (funds were originally requested in FY02, but were not used and reverted to fund balance) outside of the main procurement for the PSCS, and after Executive Branch staff determined that the then non-standardized station alerting systems were in varying states of repair and could not uniformly be supported. Council staff is concerned that the station alerting system again seems to be outside of the main planning for the PSCS, and the need for a replacement is again arising on an emergency basis.

The Directors of MCFRS and the Department of Technology Services have provided responses to several Council staff questions touching on these issues on © 3-4. **Council staff suggests that the Committee discuss them with Executive staff before developing a recommendation on the station alerting project for the Council.**

Council staff recommendation: *Approve this project as recommended by the Executive. Request that the Executive include fire station alerting systems explicitly in all further Public Safety Communications System planning.*

¹ New stations: East and West Germantown, Travilah, Clarksburg. Replacement stations: Takoma Park and Wheaton Rescue Squad

Changes to Existing Projects

East Germantown Fire Station, No. 450101, PDF 15-7 (in \$000s)

	Total	Thru FY08	6 Years	FY09	FY10	FY11	FY12	FY13	FY14
Approved	17,062	6,014	11,048	8,832	2,216	0	0	0	0
CE Rec.	16,262	6,014	10,248	8,832	1,416	0	0	0	0
Difference	-800	0	-800	0	-800				

*Recommended funding sources: \$15,556 in G.O. Bonds, \$706 in CFTD current revenue
CE Recommended PDF on © 7. Approved PDF on © 8.*

The Executive recommends a reduction of \$800,000 in expenditures and appropriation for this project because the actual construction bid was lower than the amount budgeted. Construction costs were budgeted at \$7.6 million, but the bid came in at \$6.56 million, or \$1.04 million below budget. The construction contractor is currently behind schedule, and the Executive recommends reducing the project cost by approximately 80% of the difference to leave flexibility in case issues arise in conjunction with the construction delay.

As of the fall CIP update in November, construction completion was anticipated by winter 2009/2010. According to MCFRS staff, completion is now estimated for March 2010. ***The Committee may want to ask about the reasons for the delay, and what is being done to address it.***

Council staff recommendation: *Approve as recommended by the Executive.*

Travilah Fire Station, No. 450504, PDF 15-17 (in \$000s)

	Total	Thru FY08	6 Years	FY09	FY10	FY11	FY12	FY13	FY14
Approved	5,889	2,364	3,525	2,025	1,500	0	0	0	0
CE Rec.	5,889	2,364	3,525	2,025	650	850	0	0	0
Difference	0	0	0	0	-850	850	0	0	0

*Recommended funding sources: \$5,183 in G.O. Bonds, \$706 in CFTD current revenue
CE Recommended PDF on © 9. Approved PDF on © 10.*

This project provides for the construction of a new fire-rescue station at 9710 Great Seneca Highway and the purchase of associated apparatus – an EMS unit and an engine.

Originally, the project had been recommended for construction in conjunction with the renovation of the PSTA. The station was to be sited on the west side of the existing PSTA garage and living quarters were to be constructed above the station’s two bays and one of the bays in the PSTA garage. The project was designed and permitted in this configuration.

Last year, the Executive proposed relocating the PSTA to another site and changing the Travilah station to a stand-alone project on the current site as part of his comprehensive Property Use/Smart Growth Initiative. For the Travilah Fire Station PDF, the major change was to remove the language from the previous PDF that described the station as connected to the PSTA academic building, and cross-referenced it to the PSTA project. The Council ultimately approved the PDF as recommended by the Executive. The Public Safety Committee intended to revisit the Travilah Fire Station during further review of the public safety elements of the Property Use/Smart Growth Initiative.

PDF changes: The Executive's recommended CIP amendment would specify that a three bay stand alone station will be built by adding the following new language (underlined) to the description:

This project provides for the construction of a new fire-rescue station at 9710 Great Seneca Highway and the purchase of associated apparatus. Fire/Rescue apparatus to be purchased for this station includes an EMS unit and an engine. The configuration of the fire station has been changed from a 2-bay fire station to a 3-bay fire station to accommodate expanded needs. This project's scope and schedule changed because the station was planned to be connected to the Public Safety Training Academy, but due to the Academy's relocation for the Smart Growth Initiative, the station will now be a stand alone facility.

In the project justification, it also adds the completion of the Johns Hopkins University Belward Campus and Crown Village Community to the factors expected to increase the volume of fire-rescue incidents.

Costs: The recommended PDF retains the same \$5.889 million total project cost as in the approved PDF. However, the Fiscal note indicates that the project provides only for the design phase and that final construction costs will be determined during the design development stage. The total project cost is estimated at \$12 to \$15 million. The project would remain fully appropriated at \$5.889 million, with \$323,000 expended and an unencumbered balance of \$5.566 million.

Proposed new station: The proposed station would be sited on the southeast corner of the current PSTA site. An aerial view of the proposed location is attached on © 11. Because of site constraints, the station would be limited to three bays, and would have to be two stories instead of MCFRS' preferred one story design. The station's living areas and offices would be built over storage, bunk rooms, and locker rooms on the first floor. Conceptual drawings from the Program of Requirements show the potential site plan (© 12-13), building layout (© 14-15), and elevations (© 16-17).

The station would have two egress points. One would go to the east via Great Seneca Highway. The other would go to the west via an egress drive across Pepco property to the intersection of Darnestown and Travilah Roads. An easement from Pepco will be needed for the egress road to the west. A preliminary easement agreement has been prepared by Pepco and is under review by the County Attorney.

Issue - Future of the PSTA: As part of the Property Use/Smart Growth Initiative, the Executive is currently proposing moving the PSTA to the Webb Tract. However, the Executive has not yet provided many of the details about his proposal, and the Council has not taken any action to formally approve or disapprove it. *Considering that a final decision has not been made about relocating the PSTA, it may be premature to commit to building a stand alone Travilah Fire Station.*

In response to Council staff's question about what would happen if the PSTA does not move, MCFRS provided the following response:

Question: If the PSTA does not move, would a stand-alone station at the proposed location interfere with the renovation of the PSTA or redesign of the training academy on the current site?

Response: If the PSTA does not move then construction would resume on the currently designed and permitted, two story, two bay facility adjacent to the existing MCFRS training bays. An egress drive across the PEPCO substation would still be needed. Because this location does not allow for the addition of a third apparatus bay, one of the existing training bays would be used as a third apparatus bay for the station.

Issue – Costs included in the Executive's recommended PDF: The Executive's recommended PDF says that the costs are for design only, but the expenditure schedule only shows costs in FY10 and FY11 for Construction and Site Improvements and Utilities. No funds are actually budgeted for Planning Design and Supervision in those years, and it is not clear how much design of a new stand alone station would cost. In addition, although the expenditure schedule does not accurately reflect the current plans, the full \$5,889 million for the project is appropriated.

Council staff recommendations:

- *Since the Executive would return to the original plan for a two bay station connected to the PSTA if the PSTA is not relocated, do not change the project description to a stand alone three bay station at this time. Reconsider the Travilah Fire Station project after the Council makes a formal decision on the future of the PSTA.*
- *If the Committee agrees with the first recommendation, retain the approved PDF, but shift \$850,000 from FY10 to FY11 as requested by the Executive for fiscal capacity. Consider including language in the PDF stating that the Executive must not use funds in this project to design a three bay stand alone station.*
- *If the Committee concurs with the Executive's proposal to design a three bay stand alone station, request that the Executive revise the PDF to accurately reflect the cost for the design and the expenditure schedule.*

Wheaton Rescue Squad Relocation, No. 450505, PDF 15-19 (in \$000s)

	Total	Thru FY08	6 Years	FY09	FY10	FY11	FY12	FY13	FY14
Approved	11,804	6,629	5,175	3,507	1,668	0	0	0	0
CE Rec.	11,804	6,629	5,175	3,507	168	500	1,000	0	0
Difference	0	0	0	0	-1,500	500	1,000		

Recommended funding sources: \$11,798 in G.O. Bonds, \$6 in PAYGO

CE Recommended PDF on © 17. Approved PDF on © 18.

For this project, the Executive recommends a shift of funds for fiscal capacity. A total of \$1.5 million would be deleted from FY10, \$500,000 would be added in FY11, and \$1 million would be added in FY12. Although the approved PDF showed completion in FY10, the November CIP update estimated that completion would be in the fourth quarter of FY11, and MCFRS staff said that completion is now expected in FY12. Station plans and elevations are attached on © 19-21 for reference.

Issue – new cost estimates: Executive staff solicited three new cost estimates for this project for budgeting purposes. They expect that updated cost information will be available within 30 days. DGS staff believe that it will be possible to update the PDF to reflect the new information shortly after all of the estimates are received.

Council staff recommendation: *Request that Executive staff provide an updated PDF before making a Committee recommendation on this project.*

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circle #

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Fire Station Alerting System Upgrades -- No. 451000

Category: Public Safety
 Subcategory: Fire/Rescue Service
 Administering Agency: Fire/Rescue Service
 Planning Area: Countywide

Date Last Modified: No
 Required Adequate Public Facility: None
 Relocation Impact: None
 Status: Planning Stage

January 12, 2009
 No
 None
 Planning Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	576	0	0	576	0	75	75	75	351	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	3,264	0	0	3,264	0	425	425	425	1,989	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,840	0	0	3,840	0	500	500	500	2,340	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	3,840	0	0	3,840	0	500	500	500	2,340	0	0
Total	3,840	0	0	3,840	0	500	500	500	2,340	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				657	0	0	63	94	250	250
Net Impact				657	0	0	63	94	250	250

DESCRIPTION

This project provides for modernizing the fire station alerting system at 32 existing stations, maintaining the ability to notify fire and rescue stations of emergencies. The alerting system, including audible and data signals, is essential for the notification of an emergency and the dispatch of appropriate response units from the county. The final design and installation will accommodate varying conditions from station to station. Some of the components of the current system are old and cannot be replaced. If a system breaks down, there might not be a reliable method of dispatching fire and rescue apparatus to emergency incidents.

JUSTIFICATION

Identified as a need under Section 5 of the MCFRS Master Plan, as adopted by the County Council in October 2005, and detailed in the Station Alerting and Public Address (SA/PA) System for Fire/Rescue Stations, Rev 1, 2006, this project allows for the continuous and seamless functioning of the alerting systems within each fire station. A preliminary survey by DTS of existing conditions at all stations revealed systemwide concerns, including inadequate spare parts inventory and lack of available maintenance support for alerting systems.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td style="text-align: center;">FY10</td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td style="text-align: center;">FY10</td> <td style="text-align: right;">3,840</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td style="text-align: center;">FY10</td> <td style="text-align: right;">500</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Transfer</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Partial Closeout Thru</td> <td style="text-align: center;">FY07</td> <td style="text-align: right;">0</td> </tr> <tr> <td>New Partial Closeout</td> <td style="text-align: center;">FY08</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td style="text-align: right;">0</td> </tr> </table>	Date First Appropriation	FY10	(\$000)	First Cost Estimate	FY10	3,840	Current Scope			Last FY's Cost Estimate		0				Appropriation Request	FY10	500	Supplemental Appropriation Request		0	Transfer		0				Cumulative Appropriation		0	Expenditures / Encumbrances		0	Unencumbered Balance		0				Partial Closeout Thru	FY07	0	New Partial Closeout	FY08	0	Total Partial Closeout		0	<p>COORDINATION</p> <p>Montgomery County Fire and Rescue Service Local Volunteer Fire and Rescue Departments Department of Technology Services Department of Permitting Services CIP project #340901: Public Safety Communications System Upgrade and Mod</p>	
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Total Partial Closeout		0																																																

Fire Station Alerting System Replacement Schedule

Immediate Station Priorities

Bethesda Station 6
Kensington Station 25
Gaithersburg Station 28
Hillandale Station 24
Kensington Station 21
Glen Echo Station 11
Cabin John Station 30

Final order to be determined through a joint DTS/MCFRS review

Rockville Station 3
Hillandale Station 12
Silver Spring Station 19
Rockville Station 33
Rockville Station 31
Cabin John Station 10
Gaithersburg Station 8
Sandy Spring Station 40
Kensington Station 5
Hyattstown Station 9
Damascus Station 13
Upper Montgomery County Station 14
Silver Spring Station 16
Germantown Station 29
Bethesda Station 26
Rockville Station 23
Bethesda Station 20
Burtonsville Station 15
Chevy Chase Station 7
Laytonsville Station 17
Kensington Station 18
Silver Spring Station 1
Sandy Spring Station 4
Bethesda-Chevy Chase Rescue Squad
Interim Clarksburg Station 35



DEPARTMENT OF TECHNOLOGY SERVICES

Isiah Leggett
County Executive

E. Steven Emanuel
Chief Information Officer

MEMORANDUM

March 4, 2009

TO: Minna Davidson
Legislative Analyst

FROM: Richard Bowers
Interim Fire Chief

E. Steven Emanuel
Chief Information Officer

SUBJECT: MOSCAD CIP Q&A

The members of the Public Safety leadership team in conjunction with DTS are pleased to provide responses to your questions from your email of February 23, 2009.

1. **At Council staff's request, MCFRS staff compiled a list of the PSCS elements used by Fire and Rescue (attached). How will the County assure that the new alerting system will be compatible with the existing elements on the list, and with any new PSCS systems that are purchased in the future?**

The requested Station Alerting solution uses current Technology and is the most advanced turnkey fire station alerting system available. This system is compliant with DTS's overall Strategic Plan.

The proposed system is functioning in Prince William County, which has the same 911 Computer Aided Dispatch (CAD) system that Montgomery County utilizes. All new, industry tested CAD systems have the ability to interface with the proposed Alerting system. In addition to solving the immediate need for alerting at new stations and failing systems, another benefit for this system is the capability to provide regional interoperability with the counties of Arlington, Fairfax, Prince William, Stafford, Loudon, and Prince Georges. This design enables, automatic inter-agency alerting with all border stations, from all adjoining dispatch centers.

2. **How will the Public Safety Communications Plan integrate the replacement of the station alerting system now with plans for the replacement of the overall PSCS in the future?**

Station Alerting provides for a specific function as a part of the Public Safety systems portfolio. Any future replacement systems will integrate with and support the proposed Alerting System. This new system would be included as part of the overall requirements and integration plan for any future solutions.

3. **Are there communication technologies such as WiFi and WiMax that may replace the over-the-air link to these MOSCAD elements at costs lower than the existing ones? Are there plans to explore such an option (as well as other solutions that may use it beyond MOSCAD)?**

The use of WiFi and/or WiMax have not been proven in conjunction with a Station Alerting application. There would be far too many interfaces to construct and both cost and reliability are unknowns. Although the theory is plausible, it has not been demonstrated as a production solution in any Public Safety environment today. Additionally, security of the application, using these wireless solutions would have to be investigated and validated. A major benefit to the proposed alerting system, which would be using the county's FiberNet backbone, would be to communicate with the dispatch center using existing infrastructure, eliminating the incurrence of any significant, new network construction costs. MCFRS and DTS are planning to investigate the possibility of using alternate technologies including WiFi and WiMax as a potential backup communications option.

4. **Are there other systems in public safety departments which may require similar emergency attention? If so, which are they, and what is an approximate timeframe for such requests?**

At the present time, the CAD system has the highest priority, followed closely by the Public Safety radio system. While neither of these are in critical path, both solutions have the potential to require emergency investment. DTS and the Public Safety teams are preparing for a comprehensive evaluation of all systems to identify where modern technology may encompass or replace existing solutions. The completed evaluation will assist the Public Safety agencies in validating or modifying priorities for the long-term plans.

The challenges with the radio system hinge on the termination of the standard maintenance contract in October, 2009. After this date, maintenance programs will not be at the same service levels and replacement hardware for physical failures could be difficult to acquire. For the CAD system, the urgency of replacement will be driven by the timing and specifications for the next generation 9-1-1, and the level of success realized from the current efforts to replace end-of-life public safety servers. In addition, funding reductions for ongoing public safety mobile computers and server replacements would potentially increase the likelihood for the need of future emergency replacement situations.

If we can be of any further assistance to support this important effort, please don't hesitate to ask.

Cc: K. Boucher, ACAO
W. Ferretti, Deputy Dir., Police 911 ECC
T. Manger, Chief of Police
B. Melby, Director, Police 911 ECC
C. Toregas, Council IT Advisor
C. Voss, Director, OEMHS

Fire and Rescue CAD Related IT Systems and Equipment

1) Systems



Items	Year Purchased	Expectancy
Computer Aided Dispatch (Altaris CAD)	1999	On-going
Mapping (Altaris View)	1999	On-going
Automated Vehicle Location (Altaris AVL)	1999	On-going
Automated Vehicle Route Recommendation (Altaris AVRR)	1999	On-going
Fire station Alerting (MOSCAD)	1999	End of life
Paging	Late 80s	May be migrating to cell phone paging
Mobile dispatch and messaging (InfoServer, MobileRescue)	1999	On-going
Records Management (Firehouse)	2002	On-going
EMS Protocol (ProQA/Aqua)	1999	On-going
Radios	1999	End of life. Will be replaced as part of re-banding effort
Fire station phone system, including the red phone (POTS line) that direct dials to PSCC	Since the opening of fire station	On-going

2) Infrastructure

- a) Remote CAD PCs
- b) Mobile Data Terminals (Toughbooks)
- c) [REDACTED]
- d) Pagers
- e) Servers
- f) Local Area Network
- g) Fibernet
- h) 800 MHz
- i) CDMA (Sprint)

3) Future

- a) Electronic Patient Care Reporting
- b) EMS Billing

East Germantown Fire Station -- No. 450101

Category
Subcategory
Administering Agency
Planning Area

Public Safety
Fire/Rescue Service
General Services
Germantown

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 12, 2009
No
None.
Under Construction

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,830	794	552	484	343	141	0	0	0	0	0
Land	1,800	1,744	56	0	0	0	0	0	0	0	0
Site Improvements and Utilities	200	35	0	165	149	16	0	0	0	0	0
Construction	10,516	7	2,825	7,684	6,973	711	0	0	0	0	0
Other	1,916	1	0	1,915	1,367	548	0	0	0	0	0
Total	16,262	2,581	3,433	10,248	8,832	1,416	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Fire Consolidated	706	0	706	0	0	0	0	0	0	0	0
G.O. Bonds	15,556	2,581	2,727	10,248	8,832	1,416	0	0	0	0	0
Total	16,262	2,581	3,433	10,248	8,832	1,416	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				347	0	0	56	97	97	97	97
Energy				262	0	0	43	73	73	73	73
Program-Staff				12,304	0	2,300	2,501	2,501	2,501	2,501	2,501
Program-Other				625	0	297	82	82	82	82	82
Net Impact				13,538	0	2,597	2,682	2,753	2,753	2,753	2,753
WorkYears					0.0	27.0	27.0	27.0	27.0	27.0	27.0

DESCRIPTION

This project provides for the design and construction of a new Fire and Rescue Station in the Neelsville-Germantown area and the purchase of associated fire apparatus. The facility will be located in the southwest quadrant of the intersection of Boland Farm Road and MD 355 in Germantown. The new station will be constructed in accordance with square footage specifications of the prototype Program of Requirements (POR) for a Class I fire station. A Class I fire station ranges from 19,550 to 20,135 gross square feet and includes apparatus bays, dormitory and support space, personnel living quarters, administrative offices, and meeting/training room. This station will include Personal Protective Equipment storage and Urban Search and Rescue storage totaling 2,000 square feet. On-site parking will be provided. Fire/rescue apparatus to be purchased for this station includes an EMS unit and a pumper.

COST CHANGE

Decrease due to lower than anticipated construction bids.

JUSTIFICATION

A new station is necessary in this area due to the present and projected population density for the Neelsville, Middlebrook, and Germantown areas, and present and future development of Neelsville, Fox Chapel, and Middlebrook shopping centers. This project is recommended in the Fire, Rescue, Emergency Medical Services, and Community Risk Reduction Master Plan approved by the County Council in October 2005 and the MCFRS Station Location and Resource Allocation Work Group, Phase I Report, "Need for Upcounty Fire-Rescue Resource Enhancements," October 14, 1999.

FISCAL NOTE

The expenditures shown as "Other" are for the purchase of new apparatus (\$891,000) and furniture and equipment (\$1,024,000). Future replacement apparatus expenditures will be provided from the Operating Budget of the Montgomery County Fire and Rescue Service. Debt service for this project will be financed with Consolidated Fire Tax District Funds.

OTHER DISCLOSURES

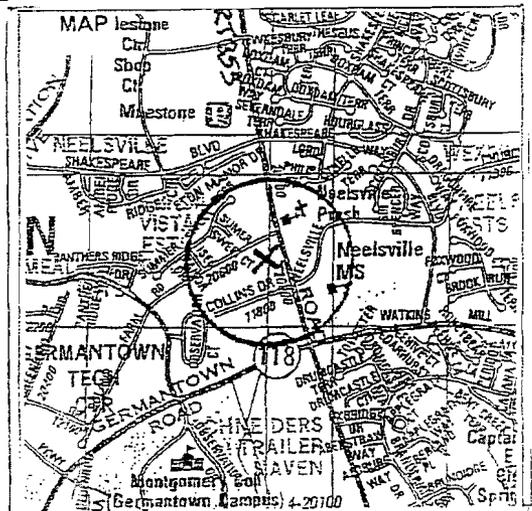
- A pedestrian impact analysis has been completed for this project.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY01	(\$000)
First Cost Estimate		
Current Scope	FY09	17,062
Last FY's Cost Estimate		17,062
Appropriation Request	FY10	-800
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		17,062
Expenditures / Encumbrances		10,705
Unencumbered Balance		6,357
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	0
Total Partial Closeout		0

COORDINATION

Montgomery County Fire and Rescue Service
Department of General Services
Department of Permitting Services
Department of Technology Services
M-NCPPC

Special Projects Legislation was approved
May 25, 2006 (Bill No. 08-06)



East Germantown Fire Station -- No. 450101

Category	Public Safety	Date Last Modified	June 05, 2008
Subcategory	Fire/Rescue Service	Required Adequate Public Facility	No
Administering Agency	General Services	Relocation Impact	None.
Planning Area	Germantown	Status	Under Construction

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,830	627	719	484	343	141	0	0	0	0	0
Land	1,800	1,744	56	0	0	0	0	0	0	0	0
Site Improvements and Utilities	165	0	0	165	149	16	0	0	0	0	0
Construction	11,352	0	2,868	8,484	6,973	1,511	0	0	0	0	0
Other	1,915	0	0	1,915	1,367	548	0	0	0	0	0
Total	17,062	2,371	3,643	11,048	8,832	2,216	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Fire Consolidated	706	0	706	0	0	0	0	0	0	0	0
G.O. Bonds	16,356	2,371	2,937	11,048	8,832	2,216	0	0	0	0	0
Total	17,062	2,371	3,643	11,048	8,832	2,216	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				347	0	0	56	97	97	97
Energy				262	0	0	43	73	73	73
Program-Staff				12,304	0	2,300	2,501	2,501	2,501	2,501
Program-Other				625	0	297	82	82	82	82
Net Impact				13,538	0	2,597	2,682	2,753	2,753	2,753
WorkYears					0.0	27.0	27.0	27.0	27.0	27.0

DESCRIPTION

This project provides for the design and construction of a new Fire and Rescue Station in the Neelsville-Germantown area and the purchase of associated fire apparatus. The facility will be located in the southwest quadrant of the intersection of Boland Farm Road and MD 355 in Germantown. The new station will be constructed in accordance with square footage specifications of the prototype Program of Requirements (POR) for a Class I fire station. A Class I fire station ranges from 19,550 to 20,135 gross square feet and includes apparatus bays, dormitory and support space, personnel living quarters, administrative offices, and meeting/training room. This station will include Personal Protective Equipment storage and Urban Search and Rescue storage totaling 2,000 square feet. On-site parking will be provided. Fire/rescue apparatus to be purchased for this station includes an EMS unit and a pumper.

COST CHANGE

Increase due to construction cost escalation and additional site improvements.

JUSTIFICATION

A new station is necessary in this area due to the present and projected population density for the Neelsville, Middlebrook, and Germantown areas, and present and future development of Neelsville, Fox Chapel, and Middlebrook shopping centers.

This project is recommended in the Fire, Rescue, Emergency Medical Services, and Community Risk Reduction Master Plan approved by the County Council in October 2005 and the MCFRS Station Location and Resource Allocation Work Group, Phase I Report, "Need for Upcounty Fire-Rescue Resource Enhancements," October 14, 1999.

FISCAL NOTE

The expenditures shown as "Other" are for the purchase of new apparatus (\$891,000) and furniture and equipment (\$1,024,000). Future replacement apparatus expenditures will be provided from the Operating Budget of the Montgomery County Fire and Rescue Service. Debt service for this project will be financed with Consolidated Fire Tax District Funds.

OTHER DISCLOSURES

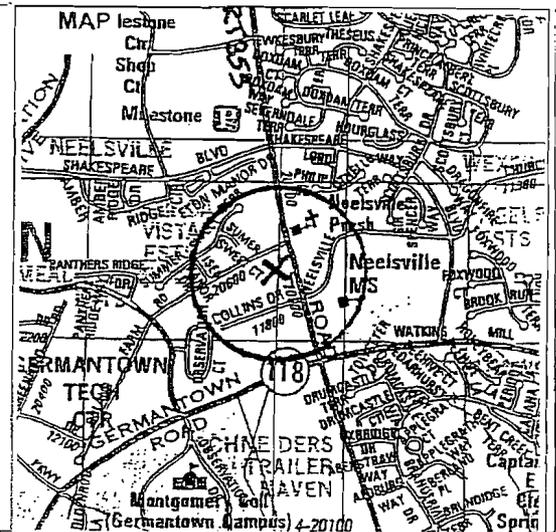
- A pedestrian impact analysis has been completed for this project.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY01	(\$000)
First Cost Estimate		
Current Scope	FY09	17,062
Last FY's Cost Estimate		14,969
Appropriation Request	FY09	2,093
Appropriation Request Est.	FY10	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		14,969
Expenditures / Encumbrances		10,295
Unencumbered Balance		4,674
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Montgomery County Fire and Rescue Service
 Department of General Services
 Department of Permitting Services
 Department of Technology Services
 M-NCPPC

Special Projects Legislation was approved May 25, 2006 (Bill No. 08-06)



Travilah Fire Station -- No. 450504

Category
Subcategory
Administering Agency
Planning Area

Public Safety
Fire/Rescue Service
General Services
Potomac-Travilah

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 12, 2009
No
None.
Preliminary Design Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	678	100	563	15	15	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	841	0	541	300	0	300	0	0	0	0	0
Construction	3,293	0	93	3,200	2,000	350	850	0	0	0	0
Other	1,077	0	1,067	10	10	0	0	0	0	0	0
Total	5,889	100	2,264	3,525	2,025	650	850	0	0	0	0

FUNDING SCHEDULE (\$000)

Fire Consolidated	706	0	706	0	0	0	0	0	0	0	0
G.O. Bonds	5,183	100	1,558	3,525	2,025	650	850	0	0	0	0
Total	5,889	100	2,264	3,525	2,025	650	850	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				228	0	0	0	52	88	88
Energy				173	0	0	0	39	67	67
Program-Staff				7,302	0	0	0	2,300	2,501	2,501
Program-Other				173	0	0	0	39	67	67
Net Impact				7,876	0	0	0	2,430	2,723	2,723
WorkYears					0.0	0.0	0.0	27.0	27.0	27.0

DESCRIPTION

This project provides for the construction of a new fire-rescue station at 9710 Great Seneca Highway and the purchase of associated apparatus. Fire/rescue apparatus to be purchased for this station includes an EMS unit and an engine. The configuration of the fire station has been changed from a 2-bay fire station to a 3-bay fire station to accommodate expanded needs. This project's scope and schedule changed because the station was planned to be connected to the Public Safety Training Academy, but due to the Academy's relocation for the Smart Growth Initiative, the station will now be a stand alone facility.

JUSTIFICATION

The new fire/rescue station is necessary in this area due to present and future population density and development. This growing area includes the new communities of Falls Grove and Travilah as well as existing communities in the Travilah/North Potomac area. Several major complexes and buildings in this area, including Shady Grove Adventist Hospital, Shady Grove Adventist Nursing Home, National Lutheran Home, and the University of Maryland-Shady Grove Campus will be served by this station. The area already has a high volume of fire-rescue incidents that are expected to increase when Johns Hopkins University Belward Campus and Crown Village Community are completed and additional bio-technology facilities are constructed. Operation of this station will help the County meet Council-adopted fire-rescue response time goals as well as NFPA Standard 1710 guidelines. This project is recommended in the Fire, Rescue, Emergency Medical Services, and Community Risk Reduction Master Plan approved by the County Council in October 2005 and the MCFRS Station Location and Resource Allocation Work Group, Phase 1 Report, "Need for Up-County Fire-Rescue Resource Enhancements," October 14, 1999.

FISCAL NOTE

The expenditures shown as "Other" include the purchase of new apparatus and furniture and equipment. Future replacement apparatus expenditures will be funded in the Operating Budget of the Montgomery County Fire and Rescue Service. Debt service for this project will be financed with Consolidated Fire Tax District Funds.

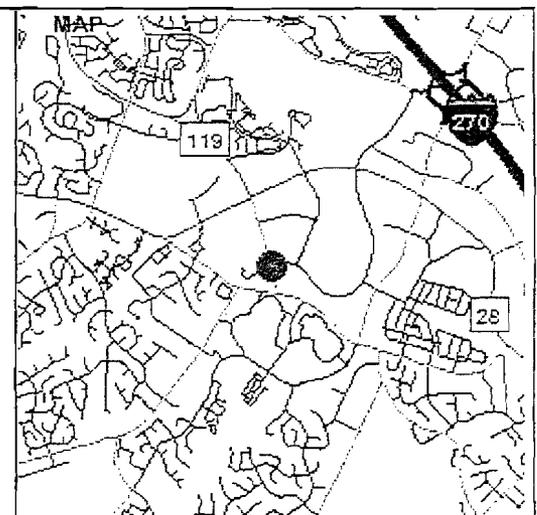
The project provides for only the design phase. Final construction costs will be determined during the design development stage. The total cost of this project is estimated to be between \$12 and \$15 million.

OTHER DISCLOSURES

- A pedestrian impact analysis will be performed during design or is in progress.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY05	(\$000)
First Cost Estimate	FY10	5,889
Current Scope		
Last FY's Cost Estimate		5,889
Appropriation Request	FY10	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		5,889
Expenditures / Encumbrances		323
Unencumbered Balance		5,566
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	0
Total Partial Closeout		0

COORDINATION
Montgomery County Fire and Rescue Service
Department of Police
Department of General Services
Department of Permitting Services
Department of Technology Services



Travilah Fire Station -- No. 450504

Category	Public Safety	Date Last Modified	June 05, 2008
Subcategory	Fire/Rescue Service	Required Adequate Public Facility	No
Administering Agency	General Services	Relocation Impact	None.
Planning Area	Potomac-Travilah	Status	Final Design Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	678	96	567	15	15	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	841	0	541	300	0	300	0	0	0	0	0
Construction	3,293	0	93	3,200	2,000	1,200	0	0	0	0	0
Other	1,077	0	1,067	10	10	0	0	0	0	0	0
Total	5,889	96	2,268	3,525	2,025	1,500	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Fire Consolidated	706	0	706	0	0	0	0	0	0	0	0
G.O. Bonds	5,183	96	1,562	3,525	2,025	1,500	0	0	0	0	0
Total	5,889	96	2,268	3,525	2,025	1,500	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				233	0	37	49	49	49	49
Energy				176	0	28	37	37	37	37
Program-Staff				12,304	0	2,300	2,501	2,501	2,501	2,501
Program-Other				482	0	334	37	37	37	37
Net Impact				13,195	0	2,699	2,624	2,624	2,624	2,624
WorkYears					0.0	27.0	27.0	27.0	27.0	27.0

DESCRIPTION

This project provides for the construction of a new fire-rescue station at 9710 Great Seneca Highway and the purchase of associated apparatus. Fire/rescue apparatus to be purchased for this station includes an EMS unit and an engine.

JUSTIFICATION

The new fire/rescue station is necessary in this area due to present and future population density and development. This growing area includes the new communities of Falls Grove and Travilah (both under construction) as well as existing communities in the Travilah/North Potomac area. Several major complexes and buildings in this area, including Shady Grove Adventist Hospital, Shady Grove Adventist Nursing Home, the National Lutheran Home, and the University of Maryland-Shady Grove Campus will be served by this station. The area already has a high volume of fire-rescue incidents that are expected to increase as Travilah and Falls Grove are completed and additional biotechnology facilities are constructed. Operation of this station will help the County meet Council-adopted fire-rescue response time goals as well as NFPA Standard 1710 guidelines. This project is recommended in the Fire, Rescue, Emergency Medical Services, and Community Risk Reduction Master Plan approved by the County Council in October 2005 and the MCFRS Station Location and Resource Allocation Work Group, Phase 1 Report, "Need for Up-County Fire-Rescue Resource Enhancements," October 14, 1999.

OTHER

The location and schedule of this project have been proposed to change by the County Executive as part of his comprehensive Property Use Initiative. The project scope, cost estimates, and schedule will be amended with the completion of a detailed implementation and financing plan for the Property Initiative.

FISCAL NOTE

The expenditures shown as "Other" are for the purchase of new apparatus (\$706,000) and furniture and equipment (\$371,000). Future replacement apparatus expenditures will be funded in the Operating Budget of the Montgomery County Fire and Rescue Service. Debt service for this project will be financed with Consolidated Fire Tax District Funds.

OTHER DISCLOSURES

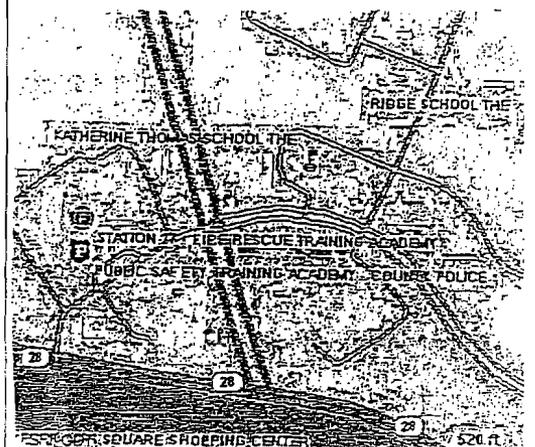
- A pedestrian impact analysis will be performed during design or is in progress.

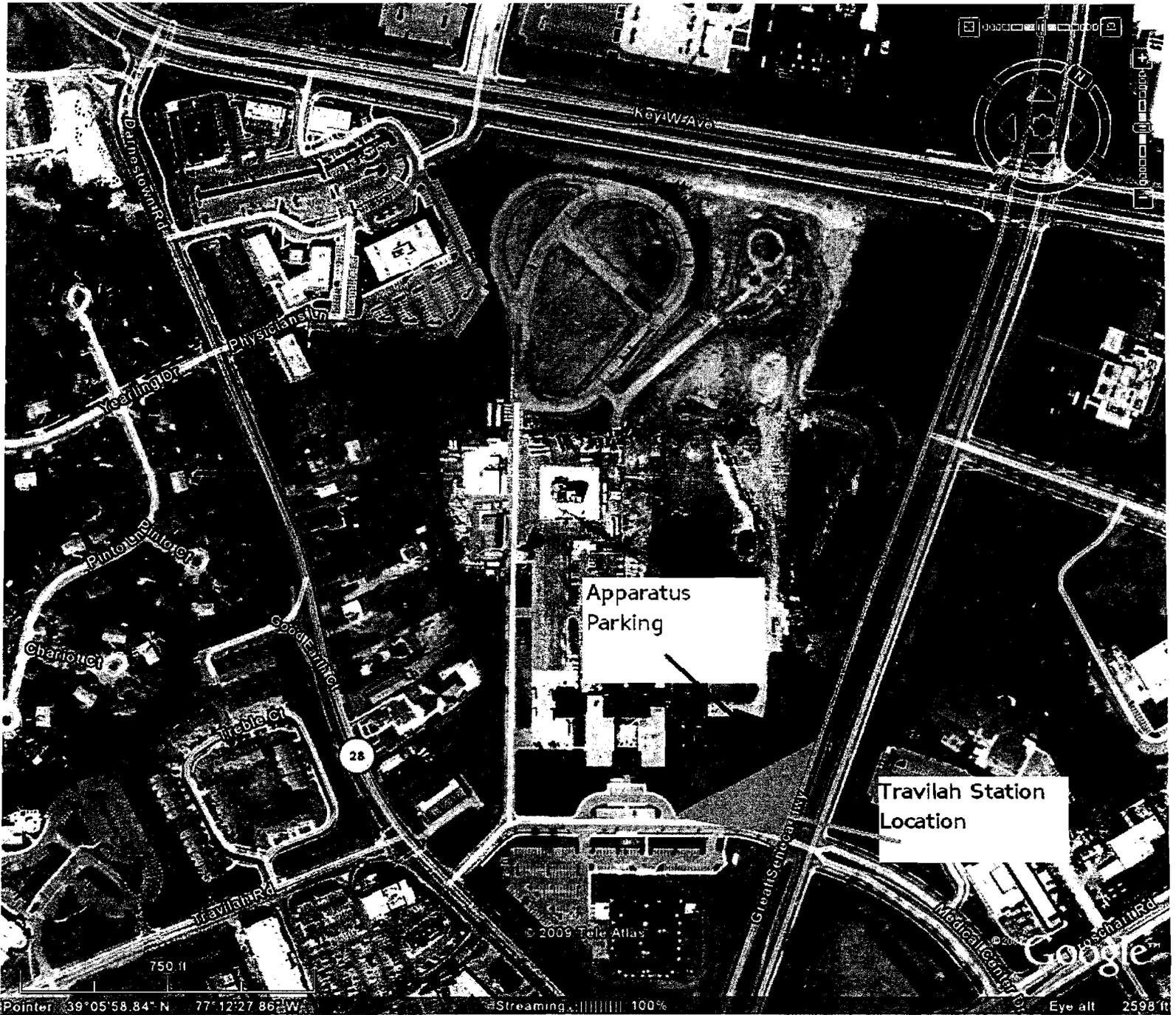
APPROPRIATION AND EXPENDITURE DATA			
Date First Appropriation	FY05		(\$000)
First Cost Estimate			
Current Scope	FY07	5,889	
Last FY's Cost Estimate		5,889	
Appropriation Request	FY09	0	
Appropriation Request Est.	FY10	0	
Supplemental Appropriation Request		0	
Transfer		0	
Cumulative Appropriation		5,889	
Expenditures / Encumbrances		315	
Unencumbered Balance		5,574	
Partial Closeout Thru	FY06	0	
New Partial Closeout	FY07	0	
Total Partial Closeout		0	

COORDINATION

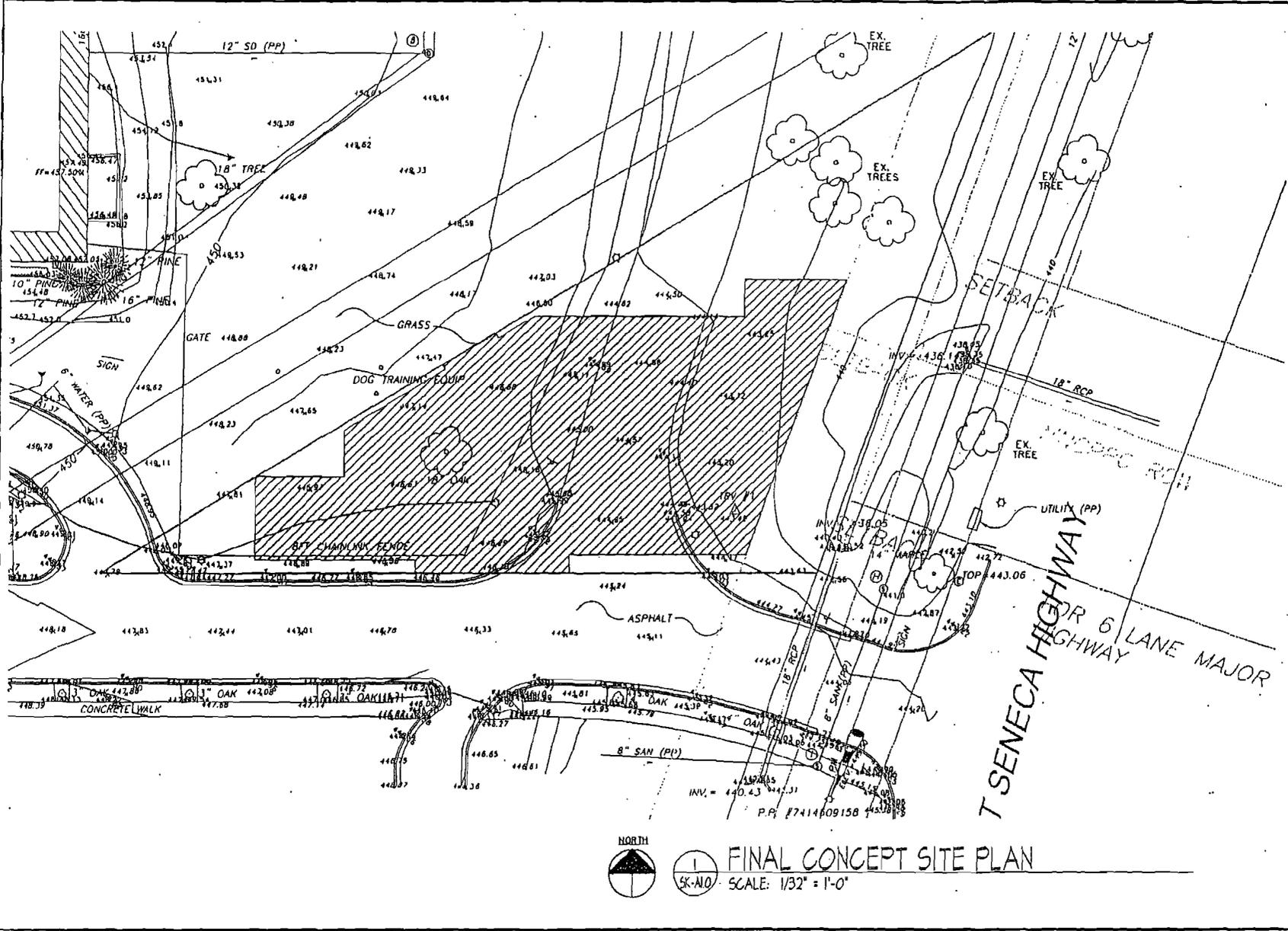
Montgomery County Fire and Rescue Service
 Department of Police
 Department of General Services
 Department of Permitting Services
 Department of Technology Services

MAP

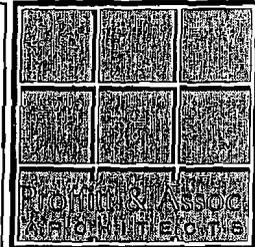




(11)



FINAL CONCEPT SITE PLAN
SCALE: 1/32" = 1'-0"



100 NORTH MARKET STREET
FREDERICK, MARYLAND 21701
(301) 662-8532
FAX (301) 662-4192
info@profitllondassociates.com

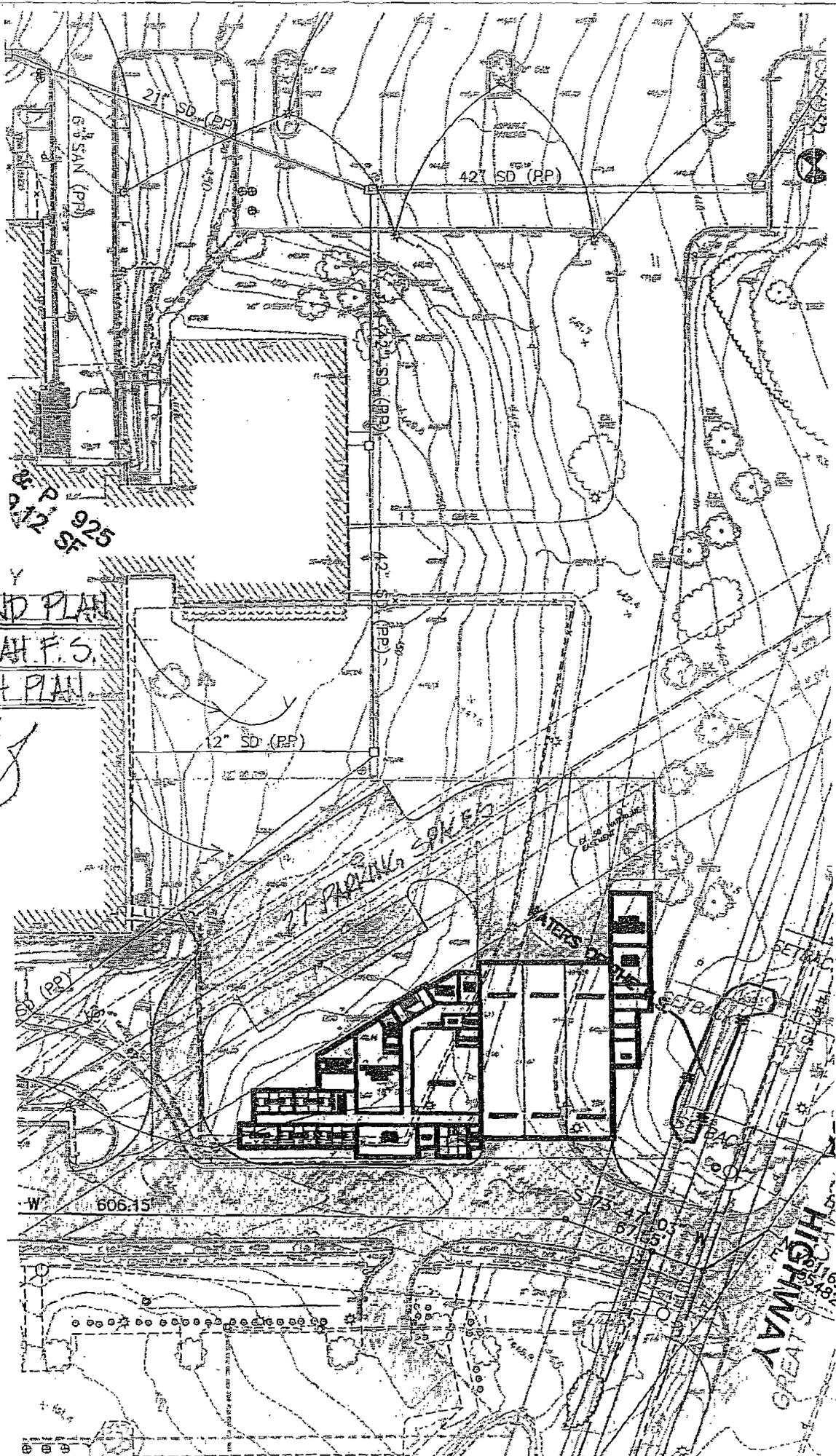
NEW FACILITY FOR THE
TRAVILAH FIRE STATION
Station No. 32
9710 GREAT SENECA HIGHWAY
ROCKVILLE, MARYLAND 20850
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PROJECT NO.: 03-02.07

2 OCT 08
CONCEPT SITE PLAN

SK-A10

405 pcc
25



SECOND PLAN
TRAVILAH F.S.
SKETCH PLAN

10/02

N

W 606.15

SCALE
1" = 60' ±



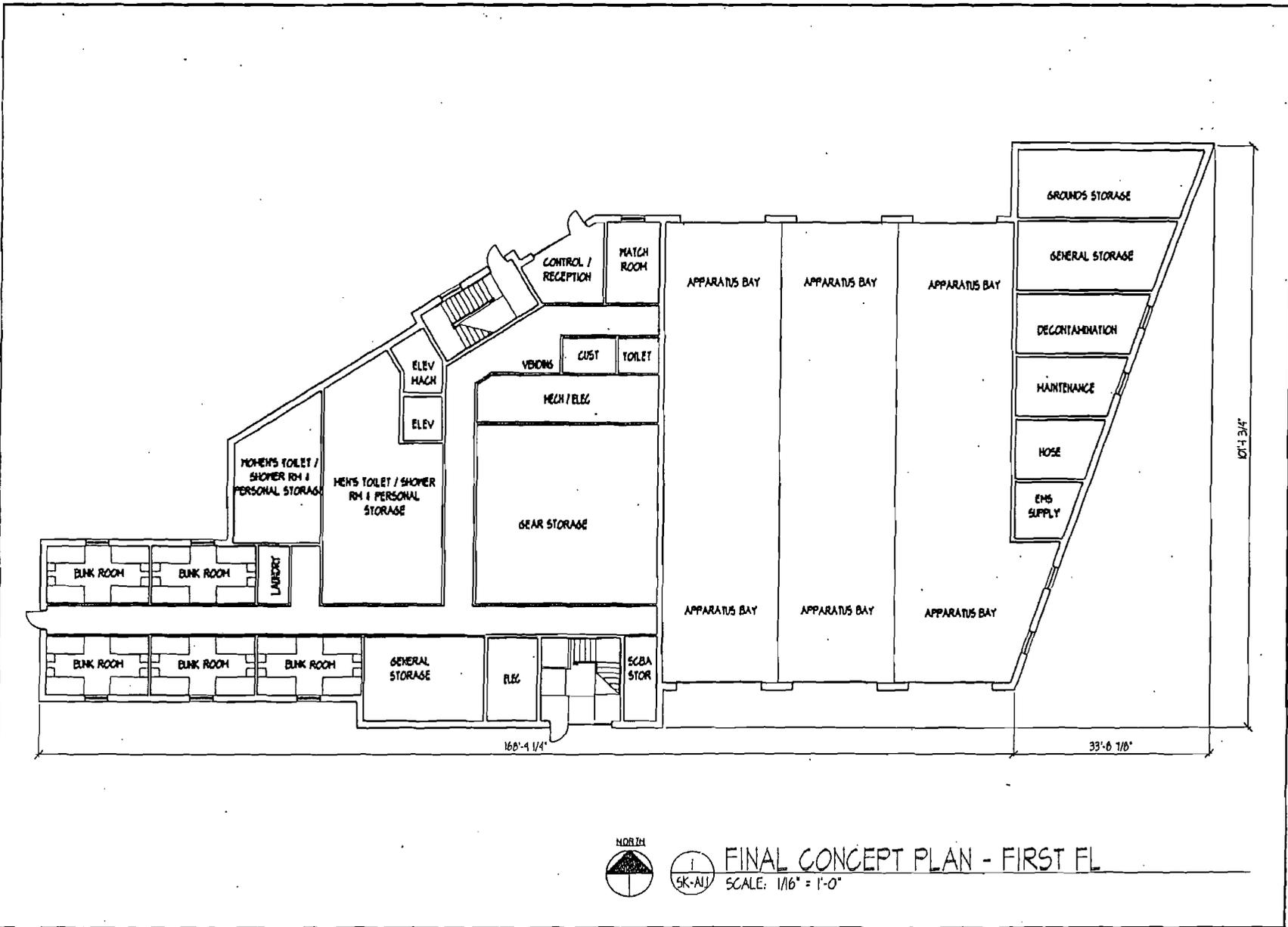
100 NORTH MARKET STREET
FREDERICK, MARYLAND 21701
(301) 662-8532
FAX (301) 662-4192
info@proffittandassociates.com

NEW FACILITY FOR THE
TRAVILAH FIRE STATION
Station No. 32
9710 GREAT SENECA HIGHWAY
ROCKVILLE, MARYLAND 20850
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PROJECT NO.: 03-02.07

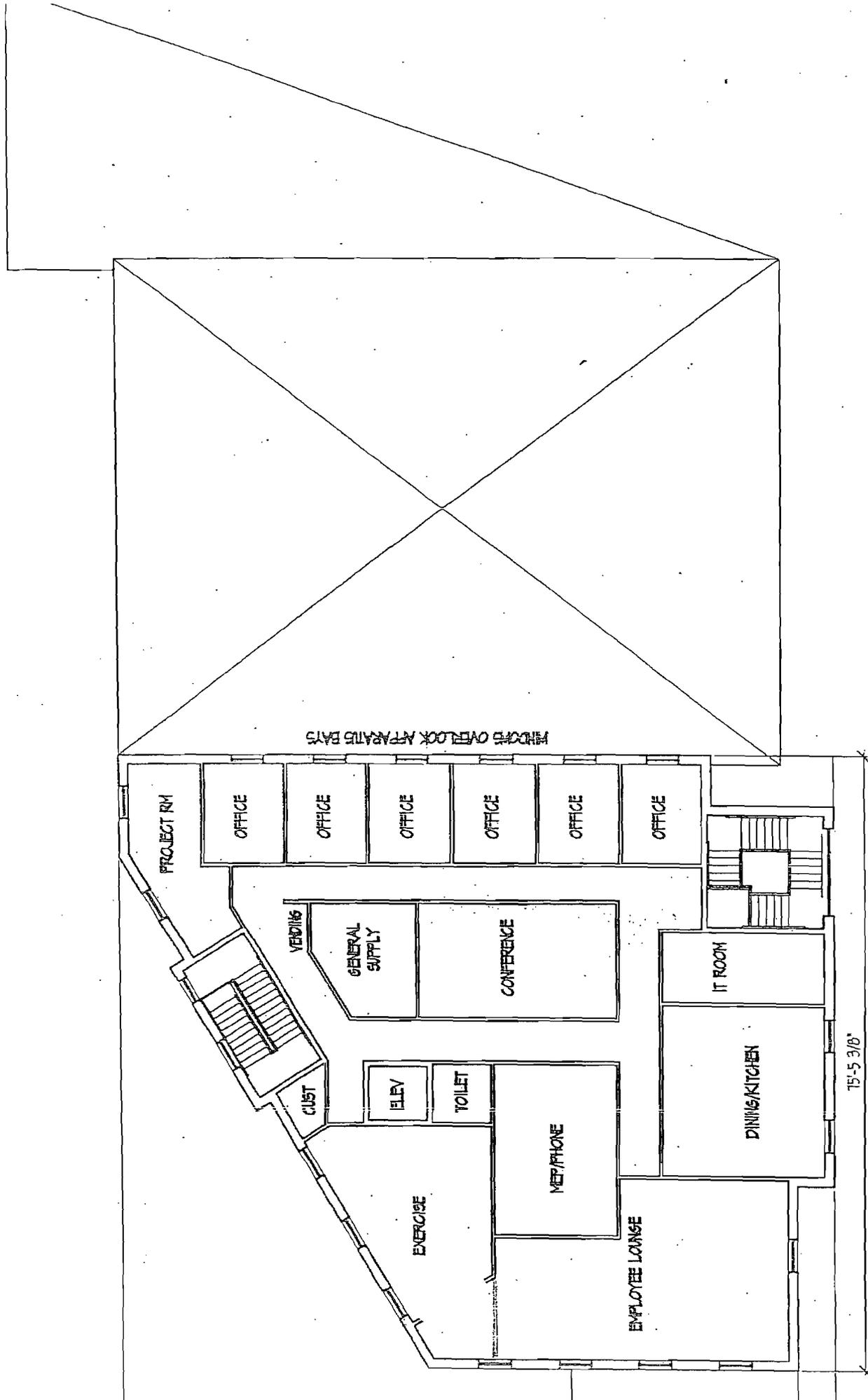
2 OCT 08
CONCEPT PLAN

SK-A1.1

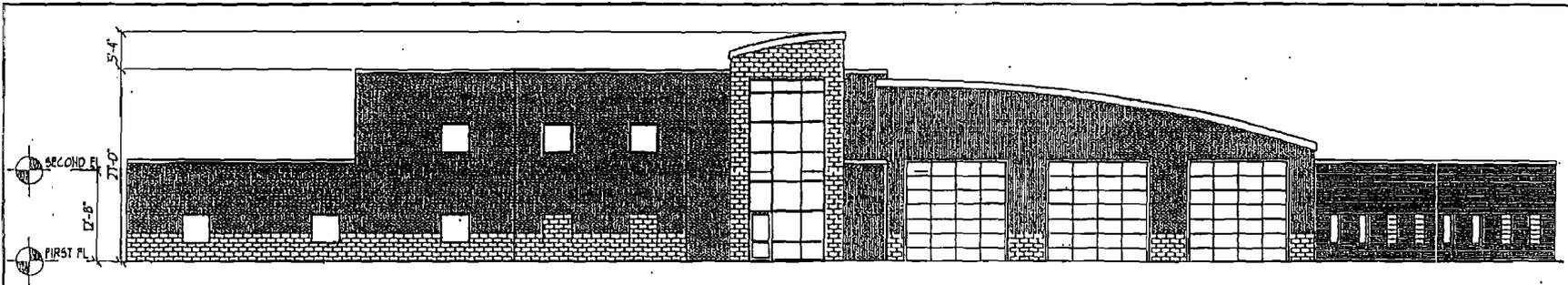


FINAL CONCEPT PLAN - FIRST FL

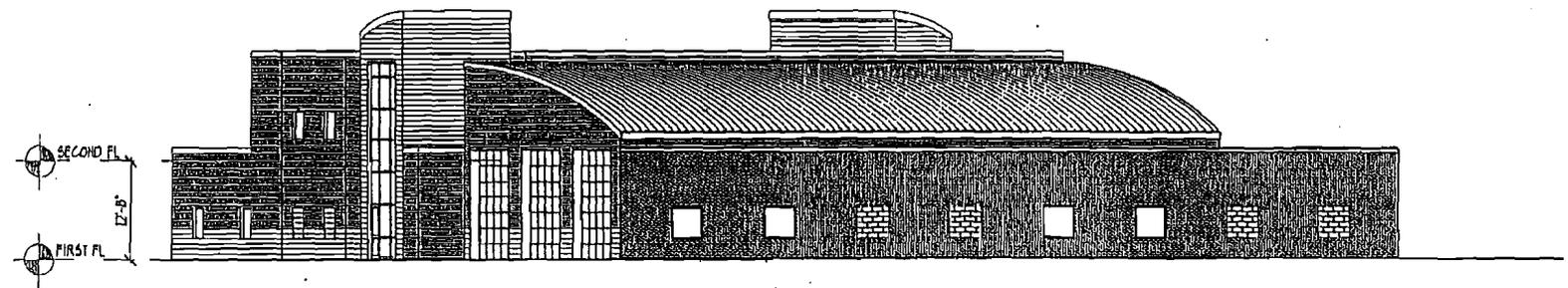
SCALE: 1/16" = 1'-0"



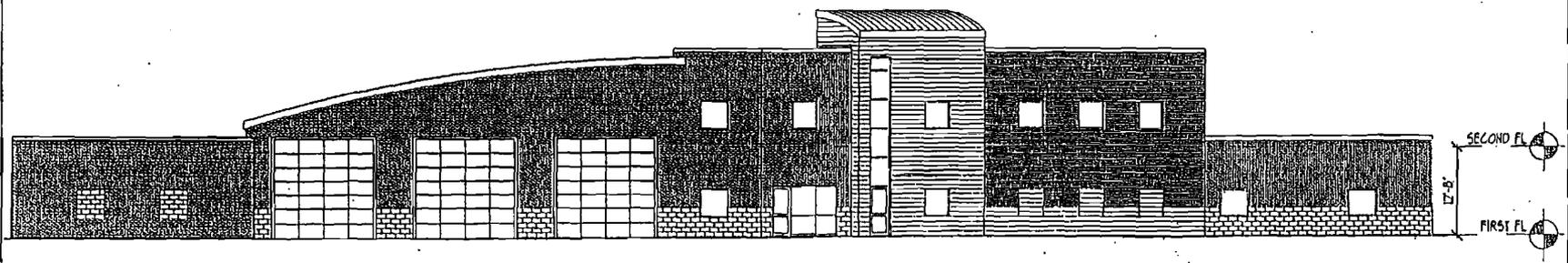
NORTH



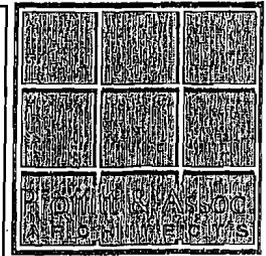
1 FINAL CONCEPT ELEVATION (FRONT)
 SK-A3.1 SCALE: 1/16" = 1'-0"



2 FINAL CONCEPT ELEVATION (EAST SIDE)
 SK-A3.1 SCALE: 1/16" = 1'-0"



3 FINAL CONCEPT ELEVATION (REAR)
 SK-A3.1 SCALE: 1/16" = 1'-0"



100 NORTH MARKET STREET
 FREDERICK, MARYLAND 21701
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 info@proffittandassociates.com

NEW FACILITY FOR THE
TRAVILAH FIRE STATION
 Station No. 32
 9710 GREAT SENECA HIGHWAY
 ROCKVILLE, MARYLAND 20850
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PROJECT NO.: 03-02.07

2 OCT 08
 CONCEPT ELEVATIONS

SK-A3.1

Wheaton Rescue Squad Relocation -- No. 450505

Category
Subcategory
Administering Agency
Planning Area

Public Safety
Fire/Rescue Service
Fire/Rescue Service
Kensington-Wheaton

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 12, 2009
No
None
Planning Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,151	6	658	487	347	47	47	46	0	0	0
Land	1,000	0	0	1,000	1,000	0	0	0	0	0	0
Site Improvements and Utilities	1,349	0	1,349	0	0	0	0	0	0	0	0
Construction	8,096	0	4,436	3,660	2,160	93	453	954	0	0	0
Other	208	0	180	28	0	28	0	0	0	0	0
Total	11,804	6	6,623	5,175	3,507	168	500	1,000	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	11,798	0	6,623	5,175	3,507	168	500	1,000	0	0	0
PAYGO	6	6	0	0	0	0	0	0	0	0	0
Total	11,804	6	6,623	5,175	3,507	168	500	1,000	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				154	0	0	0	36	59	59
Energy				117	0	0	0	27	45	45
Net Impact				271	0	0	0	63	104	104

DESCRIPTION

The Wheaton Volunteer Rescue Squad (WVRS) is planning to relocate from its existing facility, located at 11435 Grandview Avenue, to a new site at the corner of Georgia Avenue and Arcola Avenue. The WVRS has been at the Grandview Avenue location for approximately 35 years. The facility, a Class 1 Fire/Rescue Station, will be located on property owned by the WVRS.

JUSTIFICATION

The Grandview Avenue facility is in poor overall condition and is significantly undersized to meet the needs of the WVRS. This project is recommended in the Fire, Rescue, Emergency Medical Services, and Community Risk Reduction Master Plan approved by the County Council in October 2005.

OTHER

Preliminary cost estimates have been provided by the WVRS. The expenditures reflect about one-half of the total cost of the project as WVRS is contributing the remaining one-half using non-County funds. MCFRS and the WVRS will develop a Memorandum of Understanding to address terms for construction, financing, ownership, and operation of the new station. Upon completion of the project, the County and the WVRS will share ownership of the station and land. Preliminary cost estimates do not include all costs for off-site improvements, if needed. The total project cost will increase if additional off-site improvements are programmed.

FISCAL NOTE

Debt service for this project will be financed with Consolidated Fire Tax District Funds. Project schedule amended to reflect current implementation plan.

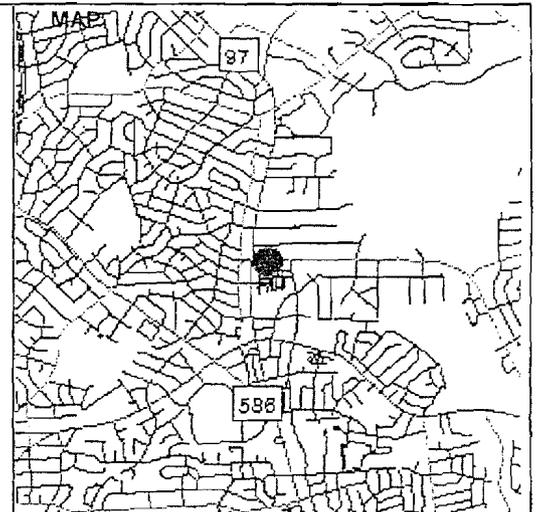
OTHER DISCLOSURES

- A pedestrian impact analysis will be performed during design or is in progress.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY05	(\$000)
First Cost Estimate		
Current Scope	FY05	4,239
Last FY's Cost Estimate		11,804
Appropriation Request	FY10	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		11,804
Expenditures / Encumbrances		6
Unencumbered Balance		11,798
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	0
Total Partial Closeout		0

COORDINATION

Montgomery County Fire and Rescue Service
Wheaton Volunteer Rescue Squad
Department of General Services
Department of Permitting Services
Department of Technology Services
County Attorney's Office
Mid-County Regional Services Center
Wheaton Redevelopment Office
M-NCPPC



Wheaton Rescue Squad Relocation -- No. 450505

Category Public Safety
 Subcategory Fire/Rescue Service
 Administering Agency Fire/Rescue Service
 Planning Area Kensington-Wheaton

Date Last Modified June 05, 2008
 Required Adequate Public Facility No
 Relocation Impact None
 Status Planning Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,151	6	658	487	347	140	0	0	0	0	0
Land	1,000	0	0	1,000	1,000	0	0	0	0	0	0
Site Improvements and Utilities	1,349	0	1,349	0	0	0	0	0	0	0	0
Construction	7,779	0	4,436	3,343	2,160	1,183	0	0	0	0	0
Other	525	0	180	345	0	345	0	0	0	0	0
Total	11,804	6	6,623	5,175	3,507	1,668	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	11,798	0	6,623	5,175	3,507	1,668	0	0	0	0	0
PAYGO	6	6	0	0	0	0	0	0	0	0	0
Total	11,804	6	6,623	5,175	3,507	1,668	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				272	0	36	59	59	59	59
Energy				207	0	27	45	45	45	45
Net Impact				479	0	63	104	104	104	104

DESCRIPTION

The Wheaton Volunteer Rescue Squad (WVRS) is planning to relocate from its existing facility, located at 11435 Grandview Avenue, to a new site at the corner of Georgia Avenue and Arcola Avenue. The WVRS has been at the Grandview Avenue location for approximately 35 years. The facility, a Class 1 Fire/Rescue Station, will be located on property owned by the WVRS.

COST CHANGE

Increase due to construction cost re-estimation.

JUSTIFICATION

The Grandview Avenue facility is in poor overall condition and is significantly undersized to meet the needs of the WVRS. This project is recommended in the Fire, Rescue, Emergency Medical Services, and Community Risk Reduction Master Plan approved by the County Council in October 2005.

OTHER

Preliminary cost estimates have been provided by the WVRS. The expenditures reflect about one-half of the total cost of the project as WVRS contributing the remaining one-half using non-County funds. MCFRS and the WVRS will develop a Memorandum of Understanding to address terms for construction, financing, ownership, and operation of the new station. Upon completion of the project, the County and the WVRS will share ownership of the station and land. Preliminary cost estimates do not include all costs for off-site improvements, if needed. The total project cost will increase if additional off-site improvements are programmed.

FISCAL NOTE

Debt service for this project will be financed with Consolidated Fire Tax District Funds.

OTHER DISCLOSURES

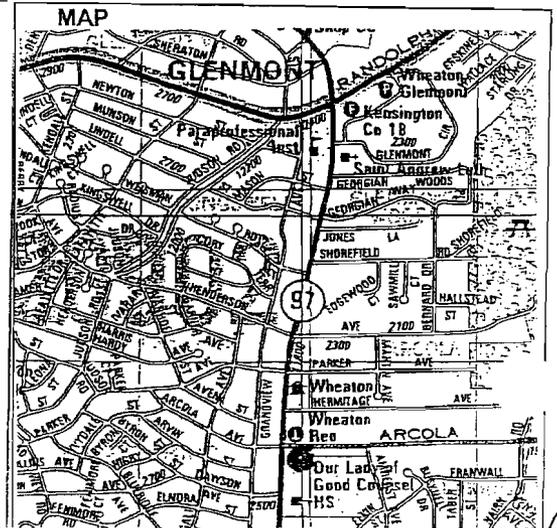
- A pedestrian impact analysis will be performed during design or is in progress.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY05	(\$000)
First Cost Estimate		
Current Scope	FY05	4,239
Last FY's Cost Estimate		6,916
Appropriation Request	FY09	11,714
Appropriation Request Est.	FY10	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		90
Expenditures / Encumbrances		6
Unencumbered Balance		84
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Montgomery County Fire and Rescue Service
 Wheaton Volunteer Rescue Squad
 Department of General Services
 Department of Permitting Services
 Department of Technology Services
 County Attorney's Office
 Mid-County Regional Services Center
 Wheaton Redevelopment Office
 M-NCPPC





DESIGNED BY
 RESCUE SQUAD INC.
 230 ROCKY HILL DRIVE
 ROCKY HILL, MD 20851

DESIGNED BY
 DESIGN TECH INC.
 1000 WOODBURN ROAD
 WOODBURN, MD 21797

DESIGNED BY
 EBERHARTY
 ARCHITECTS
 1000 WOODBURN ROAD
 WOODBURN, MD 21797

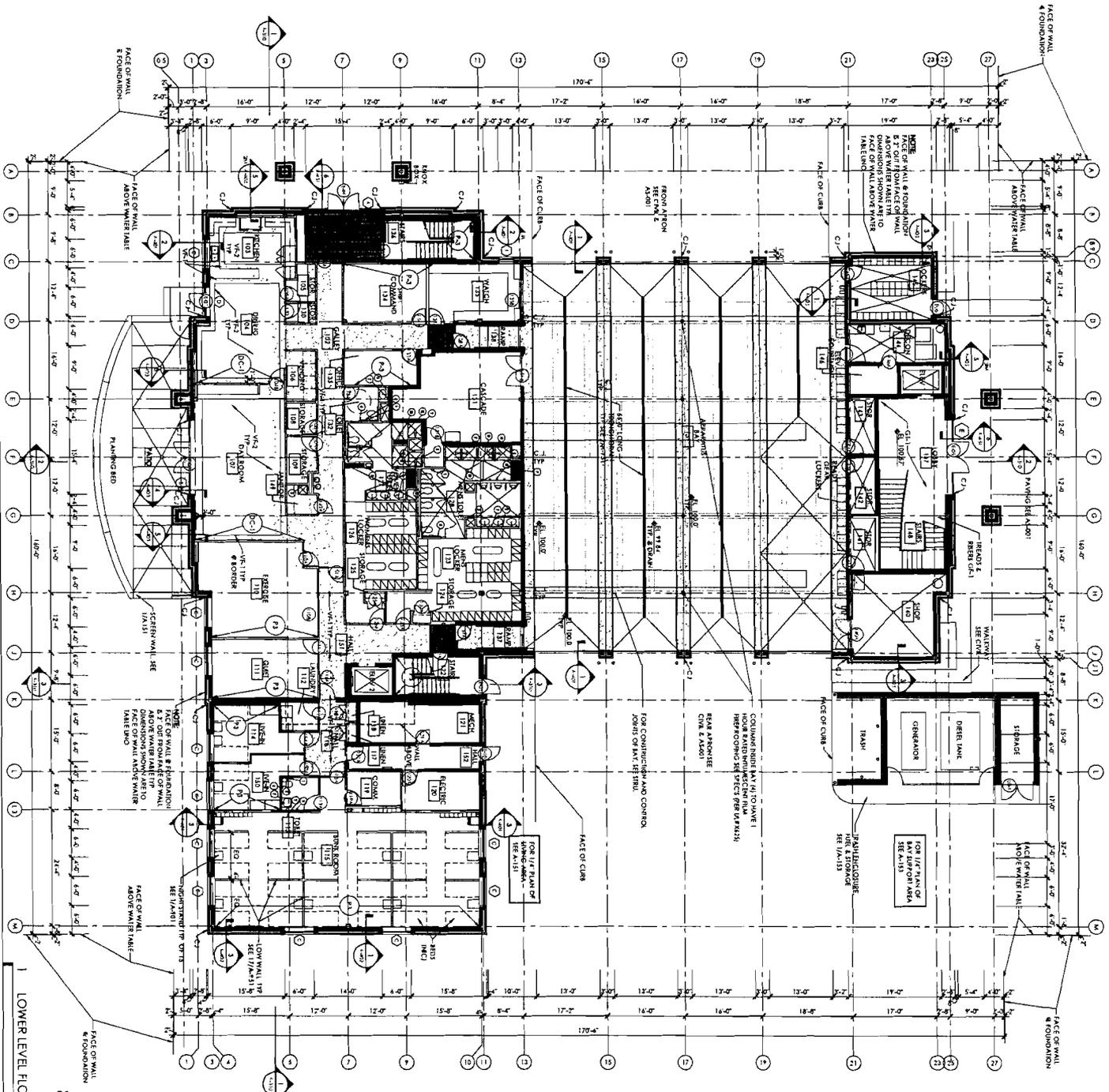
**WHEATON VOLUNTEER
 RESCUE SQUAD STATION**
 2400 ARCOLA AVENUE
 WHEATON, MARYLAND 20902
**OVERALL PLAN
 LOWER LEVEL**



THE L GROUP
 1000 WOODBURN ROAD
 WOODBURN, MD 21797

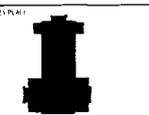
DATE: 08/03
 PROJECT NO: 0803
 SHEET: 1 OF 1

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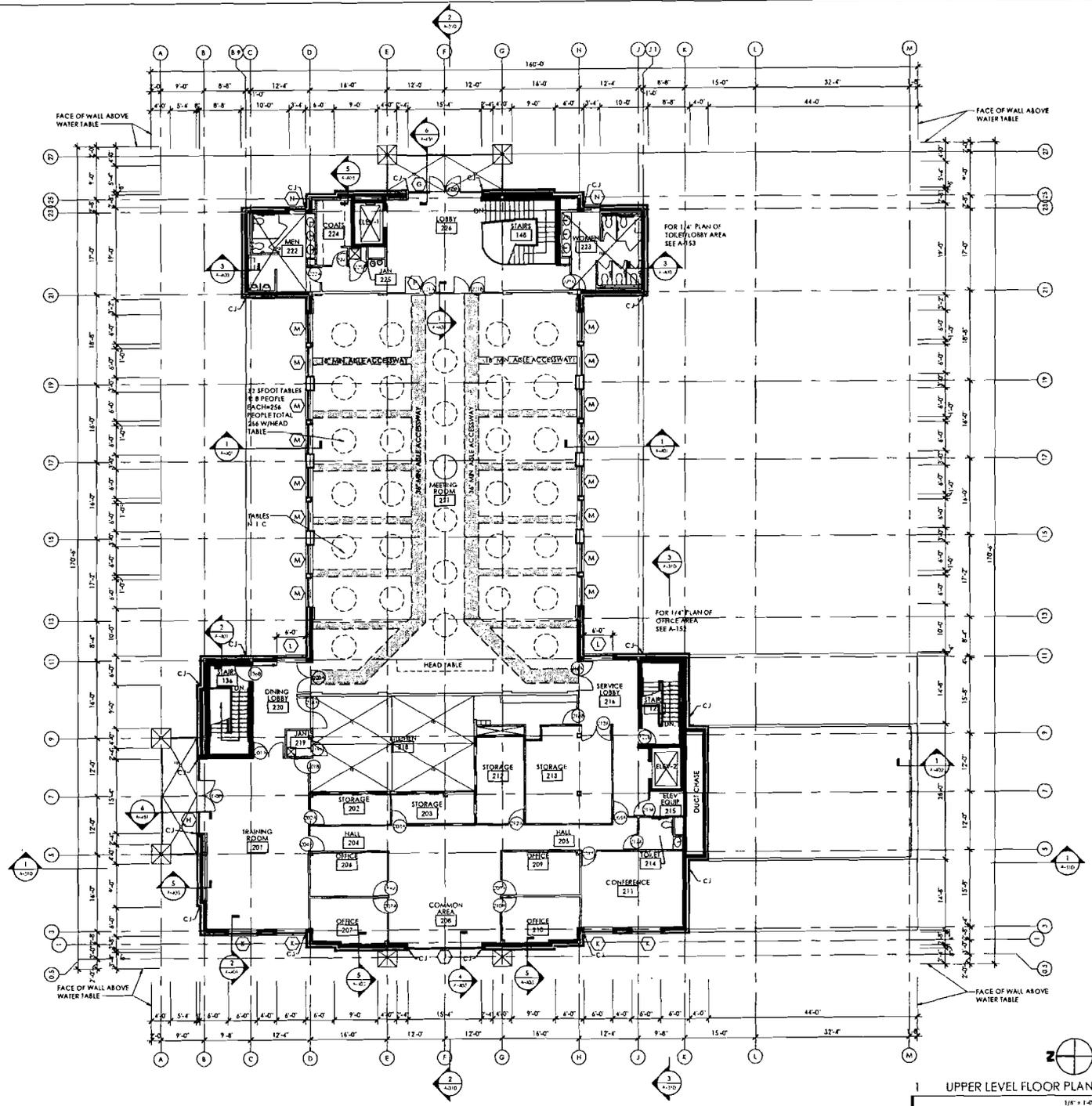


1. LOWER LEVEL FLOOR PLAN
 1/2" = 1'-0"

WHEATON VOLUNTEER
RESCUE SQUAD STATION
2400 ARCOLA AVENUE
WHEATON, MARYLAND 20902
UPPER LEVEL
OVERALL PLAN



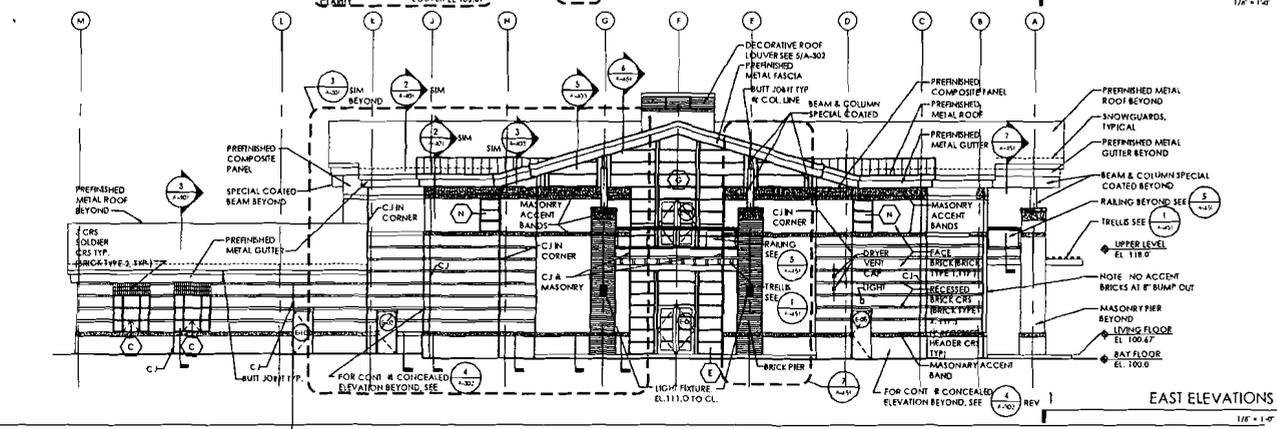
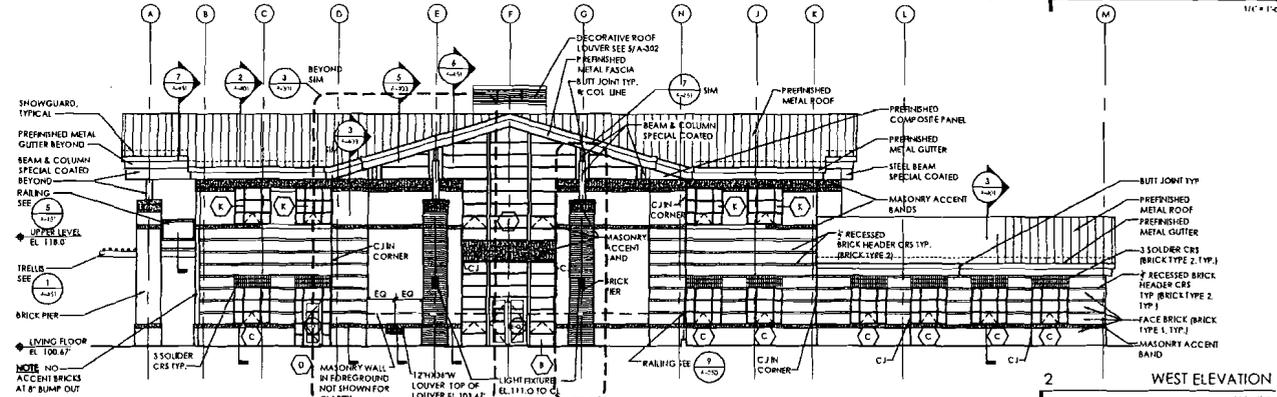
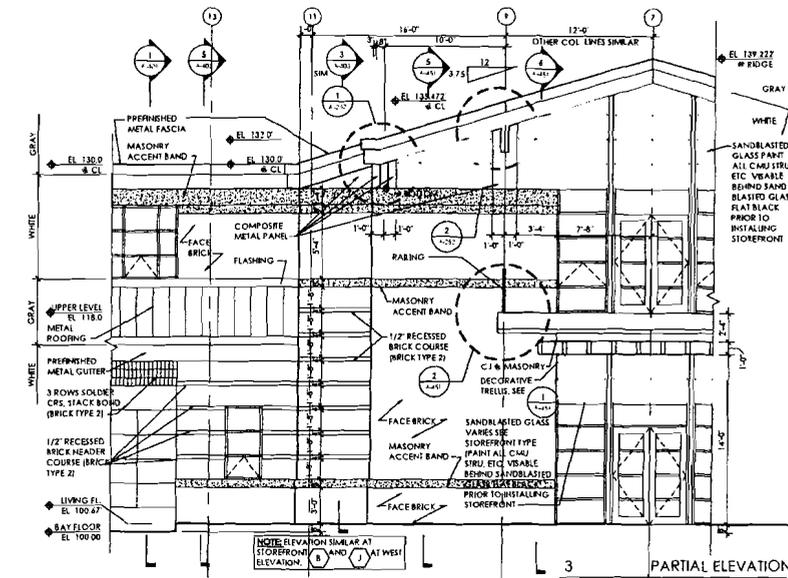
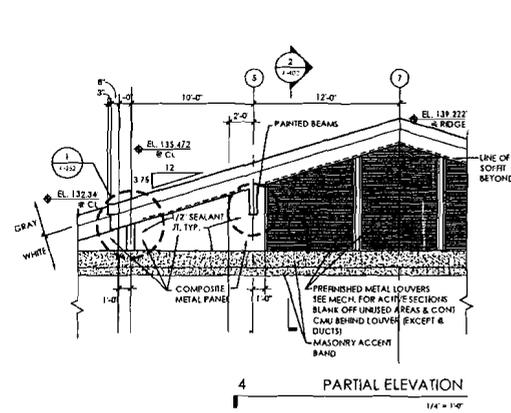
DATE: 07/24/08 SCALE: 1/8" = 1'-0"
PROJECT NO: 0803
SHEET:



1 UPPER LEVEL FLOOR PLAN
1/8" = 1'-0"

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- GENERAL NOTES**
1. ROOF TO BE TO ARCHITECT'S PROPOSED SLOPE.
 2. COMPOSITE METAL ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK. SEE ELEVATION 3 FOR DETAILS OF ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.
 3. COMPOSITE METAL ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.
 4. SEE ELEVATION 3 FOR DETAILS OF ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.
 5. SEE ELEVATION 3 FOR DETAILS OF ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.
 6. SEE ELEVATION 3 FOR DETAILS OF ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.
 7. SEE ELEVATION 3 FOR DETAILS OF ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.
 8. SEE ELEVATION 3 FOR DETAILS OF ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.
 9. SEE ELEVATION 3 FOR DETAILS OF ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.
 10. SEE ELEVATION 3 FOR DETAILS OF ROOF TO BE PRECAST CONCRETE ON STEEL DECK WITH 1/2" RECESSED BRICK COURSE ON TOP OF CONCRETE DECK.



HUGHES GROUP ARCHITECTS
3000 DAVENPORT DRIVE, SUITE 170
FREDERICK, MARYLAND 21704
TEL: 410-326-2000

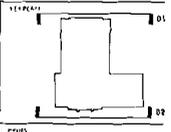
CLIENT:
**THE WHEATON VOLUNTEER
RESCUE SQUAD INC.**
1000 WHEATON AVENUE
WHEATON, MARYLAND 20992

ARCHITECTURAL CONSULTANT:
DESIGNTECH INC.
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LEESBURG, VA 22078
TEL: 703-254-1220

ENGINEER:
HERBERT BRYAN
1001 CENTRAL AVENUE, SUITE 21222
ARLINGTON, VA 22201
TEL: 703-254-1220

**WHEATON VOLUNTEER
RESCUE SQUAD STATION**
2400 ARCOLA AVENUE
WHEATON, MARYLAND 20992

EXTERIOR ELEVATIONS



DATE: 08-20-00 SCALE: 1/8" = 1'-0"
PROJECT NO: 0803
SHEET: 0803

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