



The Commonwealth of Massachusetts
Executive Office for Administration and Finance
Division of Capital Asset Management and Maintenance
One Ashburton Place
Boston, Massachusetts 02108

Tel: (617) 727-4050

Fax: (617) 727-5363

CHARLES D. BAKER
GOVERNOR

KARYN E. POLITO
LIEUTENANT GOVERNOR

MICHAEL J. HEFFERNAN
SECRETARY
ADMINISTRATION & FINANCE
CAROL W. GLADSTONE
COMMISSIONER

TRANSMITTAL OF CERTIFICATION (ST-CERT)

Mr. Michael J. Heffernan, Secretary
Executive Office for Administration and Finance
State House, Room 373
Boston, MA 02133

MA Project #: N/A
Project Title: Quabbin Maintenance Building
Project Location: BELCHERTOWN, MA

Dear Secretary Heffernan:

I hereby certify that the study has been satisfactorily completed and has received all appropriate approvals in accordance with the requirements of MGL Ch. 7C sec. 59. The recommended project is in conformity with the scope and purpose of the legislative authorization for the project and has been approved by the Executive Office for Administration and Finance for spending on DCR's annual Capital Spending Plan.

Enclosed is the formal Executed Certification Form. A copy of the completed study is on file at the Division and will be submitted to the State Librarian for record. If there are questions on this matter, please contact me at (617) 727-4050, extension 309.

Very truly yours,

Carol W. Gladstone
Commissioner

Enclosure: Executed Certification Form

cc: Commissioner Leo Roy, Department of Conservation & Recreation, User Agency

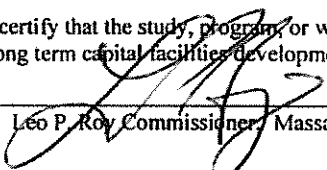
STUDY CERTIFICATION

Title: Quabbin Maintenance Building
Facility/Location: Quabbin Reservoir, Belchertown, MA
Mass. State Project No.: N/A (Internal study by agency) Date of Study: 7/16/2019 (Rev.)
Study prepared by: N/A - Internal Date of latest revisions: _____
Estimated Construction Cost (from DD): \$3,288,468
Total Project Cost (from DD): \$4,098,450
Appropriation/account funding Design and Construction: MWRA Water Supply Protection Funds
OPERATING COST BUDGET INFORMATION
Building Operations: \$ unknown/new building Projected FY for Budget Impact: 2020
Program Staffing: 8
Total Operating Cost Impact: \$ unknown/new building

M.G.L. Chapter 7C, Section 59 states that no provider of design services for any building project for which a state agency is the using agency shall be selected, and no design services shall be performed, unless and until the study, program, or where appropriate both, have been satisfactorily completed and the following certifications have taken place.

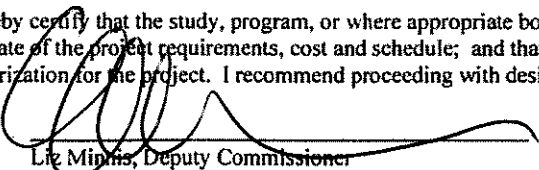
Massachusetts Department of Conservation & Recreation

I hereby certify that the study, program, or where appropriate both, correspond to the current needs of this agency, including its current long term capital facilities development plan. (Chapter 7C, Section 59)


By:  Date: 9/17/19
Leo P. Roy, Commissioner, Massachusetts Department of Conservation & Recreation,

Division of Capital Asset Management and Maintenance

I hereby certify that the study, program, or where appropriate both, reflect the agency's needs as stated; that they provide an accurate estimate of the project requirements, cost and schedule; and that the project can be accomplished within the appropriation or authorization for the project. I recommend proceeding with design, construction, or where appropriate, both. (Chapter 7C, Section 59)

By:  Date: 9.23.19
Liz Minnis, Deputy Commissioner

I hereby certify that the study, program, or where appropriate both, are in conformity with the scope and purpose of the appropriation or authorization for the project, and legislative intent in regard to long range capital facility plans for the using agency, and I approve proceeding with design, construction, or where appropriate, both. (Chapter 7C, Section 59)

By:  Date: 9/23/19
Carol W. Gladstone, Commissioner

THIS STUDY CERTIFICATION IS VALID FOR TWO (2) YEARS FROM THE DATE OF SIGNATURE BY THE CAPITAL ASSET MANAGEMENT AND MAINTENANCE COMMISSIONER.

Original to: Division of Capital Asset Management and Maintenance, Office of Planning, Design and Construction
Copies to: (1) Secretary of Executive Office for Administration and Finance (2) Secretary of Executive Office (3) Commissioner or Chief Administrative Officer of State Operating Agency, Judiciary or County Commissioners (4) Local user facility or institution (5) Asset Management and Maintenance Director, Programming or Court Facilities Unit (6) Asset Management and Maintenance Director of Construction Services.

Quabbin Maintenance Building Blue Meadow Road Belchertown, MA

March 26, 2019

(Revised date: July 16, 2019)

Figure 1

Aerial view of proposed development site. The existing Stockroom building located towards the entrance to the property will remain and the new maintenance building will be sited to the rear of the



Figure 2

Conceptual image of prototype maintenance facility.

EXECUTIVE SUMMARY

The Department of Conservation & Recreation (DCR) is proposing to build a new Maintenance Building to replace current facilities that are functionally obsolete and structurally deficient. Considerable investment is needed to stabilize deteriorating conditions and to repair structural deficiencies plaguing the existing garage structure. However, investments to repair the existing facility would not be enough to overcome the space constraints, operational limitations and building shortcomings that severely limit the effectiveness of the DCR fleet maintenance program. The crew of up to eight (8) mechanic staff is expected to be re-assigned to the site of the new facility located approximately 3/4 mile away.

The new maintenance facility is intended to provide up to 10,994 square feet of gross floor area to house and support vehicle fleet maintenance staff and equipment. The new space will accommodate oversized vehicles and heavy equipment, includes provisions for a vehicle wash bay, and offers the space necessary to support staff and equipment needs. Moreover, the facility will offer working conditions that improve safety, efficiency and operational capability. Interior spaces are detailed in facility layout plans provided in **Exhibit I** and site development plans are included in **Exhibit II**. Facility construction plans will be finalized by a designer before proceeding to final construction bidding.

Submission to DCAMM Includes:

- Letter from Commissioner Roy supporting study certification and delegation of project to MWRA
- Study Form signed by Commissioner Roy
- Cost estimate
- Preliminary Floor Plan
- Preliminary Site plan
- Existing conditions plan

The scope of work:

- Construct a 7,700 sf building concrete wall and slab foundation to support a pre-engineered hybrid steel/block building
- Construct a 400 sf reinforced concrete slab foundation to support adjoining utility room.
- Construct 680 sf concrete slab beneath front covered porch.
- Associated site work including foundation with frost walls, front porch, parking and Universal Access
- Related utility connections
- Fire Sprinkler Protection System
- Water Supply Treatment System or alternative source water
- 1,854 square foot Steel Mezzanine
- Building contains:
 - Open Shop Floor Area
 - Three-Bay Service Garage
 - Vehicle Wash Bay
 - Office Space

- Lunch / Break Room
- Bathrooms w/showers
- Locker/storage area
- Storage room
- Mechanical Room

Construction Administration:

The estimated total project cost is **\$4,098,450**. Construction will be bid as a Building Construction Contract under M.G.L. c. 149. Preliminary design and study has been completed by DCR staff with assistance and technical review provided by Hill Associates of North Adams. Funding is being sought from Capital Funds under the Massachusetts Water Resource Authority, Water Supply Protection Trust Fund.

Schedule:

Upon certification of the study DCR anticipates the project will be bid for final design in late fall 2019 with construction beginning in early fall 2020. Construction is expected to take approximately 6 months.

General Description and Background

Existing vehicle maintenance operations are housed inside of a 6,514 square foot garage located at the rear of the Quabbin Administration Building. The existing space is an eight (8) bay service garage that has not seen any major renovations since its construction in 1939. The existing space consists of a single vehicle lift service bay, a single bay dedicated for metal work, three (3) bays dedicated for storage, and three bays open for service. Additional space accommodates office space, additional parts/supplies storage, and 3,257 sf of attic space used for storage. The existing space does not provide dedicated bathroom or changing room facilities, lacks climate and ventilation controls, and undersized overhead doors and bays are incapable of servicing oversized vehicles. A Mechanics crew of eight (8) regularly uses and occupies the space.

In 2016, engineers performed an investigation of the structure and identified structural deficiencies with the steel column supports. At that time, it was deemed necessary to replace one of the steel columns due to the severity of section loss due to corrosion. Some level of metal loss and deterioration caused by years of exposure to salt and water was found at each and every column inspected. Structural repair efforts made in 2016 focused primarily on those needed to repair exploratory demolition of masonry columns, waterproofing of masonry columns, and the full replacement and reconstruction of one of the nine columns that support the space between each of the overhead doors. Total investments made in 2016 totaled \$76,000.

The new maintenance building will be re-located to a new site at the rear of the DCR Stockroom facility on Blue Meadow Road. The site was chosen among three sites considered as the preferred alternative based on a number of factors including:

- ✚ Centralized/clustered approach - Site Design approach looks to centralize vehicle fleet maintenance, Watershed Management staff, and fueling activities.

- + Proximity to existing maintenance facility allows for the sharing and extension of utilities and services. A new on-site shared septic system disposal field was installed in 2017 and will serve to provide centralized “sewer” for the site.
- + Remote location away from the reservoir (straddles watershed divide) and sufficiently setback from environmentally sensitive resources.
- + The proposed site lies on relatively flat and partially improved land with more than ample setbacks to property lines and opposing uses.

The building has proposed plan dimensions of 70 feet wide by 110 feet in length. The building will be supported by a reinforced concrete frost wall and slab foundation that covers 7,700 square feet. The foundation will be cast adjacent to a 400 square foot reinforced concrete slab-at-grade foundation to support an adjoining mechanical room. A 680 square foot concrete slab will also be cast beneath the front covered porch. New 400 amp, single phase electrical service will be brought underground to the facility from an overhead pole located to the east of the building. Water and wastewater will be serviced by facilities located on-site. The development of a new well to service the site was initiated in 2017; however, less than desirable water quality results were discovered from the new bedrock well. Other plans are being considered to possibly bring water to the site from a neighboring source (e.g. Town of Belchertown).

Features of the new facility include:

- Gross square footage of the building totals 10,994 sf as indicated:
 - Shop Floor Area – 4,799 sf
 - Vehicle Wash Bay – 1,797 sf
 - Office Space – 1,104 sf
 - Steel Mezzanine – 1,854 sf
 - Covered Porch – 680 sf
 - Utility Room – 400 sf

	Prior Building	New Building
Vehicle Lifts	1	2
Vehicle Wash Bay	0	1
Bathrooms	0	2
Showers	0	2
Offices	1	3
Lunch/meeting room	0	1
Storage room	3	1*
IT/Utility room	0	1
Gross Square Footage	6,514	10,994

* Prior building had one common room that contained office, meeting, and lunch space.

REGULATORY ISSUES:

Massachusetts Historic Commission

The Massachusetts Historical Commission's (MHC) inventory of historical and archeological assets of the Commonwealth lists the existing garage as Site #BLC.138. Most notable is its inclusion in the registry separate from the main Quabbin Administration Building (BLC.H). Architecturally, the garage along with its opposite twin "East" Garage forms a symmetrical courtyard appearance at the rear of the main Administrative Building. Together, the main building and garages provide office space, storage and support for the staff of the DCR Water Supply Protection Division.

The site chosen for construction of the new Maintenance Building is located on Blue Meadow Road among the general listing of registered buildings re-purposed or re-assembled to support the construction of Quabbin Reservoir (Site #BLC.J). Site redevelopment plans were submitted with a formal Project Notification Form to the MHC for review of potential impacts to historic and archaeological properties in compliance with M.G.L. Chapter 9, Sections 26-27C. In the opinion of the MA Historical Commission, "the project is unlikely to affect significant historic or archaeological resources".

Accessibility

The current garage facility was constructed in 1939 during a time when standards for universal accessibility, workplace health and safety were non-existent or marginal. The proposed new building will comply with Title II of the Americans with Disabilities Act (ADA) – the federal law applicable to state-owned buildings. Because the building will be occupied by employees only, it does not fall under the jurisdiction of the Architectural Access Board and does not need to meet 521 CMR. Towards this end, accessibility standards for van-designated parking, path of travel, plumbing elements, kitchen, locker room and common space areas will be incorporated into final design elements.

Hazardous Materials

On June 7, 2018 a representative from Fuss and O'Neill performed a building materials survey on the two metal buildings located at the rear of the Stockroom property. Building materials were specifically screened and sampled for the presence of asbestos material. The survey results found that the metal Quonset Hut contains asbestos material in exterior window glazing, exterior caulking, exterior black filler material and bituminous sealants. In addition, the exterior windows of the Metal Shed were also found to contain asbestos in the caulking. The two buildings are being recommended for demolition. The structures will require that proper care and disposal practices be followed during site demolition and reconstruction work.

Building Code Review

Associates from Hill Engineers and RAN Fire Protection Services were retained to perform a Code review of the proposed maintenance facility. A summary of their review is as follows:

Building Use Group

Mixed Use Occupancy Group – S-1 / B

- S-1 Storage Moderate Hazardous (Vehicle Maintenance Garage) – 6,956 sqft
- B Business Office space occupies > than 10% of facility area - 1,104 sqft

Total Floor Area: 8,060 sqft

Fire Protection Requirements

- Total Fire Protection Area:

- 1,104 sqft (office)
- 6,956 sqft (S-1 garage)
- 400 sqft (Mechanical Room)
- 680 sqft (Covered porch)
- 1,854 sqft (Mezzanine)

Total = 10,994 sqft (<12,000 sqft Table 903.2)

- Fire Separation Requirements

- Per Table 508.4 No Separation Req'd if:
 - $(B \text{ Use Area} / \text{Tabular Area}) + (S-1 \text{ Use Area} / \text{Tabular Area}) \leq 1$
 - Tabular Area = 9,000 sqft (Type V-B Construction (Wood))
 - $(1,104 \text{ sf} / 9,000 \text{ sf}) + (6,596 \text{ sf} / 9,000 \text{ sf}) = 0.856$
✓ Separation NOT Req'd.

- Area Limits

- Table 506.2 Type V-B Construction (wood/combustible)
- Area permitted up to 9,000 sqft
✓ Wood Construction O.K.

- Fire Sprinkler Requirements

- Sprinkler Required When (Table 903.2):
 - Required IF Total Fire Area exceeds 12,000 sqft <<N/A
 - ✓ M.G.L. 148 26G **may be** required IF aggregate area exceeds 7,500 sqft¹
 - ✓ Required if S-1 Use area exceeds 5,000 sqft and use for Commercial Motor Vehicles ²

Garage WILL service DCR's Fleet of heavy equipment and commercial vehicles - sprinkler system required

Notes:

1. M.G.L. stipulates that requirements may be appealed to the **Sprinkler Appeals Board** where the head of the fire department determines that sufficient water and pressure does not exist.
2. Variances sought from the Code must be filed with the **Building Code Appeals Board**.

**DCR Quabbin Maintenance Building
Cost Breakdown**

Total Direct Costs \$ 1,535,530 (ref. Kehes Group, LTD w/DCR edits 08/28/2018)

Concrete	\$205,514
Masonry	\$156,575
Metal	\$213,519
Wood & Plastics	\$40,396
Thermal & Moisture Protection	\$258,588
Doors & Windows	\$156,320
Finishes	\$140,637
Specialties, Equipment & Furnishings	\$34,850
Mechanical – Plumbing	\$74,594
Mechanical – HVAC	\$127,988
Electrical	\$124,349
Hazardous Mtrl Abatement	\$2,200
Sub-Total	\$1,535,530

Site Work & Improvements	\$777,079
Design Contingency (7.5%)	\$115,165
Escalation (6 months)	\$60,694

Other “ALLOWANCES”

Fire Protection System	\$250,000
Water Supply Treatment	\$150,000
Water Treatment System Construction	\$150,000
Water System Storage	\$250,000
Sub Total Allowances	\$800,000

TOTAL CONSTRUCTION COST	\$3,288,468
--------------------------------	--------------------

General Conditions (10.95%)	\$360,087
Permits (1.2%)	\$39,462
Insurance (1.10%)	\$40,568
CM Fee (3.0%)	\$111,858
Construction Contingency (2.5%)	\$96,011
Design Fee (25% of General Costs)	\$161,996
Sub Total Construction Fees	\$809,982

TOTAL PROJECT COST (TPC)	\$4,098,450
---------------------------------	--------------------

EXHIBIT A – SITE PHOTOGRAPHS



Photo 1. Aerial view of Quabbin Administration Building Complex, Belchertown, MA.



Photo 2. West Garage at rear of Main Administration Building. Structure currently supports and houses DCR vehicle maintenance crew and associated equipment.



Photo 3. Cracking in masonry of column pilasters supporting bay openings to garage.

EXHIBIT A – SITE PHOTOGRAPHS



Photo 4. Service bay dedicated to equipment and parts storage. Note ladder along north wall serves as access to attic storage space above.



Photo 5. Vehicle lift bay inside garage.



Photo 6. Structural explorations and repair work undertaken on garage in 2016.

EXHIBIT A – SITE PHOTOGRAPHS



Photo 7. Front of existing Stockroom facility located at the end of Blue Meadow Road in Belchertown.



Photo 8. Aerial view to rear of existing Stockroom Facility, site of new Maintenance Building.



Photo 9. Quonset Hut shed at rear of Stockroom facility slated for demolition and disposal.

EXHIBIT B – MA HISTORICAL COMMISSION

950 CMR: OFFICE OF THE SECRETARY OF THE COMMONWEALTH

APPENDIX A
MASSACHUSETTS HISTORICAL COMMISSION
220 MORRISSEY BOULEVARD BOSTON, MASS. 02125
617-727-8470, FAX: 617-727-5128

RECEIVED

MAY 12 2017

MASS. HIST. COMM

RC02302

PROJECT NOTIFICATION FORM

Project Name: DCR Maintenance Facility
Location / Address: 251 Blue Meadow Road
City / Town: Belchertown
Project Proponent
Name: MA Department of Conservation and Recreation
Address: 485 Ware Road
City/Town/Zip/Telephone: Belchertown, MA 01009
After review of MHC files and the materials you submitted, it has been determined that this project is unlikely to affect significant historic or archaeological resources.
Linda Santoro
Preservation Planner
Date: 6/13/17
Massachusetts Historical Commission

Agency license or funding for the project (list all licenses, permits, approvals, grants or other entitlements being sought from state and federal agencies).

Agency Name	Type of License or funding (specify)
EPA	NPDES General Permit for Construction
MA DEP Wastewater	BRPWP63 – Disposal System Construction Permit
MA DEP Water Supply	Well Driller Permit / Water Quality Certificate
MA DEP UIC	Industrial Holding Tank Certification (DEP01)
MA DEP Wetlands	401 Water Quality / Stormwater Control Plan

Project Description (narrative):

The project includes construction of a new maintenance building to be located at the northern end of the property at 251 Blue Meadow Road in Belchertown. The approximately 7,700 square foot facility will offer three (3) oversized service bays, one vehicle wash bay and office/break space for the repair and servicing of DCR equipment and vehicles. The Project will include new building construction, on-site wastewater disposal and well construction, improvements to access drives and parking facilities, and associated site work.

Does the project include demolition? If so, specify nature of demolition and describe the building(s) which are proposed for demolition.

Yes. The Project will include the removal and relocation of a World War II era Quonset Hut structure currently being used for storage of equipment and materials. Removal is necessary to accommodate construction of the building and for one-way traffic flow to access the back side of the proposed building. DCR is committed to working with the DCR staff archaeologist to determine the best re-use of this structure.

Does the project include rehabilitation of any existing buildings? If so, specify nature of rehabilitation and describe the building(s) which are proposed for rehabilitation.

Yes. The Project will require and presents the opportunity to upgrade utilities and services to the existing DCR Stockroom Building. Upgrades will include a replacement (shared) septic disposal system, IT and power upgrades to enhance service and maintenance needs.

5/31/96 (Effective 7/1/93) - corrected 950 CMR - 275

EXHIBIT B – MA HISTORICAL COMMISSION

950 CMR: OFFICE OF THE SECRETARY OF THE COMMONWEALTH

APPENDIX A (continued)

Does the project include new construction? If so, describe (attach plans and elevations if necessary).

Yes. The Project includes the construction of a 28 ft tall, 110 ft long and 70 ft wide pre-engineered wood frame/steel clad building. The new building will offer up to 9,600 sf of floor space that will include office space, shop floor area, a second floor mezzanine for storage, and a vehicle wash bay. Detailed plans and elevations are included as Exhibit I.

To the best of your knowledge, are any historic or archaeological properties known to exist within the project's area of potential impact? If so, specify.

Yes. The project area is located to the northwest of the "Blue Meadow Road Area", included in MHC's Inventory of Historic and Archaeological Assets of the Commonwealth (BLC.J). Note that the structure in the Area Form's photograph labeled "Quabbin Reservoir Maintenance Facility, BLC.140" is the same structure as the DCR Stockroom Building referred to earlier in the PNF. However, please note that the map shown on the Area Form does not include the DCR Stockroom Building (which is located further to the west down Blue Meadow Road) but instead includes other maintenance buildings located closer to the residential buildings included in the Area Form. Similarly, the structure labeled as BLC.140 on the online MACRIS Maps website is not the DCR Stockroom Building. An Archaeological Site Sensitivity Assessment has been performed by DCR Archaeologist Ellen Berkland and is included as Exhibit III.

What is the total acreage of the project area? 4.25 acres

Woodland	<u>2.65</u>	acres	Productive Resources:	
Wetland		acres	Agriculture	_____ acres
Floodplain		acres	Forestry	_____ acres
Open space	<u>1.2</u>	acres	Mining/Extraction	_____ acres
Developed	<u>0.40</u>	acres	Total Project Acreage	_____ acres

What is the acreage of the proposed new construction? 2.29 acres

What is the present land use of the project area? Woodland / Open Space / Less than 3% Developed

Please attach a copy of the section of the USGS quadrangle map which clearly marks the project location.
See Attached. USGS Quad Image, Winsor Dam, 1967.

This Project Notification Form has been submitted to the MHC in compliance with 950 CMR 71.00.

Signature of Person submitting this form:  Date: 5/8/17

Name: John Scannel, Acting Regional Director

Address: DCR Quabbin Reservoir – 485 Ware Road

City/Town/Zip: Belchertown, MA 01007

Telephone: 413-323-6921

REGULATORY AUTHORITY 950 CMR 71.00: M.G.L. c. 9, §§ 26-27C as amended by St.

1988, c. 254.

7/1/93 950 CMR - 276

EXHIBIT B – MA HISTORICAL COMMISSION

Archaeological Site Sensitivity Assessment for the New Facility Development, DCR Quabbin Section, Blue Meadow Road, Belchertown, MASS

Prepared by,

Ellen Berkland, DCR Archaeologist

The proposed new maintenance facility area, to be located adjacent to the Stockroom building on Blue Meadow Road, Belchertown, MA, has been the focus of a *Preliminary Cultural Resources Assessment for the Quabbin, Ware and Wachusett Watershed Lands*. Published in 1986, this report was designed to provide an initial framework for development of a plan for management of cultural resources in the then Metropolitan District Commission's Quabbin, Ware, and Wachusett Watershed Lands.

Review of DCR records and the Inventory of Historic and Archaeological Assets of the Commonwealth indicates there are no recorded historic or archaeological resources within the proposed new maintenance facility development project areas. A study of the land-use history of the proposed project area revealed the parcel had been an established red pine plantation. In addition, recently collected soil core data conducted as part of DCR's efforts to upgrade the on-site septic system, exposed a 1.5 inch steel pipe at 70 inches below surface in two cores (part of an irrigation system). The red pine plantation and irrigation system would have destroyed any subterranean cultural features.

Three inventoried properties listed on the Inventory of Historic and Archaeological Assets of the Commonwealth are located on the west side of Blue Meadow Road in Inventoried Area BLC.J , *Quabbin Reservoir Worker Housing*. Inventoried Properties within BLC.J include BLC.140, BLC.141 and BLC.221 which are listed as both the Quabbin Reservoir Worker and Staff Housing.

Considering the preliminary site plans submitted by DCR Regional Engineer Scott Campbell, and the site-specific data collected for this assessment, it has been determined that this project is unlikely to affect significant historic or archaeological resources.

EXHIBIT B – MA HISTORICAL COMMISSION

Massachusetts Cultural Resource Information System Scanned Record Cover Page

Inventory No:	BLC.J
Historic Name:	Blue Meadow Road
Common Name:	Quabbin Reservoir Worker Housing
Address:	
City/Town:	Belchertown
Village/Neighborhood:	
Local No:	17-1, 17-11
Year Constructed:	
Architect(s):	
Architectural Style(s):	
Use(s):	Other Governmental or Civic; Other Residential; Workers Housing
Significance:	Architecture; Community Planning; Industry
Area(s):	
Designation(s):	
Building Materials(s):	



The Massachusetts Historical Commission (MHC) has converted this paper record to digital format as part of ongoing projects to scan records of the Inventory of Historic Assets of the Commonwealth and National Register of Historic Places nominations for Massachusetts. Efforts are ongoing and not all inventory or National Register records related to this resource may be available in digital format at this time.

The MACRIS database and scanned files are highly dynamic; new information is added daily and both database records and related scanned files may be updated as new information is incorporated into MHC files. Users should note that there may be a considerable lag time between the receipt of new or updated records by MHC and the appearance of related information in MACRIS. Users should also note that not all source materials for the MACRIS database are made available as scanned images. Users may consult the records, files and maps available in MHC's public research area at its offices at the State Archives Building, 220 Morrissey Boulevard, Boston, open M-F, 9-5.

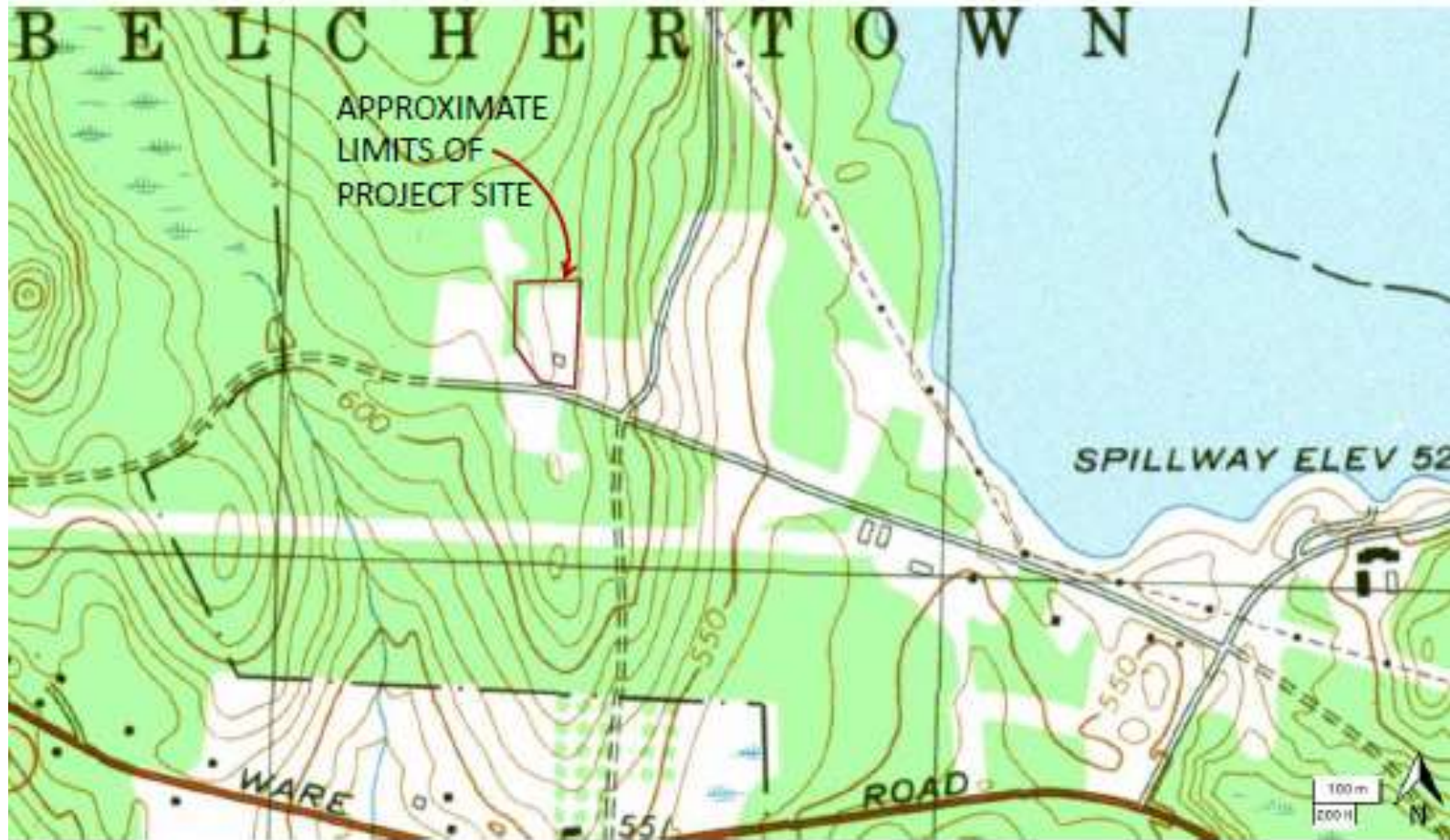
Users of this digital material acknowledge that they have read and understood the MACRIS Information and Disclaimer (<http://mhc-macris.net/macrisdisclaimer.htm>)

Data available via the MACRIS web interface, and associated scanned files are for information purposes only. THE ACT OF CHECKING THIS DATABASE AND ASSOCIATED SCANNED FILES DOES NOT SUBSTITUTE FOR COMPLIANCE WITH APPLICABLE LOCAL, STATE OR FEDERAL LAWS AND REGULATIONS. IF YOU ARE REPRESENTING A DEVELOPER AND/OR A PROPOSED PROJECT THAT WILL REQUIRE A PERMIT, LICENSE OR FUNDING FROM ANY STATE OR FEDERAL AGENCY YOU MUST SUBMIT A PROJECT NOTIFICATION FORM TO MHC FOR MHC'S REVIEW AND COMMENT. You can obtain a copy of a PNF through the MHC web site (www.sec.state.ma.us/mhc) under the subject heading "MHC Forms."

Commonwealth of Massachusetts
Massachusetts Historical Commission
220 Morrissey Boulevard, Boston, Massachusetts 02125
www.sec.state.ma.us/mhc

This file was accessed on: Wednesday, March 29, 2017 at 2:54: PM

EXHIBIT B – MA HISTORICAL COMMISSION




	MA DCR – NEW MAINTENANCE BUILDING PROJECT SITE LOCUS MAP – Winsor Dam Quad, 1967 251 BLUE MEADOW RD BELCHERTOWN, MA 01007	DATE	03/27/17
		SCALE	1:9,028
		CK BY:	DCR-CIVIL

EXHIBIT B – MA HISTORICAL COMMISSION




	MA DCR – NEW MAINTENANCE BUILDING PROJECT SITE EXISTING CONDITIONS – 2013-2014 COLOR ORTHOS (USGS) 251 BLUE MEADOW RD BELCHERTOWN, MA 01007	DATE	03/27/17
		SCALE	AS SHOWN
		CK BY:	DCR-CIVIL

EXHIBIT C - CONCEPTUAL BUILDING AND SITE DEVELOPMENT PLANS

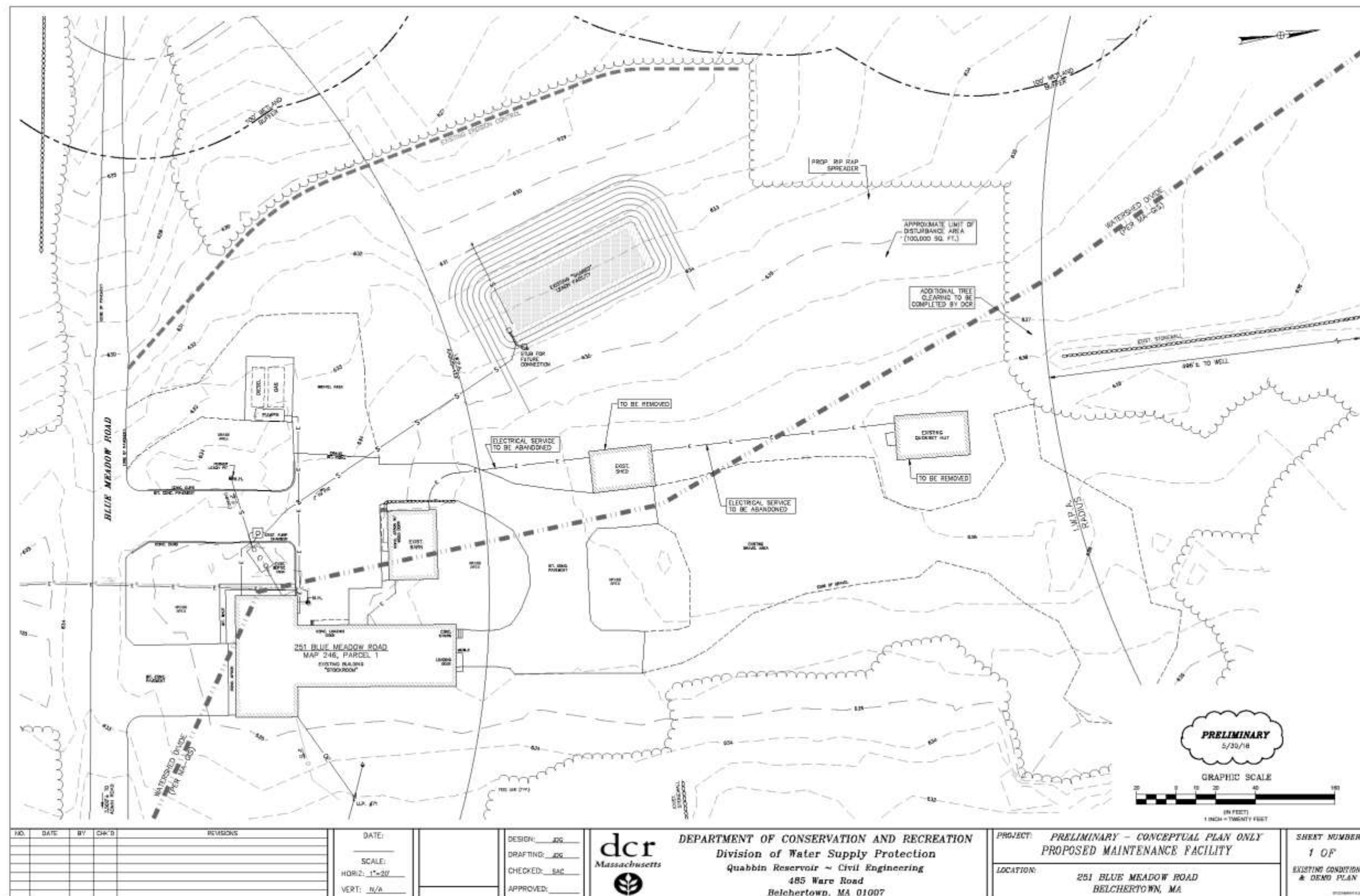


EXHIBIT C - CONCEPTUAL BUILDING AND SITE DEVELOPMENT PLANS

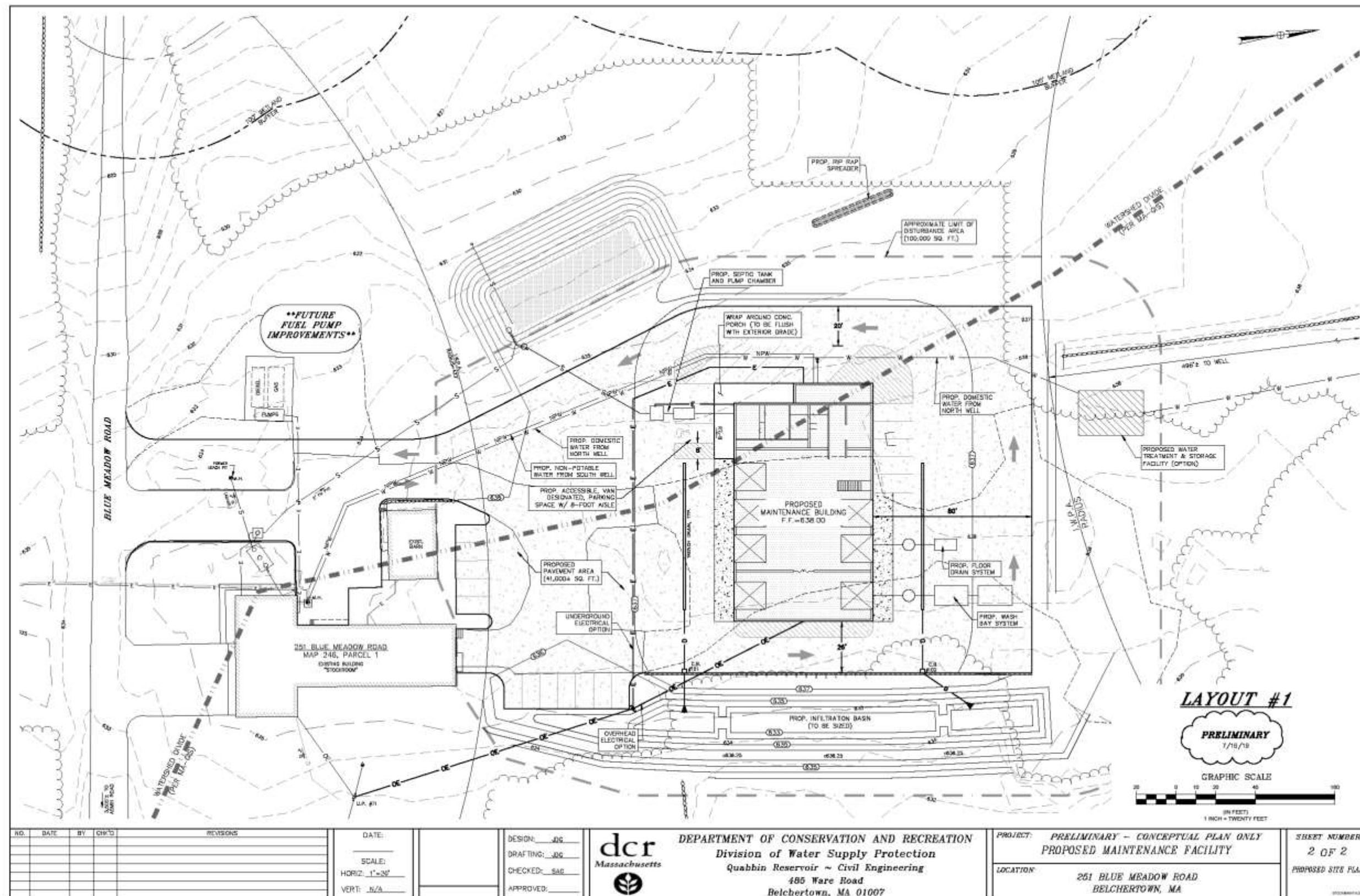


EXHIBIT C - CONCEPTUAL BUILDING AND SITE DEVELOPMENT PLANS

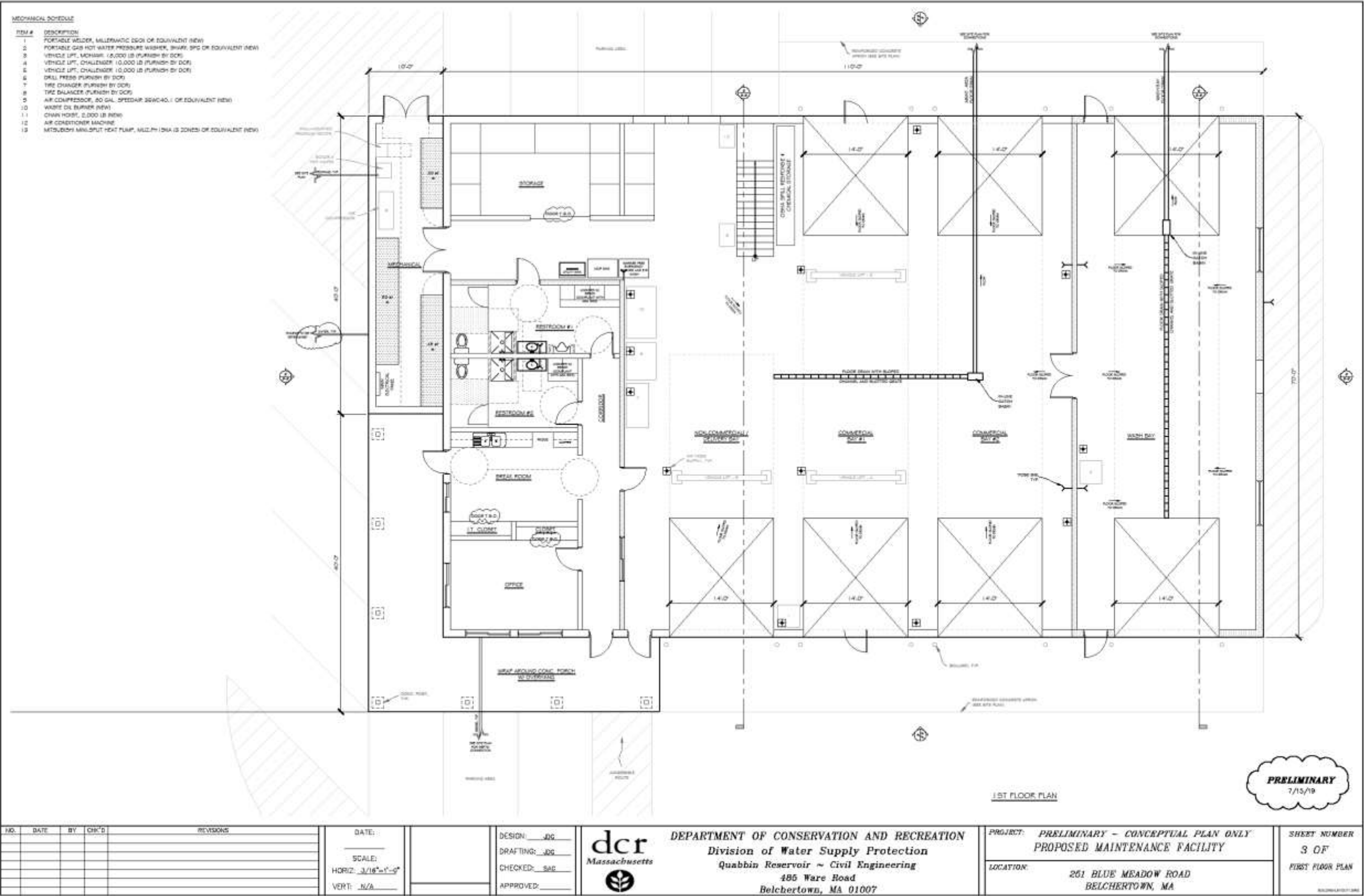


EXHIBIT C - CONCEPTUAL BUILDING AND SITE DEVELOPMENT PLANS

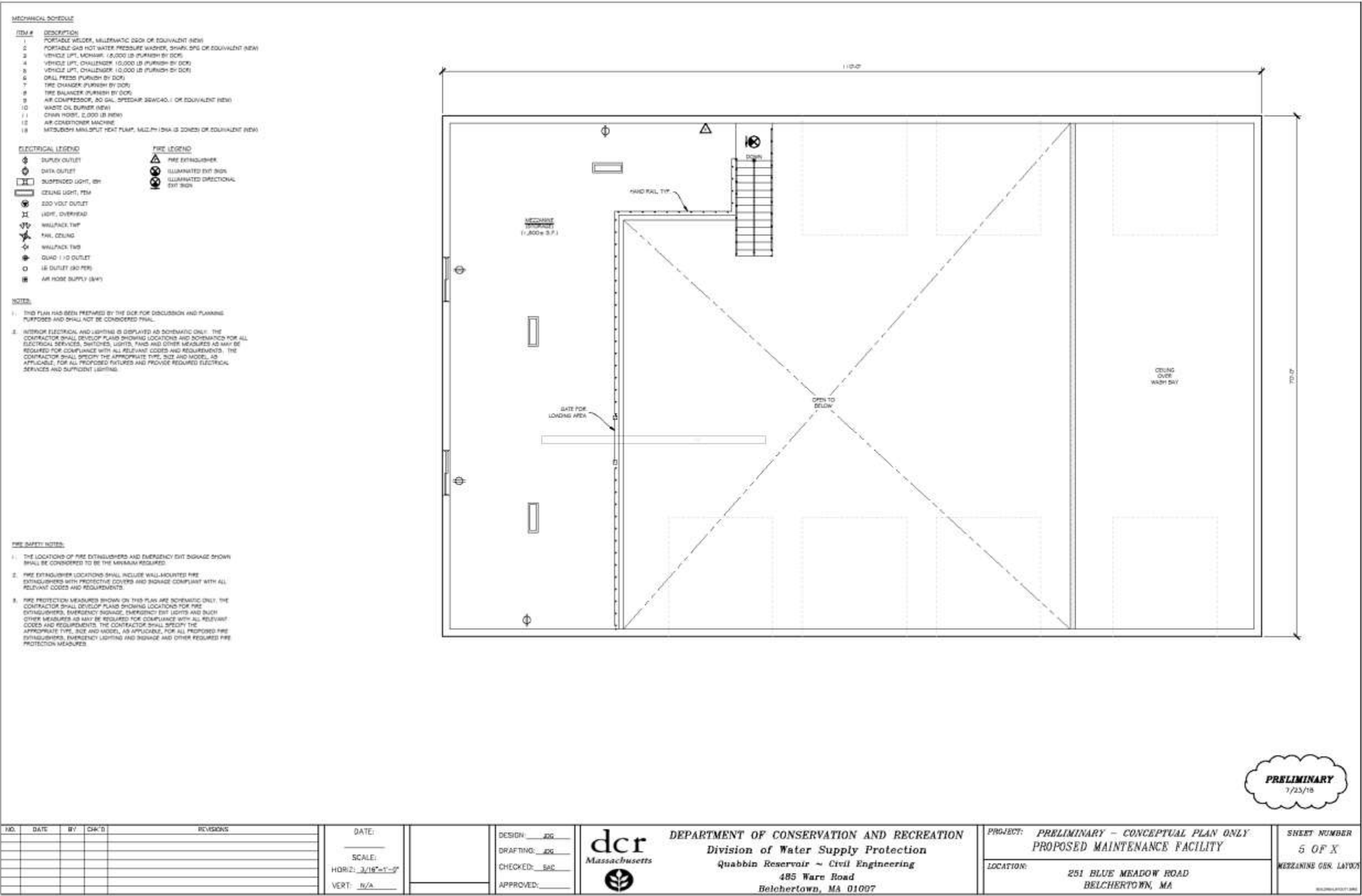


EXHIBIT C - CONCEPTUAL BUILDING AND SITE DEVELOPMENT PLANS

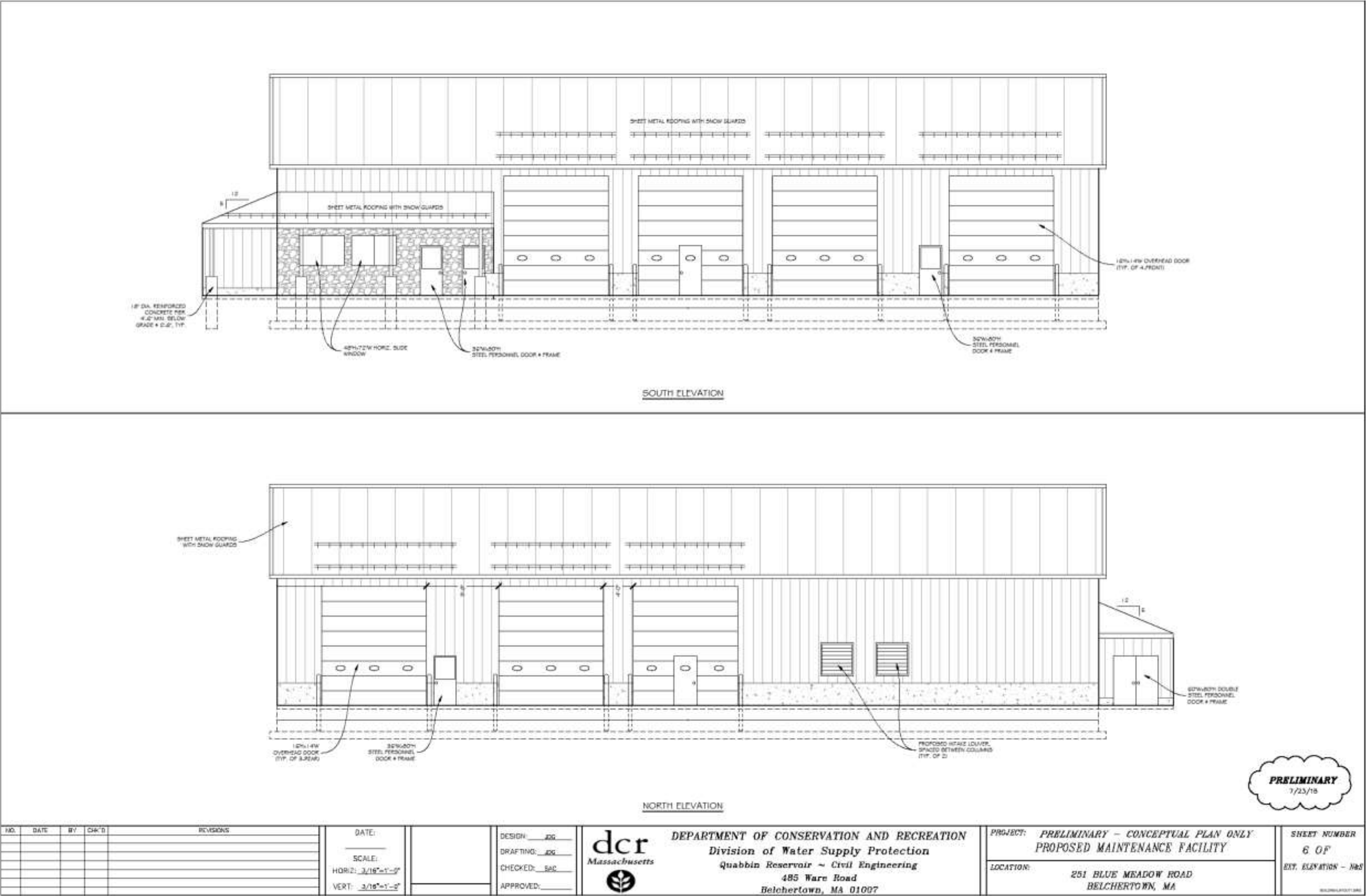


EXHIBIT C - CONCEPTUAL BUILDING AND SITE DEVELOPMENT PLANS

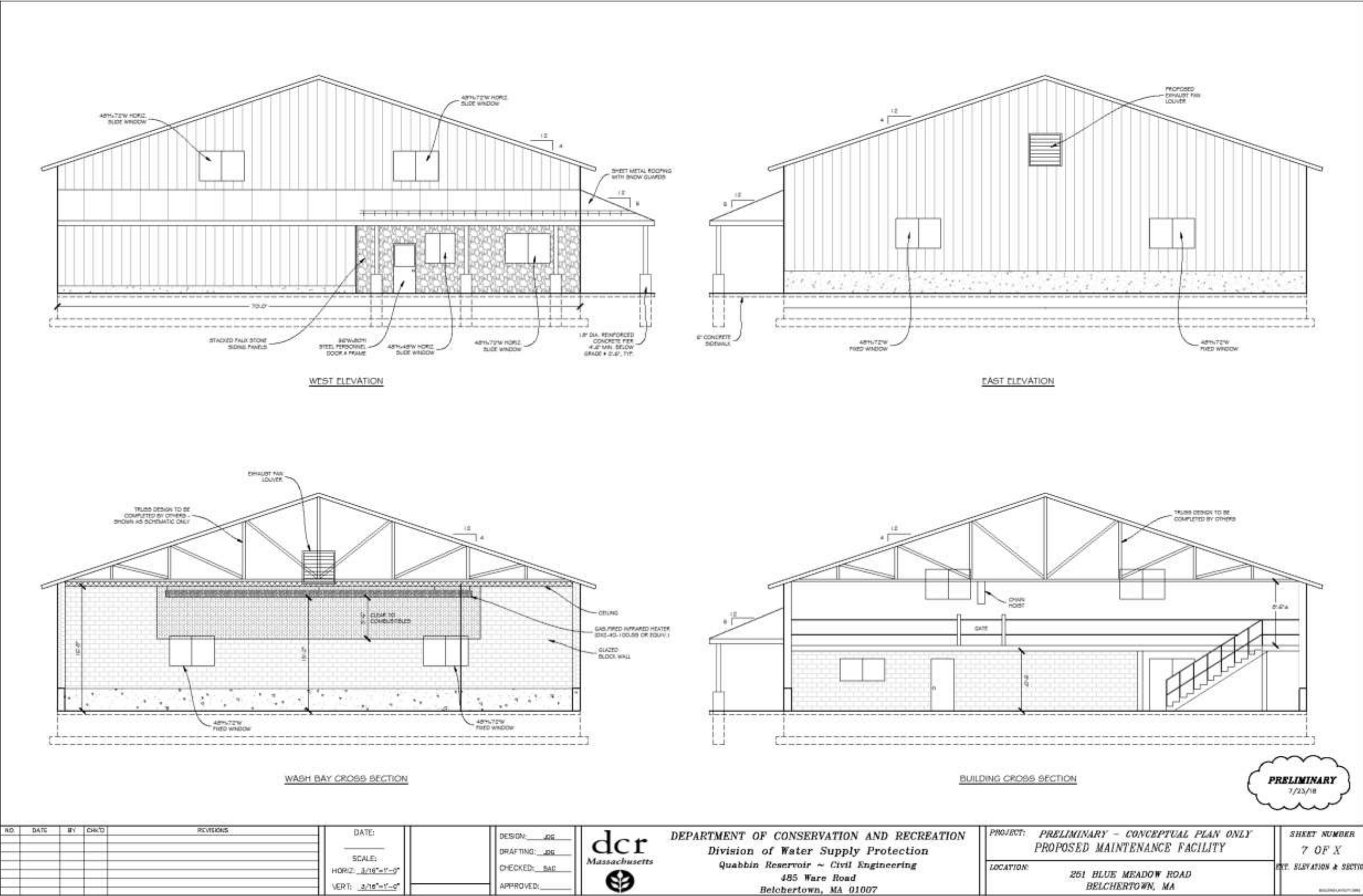


EXHIBIT D – SUPPORTING INFORMATION

Water Filtration Review and Proposal

Whitewater Systems, Inc. technical brief dated March 14, 2018

Fire Protection Engineering Review and Recommendations

RAN Fire Protection Engineering memorandum dated June 29, 2018