The City of Lowell
City Hall • 375 Merrimack Street • Lowell, MA 01852
P: 978.970.4110 • F: 978.970.4114
www.LowellMA.gov

December 18, 2015

ADDENDUM #1
RFP #16-14
Pawtucket Falls Overlook

The number of this Addendum, Addendum No. 1, must be entered in the space provided on the Bid Form.

CLARIFY:

Project Concept and Design

Is there any reason the RFP was listed as an Engineer-lead project? Is that how the City of MassDOT wants to see it structured? The project seems more driven by landscape design than engineering.

The consultant or consultant team must prove technical capacity to deliver all required parts of the project scope.

Are we bidding only on Phase 1a?

The proposal should be for all phases. There is currently $50,000 available for the project, with an additional $150,000 which Lowell National Historical Park is currently securing. The proposal should include a breaking point between submission of 25% PS&E to MassDOT (phase 1a) and any additional tasks. A Notice to Proceed on the additional tasks will be issued upon securing the $150,000. Consultants are free to suggest tasks to move from phase 1a to other phases so long as a complete 25% PS&E package is completed in phase 1a.

Are the plans provided considered the Concept Design?

Yes, the plans can be considered a Concept Design.

Is it the intent to have portions of the project to be designed as multi-use path and portions designed as sidewalk, or is the entire project to be designed as a multi-use path?

The goal of the project is to provide a multi-use path wherever the right-of-way width permits. It is understood that the sidewalk area within "Section 2" has limited right-of-way and may need to be designed to sidewalk standards.

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Can it be assumed that the bridge will be prefab on concrete abutments?

Our intention is for the bridge superstructure to be a design-build prefab with selected consultant providing design of abutments and design parameters for the superstructure. The intent for the superstructure was either a pony truss or beams above the deck to maximize clearance over the water surface. Soil borings will be needed to design abutments.

Is there an anticipated design vehicle for pedestrian bridge (H-10)?

At this point, there is not an anticipated design vehicle for the pedestrian bridge. Our intention is to design the most cost-effective bridge that will be approvable by all project partners. The City is currently examining the possibility of a waiver from MassDOT requirements and any design implications that might have. Please respond assuming design for a pedestrian-rated bridge as described above and turn-off paths on either side of the brook. The final bridge type will be approved after submitting the Bridge Type Report (Phase 1b, task b).

Permitting and Licensing

Who will be the applicant for permits: City/MassDOT/DCR?

The permit applicant shall be the entity legally required or legally able to submit permit documents based on land ownership for each required permit. It is anticipated that different applicants may be required and or utilized for separate permits.

Who is responsible for permitting?

The City will lead the permitting process in conjunction with the Lowell National Historical Park, but MassDOT reserves the right to apply for any permits themselves. It is expected that the same level of effort must be undertaken for permitting and licensing regardless of the applicant. The consultant will be responsible for Chapter 91 permitting and, if required, a stormwater permit. Other permit and license applications will be drafted in-house by project partners.

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What permits were previously submitted/approved for the project? Specifically, has an Order of Conditions been issued for previous project?

No permits or license applications have been submitted or approved for the Pawtucket Falls Overlook project.

The attached document posted on the City of Lowell website describes many environmental permits under section 150 of the document. The document is dated 2005 so I would like to verify that these permits have not been acquired by others since the document was prepared.

Appendix B is a reference document. Not all permits described in that document are needed for the project. Appendix A outlines the permits for which the consultant will be responsible. The consultant is responsible for Chapter 91 permitting and may be responsible for a stormwater license application if the project design requires the license. Other permits and licenses applications will be drafted in-house by project partners. No permits or licenses have been submitted or approved for the Pawtucket Falls Overlook.

Is there an abutters list available for the project to aid in costing certified mailings associated with a Wetlands Protection Act Notice of Intent filing with the Lowell Conservation Commission?

No abutters list is currently available. The long, linear project is bounded to the south entirely by the Merrimack River and to the north, across a limited-access roadway, by a residential neighborhood that is overwhelmingly composed of single-family houses.

Partner Roles

Who are the reviewing agencies: MassDOT, City, DCR, other?

At 25%, 75%, and 100%, plans, specifications, and estimates will first be reviewed by a review team including the City of Lowell, Massachusetts Department of Conservation and Recreation, Lowell National Historical Park, and Northern Middlesex Council of Governments. After approval by the review team, the PS&E will be submitted for a formal review by MassDOT.

How is the National Park Service involved?

National Park Service, acting through Lowell National Historical Park, created the concept design, initiated the project, and is funding the current design project. They are part of the review team and will provide assistance securing necessary permits and licenses.

Is coordination with MassDOT direct or through City of Lowell?

A document control contact list will be provided. The selected consultant may communicate with project partners such as MassDOT directly, but must carbon copy all members of the contact list.

Will MassDOT bid the project?

Yes, MassDOT will bid and construct the project. The project team is responsible for design and permitting.

Technical

Is it possible to re-issue drawing L1.1 as it is corrupted and cannot be opened or viewed?

Yes, please find attached.

Are AutoCAD files available for the drawings provided in the RFP?

Only PDF files are available.

Will the NPS provided design be in accordance with MassDOT standards?

NPS will provide detail drawings to the selected consultant as described in the Technical Scope. They will not be in MassDOT standards. It will be up to the contractor to convert those drawings into MassDOT standards.

Survey and Wetlands Delineation

Datums

- **Both NGVD29 and NAVD88 are referenced on the plans (Sheet S1 and K-2 respectively) can the vertical datum for the survey be confirmed? If**

NGVD29, will the survey need to be corrected to NAVD88 to meet MassDOT standard?

- **Please confirm horizontal datum is NAD88?**

The correct datum is NGVD29. Sheet K-1 is incorrect.

Who conducted the previous survey and what was the approximate date it was completed? Who performed previous survey?

Survey drawings are available in AutoCAD format and oldwere completed in 1995. BSC completed the survey. A new survey shall be undertaken as part of the project.

Are there existing base plans available that provide all of the appropriate references and notes?

Drawings P1-P5 (attached) are PDF files of the existing topo base plans. All notes and references available are on those drawings. If relevant to the new effort, the CAD file of the topo will be furnished to the selected consultant.

Have wetland resources been flagged? If so when were they last flagged? Depending on that date do they need to be to be re-flagged? Have any Bordering Vegetated Wetlands and/or River Bank been delineated and survey located?

The only known survey location of the river bank is in drawings P1-P5 (attached). A new survey may be undertaken as part of the project at the consultant's discretion, in which case, wetland resources may need to be re-flagged. However, no construction at or very close to the riverbank is anticipated as part of this project.

Will a new existing conditions survey be required and is it required to be mathematically tied to the State Highway Layout of Rt. 113?

A new survey shall be undertaken as part of the project. The consultant will coordinate with MassDOT Section 4 Survey Section prior to beginning survey to establish vertical and horizontal control points. All survey work must be prepared in accordance with the MassDOT Survey Manual.

Will the survey need to be brought up to current MassDOT Civil 3D CAD standards?

The selected consultant or consultant team must possess the ability to create survey and bring final drawings to the MassDOT Civil 3D CAD standard. MassDOT may ultimately require this standard be met.

MassDOT Plans, Process, and Construction Engineering

Does the City require the MassDOT Work Hour Estimate back up to be included in the submittal?

No, the MassDOT Work Hour task descriptions were only included for reference to describe level of detail or effort necessary for each task in the technical scope of work.

How do we obtain a copy of MassDOT project 605966 referenced in the RFP?

There are no design plans for project 605966 at this time. The selected consultant will need to coordinate with MassDOT as design for both projects will simultaneously progress.

Will actual Right of way plans will be required or will an easement plan be needed?

The project will require a MassDOT-approvable Right-of-Way plan with construction and permanent sidewalk easement locations.

Is the Right of Way relocation necessary as described in the RFP?

The project area will continue to be owned by Massachusetts DCR and the City of Lowell and the state highway layout will not be readjusted. However, the consultant must prepare a MassDOT-approvable Right-of-Way plan.

Will MassDOT provide a Resident Engineer for full-time construction inspection?

Yes, MassDOT will provide a Resident Engineer for full-time construction inspection. The consultant would provide a limited support role.

If the Consultant is expected to provide full time construction inspection what is the anticipated duration of construction that should be budgeted?

The Consultant is not expected to provide full-time construction inspection.

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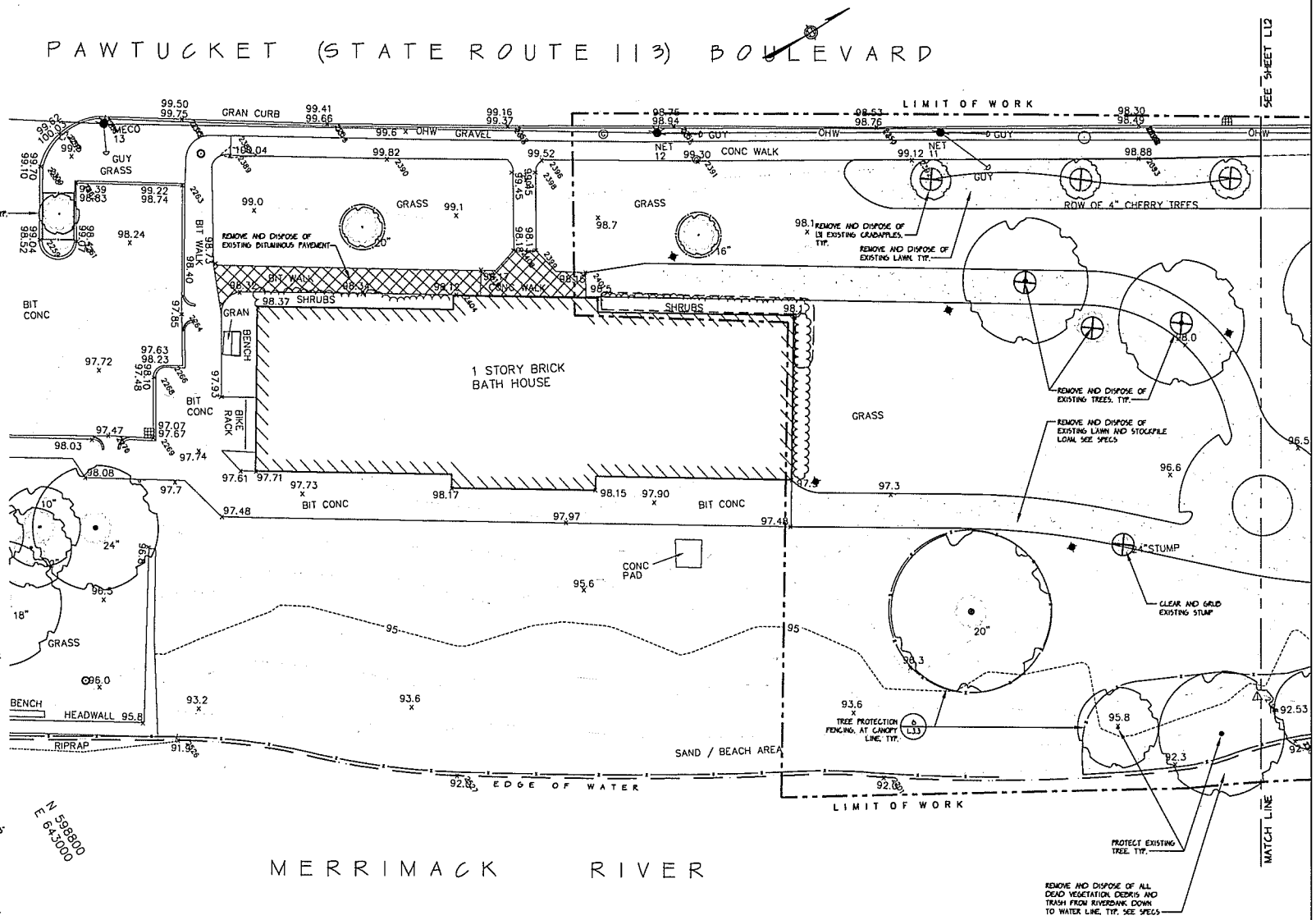
Is there an hourly budget that should be assumed for review of shop drawings, advice and field visits? Can one day be assumed for the resolution to foundation issues during all phases of construction?

Four days' effort should be expected during construction phase for all construction phase design services.

Sincerely,

PM Vaughn
Chief Procurement Officer

Attachments – attached & posted on-line at
City of Lowell website
Purchasing Department
Open Solicitations



LEGEND

- LIMIT OF WORK LINE (LOW)
- TREE PROTECTION FENCING
- EXISTING TREE TO REMAIN AND BE PROTECTED
- EXISTING TREE OR SHRUB TO BE REMOVED
- EDGE OF WATER
- EXISTING BITUMINOUS CONCRETE PAVING TO BE REMOVED AND DISPOSED OF, EXISTING BASE TO REMAIN AS NEEDED
- EXISTING CONCRETE PAVEMENT TO BE REMOVED AND DISPOSED OF, EXISTING BASE TO REMAIN AS NEEDED
- EXISTING LAWN AREA TO BE REMOVED AND DISPOSED OF
- EXISTING SHRUB TO BE REMOVED AND DISPOSED OF

SITE PREP AND DEMO NOTES:

1. AREAS TO BE BITUMINOUS PAVEMENT SHALL BE EXCAVATED TO 16" DEPTH
2. AREAS TO BE LOAM AND SEEDED SHALL BE EXCAVATED TO 6" DEPTH

TOPOGRAPHIC PLAN

FEET
1" = 10'

METERS

MASSACHUSETTS COORDINATE SYSTEM MAINLAND ZONE

95% CONSTRUCTION DOCUMENTS, NOT FOR CONSTRUCTION

BROWN, RICHARDSON & ROVE

MARCH 9, 2004
DWG. NO. L1
FILE:L01.DWG

SHEET 1 OF 10

EARTH TECH

LOWELL CANALWAY
LOWELL, MIDDLESEX COUNTY, MASSACHUSETTS

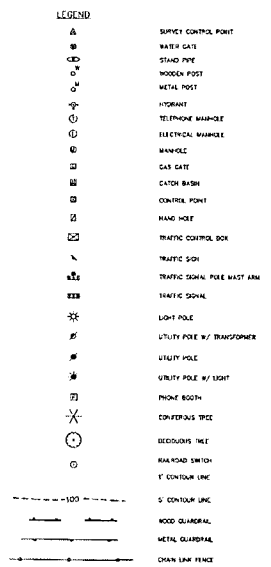
NO.	REVISION	DATE

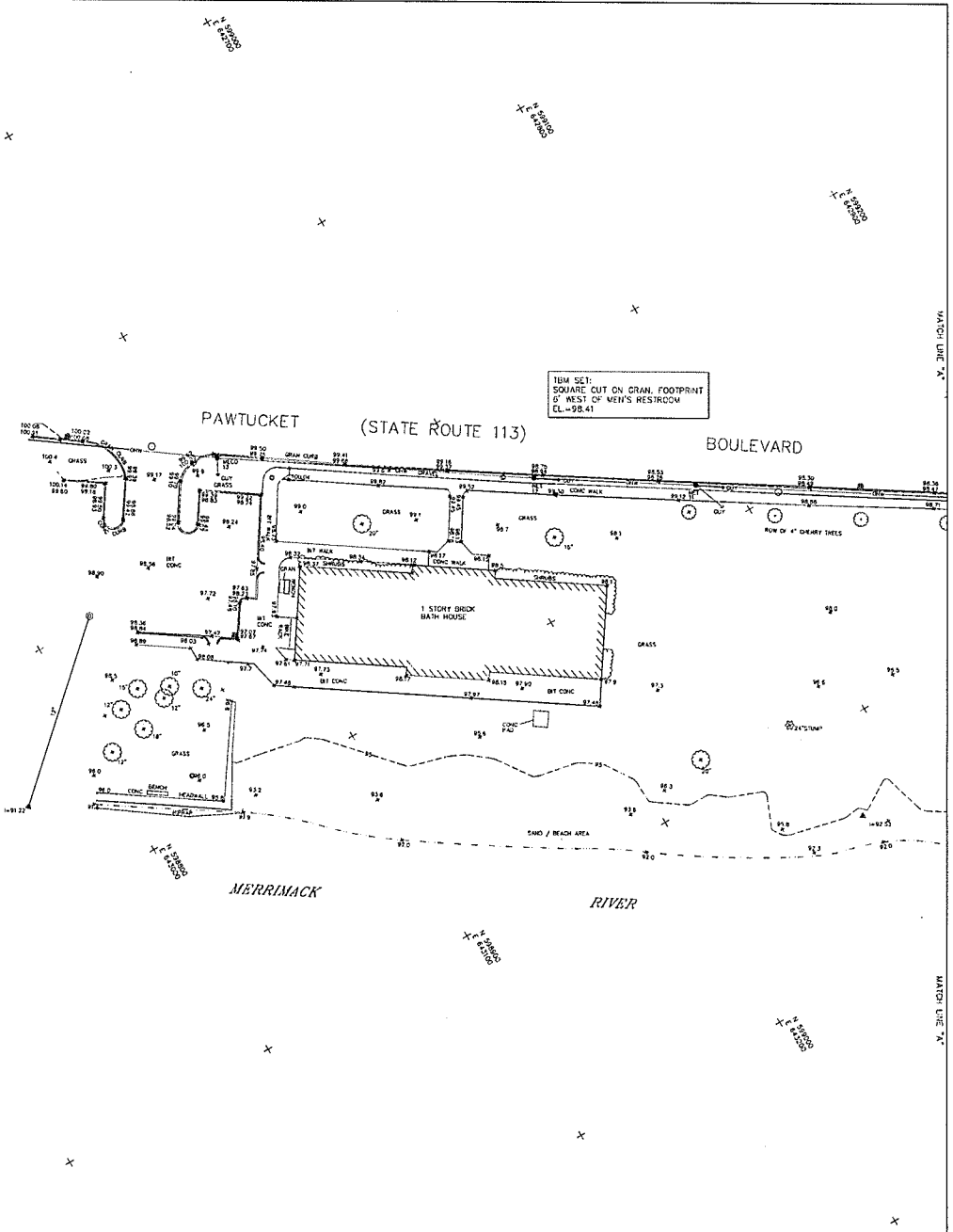
LOWELL HISTORIC PRESERVATION COMMISSION
U.S. DEPARTMENT OF THE INTERIOR
222 MERRIMACK STREET, SUITE 310
LOWELL, MA 01852
508-458-7653

SHEET TITLE: FALLS OVERLOOK GREENWAY
SITE PREP AND DEMOLITION

SHEET NO. L1.1

DATE	SCALE	DRAWN BY	CHECKED BY	PROJECT NO.
November 2008	1"=10'-0"	PS	CR/JCW	





TOPOGRAPHIC PLAN

FEET
1" = 20'

METERS

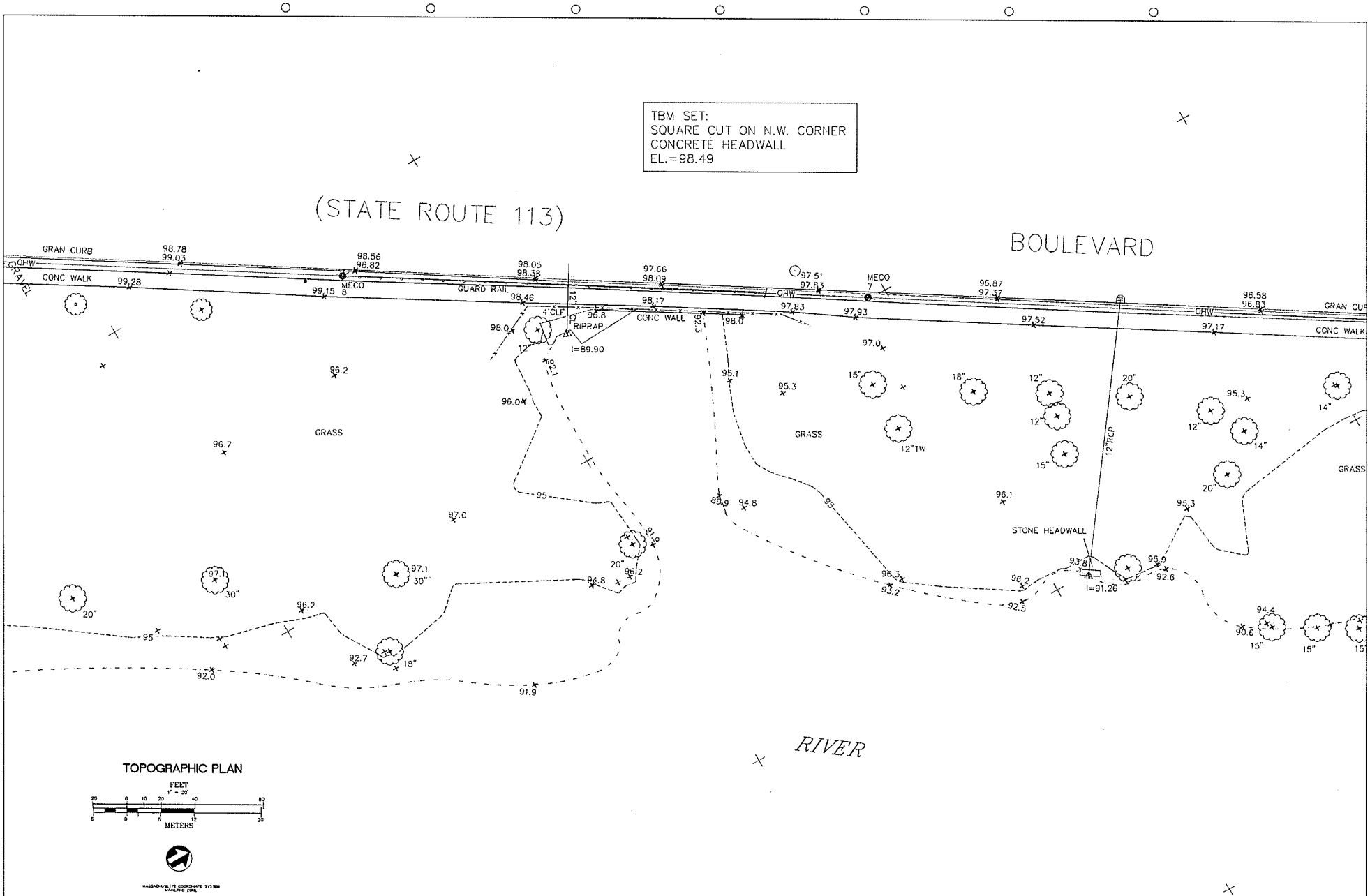
MASSACHUSETTS COORDINATE SYSTEM
MAINLAND ZONE

SHEET 1 OF 5

EDWARD DIXON
P.L.S. No. 34304
FOR THE BSC GROUP, INC

DATE

SURVEY SHEET NO. P1	BSC The BSC Group	425 Summer Street Boston, Massachusetts 02210 617 330 5300		LOWELL, MIDDLESEX COUNTY, MASSACHUSETTS	NO.	REVISION	DATE	LOWELL HISTORIC PRESERVATION COMMISSION U.S. DEPARTMENT OF THE INTERIOR 222 MERRIMACK STREET, SUITE 310 LOWELL, MA 01852 508-458-7653	SHEET TITLE		SHEET NO.
SURVEY PROJECT NO. 1-2275.71, .72		JAN. 23,1995 SHEET 1 OF 5 DWG. NO. 3061-9 FF-17 FILE:L:\P\P\227500\SVY\P.DWG							DATE / SCALE / DRAWN BY / CHECKED BY	PROJECT NO.

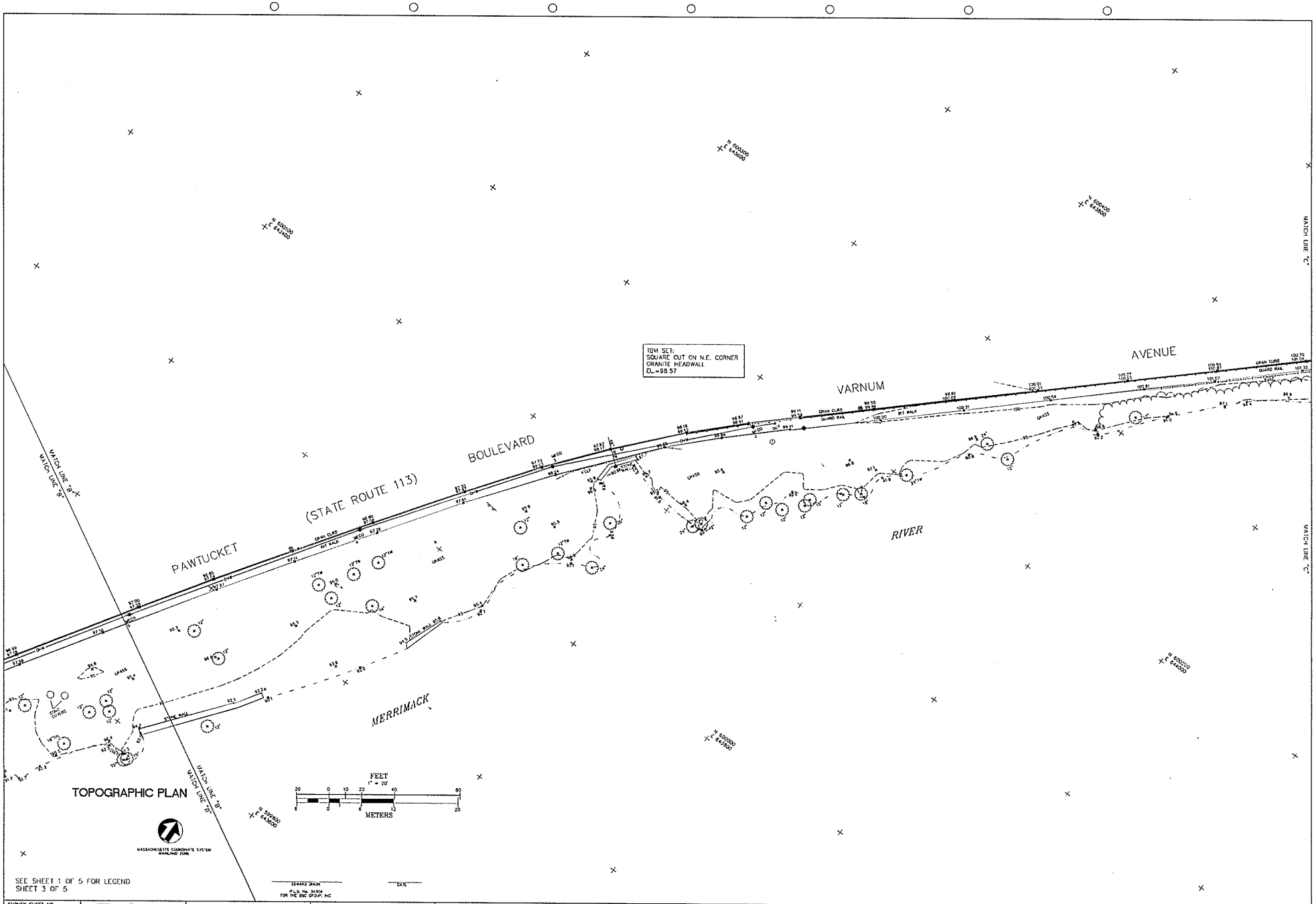


SEE SHEET 1 OF 5 FOR LEGEND
SHEET 2 OF 5

EDWARD DEICH
P.L.S. No. 34304
FOR THE BSC GROUP, INC.

DATE

SURVEY SHEET NO.										
P2	BSC The BSC Group	425 Summer Street Boston, Massachusetts 02210 617 330 5300		LOWELL, MIDDLESEX COUNTY, MASSACHUSETTS	NO.	REVISION	DATE	LOWELL HISTORIC PRESERVATION COMMISSION U.S. DEPARTMENT OF THE INTERIOR 222 MERRIMACK STREET, SUITE 310 LOWELL, MA 01852 508-458-7653	SHEET TITLE	SHEET NO.
SURVEY PROJECT NO. 1-2275.71, .72		JAN. 23,1995 SHEET 2 OF 5 DWG. NO. 3081-9 FF-17 FILE:L:\P\P\227500\SVY\P.DWG							DATE / SCALE / DRAWN BY / CHECKED BY	PROJECT NO.



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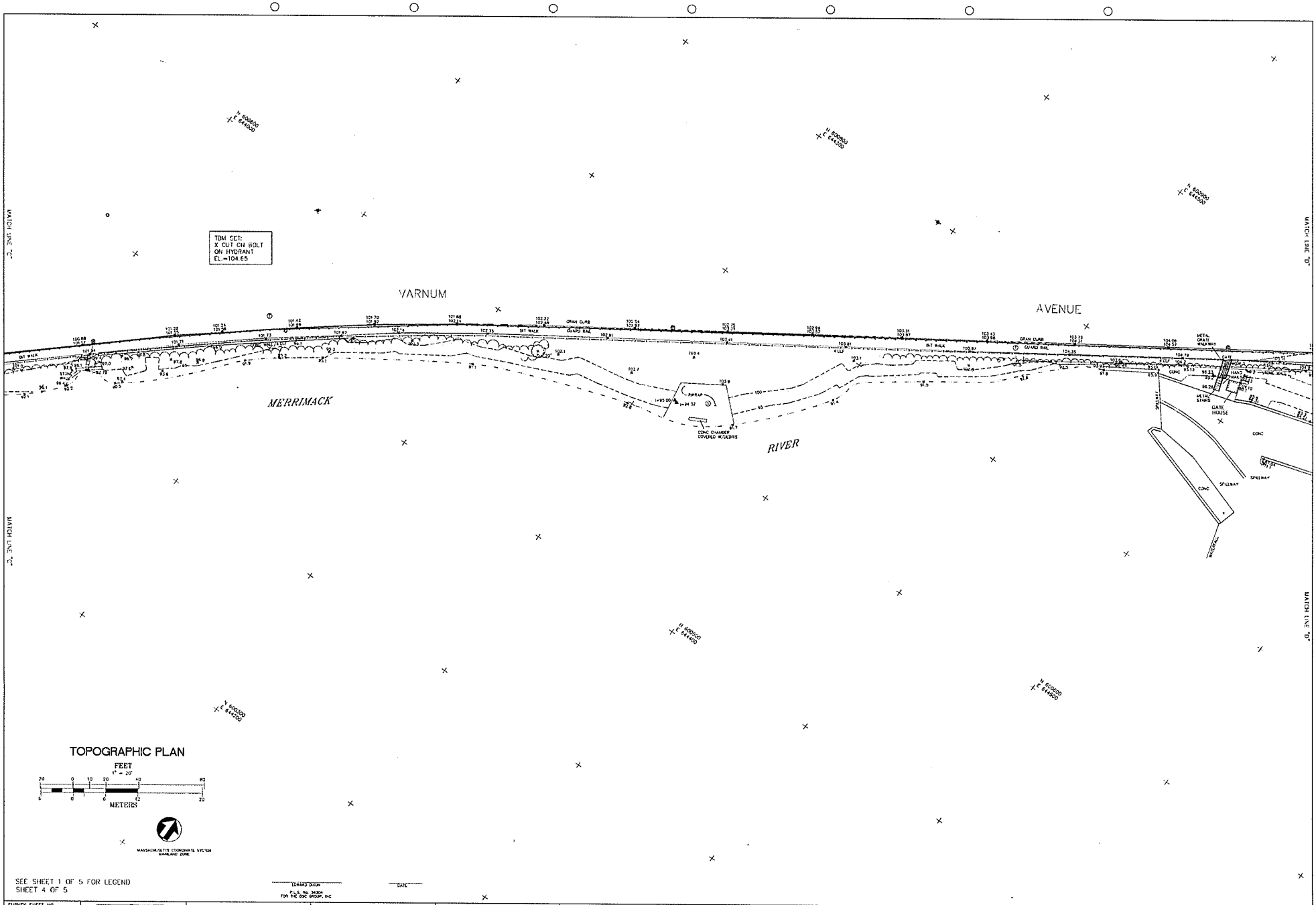
SURVEY PROJECT NO. 1-2275.71, .72		JAN. 23,1995 SHEET 3 OF 5 DWG. NO. 3061-9 FF-17 FILE:L:\P\P\227500\SVY\P.DWG							DATE / SCALE / DRAWN BY / CHECKED BY	PROJECT NO.



TOPOGRAPHIC PLAN

FEET
1" = 20'

METERS

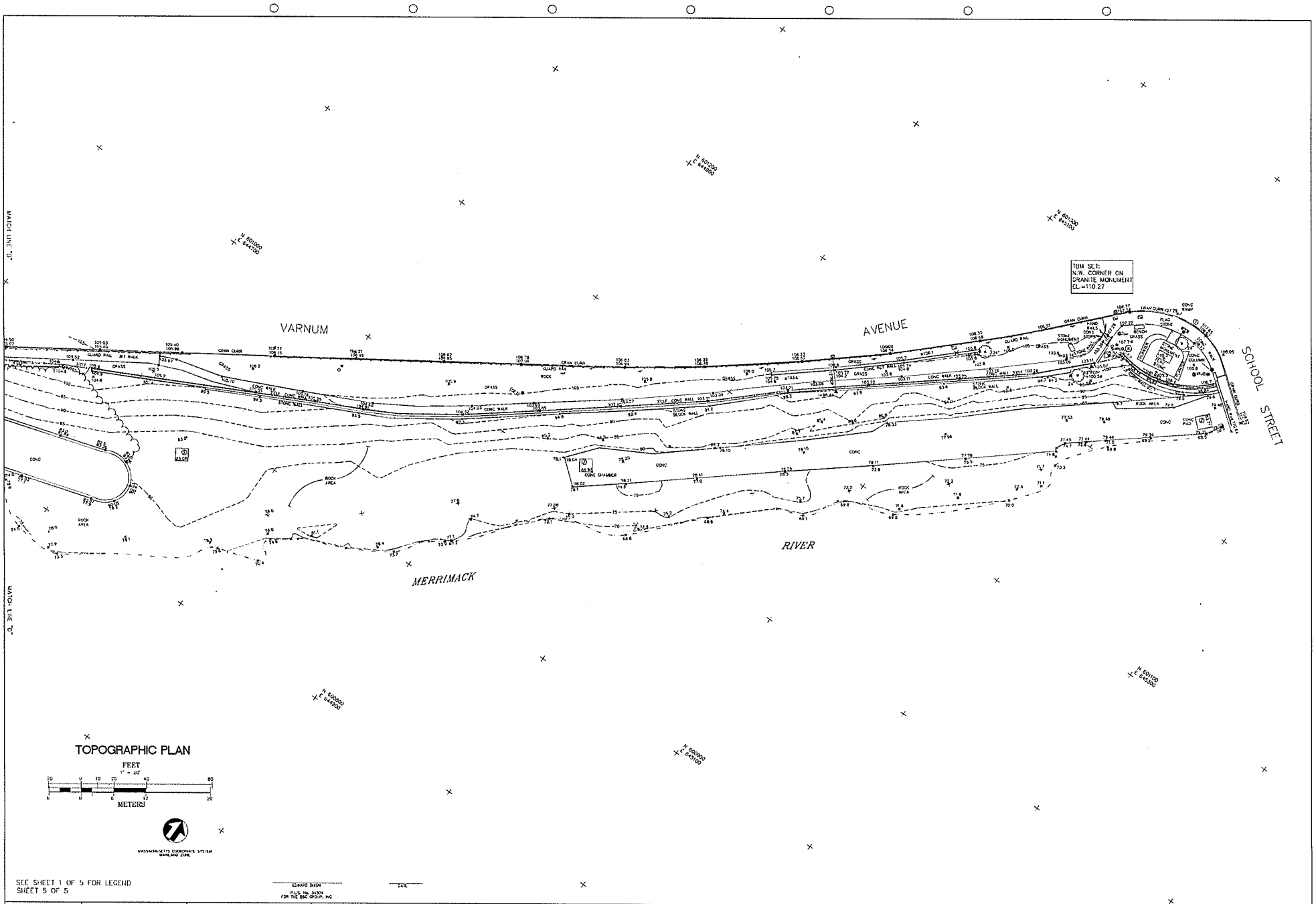
MASSACHUSETTS COORDINATE SYSTEM
MAINLAND ZONE

SEE SHEET 1 OF 5 FOR LEGEND
SHEET 4 OF 5

EDWARD DIXON
P.L.S. No. 34304
FOR THE BSC GROUP, INC

DATE

SURVEY SHEET NO. P4	BSC The BSC Group	425 Summer Street Boston, Massachusetts 02210 617 330 5300		LOWELL, MIDDLESEX COUNTY, MASSACHUSETTS	NO.	REVISION	DATE	LOWELL HISTORIC PRESERVATION COMMISSION U.S. DEPARTMENT OF THE INTERIOR 222 MERRIMACK STREET, SUITE 310 LOWELL, MA 01852 508-458-7653	SHEET TITLE		SHEET NO.
SURVEY PROJECT NO. 1-2275.71, .72		JAN. 23,1995 SHEET 4 OF 5 DWG. NO. 3061-9 FF-17 FILE:C:\P\P\227500\SVY\P.DWG							DATE / SCALE	DRAWN BY / CHECKED BY	PROJECT NO.



SEE SHEET 1 OF 5 FOR LEGEND
SHEET 5 OF 5

EDWARD DIXON
P.L.S. No. 34304
FOR THE BSC GROUP, INC

DATE

SURVEY SHEET NO.										
P5	BSC The BSC Group	485 Summer Street Boston, Massachusetts 02210 617 330 5300		LOWELL, MIDDLESEX COUNTY, MASSACHUSETTS	NO.	REVISION	DATE	LOWELL HISTORIC PRESERVATION COMMISSION U.S. DEPARTMENT OF THE INTERIOR 222 MERRIMACK STREET, SUITE 310 LOWELL, MA 01852 508-458-7653	SHEET TITLE	SHEET NO.
SURVEY PROJECT NO. 1-2275.71, .72		JAN. 23,1995 SHEET 5 OF 5 DWG. NO. 3081-9 FF-17 FILE:L:\P\P\227500\SVY\P.DWG							DATE / SCALE / DRAWN BY / CHECKED BY	PROJECT NO.