



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Stephanie Pollack, Secretary & CEO  
Jonathan L. Gulliver, Highway Administrator



August 28, 2020

604123-111717

ADDENDUM NO. 6

To Prospective Bidders and Others on:

ASHLAND

**Federal Aid Project Nos. CMQ-003S(390), STP-003S(390) & TAP-003S(390)  
Roadway Reconstruction and Related Work along Route 126 (Pond Street)**

BIDS TO BE OPENED AND READ ON: TUESDAY, SEPTEMBER 1, 2020 AT 2:00 P.M.

Transmitting revisions to the Contract Documents as follows:

RESPONSES TO

CONTRACTOR'S QUESTIONS:

1 Page

DOCUMENT 00010:

Revised page 3

DOCUMENT 00880:

Revised pages 3-11

DOCUMENT A00893:

Inserted new document (38 pages)

Take note of the above, substitute revised pages for the originals, insert new document in proper order, and acknowledge Addendum No. 6 in your Expedite Proposal file before submitting your bid.

Sincerely,

Eric M. Cardone, P.E.  
Construction Contracts Engineer

Cc: Lawrence Cash, Project Manager  
EMC/jmr

**ASHLAND**  
**Federal Aid Project Nos. CMQ-003S(390), STP-003S(390) & TAP-003S(390)**  
**Roadway Reconstruction and Related Work along Route 126 (Pond Street)**  
**(604123-111717)**

RESPONSES TO CONTRACTOR'S QUESTIONS

ADDENDUM NO. 6, AUGUST 28, 2020

---

**McCourt Construction email dated August 27, 2020:**

**Question #67:** The Pavement Cores provided in Document A00892 do not provide any information on the thickness of the existing pavement. Please provide the thickness of the existing roadway pavement.

**Response #67:** Refer to the Remarks section of pages A00892-21 through A00892-26. See Document A00893.

**Question #68:** The response to Question #38 indicated that the test pit results for the forty test pits would be provided. These results are not included in the referenced documents. Please provide the test pit records.

**Response #68:** See Document A00893.

- ⑥ ADDENDUM NO. 6, AUGUST 28, 2020
- ⑤ ADDENDUM NO. 5, AUGUST 27, 2020
- ③ ADDENDUM NO. 3, AUGUST 13, 2020

③	DOCUMENT A00891	
	MAST ARM FOUNDATION DESIGN .....	A00891-1 through 72
⑤ ③	DOCUMENT A00892	
	PAVEMENT CORES .....	A00892-1 through 26
⑥	DOCUMENT A00893	
	SUBSURFACE UTILITY EXCAVATION PLANS .....	A00893-1 through 38
	DOCUMENT B00420	
	PROPOSAL .....	B00420-1 through 34
	DOCUMENT B00853	
	SCHEDULE OF PARTICIPATION BY DISADVANTAGED	
	BUSINESS ENTERPRISES (DBEs) .....	B00853-1 through 2
	DOCUMENT B00854	
	DISADVANTAGED BUSINESS ENTERPRISES (DBE) PARTICIPATION	
	LETTER OF INTENT .....	B00854-1 through 2
	DOCUMENT B00855	
	DBE JOINT CHECK ARRANGEMENT APPROVAL FORM .....	B00855-1 through 2
	DOCUMENT B00856	
	JOINT VENTURE AFFIDAVIT .....	B00856-1 through 4

END TABLE OF CONTENTS

THIS PAGE INTENTIONALLY LEFT BLANK

ADDENDUM NO. 6, AUGUST 28, 2020

ADDENDUM NO. 3, AUGUST 14, 2020

General Decision Number: MA20200025 08/28/2020

Superseded General Decision Number: MA20190025

State: Massachusetts

Construction Type: Highway

County: Worcester County in Massachusetts.

## HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts

subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/03/2020
1	02/14/2020
2	08/07/2020

ADDENDUM NO. 6, AUGUST 28, 2020  
 ADDENDUM NO. 3, AUGUST 14, 2020

3

08/28/2020

CARP0336-004 09/01/2019

	Rates	Fringes
CARPENTER (Includes Form Work)...	\$ 41.90	29.00

-----  
ELEC0103-007 03/01/2020

	Rates	Fringes
ELECTRICIAN.....	\$ 53.50	38.00

-----  
ENGI0004-030 06/01/2020

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1.....	\$ 48.73	29.25+A
GROUP 1.....	\$ 49.33	29.75+a
Group 2.....	\$ 48.23	29.25+A
GROUP 2.....	\$ 48.81	29.75+a

## FOOTNOTE FOR POWER EQUIPMENT OPERATORS:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Labor Day, Memorial Day, Independence Day, Patriot's Day, Columbus Day, Veteran's Day, Thanksgiving Day, Christmas Day

## POWER EQUIPMENT OPERATORS CLASSIFICATIONS

Group 1: Backhoe/Excavator/Trackhoe; Bobcat/Skid Steer/Skid Loader; Broom/Sweeper; Gradall; Loader; Paver (Asphalt, Aggregate, and Concrete); Post Driver (Guardrail/Fences)  
 Group 2: Bulldozer; Grader/Blade; Roller

-----  
ENGI0004-031 12/01/2017

	Rates	Fringes
POWER EQUIPMENT OPERATOR: (Milling Machine).....	\$ 29.80	26.66+A

## FOOTNOTE FOR POWER EQUIPMENT OPERATORS:

ADDENDUM NO. 6, AUGUST 28, 2020

ADDENDUM NO. 3, AUGUST 14, 2020

A. PAID HOLIDAYS: New Year's Day, Washington's  
 Birthday,  
 Labor Day, Memorial Day, Independence Day, Patriot's Day,  
 Columbus Day, Veteran's Day, Thanksgiving Day, Christmas  
 Day

-----  
 \* IRON0007-028 03/16/2020

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 47.72	33.43

-----

\* IRON0007-029 03/16/2020

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 48.02	33.43

-----

LABO0039-003 06/01/2018

	Rates	Fringes
LABORER		
Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 33.50	22.92
Common or General.....	\$ 33.25	22.92
Guardrail Installation.....	\$ 33.50	22.92

-----

PAIN0035-023 07/01/2019

	Rates	Fringes
PAINTER (Steel).....	\$ 50.66	30.90

-----

SUMA2014-015 01/11/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 56.70	21.08
IRONWORKER, REINFORCING.....	\$ 56.48	20.62
LABORER: Concrete Saw (Hand		

	ADDENDUM NO. 6, AUGUST 28, 2020	
	ADDENDUM NO. 3, AUGUST 14, 2020	
Held/Walk Behind).....	\$ 41.78	18.37
LABORER: Landscape.....	\$ 40.39	17.68
OPERATOR: Crane.....	\$ 52.14	21.08
OPERATOR: Forklift.....	\$ 64.67	0.00
OPERATOR: Mechanic.....	\$ 48.14	17.02
OPERATOR: Piledriver.....	\$ 44.46	16.94
PAINTER: Spray (Linestriping)....	\$ 48.00	0.00
PILEDRIVERMAN.....	\$ 45.65	23.33
TRAFFIC CONTROL: Flagger.....	\$ 23.00	20.44
TRAFFIC CONTROL: Laborer-Cones/ Barricades/Barrels - Setter/Mover/Sweeper.....	\$ 44.49	12.41
TRUCK DRIVER: Concrete Truck....	\$ 33.69	15.79
TRUCK DRIVER: Dump Truck.....	\$ 30.38	7.20
TRUCK DRIVER: Flatbed Truck....	\$ 48.53	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year.



ADDENDUM NO. 6, AUGUST 28, 2020

ADDENDUM NO. 3, AUGUST 14, 2020

Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

-----  
-----

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate

(weighted union average rate).

### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination.

ADDENDUM NO. 6, AUGUST 28, 2020

ADDENDUM NO. 3, AUGUST 14, 2020

5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

-----

#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour

Regional Office for the area in which the survey was conducted because those Regional Offices have

ADDENDUM NO. 6, AUGUST 28, 2020

ADDENDUM NO. 3, AUGUST 14, 2020

responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator

(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION"

THIS PAGE INTENTIONALLY LEFT BLANK

# **SUBSURFACE UTILITY EXCAVATION PLANS**

THIS PAGE INTENTIONALLY LEFT BLANK



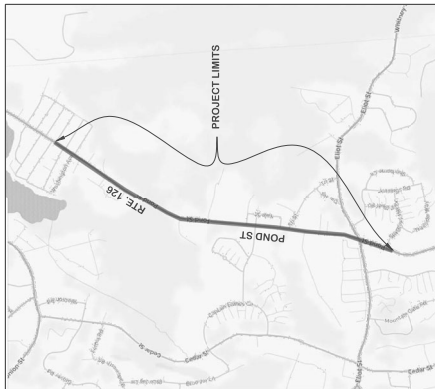
ASHLAND, MA				
ROUTE 125 (POND STREET)				
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
MA	-	1	18	
PROJECT FILE NO.		604123		
SUE PLAN				

# SUBSURFACE UTILITY ENGINEERING PLAN

## MASSDOT POND ST, RTE 126

### ASHLAND, MA

PREPARED FOR  
GREEN INTERNATIONAL AFFILIATES, INC.  
239 LITTLETON ROAD, SUITE 3  
WESTFORD, MA 01886



LOCUS PLAN  
NOT TO SCALE

OVERLAND ENGINEERING, LLC  
100 HALLET ST, BOSTON, MA 02124  
617 265 4547

August 26, 2019

INDEX OF SHEETS	SHEET NO.
COVER - C1	1
LEGEND & NOTES - L1	2
TEST HOLE DATA TABLE	3
SUE SHEET No. 1	4
SUE SHEET No. 2	5
SUE SHEET No. 3	6
SUE SHEET No. 4	7
SUE SHEET No. 5	8
SUE SHEET No. 6	9
SUE SHEET No. 7	10
SUE SHEET No. 8	11
SUE SHEET No. 9	12
SUE SHEET No. 10	13
SUE SHEET No. 11	14
SUE SHEET No. 12	15
SUE SHEET No. 13	16
SUE SHEET No. 14	17
SUE SHEET No. 15	18



ASHLAND, MA  
ROUTE 125 (POND STREET)

STATE  
MA

REG. APPROVAL  
-

BRIEF TOTAL  
NO. SHEETS  
3 18

PROJECT FILE NO.  
604023

SUE PLAN

TEST HOLE DATA TABLE

TEST HOLE NO.	ROADWAY	EASTING	NORTING	UTILITY TYPE	UTILITY OWNER	UTILITY CONDITION	SIZE (in.)	OBSERVED MATERIAL TYPE	DEPTH TO TOP ELEV. OF SURF. ELEV. (ft)	1.5 FOOT WIDE CONDUIT RUN ELEVATION MEASURED FROM TOP OF WOOD STAKE	MISC. NOTES
1	POND ST - RTE 126	674332.38	674332.38	TELECOM	VERIZON	NOD	36" - 4.0	PVC	250.82	253.82	
2	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	4.0	PVC	250.82	253.82	
3	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
4	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
5	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
6	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
7	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
8	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
9	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
10	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
11	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
12	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
13	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
14	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
15	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
16	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
17	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
18	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
19	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
20	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
21	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
22	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
23	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
24	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
25	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
26	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
27	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
28	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
29	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
30	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
31	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
32	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
33	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
34	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
35	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
36	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
37	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
38	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
39	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
40	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
41	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
42	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
43	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
44	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
45	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
46	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
47	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
48	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
49	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	
50	POND ST - RTE 126	674353.00	674353.00	TELECOM	VERIZON	NOD	36" - 4.0	PVC	244.33	247.83	

NOD = NO OBSERVED DEFICIENCIES

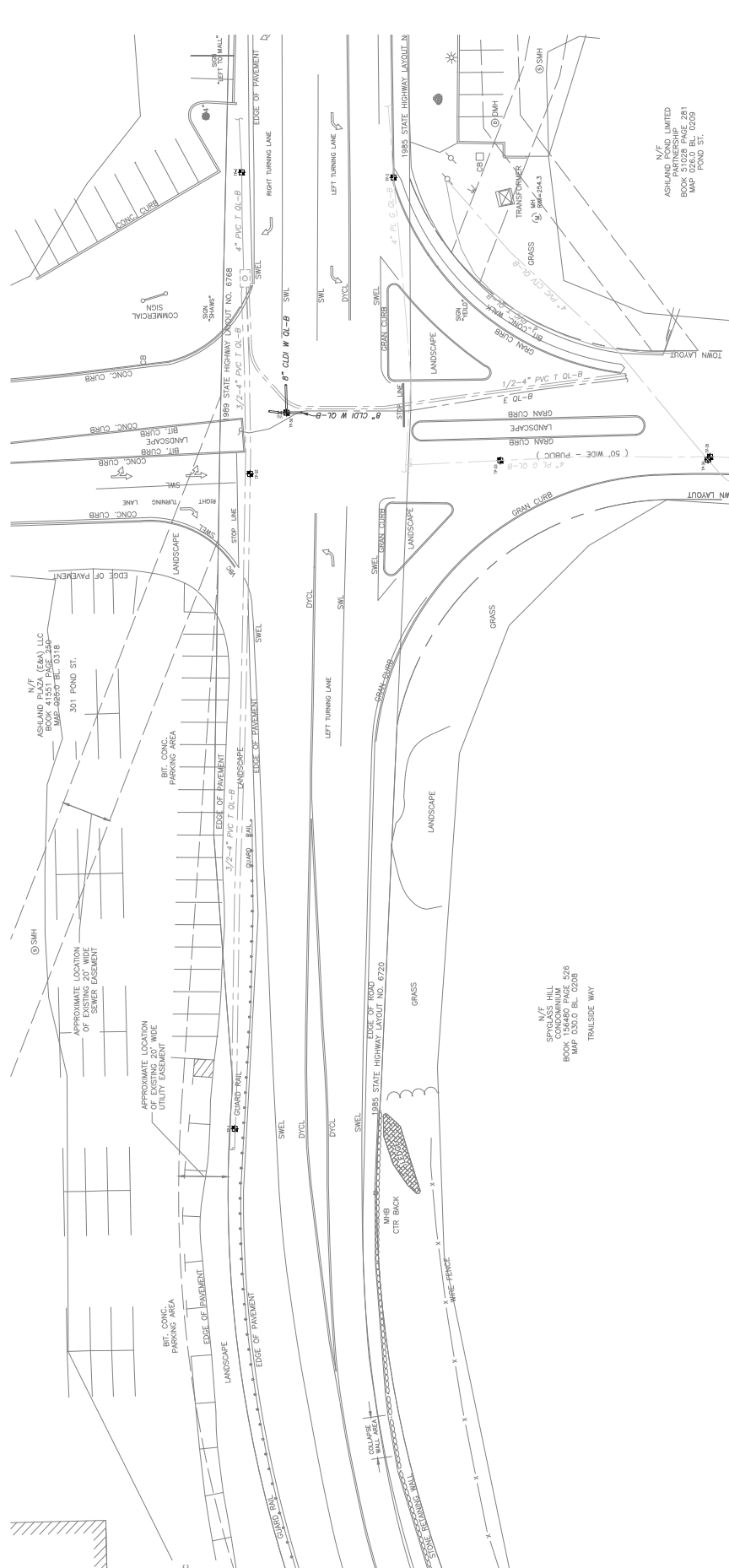
610007U101.DWG Picked on 30-Aug-2019 11:23 AM

ASHLAND, MA

ROUTE 125 (POND STREET)

STATE	FEEL APPROVAL NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	18
PROJECT FILE NO.		604123	

SUE PLAN (SHEET 1)



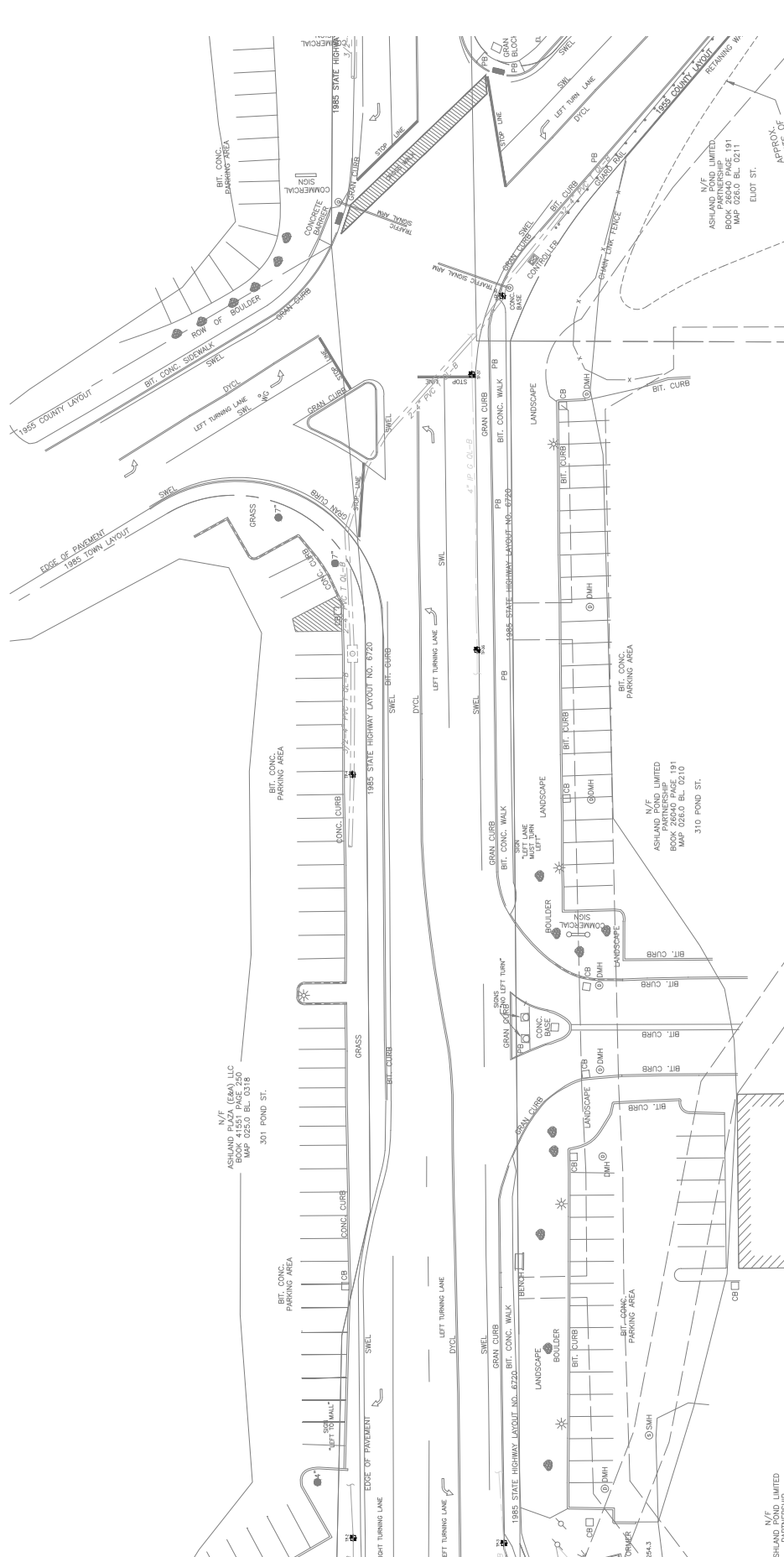
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	18
PROJECT FILE NO.			604123

ASHLAND, MA

ASHLAND, MA  
SUITE 125 (POND STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	18
PROJECT FILE NO.			604123

SUE PLAN (SHEET 2)



SCALE: 1" = 20'

6100UTL01.DWG Plotted on 30-Aug-2019 11:25 AM





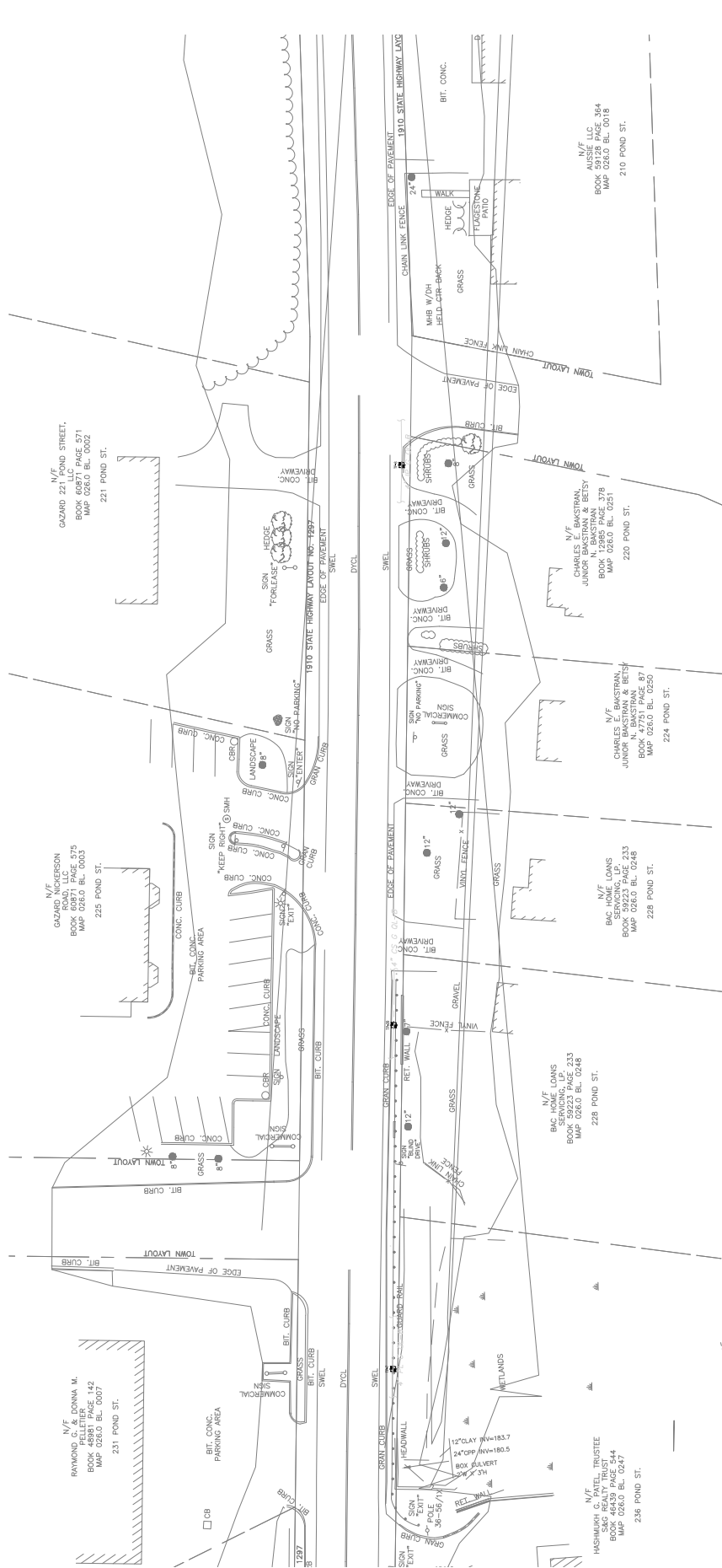
6/10/2017 11:25 AM DWG: 604123-111717

ASHLAND, MA

ROUTE 125 (POND STREET)

STATE	DESIGNER	PROJECT NO.	SHEET NO.	TOTAL SHEETS
MA	ASHLAND, MA	604123	8	18

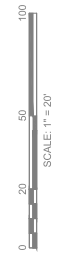
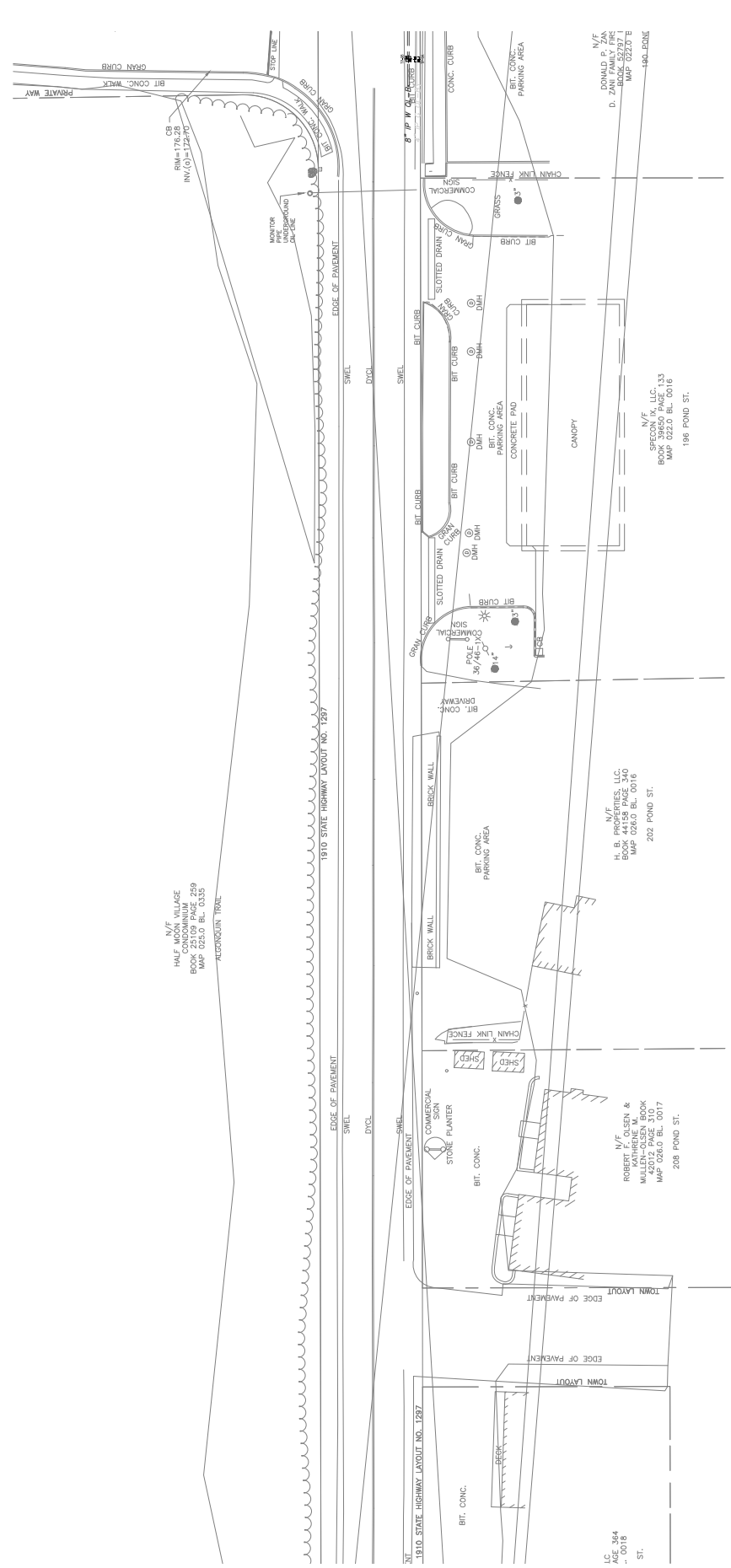
SUE PLAN (SHEET 5)

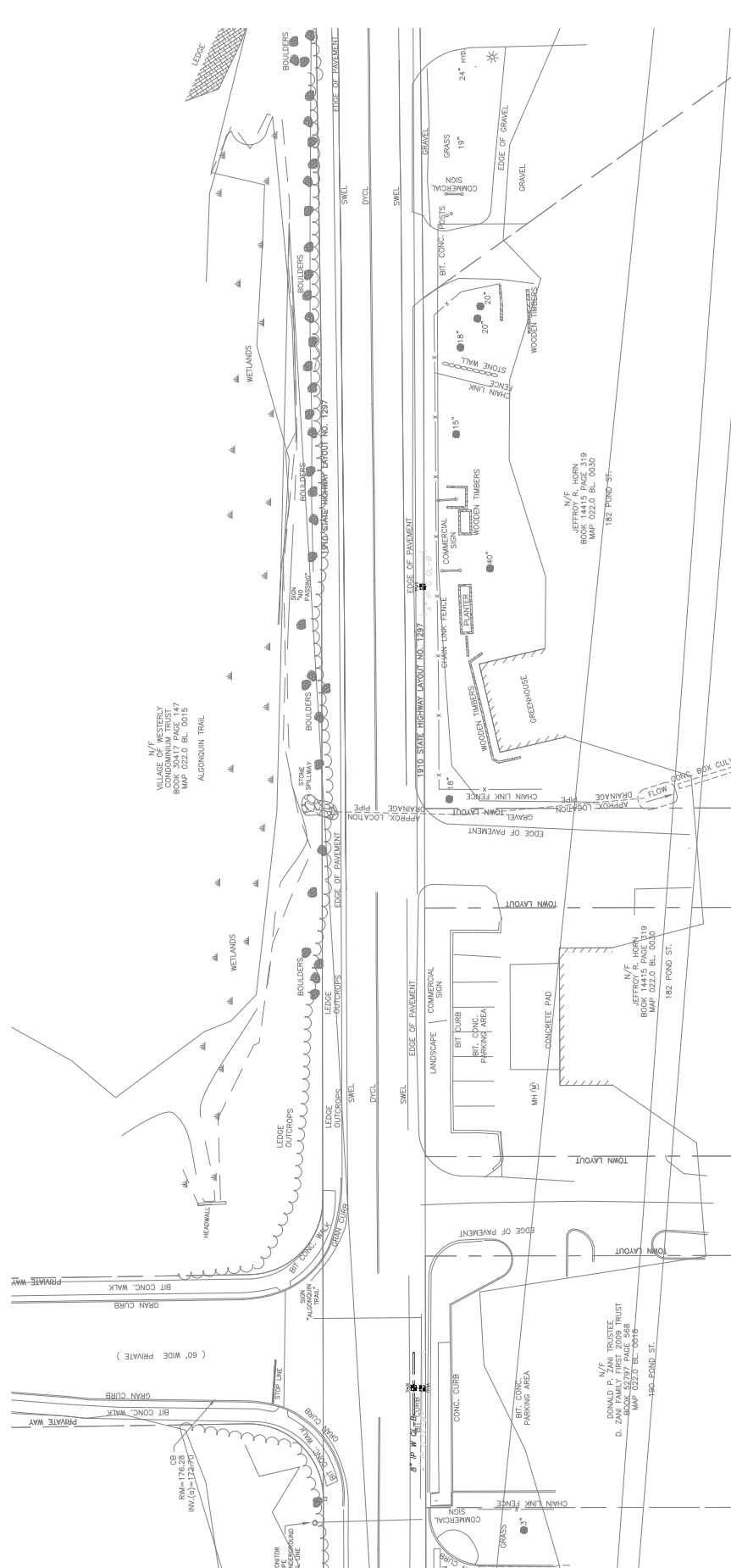




610007101.DWG DWG Printed on 35-Aug-2019 11:25 AM

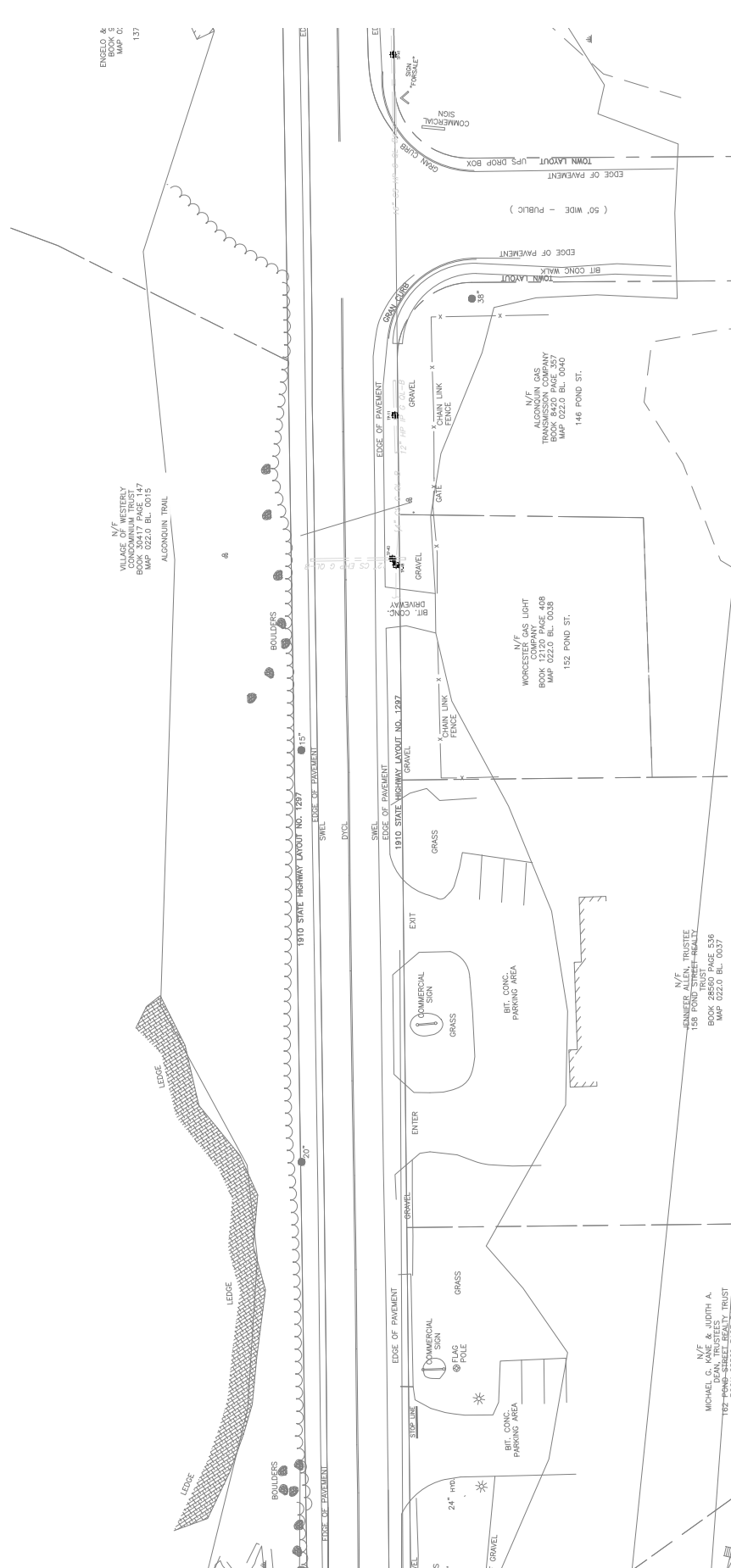
ASHLAND, MA			
ROUTE 125 (POND STREET)			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	18
PROJECT FILE NO.		604123	
SUE PLAN (SHEET 6)			

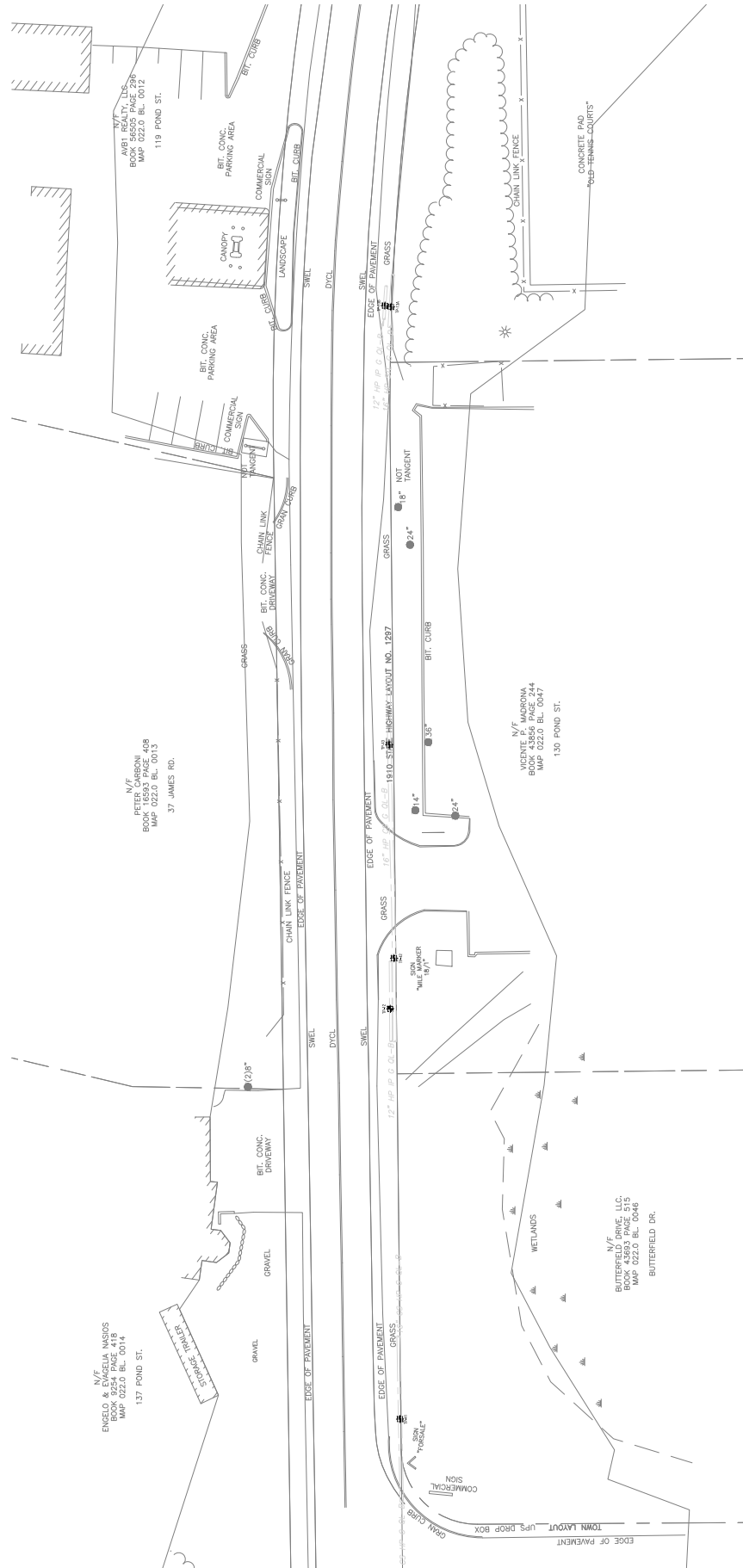


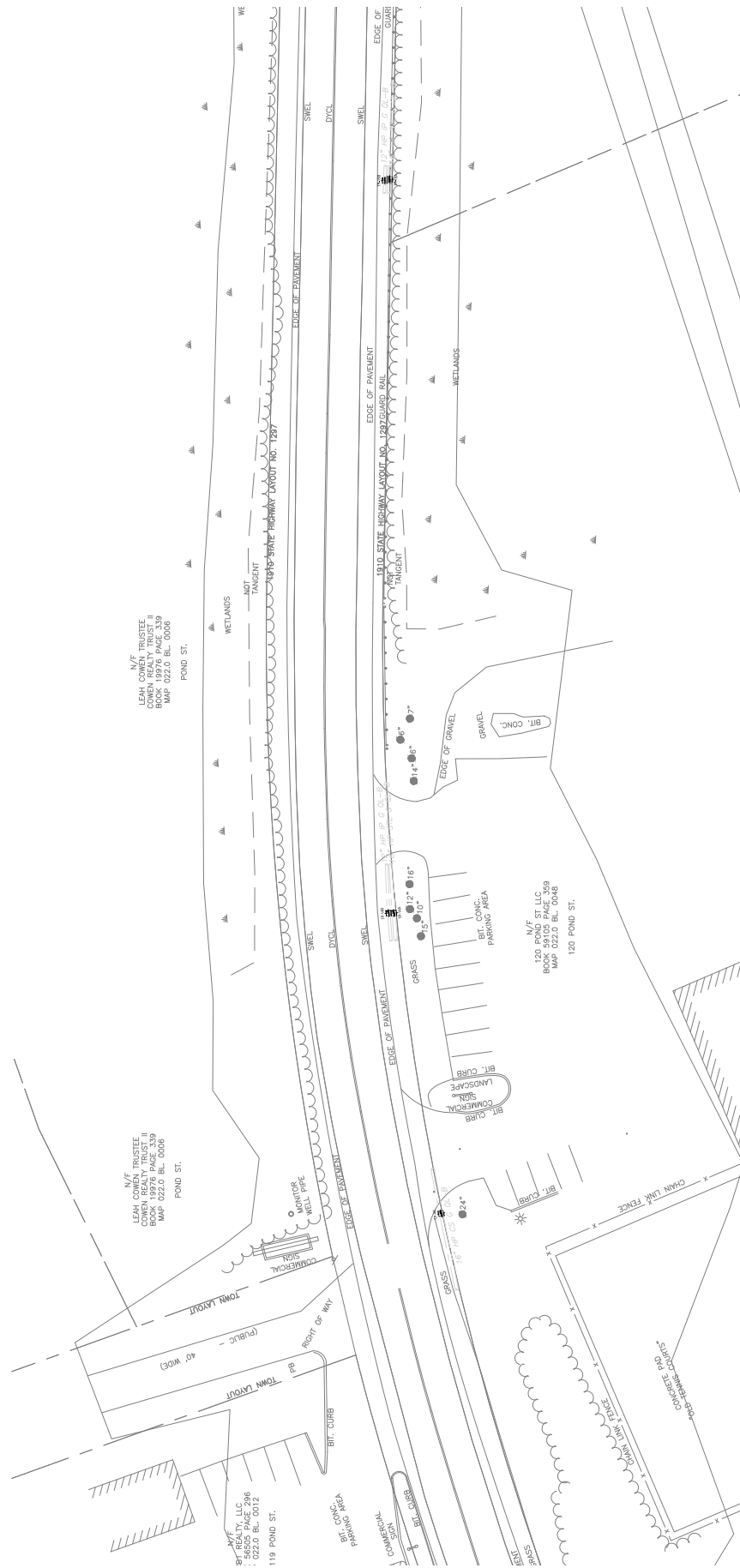


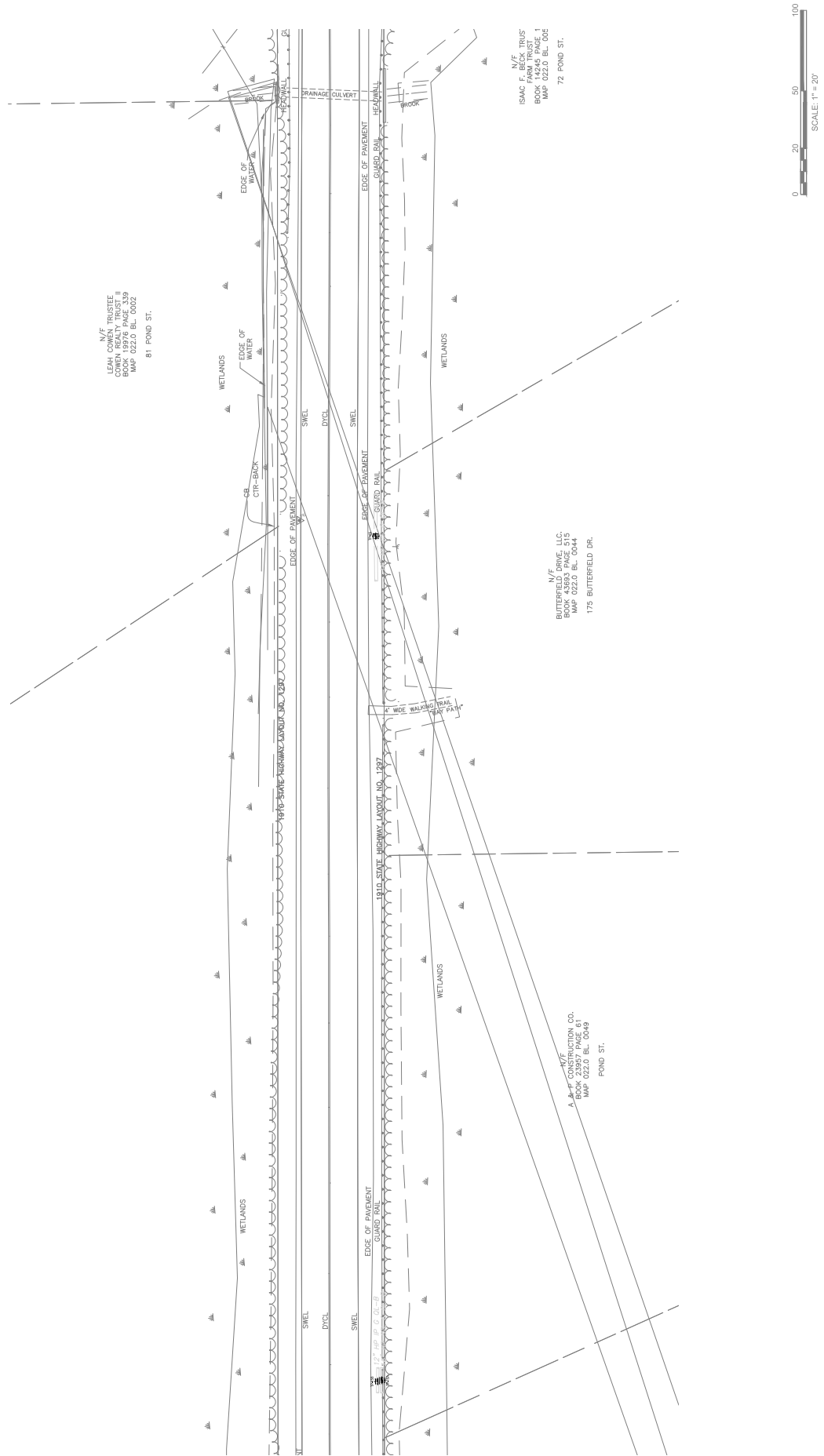
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	18
PROJECT FILE NO.			604123

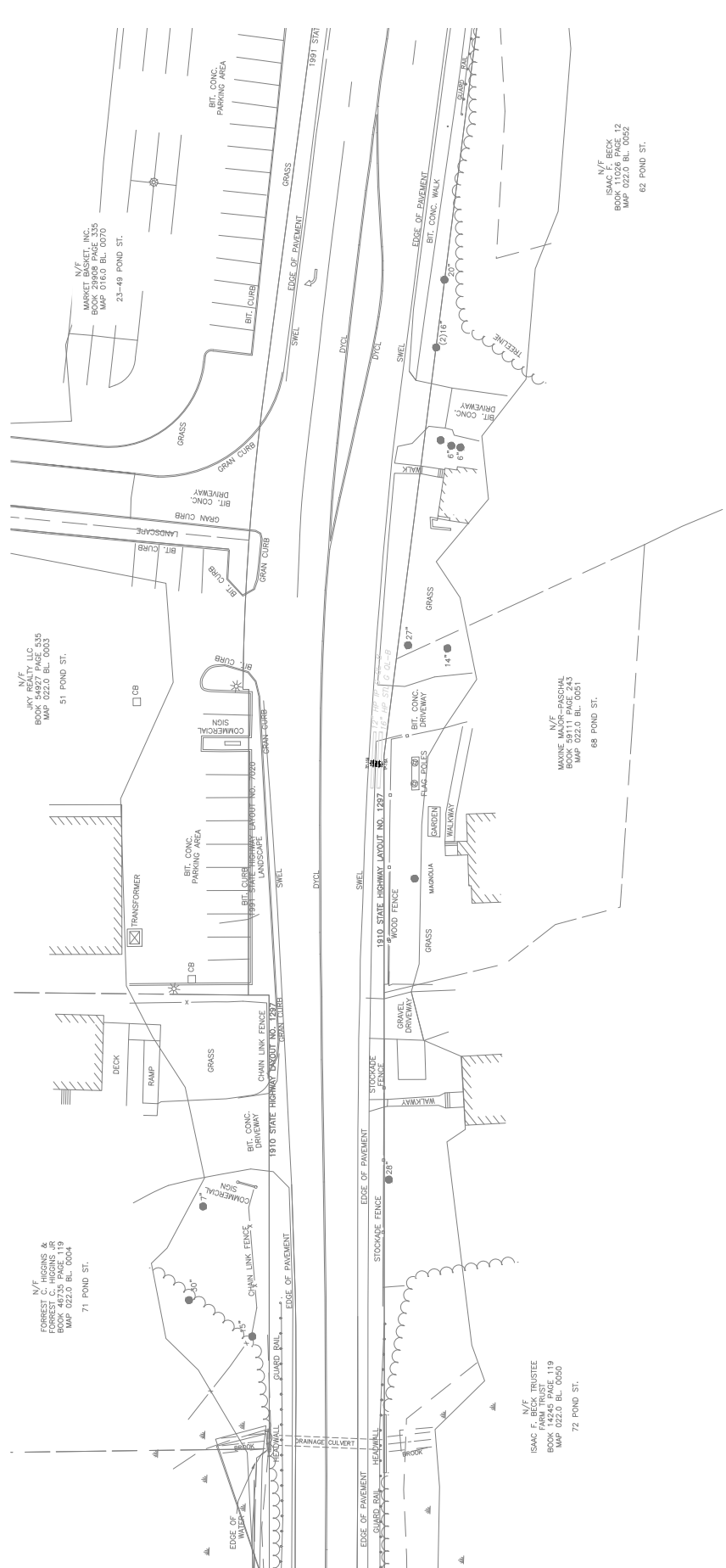
SUE PLAN (SHEET 8)





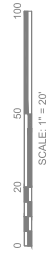
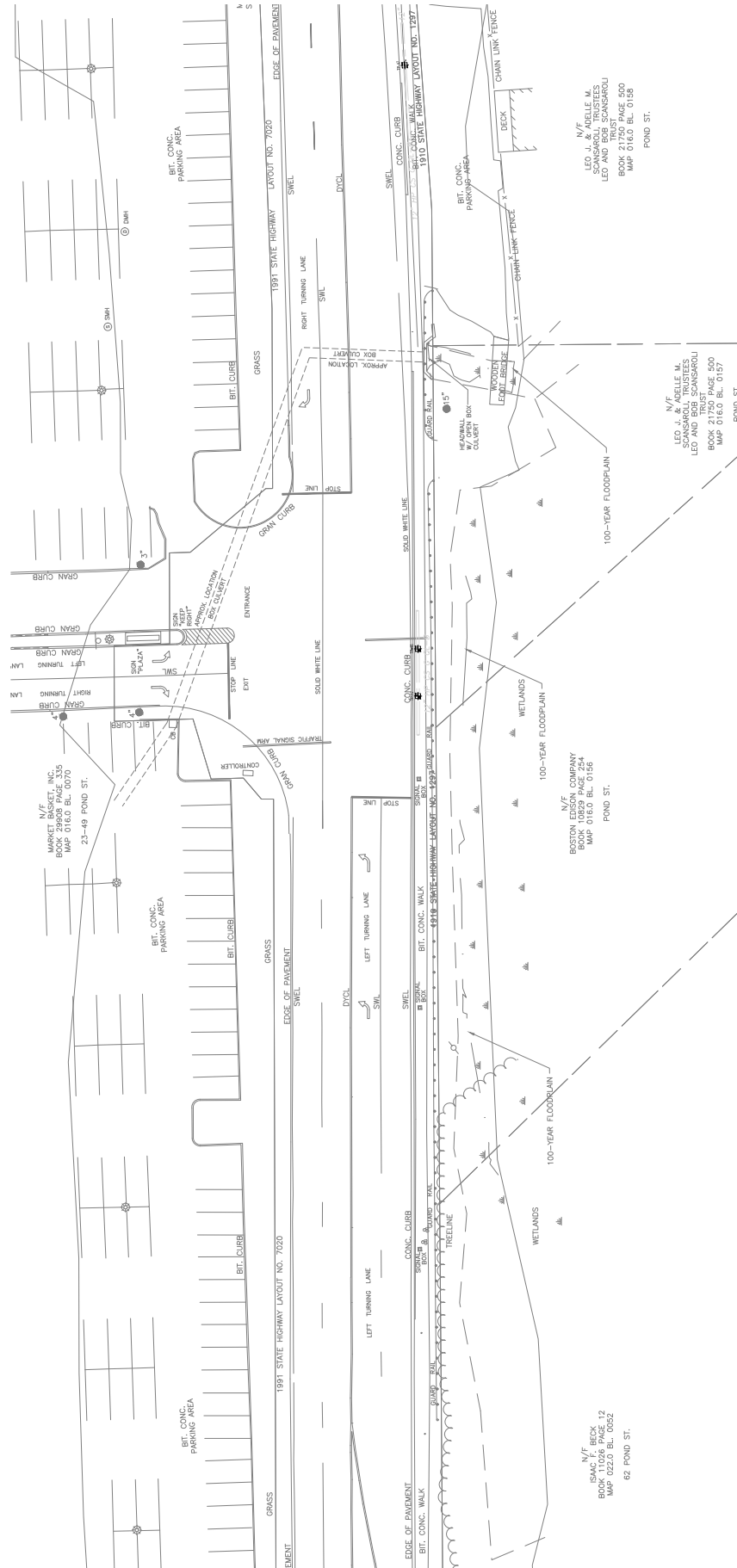






STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	16	18
PROJECT FILE NO.			604123

SUE PLAN (SHEET 13)

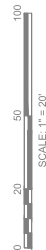
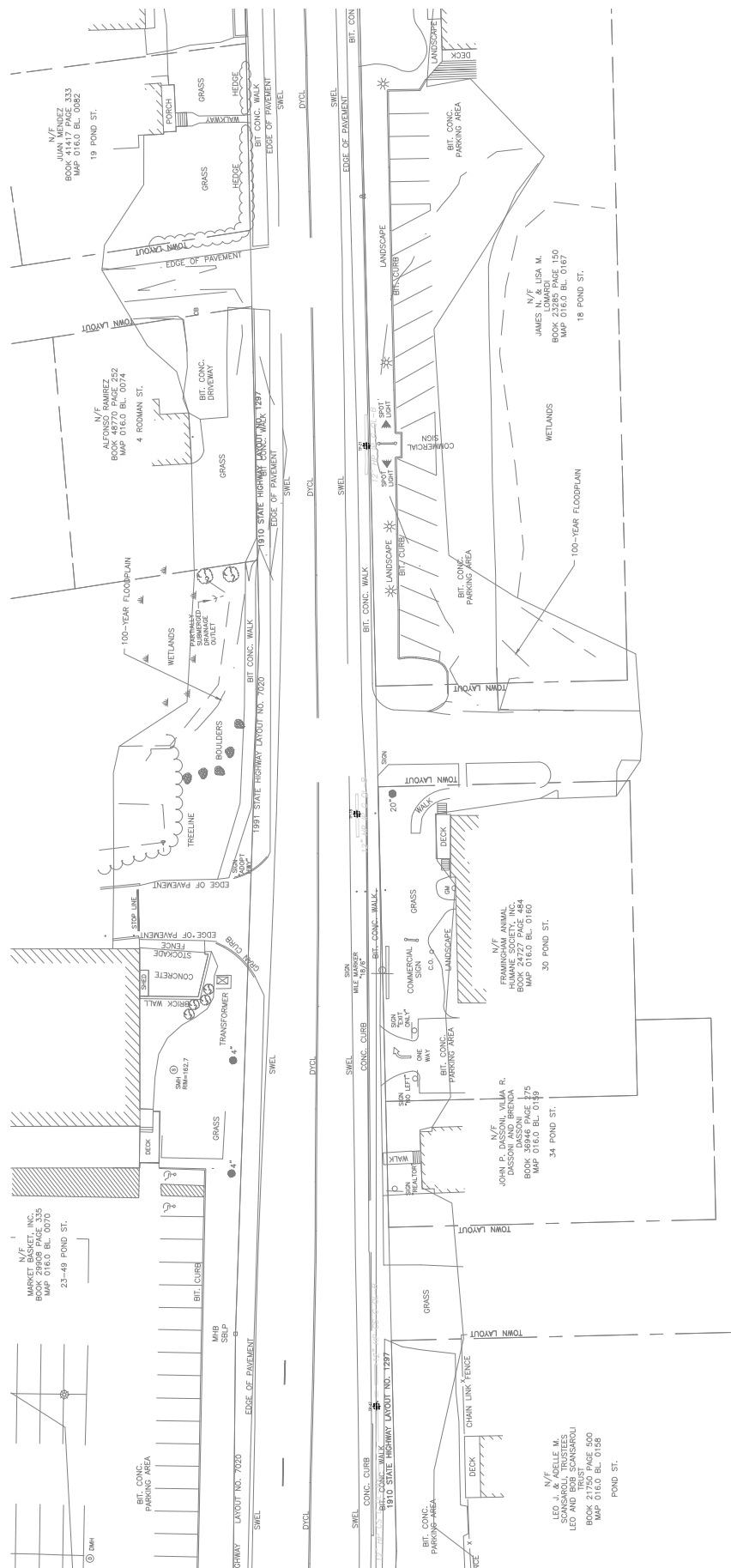




ASHLAND, MA  
ROUTE 125 (POND STREET)

STATE	REG. APPROVALS	SHEET NO.	TOTAL SHEETS
MA	-	17	18
PROJECT FILE NO.		604123	

SUE PLAN (SHEET 14)

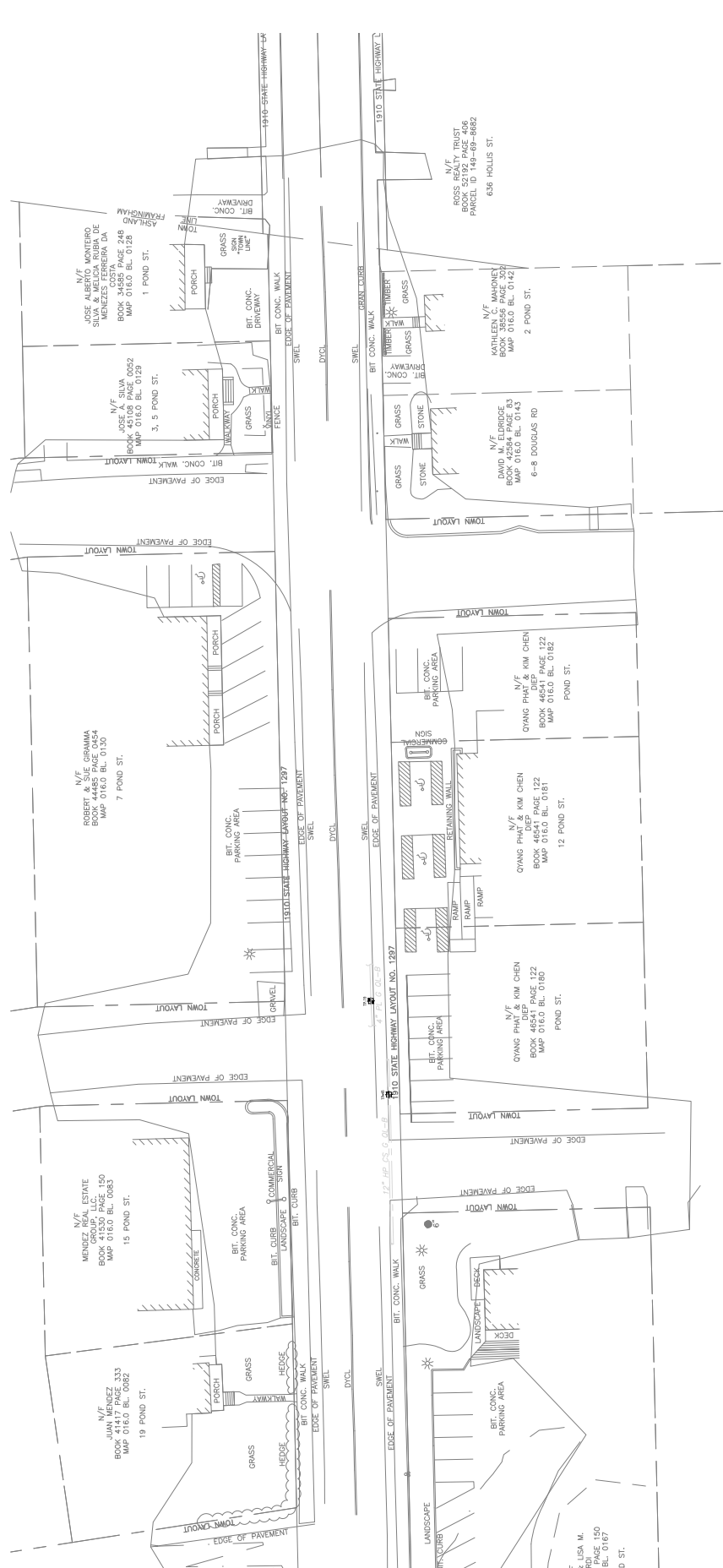


## ASHLAND, MA

ROUTE 125 (POND STREET)

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	18	18
PROJECT FILE NO.			604123

SUE PLAN (SHEET 15)



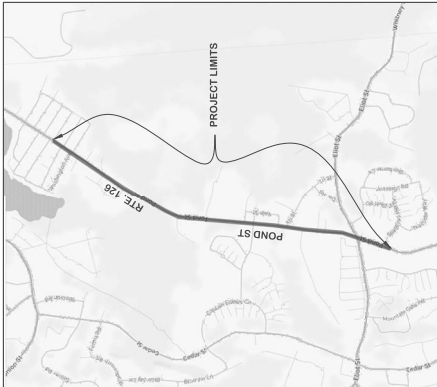
ASHLAND, MA				
ROUTE 125 (POND STREET)				
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
MA	-	1	18	
PROJECT FILE NO.			604123	
SUE PLAN				

# SUBSURFACE UTILITY ENGINEERING PLAN

## MASSDOT POND ST, RTE 126

### ASHLAND, MA

PREPARED FOR  
GREEN INTERNATIONAL AFFILIATES, INC.  
239 LITTLETON ROAD, SUITE 3  
WESTFORD, MA 01886



LOCUS PLAN  
NOT TO SCALE

BSI ENGINEERING, INC.  
100 HALLET ST, BOSTON, MA 02124  
617 265 4200

June 12, 2017

INDEX OF SHEETS	SHEET NO.
COVER - C1	1
LEGEND & NOTES - L1	2
TEST HOLE DATA TABLE	3
SUE SHEET No. 1	4
SUE SHEET No. 2	5
SUE SHEET No. 3	6
SUE SHEET No. 4	7
SUE SHEET No. 5	8
SUE SHEET No. 6	9
SUE SHEET No. 7	10
SUE SHEET No. 8	11
SUE SHEET No. 9	12
SUE SHEET No. 10	13
SUE SHEET No. 11	14
SUE SHEET No. 12	15
SUE SHEET No. 13	16
SUE SHEET No. 14	17
SUE SHEET No. 15	18



ASHLAND, MA  
ROUTE 125 (POND STREET)

STATE	REG. APPROVALS	SHEET NO.	TOTAL
MA	-	3	18
PROJECT FILE NO.		604123	

SUE PLAN

TEST HOLE DATA TABLE

TEST HOLE NO.	ROADWAY	NORTING	EASTING	UTILITY TYPE	UTILITY OWNER	UTILITY CONDITION	SIZE (in.)	OBSERVED MATERIAL TYPE	DEPTH TO TOP ELEV. OF BURF. ELEV. (ft)	1.5 FOOT WIDE CONDUIT RIM ELEVATION MEASURED FROM TOP OF WOOD STAKE	MSC. NOTES
2	POND ST - RTE 126	2012320.38	674433.67	TELECOM	VERIZON	NOD	36 x 4.0	PVC	250.53	253.82	
3	POND ST - RTE 126	2012854.52	674563.00	TELECOM	VERIZON	NOD	4.0	PVC	250.92	253.82	
4	POND ST - RTE 126	2012877.79	674664.24	TELE	NATIONAL GRID	NOD	36 x 4.0	PVC	244.33	247.53	
5	POND ST - RTE 126	2013488.68	674867.77	GAS	NATIONAL GRID	NOD	4.0	PLASTIC	222.85	226.95	
6	POND ST - RTE 126	2014252.52	674944.23	GAS	NATIONAL GRID	NOD	4.0	PLASTIC	185.38	188.59	
7	POND ST - RTE 126	2014658.40	674991.76	GAS	NATIONAL GRID	NOD	4.0	IRON PIPE	182.88	186.38	
8A	POND ST - RTE 126	2015273.85	675058.52	WATER	TOWN OF ASHLAND	NOD	6.0	IRON PIPE	171.13	178.83	
10	POND ST - RTE 126	2015564.06	675101.35	GAS	NATIONAL GRID	NOD	4.0	IRON PIPE	170.87	174.87	
12	POND ST - RTE 126	2016018.51	675113.43	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	167.82	171.82	
13A	POND ST - RTE 126	2016918.51	675113.43	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	166.50	169.50	
14A	POND ST - RTE 126	2017101.18	675268.55	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	STEEL	162.95	166.95	
14B	POND ST - RTE 126	2017101.18	675268.55	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	162.95	166.95	
15A	POND ST - RTE 126	2017101.11	675268.73	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	162.95	166.95	
16A	POND ST - RTE 126	2018174.99	674202.37	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	154.73	158.73	
17	POND ST - RTE 126	2018174.99	674202.37	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	154.73	158.73	
18	POND ST - RTE 126	2018174.99	674202.37	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	154.73	158.73	
19	POND ST - RTE 126	2018174.99	674202.37	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	154.73	158.73	
20	POND ST - RTE 126	2013141.50	674765.52	TELECOM	VERIZON	NOD	21 x 4.0	PVC	240.43	243.73	1.0 FOOT WIDE CONDUIT RIM
21	POND ST - RTE 126	2018158.80	675058.88	GAS	ALCONQUIN GAS TRANSMISSION	NOD	12.0	IRON PIPE	154.73	158.43	

NOD = NO OBSERVED DEFICIENCIES

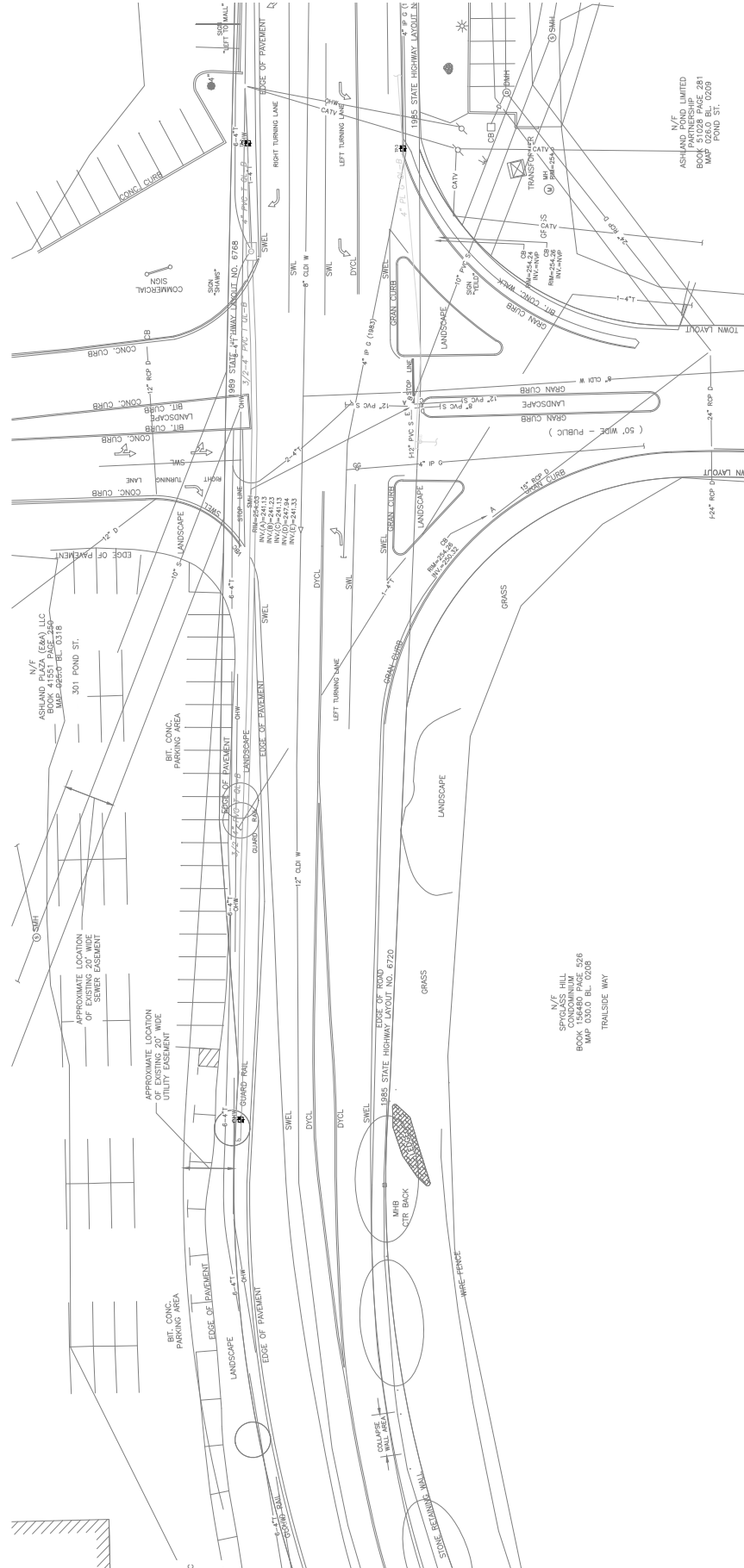
610007101.DWG P:\dwg\on 12-16-2017 3:20 PM

ASHLAND, MA

ROUTE 125 (POND STREET)

STATE	DESIGNER'S NO.	SHEET NO.	TOTAL SHEETS
MA	-	4	18
PROJECT FILE NO.		604123	

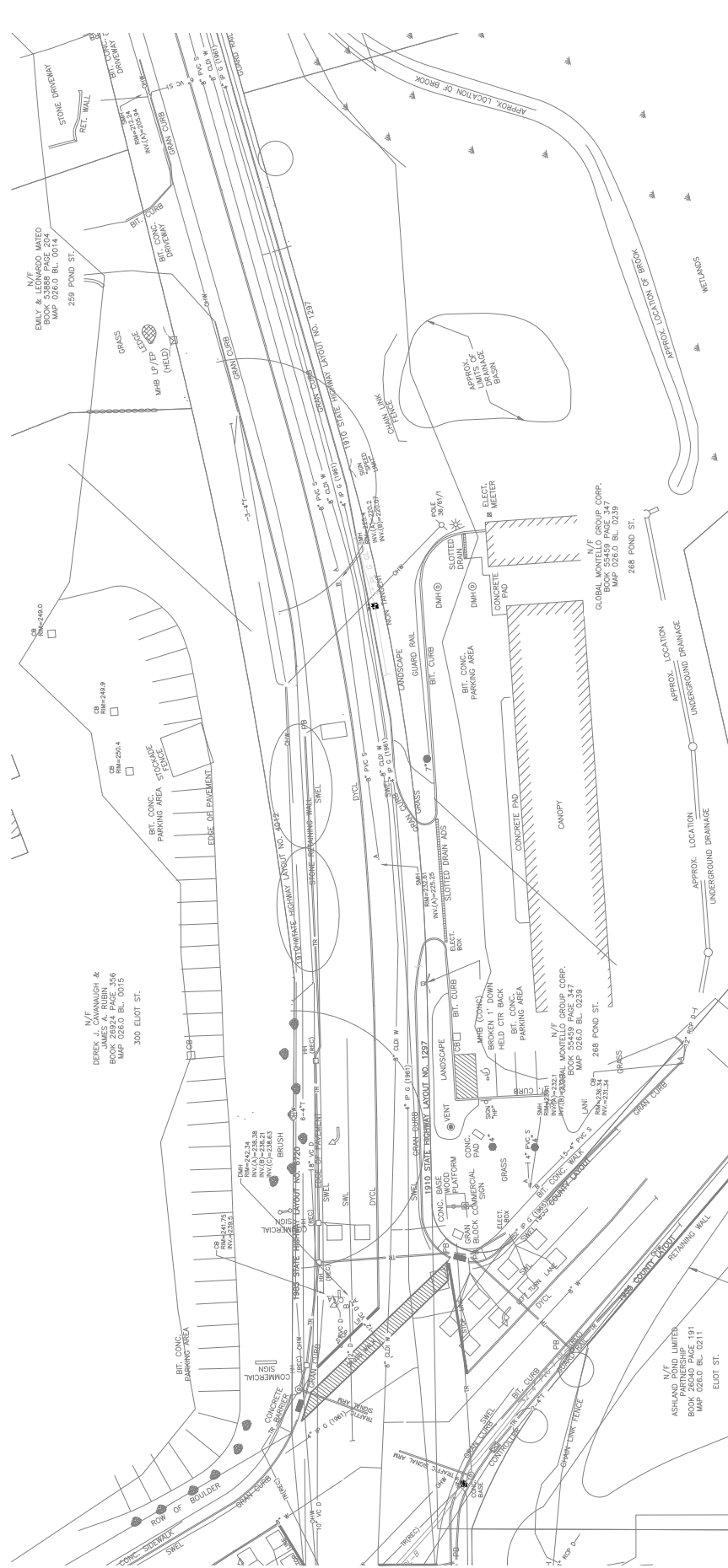
SUE PLAN (SHEET 1)



ASHLAND, MA

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	6	18
PROJECT FILE NO.			604123

SUE PLAN (SHEET 3)



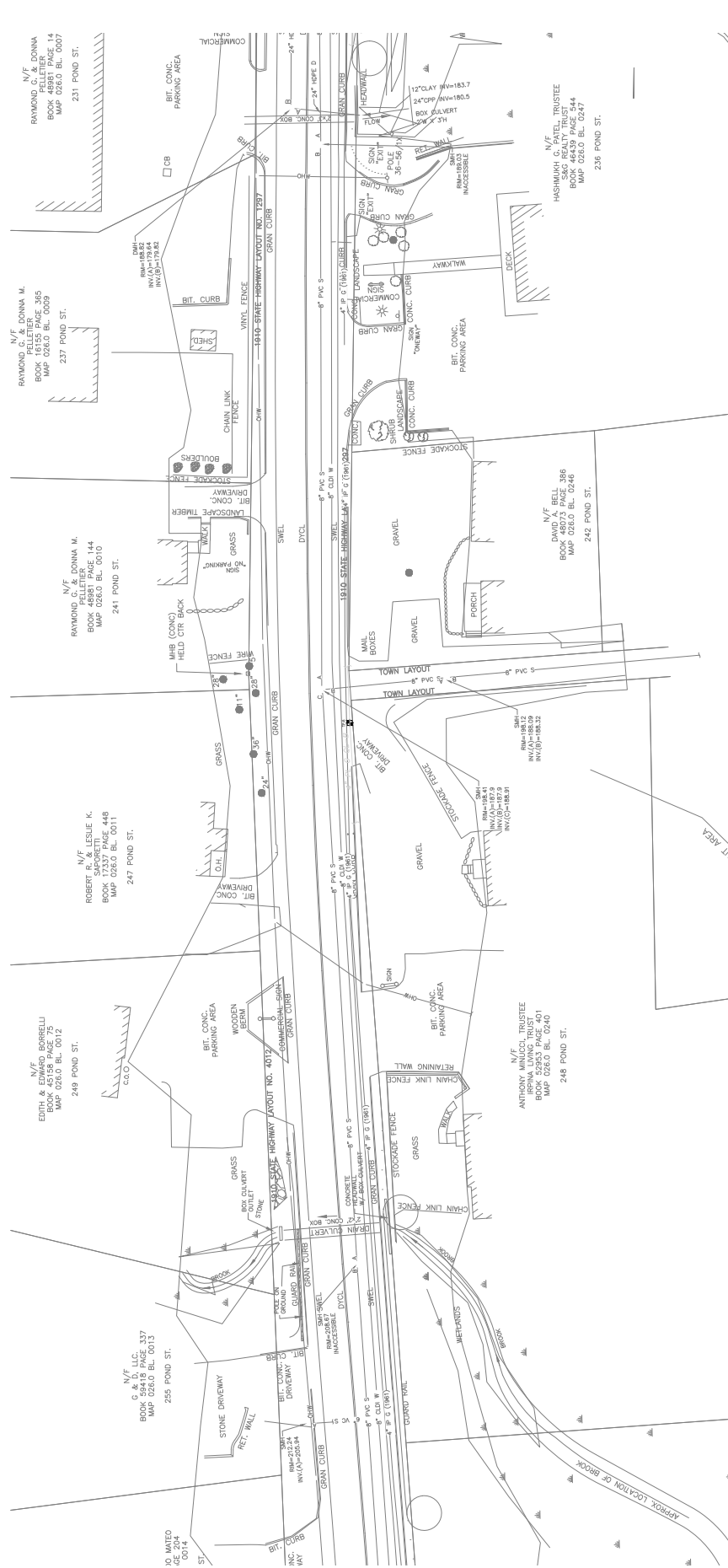


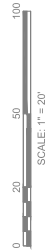
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	7	18
PROJECT FILE NO.			604123

**SUE PLAN (SHEET 4)**

ASHLAND, MA

ASHLAND, MA	SHEET NO.	7
ROUTE 125 (POND STREET)	FED. AID PROJ. NO.	-
PROJECT FILE NO.		60412
SUE PLAN (SHEET 4)		



ASHLAND, MA

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	18
PROJECT FILE NO.			604123

SUE PLAN (SHEET 6)

ASHLAND, MA

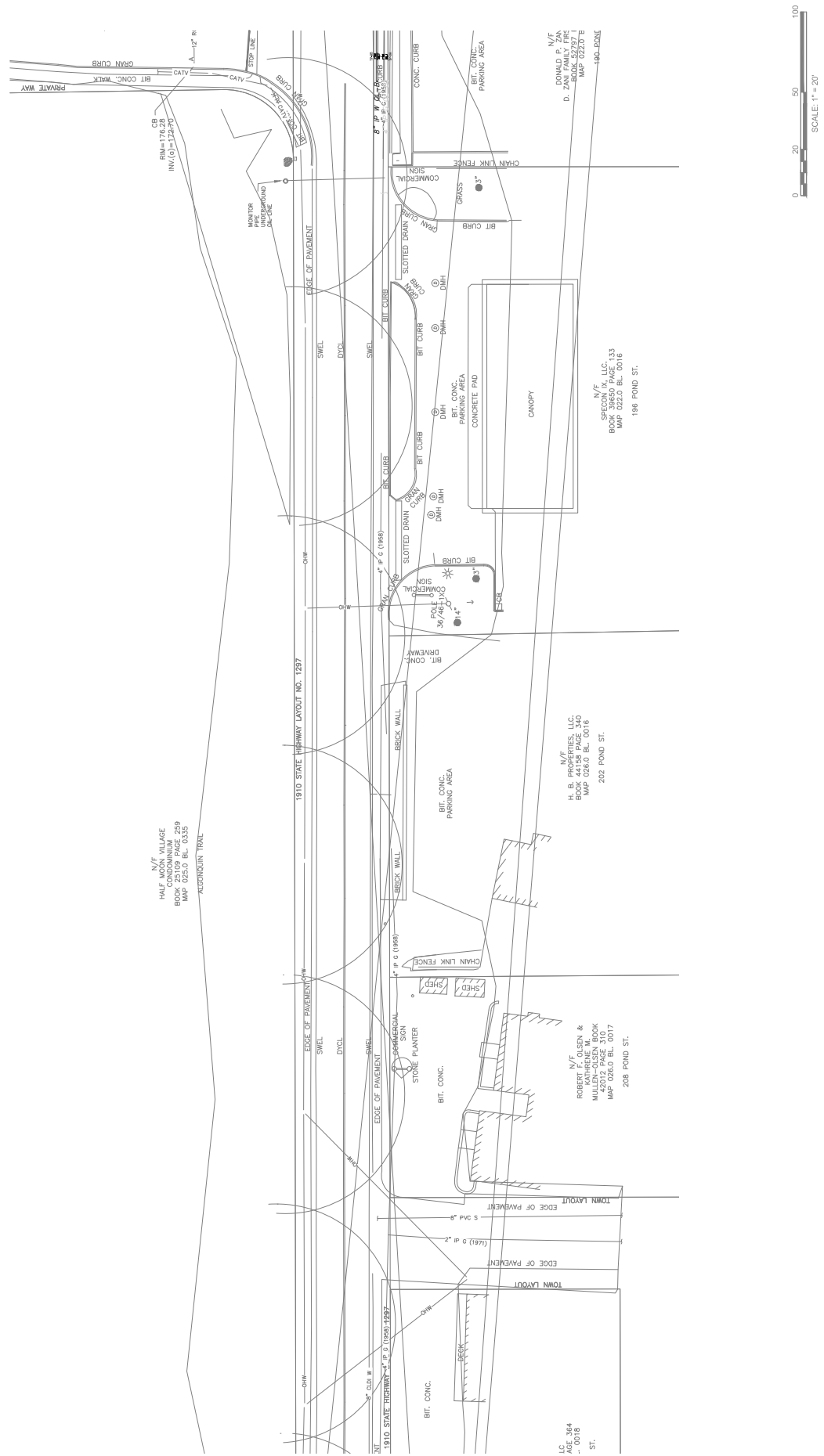
ROUTE 125 (POND STREET)

DATE	ISSD AND DISC NO	SHEET	TOTAL
------	------------------	-------	-------

FILE NO.	FILED, FIRST LOG, NO.	NO.	SHEET
10		6	1

PROJECT FILE NO.	604123
------------------	--------

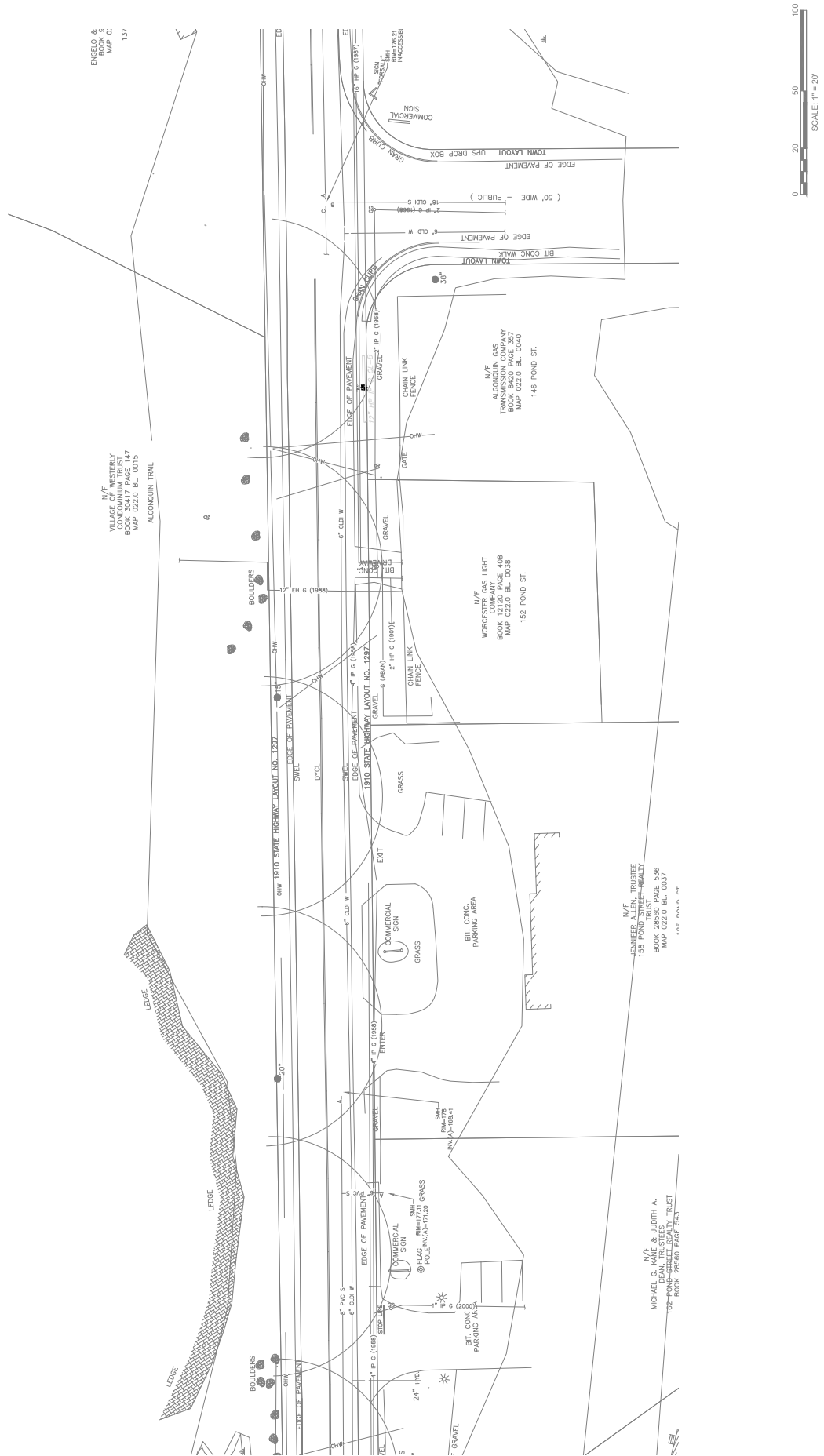
SUE PLAN (SHEET 6)





610007101.DWG P:\dwg\on 12-16-2017 3:20 PM

ASHLAND, MA			
ROUTE 125 (POND STREET)			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	18
PROJECT FILE NO.		604123	
SUE PLAN (SHEET 8)			

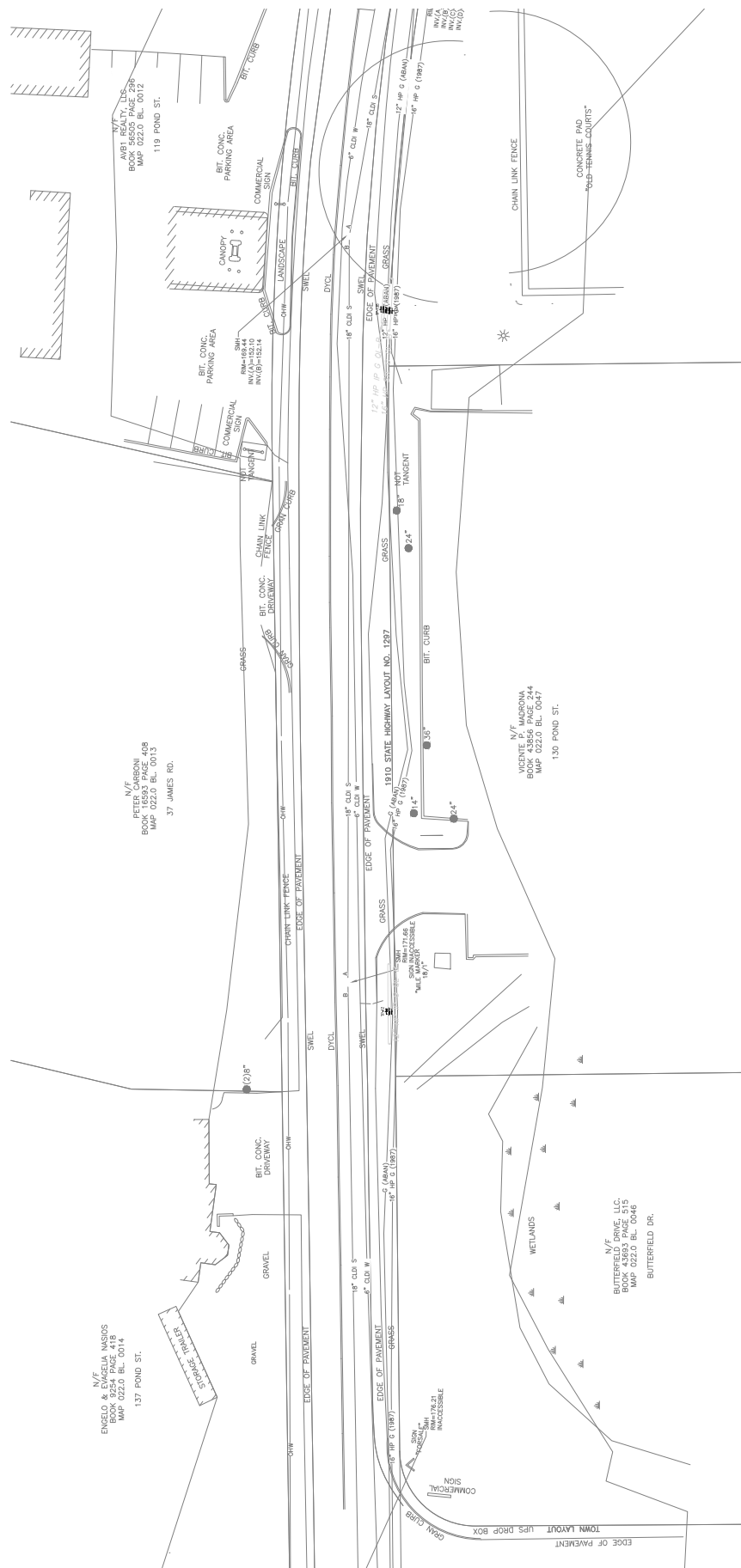


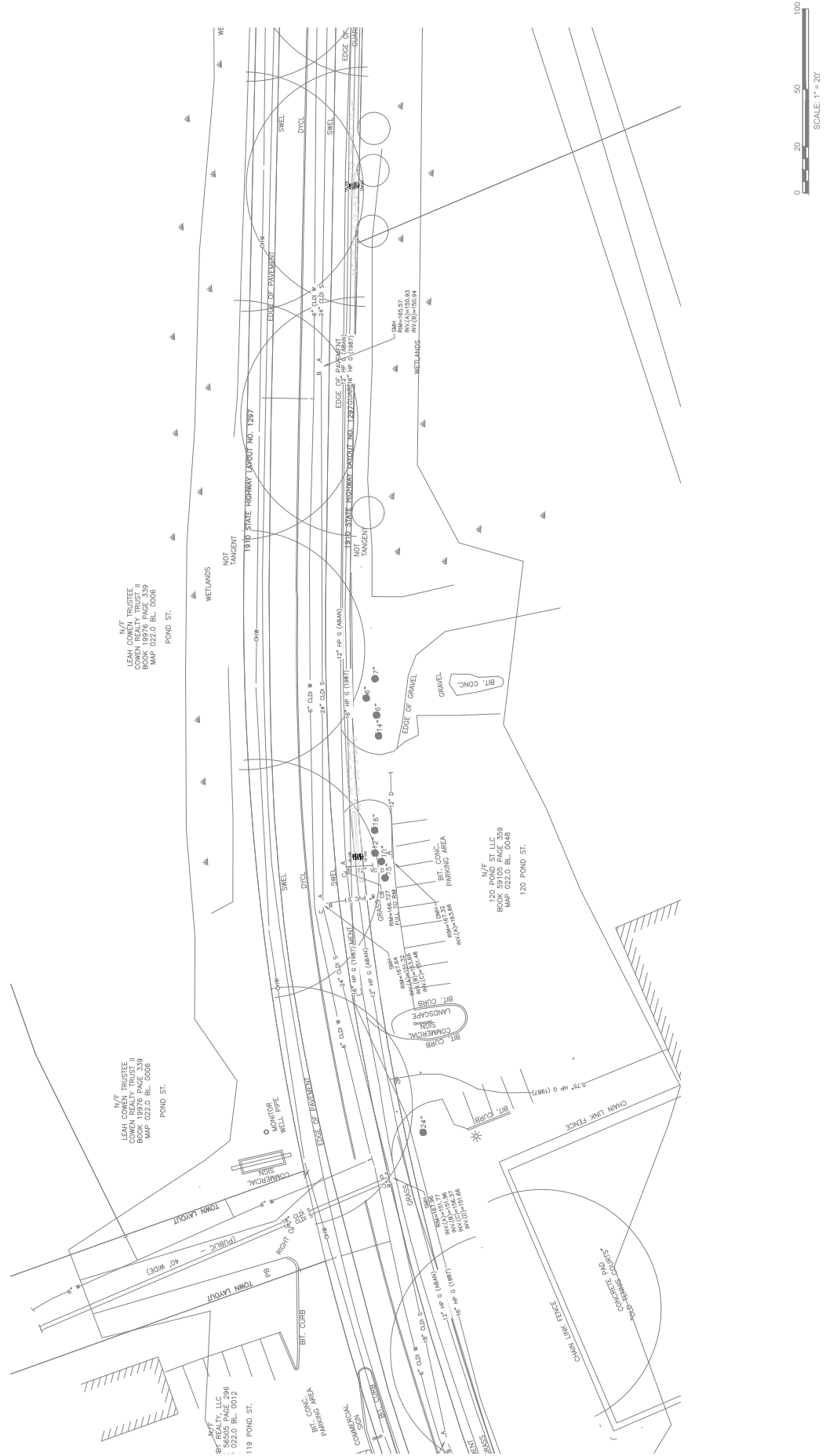
610007101.DWG P:\DWG\13-10-2017 3:20 PM

ASHLAND, MA

ROUTE 125 (POND STREET)		
DATE	REVISIONS	SHEET TOTAL
MA	-	12 18
PROJECT FILE NO.		604123

SUE PLAN (SHEET 9)





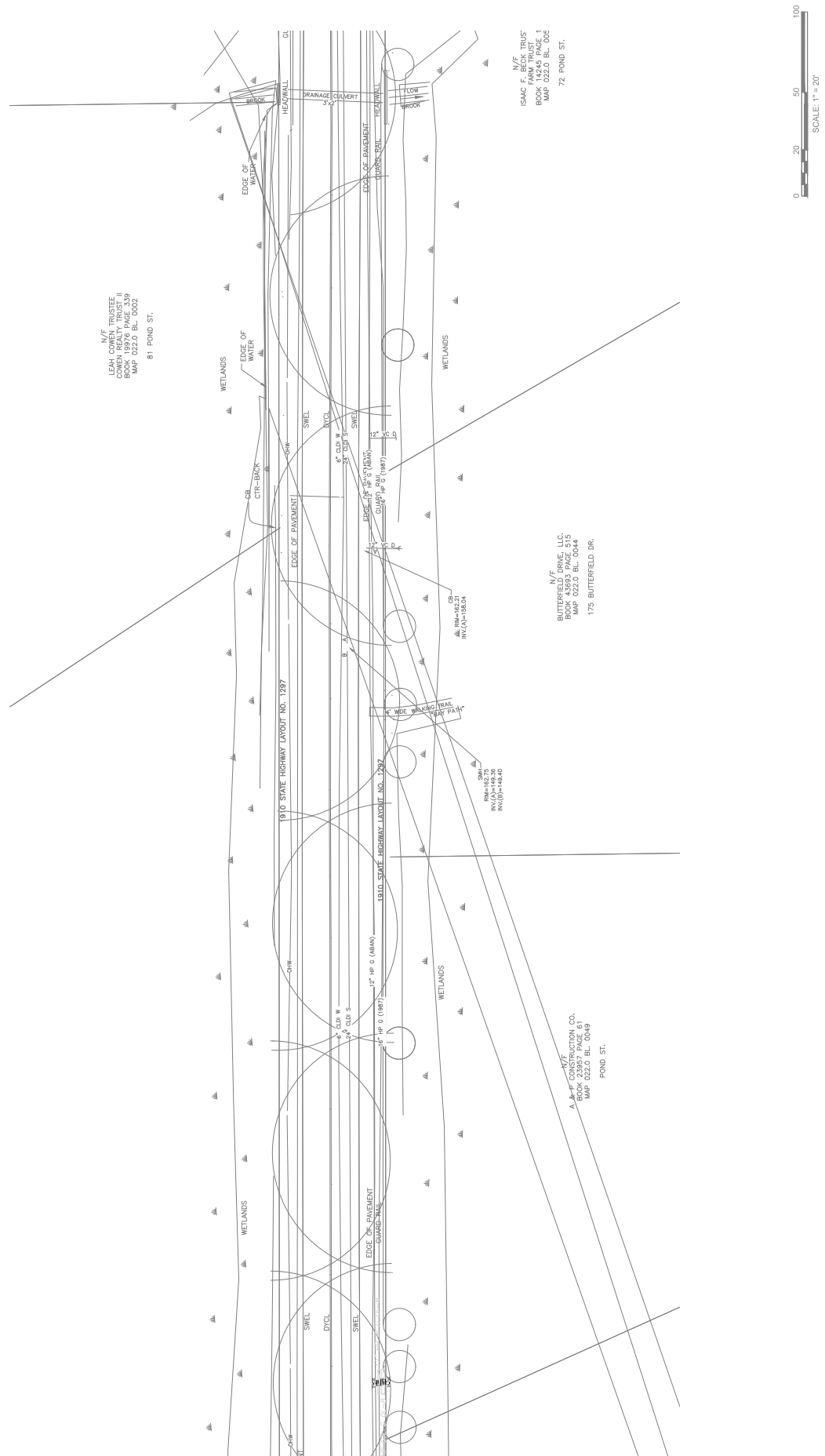
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	14	18
PROJECT FILE NO.			604123

ASHLAND, MA

ASHLAND, VIA

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	14	18
PROJECT FILE NO.			604123

SUE PLAN (SHEET 11)



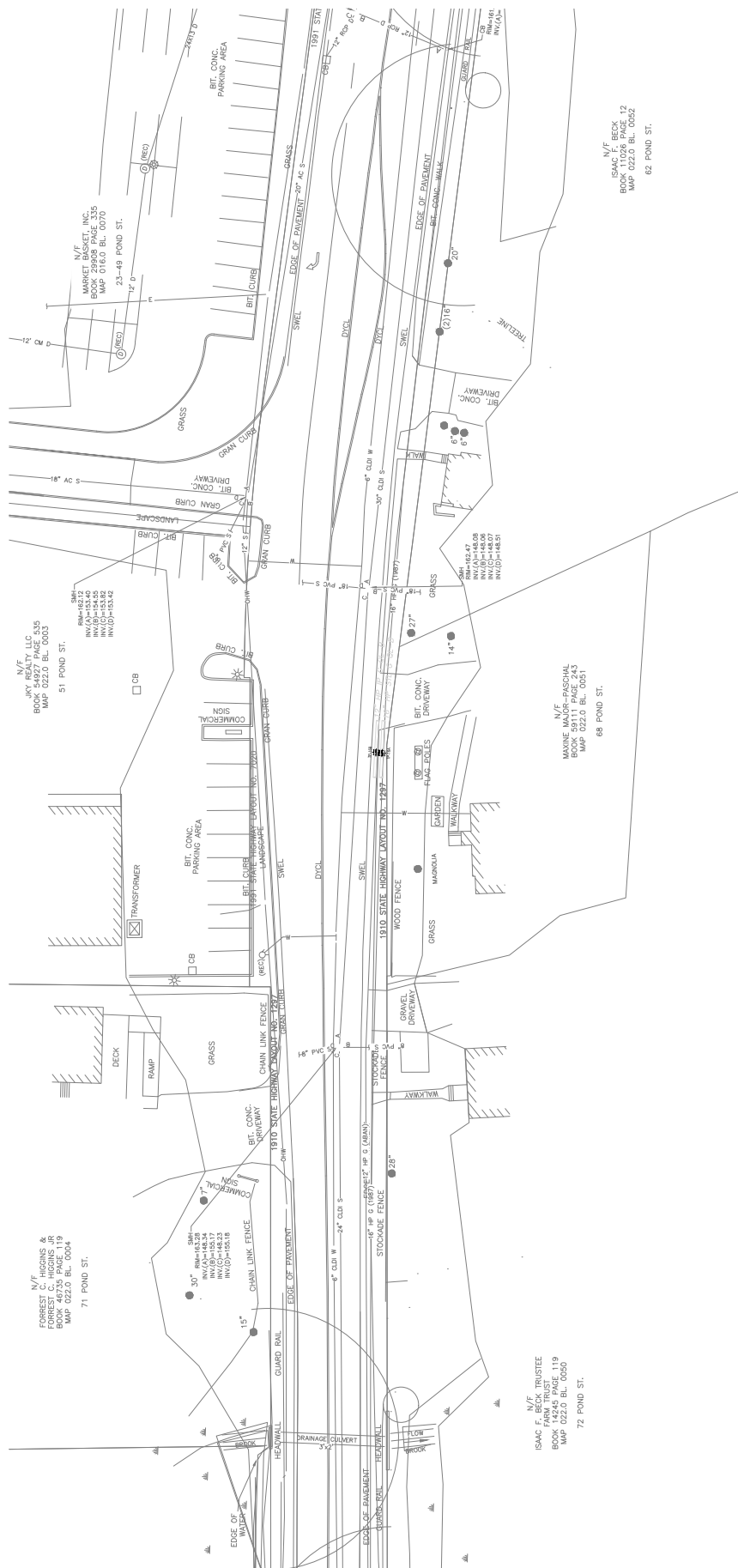


ASHLAND, MA

ROUTE 125 (POND STREET)

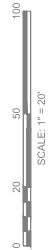
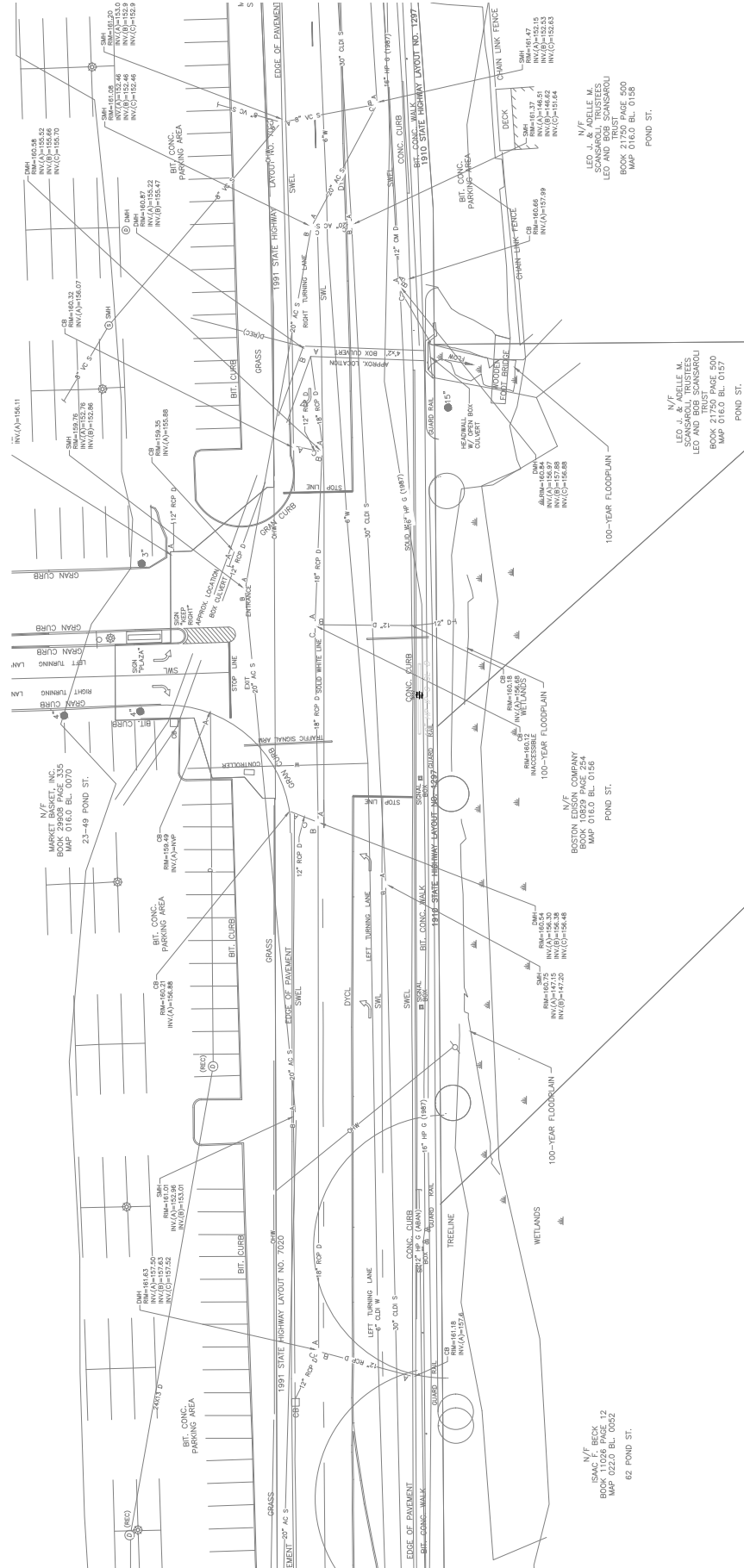
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEET
MA	-	15	18
PROJECT FILE NO.		604123	

SUE PLAN (SHEET 12)



ASHLAND, MA

STATE	DESIGNER'S NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	18
PROJECT FILE NO.		604123	
SUE PLAN (SHEET 13)			



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	17	18
PROJECT FILE NO.			604123

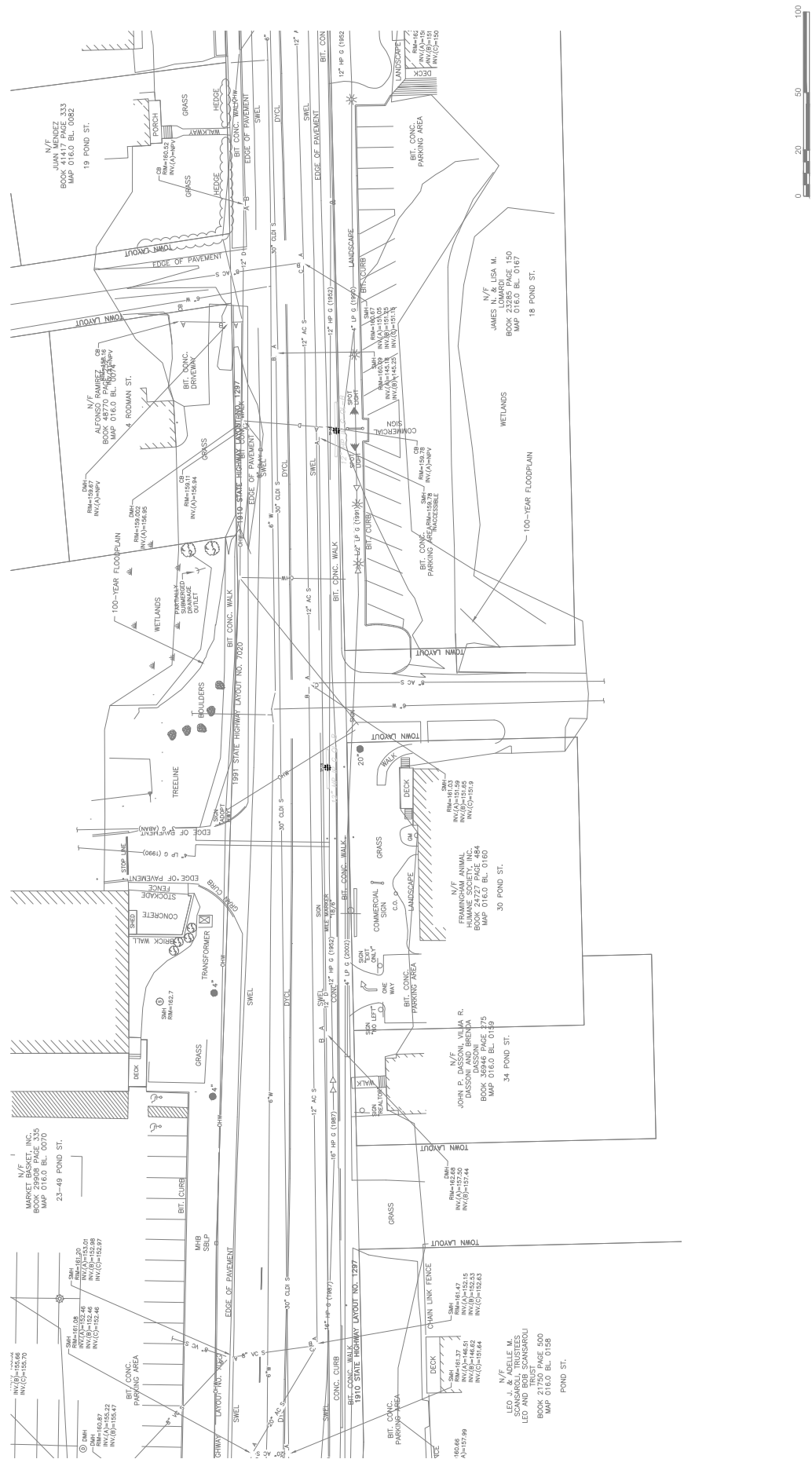
ASHLAND, MA

ASHLAND, MA  
ROUTE 125 (POND STREET)

DATE	FEED AND PROJ NO	SHEET	TO
------	------------------	-------	----

NO.	SHE.
17	1

PROJECT FILE NO.	604123
------------------	--------



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	18	18
PROJECT FILE NO.			604123

ASHLAND, MA

ROUTE 125 (POND STREET)

DATE	SSD AND PROJ NO	SHEET	TOTAL
------	-----------------	-------	-------

NO.	NO.	NO.
10	10	10

PROJECT FILE NO.	60412
------------------	-------

SUE PLAN (SHEET 15)

