

APPENDIX
MEETING MINUTES



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LANDSCAPE ARCHITECTURE

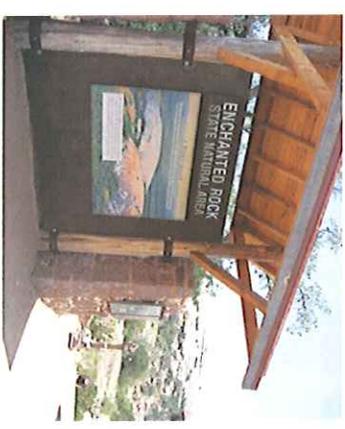
SHAW FARM
SUTTON, MASSACHUSETTS

FEBRUARY, 2012

SITE DETAILS - SIGNAGE



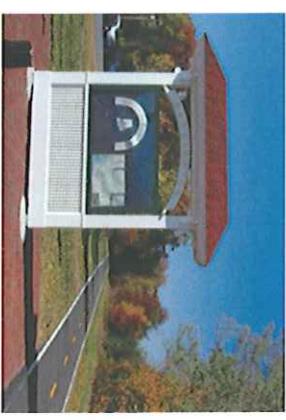
ENTRY SIGNAGE



TRAIL MARKERS



KIOSK - INTERPRETIVE SIGNAGE



SECTION NO. 5
SITE DETAILS

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COST ESTIMATE

ORDER OF MAGNITUDE COST ESTIMATE Shaw Farm Preliminary Master Plan Sutton, Massachusetts

Project Number: P-1070
Preparation Date: January 7, 2011

NOTE: LABOR COSTS ARE INCLUDED IN THE ITEM TOTALS.

LINE #	Item	TOTAL
PHASE 1		
A. SITE PREPARATION		
1	Demolition	
A	Demolition of Existing Structures/Allowance	\$ 50,000.00
2	Site Cleanup/Chasing	
A	Tree Trimming/Cleanup along Putnam Road and Shaw Farm Road (75mm @ \$85)	\$ 6,375.00
B	Invasive Species Removal along Putnam Road and Shaw Farm Rd (\$90/Day @ \$3)	\$ 24,000.00
	Sub-Total	\$ 80,375.00
B. EXISTING DRIVE, PARKING AND WALKWAYS		
1	Pedestrian Connections	
A	Walkway from Putnam Rd to Parking Facility & Fields (5' Asphalt, Walk/Bases: 620 sy @ \$40)	\$ 22,800.00
B	Walk way from Parking Lot to Existing Trail System (5' stone dust 620 sy @ \$30)	\$ 18,600.00
2	Driveway and Parking Lot	
A	18' Driveway (1520 SY @ \$40) includes bit. removal and tire grinding	\$ 60,800.00
E	Parking Area (4272 SY @ \$40) includes excavation, grading, gravel borrow	\$ 170,880.00
C	Lighting Allowance (assumes 10 @ \$500)	\$ 5,000.00
D	Site Furnishings Allowance	\$ 20,000.00
E	Composting Tolder (assumes 4 units)	\$ 50,000.00
F	Grass Planting (6,000 SF @ \$4)	\$ 24,000.00
F	Signage Allowance	\$ 15,000.00
	Sub-Total	\$ 462,000.00
C. EXISTING FIE, B. AND UTILITY		
A	Out and Fill Allowance (Assume 2' depth 4000CY @ \$12)	\$ 48,000.00
C	Synthetic Turf (Dramax) Base Aggregate, Synthetic Turf)	\$ 500,000.00
E	Vinyl Fencing 6' (1550 lf @ \$35 and 2 gates @ \$1200/ea)	\$ 58,650.00
F	Secor Gate (2 @ \$3500)	\$ 7,000.00
G	Lighting Conduit Allowance	\$ 15,000.00
H	Track Surface (Dramax, Base Aggregate, Synthetic)	\$ 700,000.00
I	Booster Station	\$ 75,000.00
J	Score Board	\$ 15,000.00
	Sub-Total	\$ 1,416,650.00
D. SHAW FARM TR		
A	Clear & Grub for DPW Facility (Assume 2' depth 4000CY @ \$12)	\$ 48,000.00
B	Parking Area and Driveway (\$3429 @ \$40)	\$ 133,680.00
C	Buildings (10,000sf)	\$ 1,500,000.00
D	Salt Storage	\$ 200,000.00
E	Landscaping Seeding and Planting	\$ 60,000.00
	Sub-Total	\$ 1,941,680.00

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III. LITTLE LEAGUE FIELD		
A.	Excavation (2' Deep 6772 CY@ \$12.00)	\$ 81,260.0
B.	Gravel Base (1843cy @ \$30)	\$ 49,290.0
C.	Sol Mix (542 cy @ \$12)	\$ 6,500.0
D.	Turf Mix (4480 sf @ .25)	\$ 11,200.0
E.	Vinyl Fencing 6' (684 lf @ \$35 and 2 gates @ \$1200/ea)	\$ 33,340.0
F.	Pushing Mound, home plate, bases line markings	\$ 7,000.0
G.	Back Stop	\$ 20,000.0
H.	Dug outs - 4 bench w/fence surround	\$ 12,000.0
I	Back Stop	\$ 20,000.0
J	Spot Field Lighting Allowance	\$ 45,000.0
	Sub-Total	\$ 285,590.0
Permitting and Design Costs		
A.	Survey/perm/initial civil engineering	\$ 120,000.0
B.	Site Design	\$ 60,000.0
C.	Architectural Plans (See Notes)	\$ 180,000.0
	Sub-Total	\$ 360,000.0
	PROJECT SUB-TOTAL	\$ 4,356,295.0
	Contingency/20%	\$ 871,259.0
	TOTAL	\$ 5,227,554.0
FUTURE PHASES OF WORK NOT INCLUDED IN ESTIMATE		
II. CELL TOWER		
A. CELL TOWER (BY OTHERS)		
ESTIMATE NOTES		
A.	NIC Utility Services (Water, Electric and Sanitary Sewer	
B.	Underground (Blasting, Pneumatic Hammers etc...) Not estimated	
C.	Barn (requires structural and re-use study)	
C.	DPW Design Build Construction Costs included in Design Services	

SECTION NO. 4
PHASING & COST



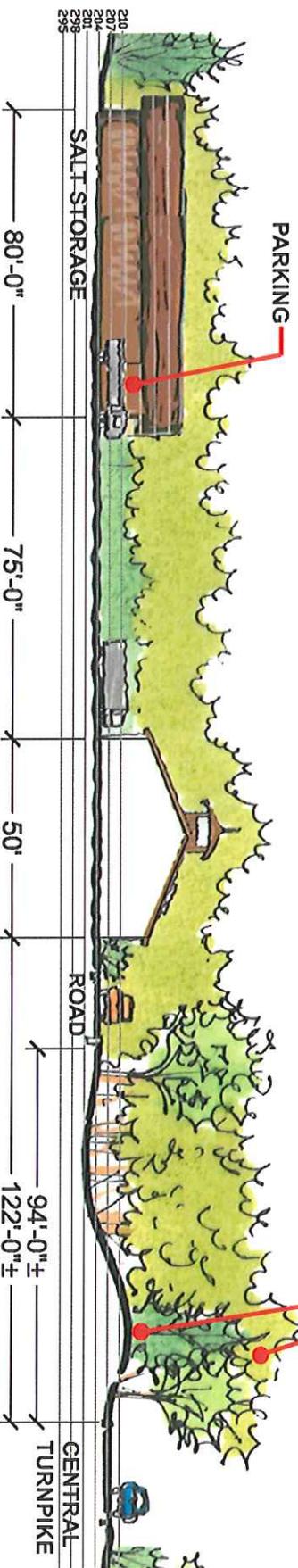
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PUBLIC WORKS FACILITY

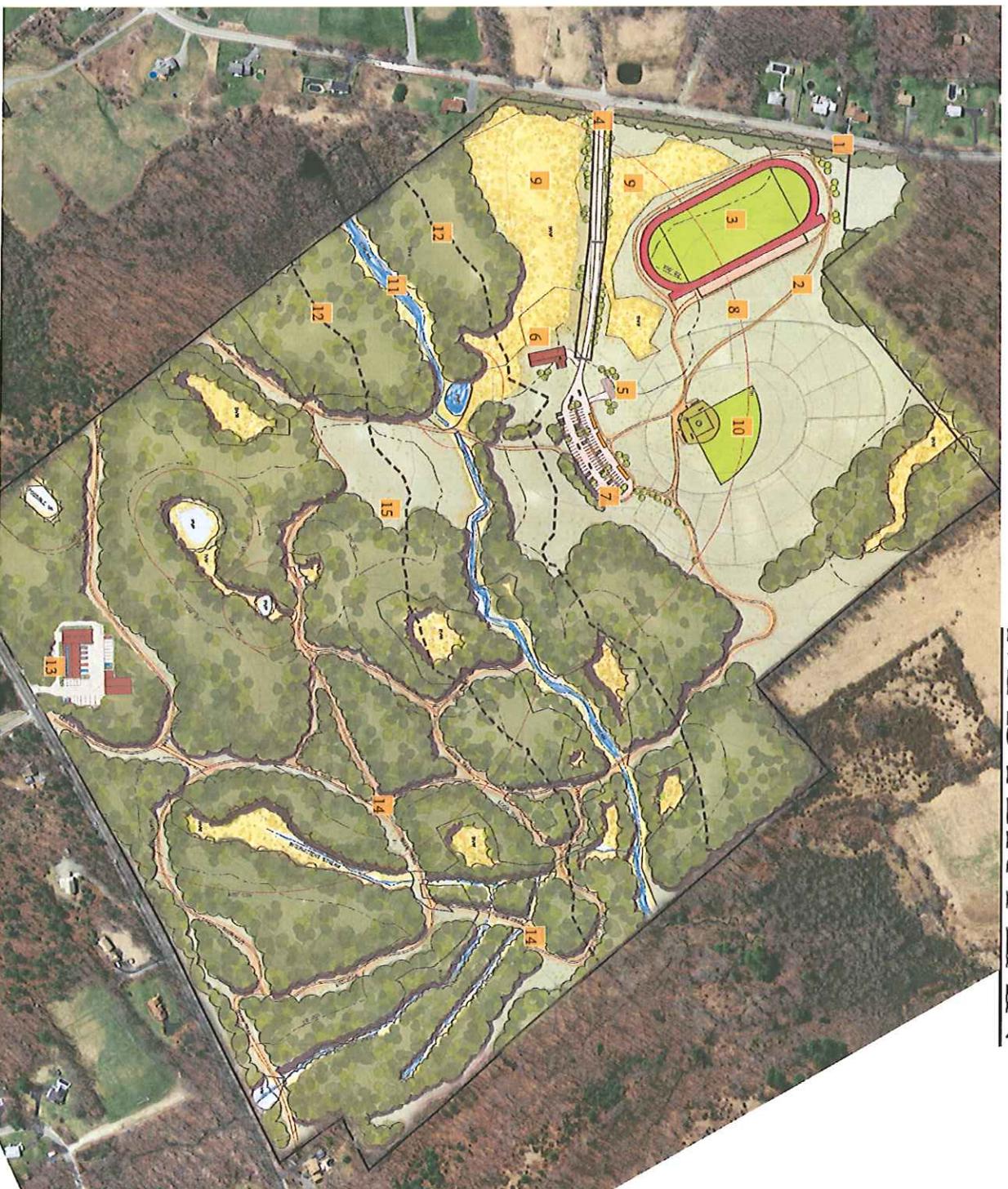
Highway facility Requirements

1. 10,000 Sf building including space for 5 parking bays, foreman's and director's office
 - A. Southern roof orientation for solar panels
 - B. Sand/salt storage area
 - C. All trucks and major equipment stored indoors
 - D. Close connection to central turnpike
 - E. Minimal building profile
 - F. Preservation of existing mature vegetation
 - G. Cedar or wood siding to soften appearance



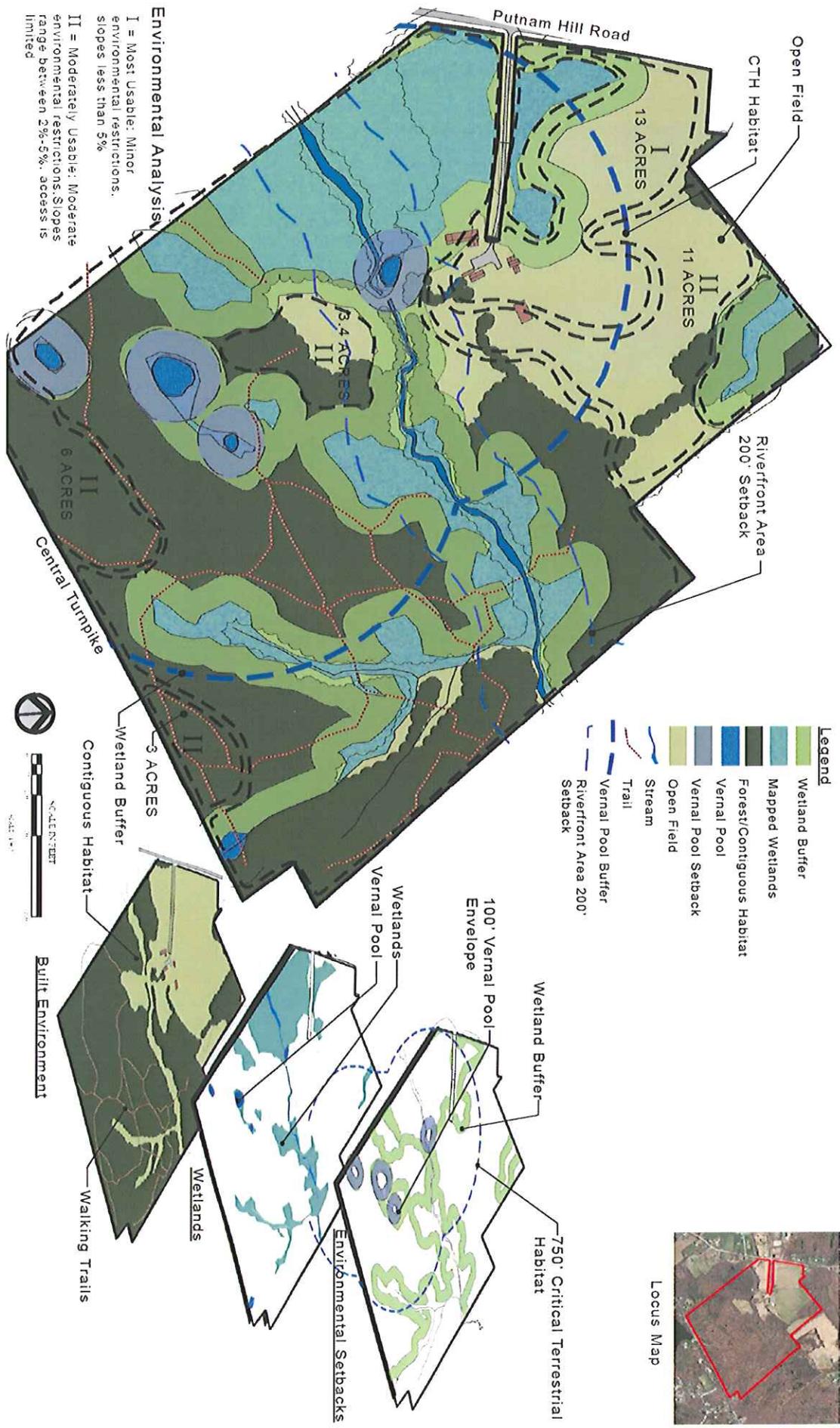
MASTER PLAN

- 1 SIDEWALK CONNECTION TO SCHOOL
- 2 MULTI-USE TRAIL
- 3 TRACK FACILITY WITH SOCCER FIELD AND BLEACHERS
- 4 ENTRY DRIVE (EXISTING) WITH REINFORCED TURF SHOULDERS
- 5 EXISTING FARMHOUSE TO BE REMOVED
- 6 EXISTING BARN
- 7 MAIN PARKING AREA WITH DROP-OFF AND BUS PULL-OFF AREA WITH EXPANDABLE PARKING LOT ON REINFORCED TURF +/-50 CARS
- 8 CRITICAL TERRESTRIAL HABITAT
- 9 WETLAND
- 10 LITTLE LEAGUE FIELD
- 11 STREAM
- 12 200' STREAM BUFFER
- 13 NEW DPW FACILITY
- 14 CROSS COUNTRY / MULTI-USE TRAILS
- 15 CELL TOWER



SECTION NO. 3
PROPOSED IMPROVEMENTS

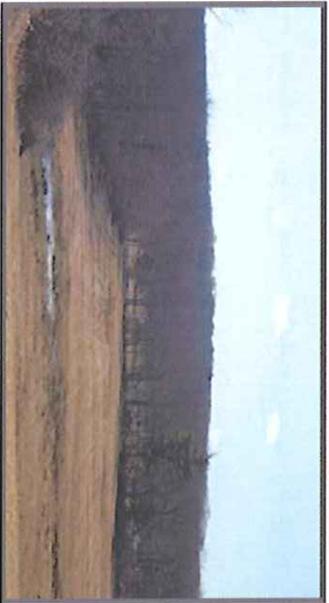
ENVIRONMENTAL ANALYSIS



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1 LOWER FIELD



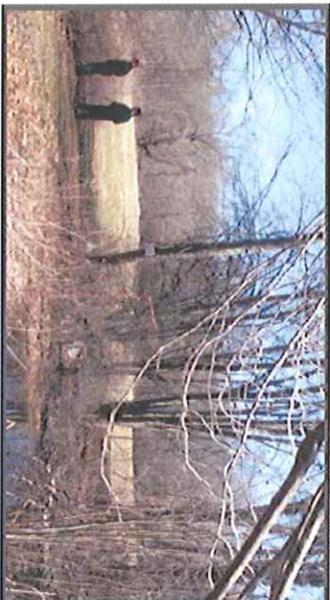
4 SHED



10 CENTRAL TURNPIKE



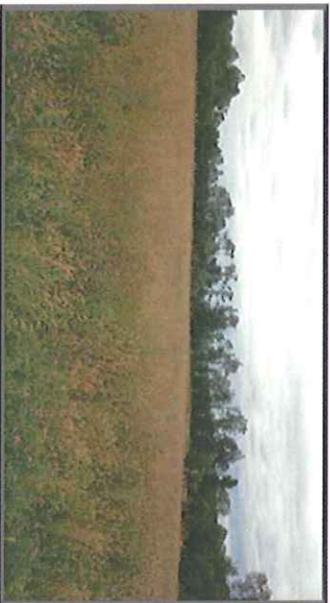
2 VIEW TO MIDDLE FIELD



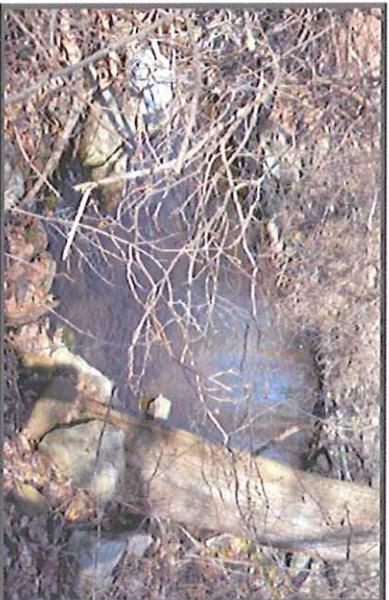
5 VIEW TO WOODLAND FIELD



11 VIEW FROM UPPER FIELD



3 MIDDLE FIELD



9 VERNAL POOL

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SECTION NO. 2
EXISTING CONDITIONS

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SECTION NO. 1
PROJECT AREA



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- DPW Facility

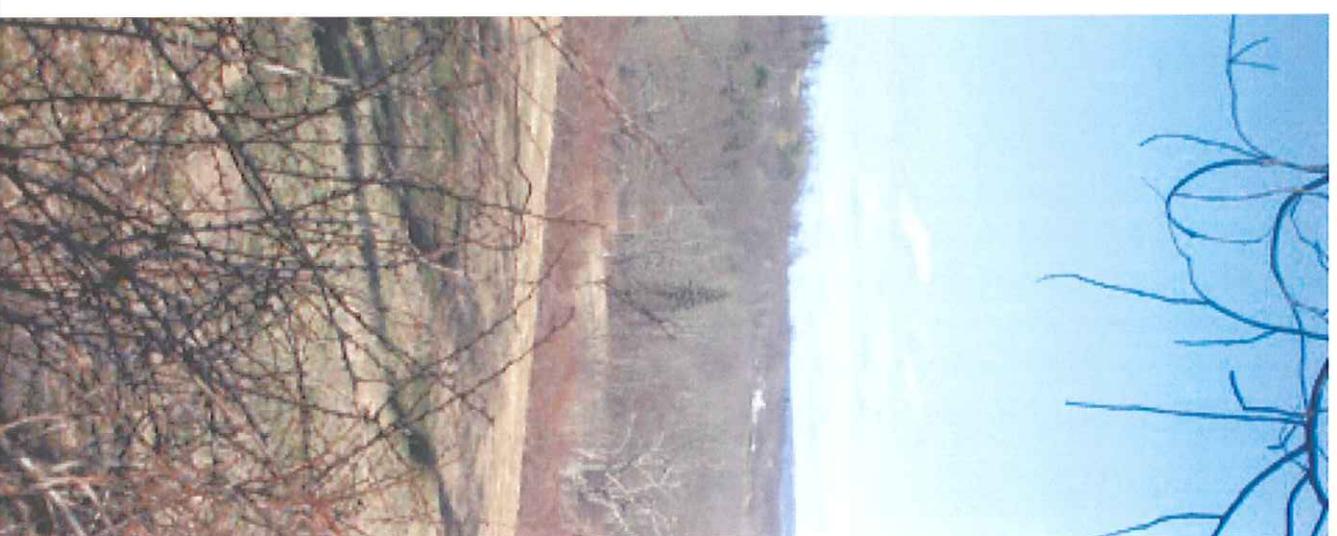
Section 4. Phased Approach

- Phasing
- Cost Estimate
- Permitting

Section 5. Site Details

- Site Details and Amenities
- Signage

Appendix A- Meeting Notes



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