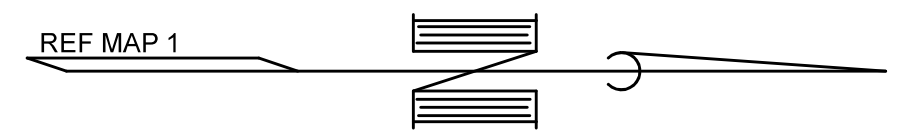
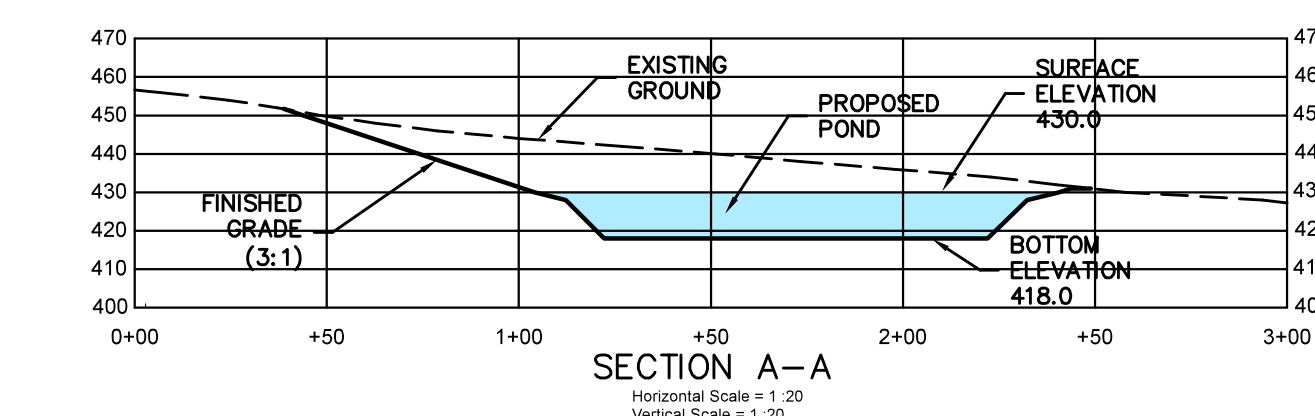


LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING ELEVATION
- EXISTING IRON PIN
- WETLAND FLAG
- GROUNDEWATER MONITORING STAND PIPE
- SILT FENCE
- STAKED HAY BALES
- PLANTED PINE



PROPOSED CHANNEL
SCALE: 1"=1'



PROJECT NARRATIVE:
THIS PROPOSAL IS FOR AN IRRIGATION POND OF APPROXIMATELY 28,000 S.F. ON A 14.5 ACRE PARCEL AT 150 CHATHAM HILL ROAD. THE POND WILL SUPPORT THE IRRIGATION OF AN ORCHARD OF HYBRID APPLE SPECIES CURRENTLY BEING PLANTED ON A LARGE PORTION OF THE PARCEL. TOTAL EXCAVATION IS CALCULATED TO BE 23,000 C.Y. WHICH WILL BE USED AT THE HOME SITE CURRENTLY UNDER CONSTRUCTION. MATERIAL WILL BE MOVED BY OFF-ROAD TRUCK WHICH WILL STAY ON THE LOT. THE POND WILL CONVERT 4,338± S.F. (0.1 AC.) OF FORESTED WETLAND INTO AN OPEN WATERBODY. THE STONE STREAM CHANNEL THAT WILL CONVEY THE WATER FROM THE POND TO AN EXISTING STREAM WILL CONVERT 2,840± S.F. (0.065 AC.) OF FORESTED WETLAND TO STREAM. THE POND IS DESIGNED SUCH THAT THERE WILL BE NO CONTAINMENT BERM OR DAM. AFTER FINAL GRADING NEEDED TO FORM THE POND, TURF ESTABLISHMENT WILL BE DONE PER EROSION & SEDIMENT CONTROL GUIDELINES. REFER TO SHEET 2 FOR PLANTINGS.

TOTAL WETLANDS FLAGGED ON PARCEL: 54,332 S.F. (INCLUDING EXISTING 10,066 S.F. POND/ASSOCIATED WETLANDS)
TOTAL WETLANDS DISTURBED (EXCLUDING FARM POND): 5,020 S.F.

STAND PIPE READINGS

DATE	SURF TO GW	DATE	SURF TO GW
SP 626	6"	SP 626	1"-21"
SP 627	4"	SP 627	0"
SP 634	5"	SP 634	0"
SP 635	2"	SP 635	0"
SP 638	2"	SP 638	0"
SP 626	4"	SP 626	1-15-21
SP 627	4"	SP 627	1"
SP 634	2"	SP 634	1"
SP 635	2"	SP 635	0"
SP 638	2"	SP 638	0"
SP 626	4"	SP 626	1-30-21
SP 627	4"	SP 627	2"
SP 634	1"	SP 634	2"
SP 635	1"	SP 635	0"
SP 638	1"	SP 638	0"
SP 626	11-30-20	SP 626	2-14-21
SP 627	2"	SP 627	1"
SP 634	1"	SP 634	2"
SP 635	0"	SP 635	0"
SP 638	0"	SP 638	1"
SP 626	12-14-20	SP 626	2-28-21
SP 627	2"	SP 627	1"
SP 634	1"	SP 634	0"
SP 635	0"	SP 635	0"
SP 638	1"	SP 638	0"

WETLANDS RESTORATION PLAN & PROPOSED IRRIGATION POND
150 CHATHAM HILL ROAD
PREPARED FOR
JAMES D. JUSKO
GLASTONBURY, CONN.

REV. 6-29-2021
CLARK LAND SURVEYING, LLC
126 TUNXIS ROAD
BRISTOL, CONN. 06010
(860) 967-8500
TODD@CLARKLS.BIZ
DATE: 5-29-2021 SCALE: 1" = 50' MAP NO. 2020-12-P
SHEET 1 OF 2 SHEETS

WETLANDS FLAGGED BY RICHARD SNARSKI, MARCH 26, 2020
REFERENCE IS MADE TO A MAP TITLED "LOT LINE REVISION PLAN 532 MATSON HILL ROAD & PARCEL W-17 MATSON HILL ROAD PREPARED FOR JAMES D. JUSKO GLASTONBURY, CONN. REV. 6-10-2020" BY CLARK LAND SURVEYING, LLC
TYPE OF SURVEY: ZONING LOCATION
BOUNDARY DETERMINATION CATEGORY: DEPENDENT RESURVEY
CLASS OF ACCURACY: A-2

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS SURVEY WAS PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300B-1 THROUGH 20-300B-10 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

William T. Clark
WILLIAM T. CLARK L.S. #70080
NOT VALID WITHOUT EMBOSSED SEAL