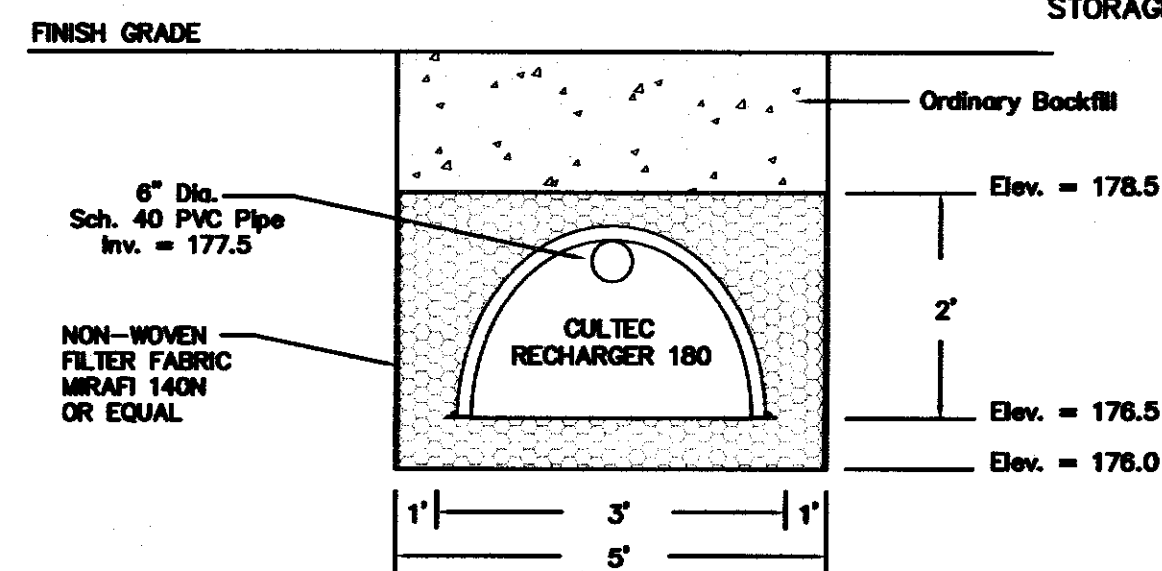


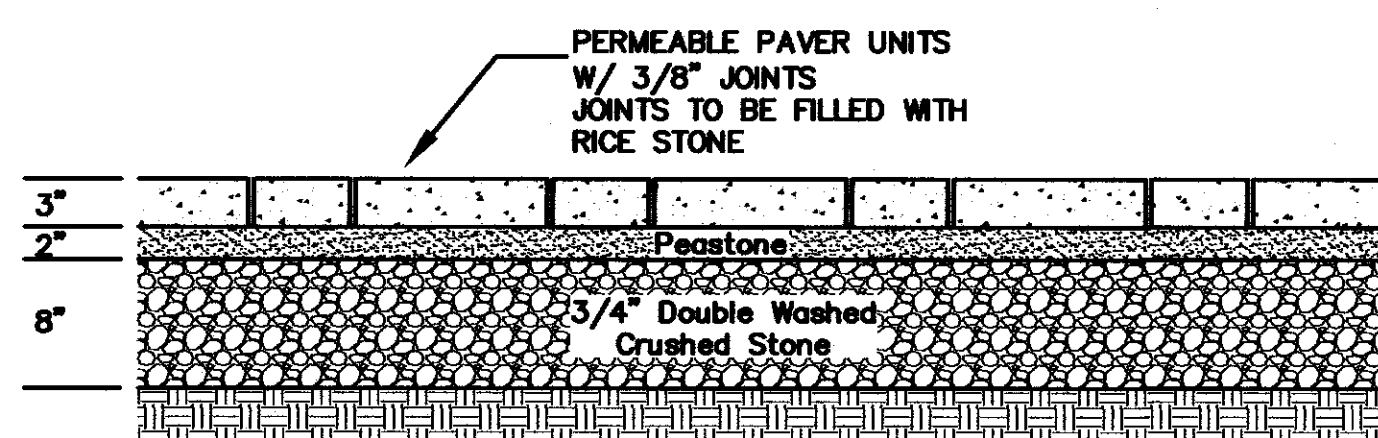
PLAN VIEW

ROOF AREA - 1,076 SF
 VOLUME OF ROOF RUNOFF =
 1,076 SF x 2" = 183 CF
 STORAGE VOLUME PROVIDED = 192 CF



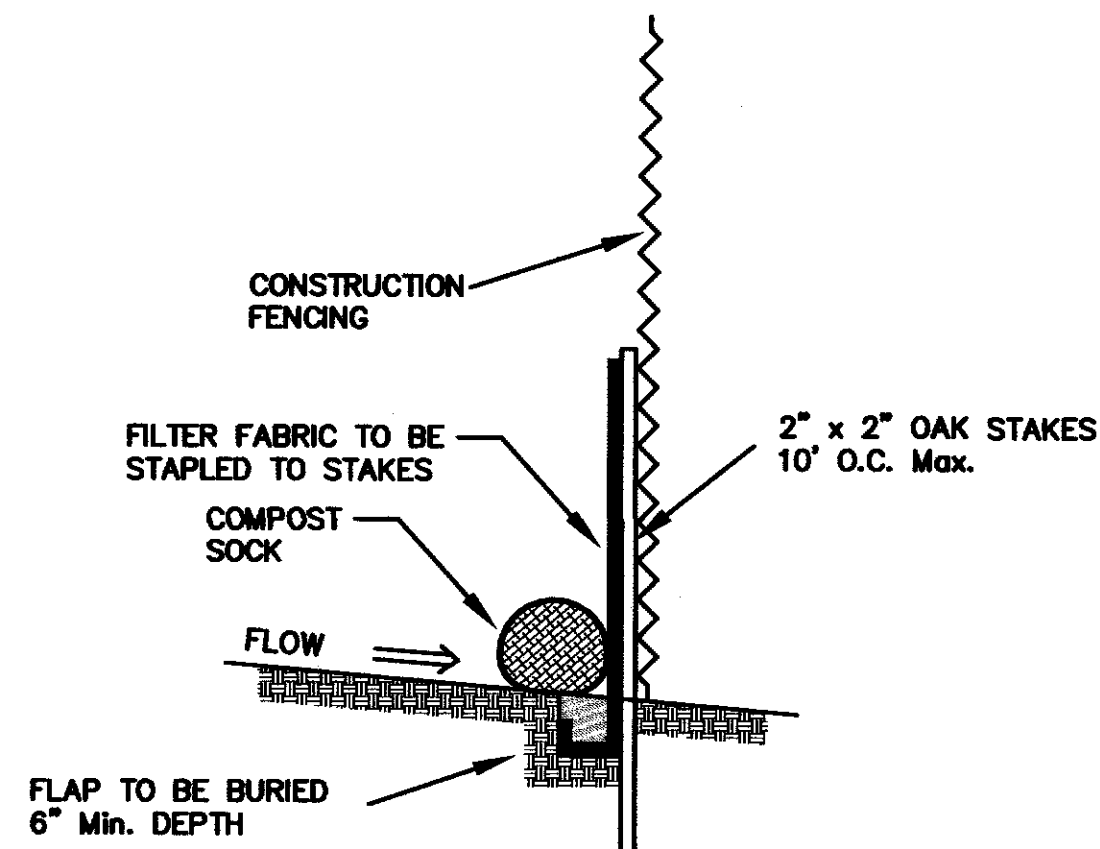
SECTION VIEW

ROOF RECHARGE SYSTEM

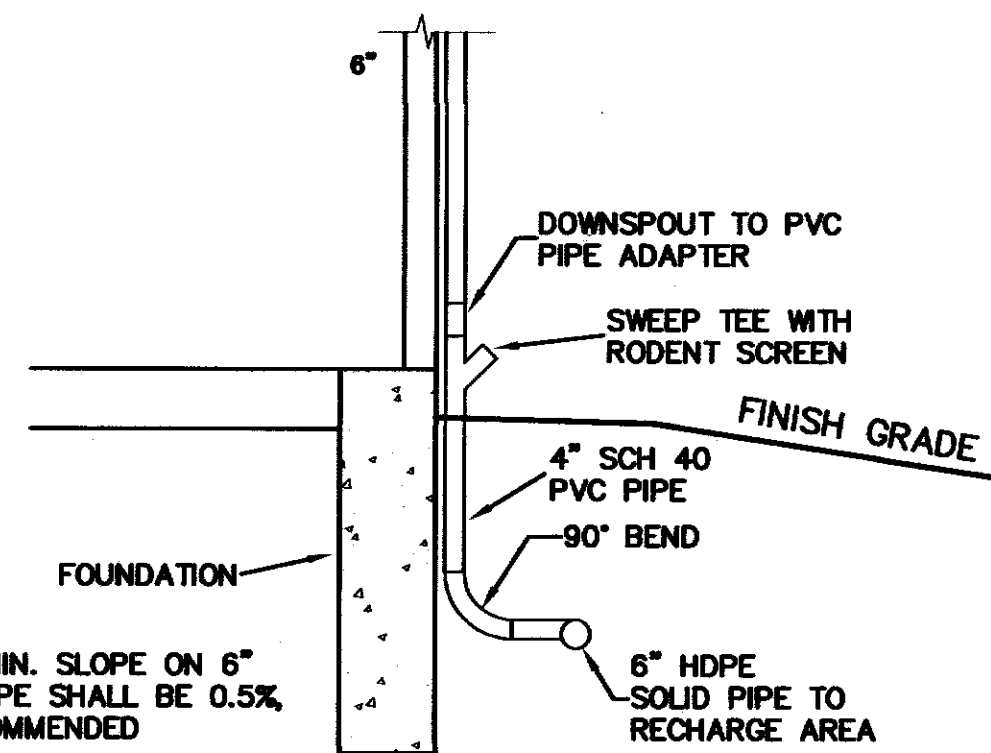


NOTE: REMOVE ALL TOP & SUBSOIL AND
 REPLACE WITH BANK RUN GRAVEL

PERMEABLE PAVER WALKWAY DETAIL

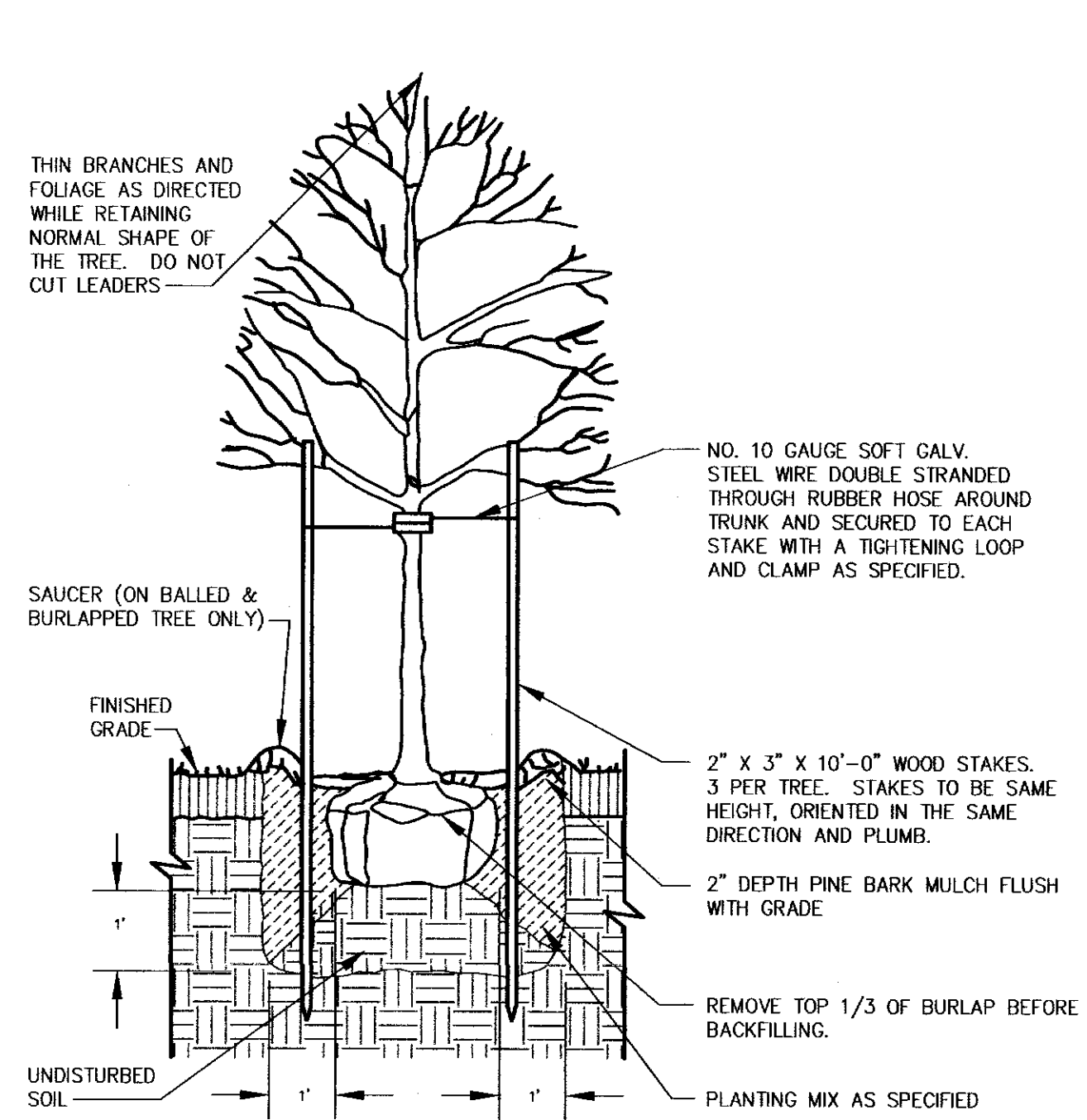


EROSION CONTROL
 DETAIL



NOTE: MIN. SLOPE ON 6\"/>
 HDPE PIPE SHALL BE 0.5%,
 1% RECOMMENDED

ROOF LEADER DETAIL



DECIDUOUS TREE PLANTING
 DETAIL

TREES TO BE PLANTED:
 1-RED OAK
 1-REDBUD
 1-DOGWOOD

CONSTRUCTION SEQUENCE:
 (TO BE COMPLETED IN THE FOLLOWING ORDER - AFTER RECEIPT OF ALL NECESSARY PERMITS
 AND APPROVALS)

PHASE I

1. INSTALL DEP SIGN. INSTALL EROSION CONTROL MEASURES IN LOCATION SHOWN ON PLAN.
2. CALL CONSERVATION AGENT TO INSPECT EROSION CONTROL MEASURES.
3. RAZE EXISTING HOUSE STRUCTURE AND FOUNDATION. REMOVE EXISTING WOOD DECK AND STAIRS BY HAND. REMOVE EXISTING BIT. CONC. PARKING AREA. DECOMMISSION EXISTING CESSPOOLS.

EXISTING HOUSE DEMOLITION PROTOCOL:

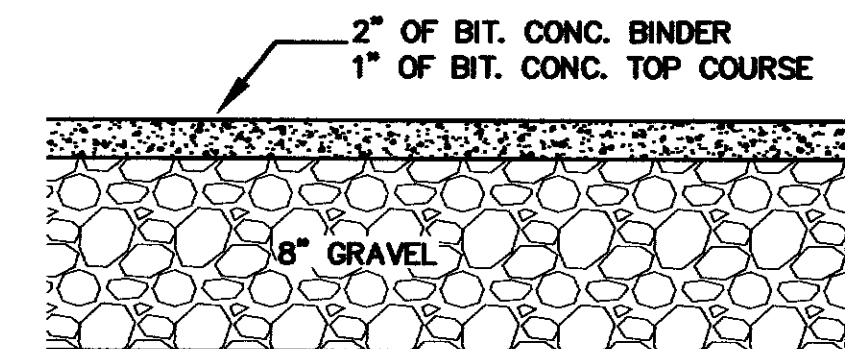
- A. ALL EXISTING UTILITIES SHALL BE DISCONNECTED AND CAPPED AS NECESSARY BY THE APPROPRIATE UTILITY COMPANY OR THE CONTRACTOR.
- B. A DUMPSTERS SHALL BE KEPT ON SITE AT ALL TIMES WHEN BUILDING DEMOLITION IS OCCURRING AND SHALL BE CAPABLE OF RECEIVING THE BUILDING DEMOLITION MATERIALS.
- C. ALL GLASS FROM THE HOUSE SHALL BE REMOVED BY HAND, CARRIED TO AND DISPOSED OF IN THE DUMPSTER.
- D. THE SUPPORT STRUCTURE OF THE EXISTING HOUSE SHALL BE WEAKENED.
- E. THE EXISTING HOUSE WILL BE DEMOLISHED BY A MACHINE THAT WILL PULL THE HOUSE AWAY FROM THE LAKE.
- F. ALL DEBRIS WILL BE LOADED INTO WAITING DUMPSTERS AND REMOVED FROM SITE.
- G. THE SITE WILL BE GRADED TO RECEIVE THE PROPOSED PATIO, LAWN AREA AND WALKWAY.

UPON COMPLETION OF DEMOLITION WORK TEMPORARY LIMIT OF WORK FENCING TO BE REMOVED.

PHASE II

1. EXCAVATE HOUSE FOUNDATION. FORM AND POUR HOUSE FOUNDATION.
2. BACKFILL HOUSE FOUNDATION. INSTALL ROOF RECHARGE CHAMBERS.
3. INSTALL WATER SERVICE AND OVERHEAD UTILITIES.
5. CONSTRUCT DRIVEWAY IN ACCORDANCE WITH CONSTRUCTION DETAIL.

NOTE: AT NO TIME WILL ANY WORK ACTIVITY BE ALLOWED BETWEEN THE EROSION CONTROL MEASURES AND THE LAKE.



DRIVEWAY PAVEMENT DETAIL

LOCAL UPGRADE APPROVAL REQUIRED:

1. TO ALLOW A LEACHING FACILITY TO BE 11' FROM A BASEMENT WHERE 10' IS REQUIRED (310 CMR 15.211)

BUFFER ZONE DISTURBANCES

0 - 50' BUFFER ZONE	3,722 SF
50 - 100' BUFFER ZONE	5,157 SF
TOTAL DISTURBANCE	8,879 SF

WETLAND FILLING

0 SF

ZONING: R-43

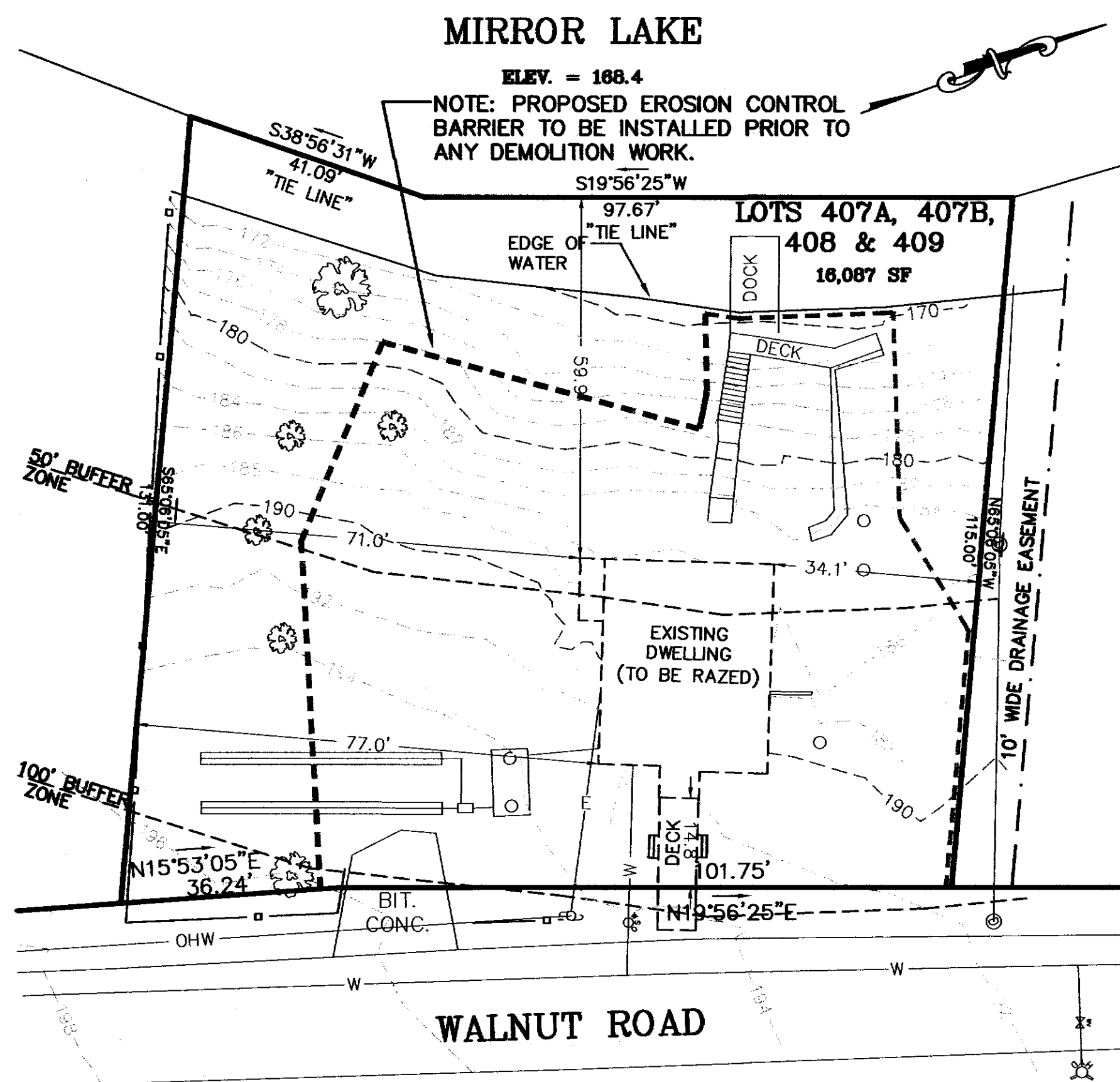
AREA:	REQUIRED	EXISTING	PROPOSED
30,000 SF	150'	16,087 SF	16,087 SF
FRONTAGE:	150'	137.99'	137.99'
SETBACKS:			
FRONT	40'	14.8'	15.4'
LH SIDE	25'	71.0'	31.3'
RH SIDE	25'	34.1'	25.7'
REAR	40'	58.9'	38.2'
LOT COVERAGE:	25%	7.2%	19.9% (13.2%)
AQUIFER PROTECTION ZONE II -			LOT COVERAGE 15%

ZONE X COMMUNITY PANEL 25021C0324E DATED 7/17/12

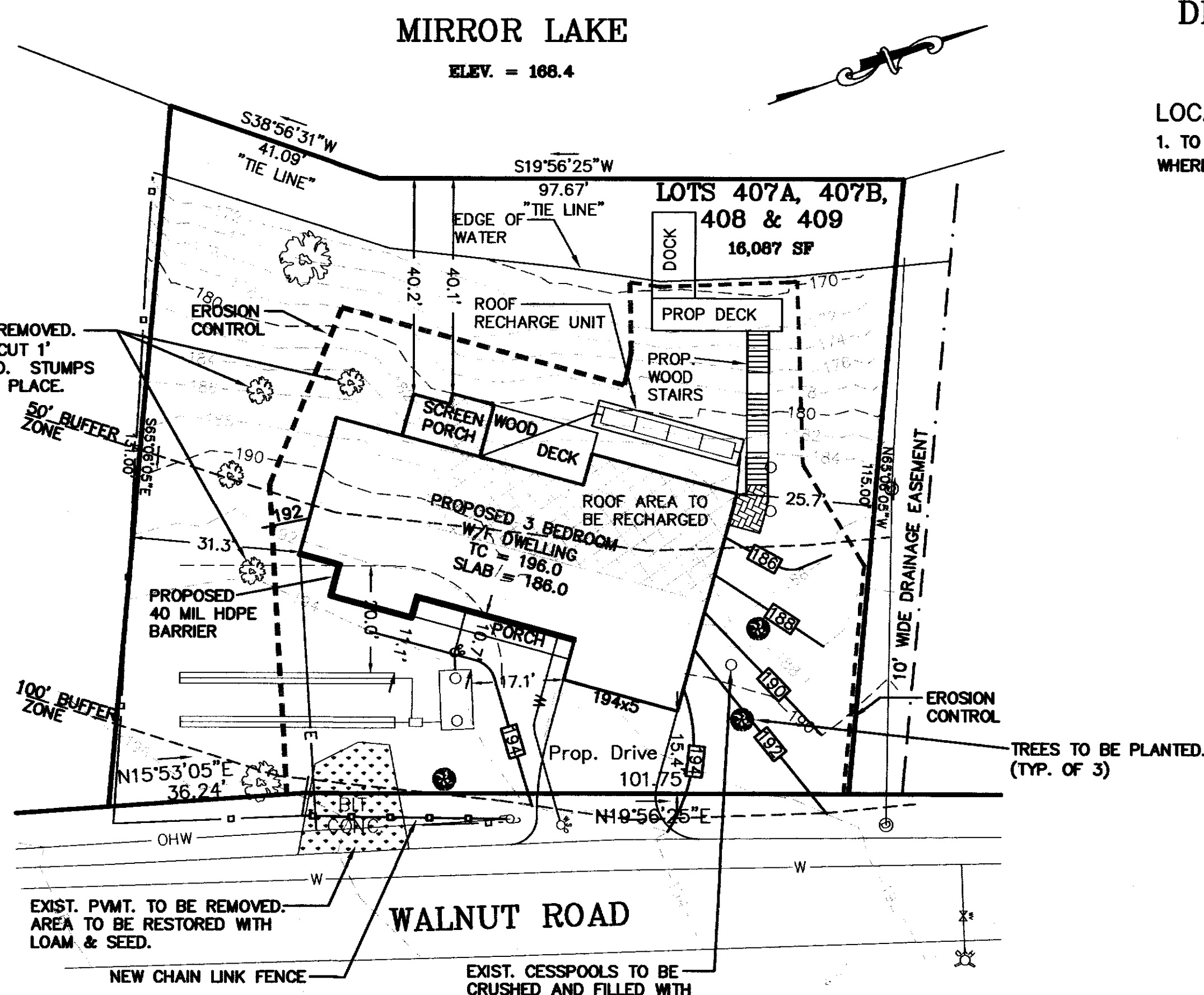
BUILDING AREA - EXISTING	1,039 SF	PROPOSED	2,781 SF
PAVED AREA	126 SF		414 SF
TOTAL IMPERVIOUS AREA	1,165 SF		3,195 SF

ROOF AREA RECHARGED = 1,076 SF
 TOTAL IMPERVIOUS AREA CONTRIBUTING TO RUNOFF
 3,195 - 1,076 = 2,119 SF 2,119 / 16,087 = 13.2%

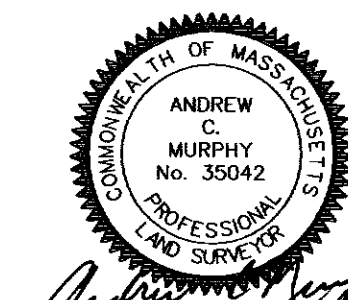
TOTAL LOT AREA	16,087 SF
TOTAL UPLAND AREA	13,950 SF
FIRST FLOOR AREA	2,141 SF
SECOND FLOOR AREA	0 SF
TOTAL FLOOR AREA	2,141 SF
FLOOR AREA RATIO	2,141/13,950 = 15.3%



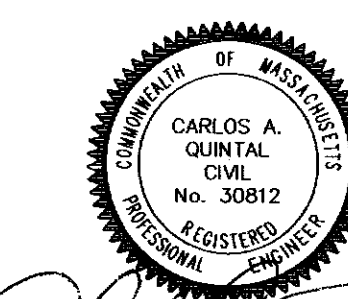
EXISTING



PROPOSED

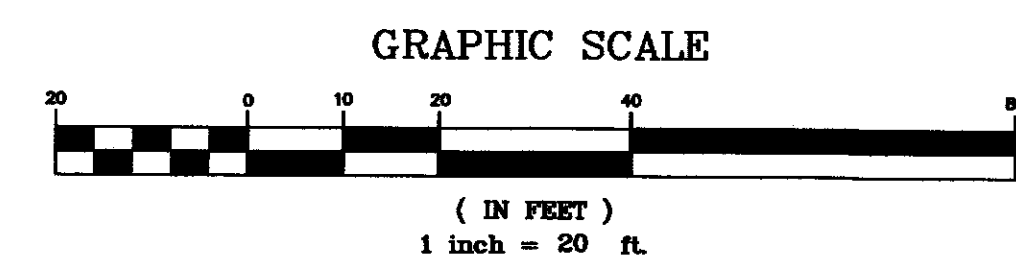


ANDREW C. MURPHY P.L.S. #35042



CARLOS A. QUINTAL P.E. #30812

SITE PLAN
 147 WALNUT ROAD
 WRENTHAM, MASSACHUSETTS
 PREPARED FOR
 VALERIE LORUSSO
 147 WALNUT ROAD
 WRENTHAM, MASSACHUSETTS



NO.	DATE	DESCRIPTION	BY
2	6/8/20	ADDED TREE WORK, REVISED PORCH	JS
1	4/16/20	ORIGINAL SUBMISSION	

DATE	JUNE 8, 2020	PROJECT	UC1420
SCALE	1" = 20'	SHEET	1 of 1