

DEFINITIVE SUBDIVISION PLAN

FOR

MOHEGAN LANE

A RESIDENTIAL COMPOUND

AT 37 MOHEGAN ROAD

ACTON, MASSACHUSETTS

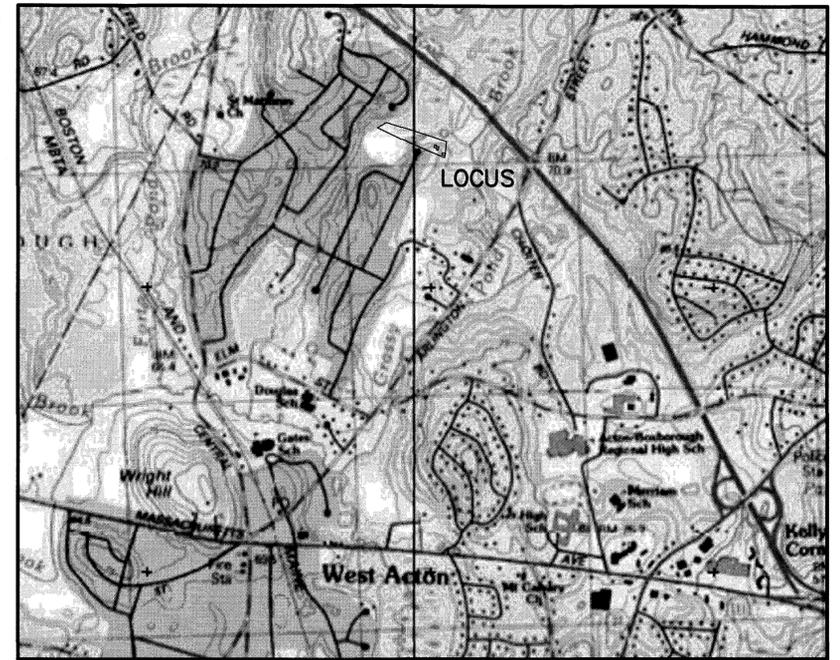
MARCH 25, 2016



LOCUS PLAN
SCALE: 1"=200'

PLAN INDEX

SHEET 1	TITLE SHEET
SHEET 2-3	RECORD PLAN
SHEET 4	EXISTING CONDITIONS PLAN
SHEET 5	SITE DEVELOPMENT AND GRADING PLAN
SHEET 6	LAYOUT AND UTILITIES PLAN AND PROFILE
SHEET 7	CONSTRUCTION DETAILS
SHEET 8	EROSION & SEDIMENTATION CONTROL PLAN



LOCUS MAP
SCALE: 1"=1200'



I, CLERK OF THE TOWN OF ACTON, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

DATE _____

TOWN CLERK _____

ACTON PLANNING BOARD

DATE: _____

ZONING DISTRICT

R-2
GWPD ZONE 3
FLOOD PLAIN DISTRICT

DATUM

ELEVATIONS SHOWN REFER TO
N.A.V.D OF 1988. - ADD 0.80 TO
GET TO NGVD OF 1929 ELEVATIONS.

NOTE:

THE FLOOD PLAIN IN THIS AREA DOES NOT EXTEND INTO THE UPLAND.
BASE FLOOD ELEVATION = 211'

REFERENCE

SOUTH DISTRICT
DEED BOOK 64972 PAGE 465
PLAN No. 997 OF 1962
ASSESSOR'S MAP D2 PARCEL 133

RECORD OWNER/APPLICANT

AARON B. JEANSON
KAARIN JEANSON
37 MOHEGAN ROAD
ACTON, MA

SURVEYOR/ENGINEER

STAMSKI AND McNARY, INC.
1000 MAIN STREET
ACTON, MA



RECORD OWNER

AARON B. JEANSON
KAARIN JEANSON
37 MOHEGAN ROAD
ACTON, MA

REFERENCE

MIDDLESEX REGISTRY OF DEEDS
SOUTH DISTRICT
DEED BOOK 64972 PAGE 465
PLAN No. 997 OF 1962
ASSESSOR'S MAP D2 PARCEL 133

ZONING DISTRICT

R-2
GWPD ZONE 3
FLOOD PLAIN DISTRICT

NOTES:

- 1) THERE SHALL BE NO FURTHER DIVISION OF THE LOTS SHOWN ON THIS PLAN.
- 2) SEE TOWN OF ACTON PLANNING BOARD DECISION DATED _____.
- 3) ALL SUPPLEMENTARY DATA SUBMITTED TO THE TOWN OF ACTON PLANNING BOARD UNDER THE TOWN OF ACTON SUBDIVISION RULES AND REGULATIONS ARE AN INTEGRAL PART OF THIS DEFINITIVE PLAN. NONCOMPLIANCE WITH THE PLAN, PROFILES, UTILITIES, LAYOUTS AND RESTRICTIVE COVENANTS WILL VOID THE APPROVAL STATUS; UNLESS A WAIVER IS SPECIFICALLY APPROVED BY THE BOARD IN WRITING.
- 4) THE LOTS SHOWN ON THIS PLAN ARE SUBJECT TO A COMMON DRIVEWAY COVENANT AND A PRIVATE DRIVEWAY MAINTENANCE AGREEMENT TO BE RECORDED HEREWITH.
- 5) THE RIGHT OF WAY SHALL REMAIN A PRIVATE WAY.
- 6) THE PRIVATE WAY SHALL ONLY SERVE THE LOTS SHOWN ON THE PLAN.
- 7) A RESTRICTIVE COVENANT IS TO BE RECORDED HEREWITH.

ACTON PLANNING BOARD

DATE: _____

I, CLERK OF THE TOWN OF ACTON, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

DATE _____

TOWN CLERK _____

DEFINITIVE PLAN

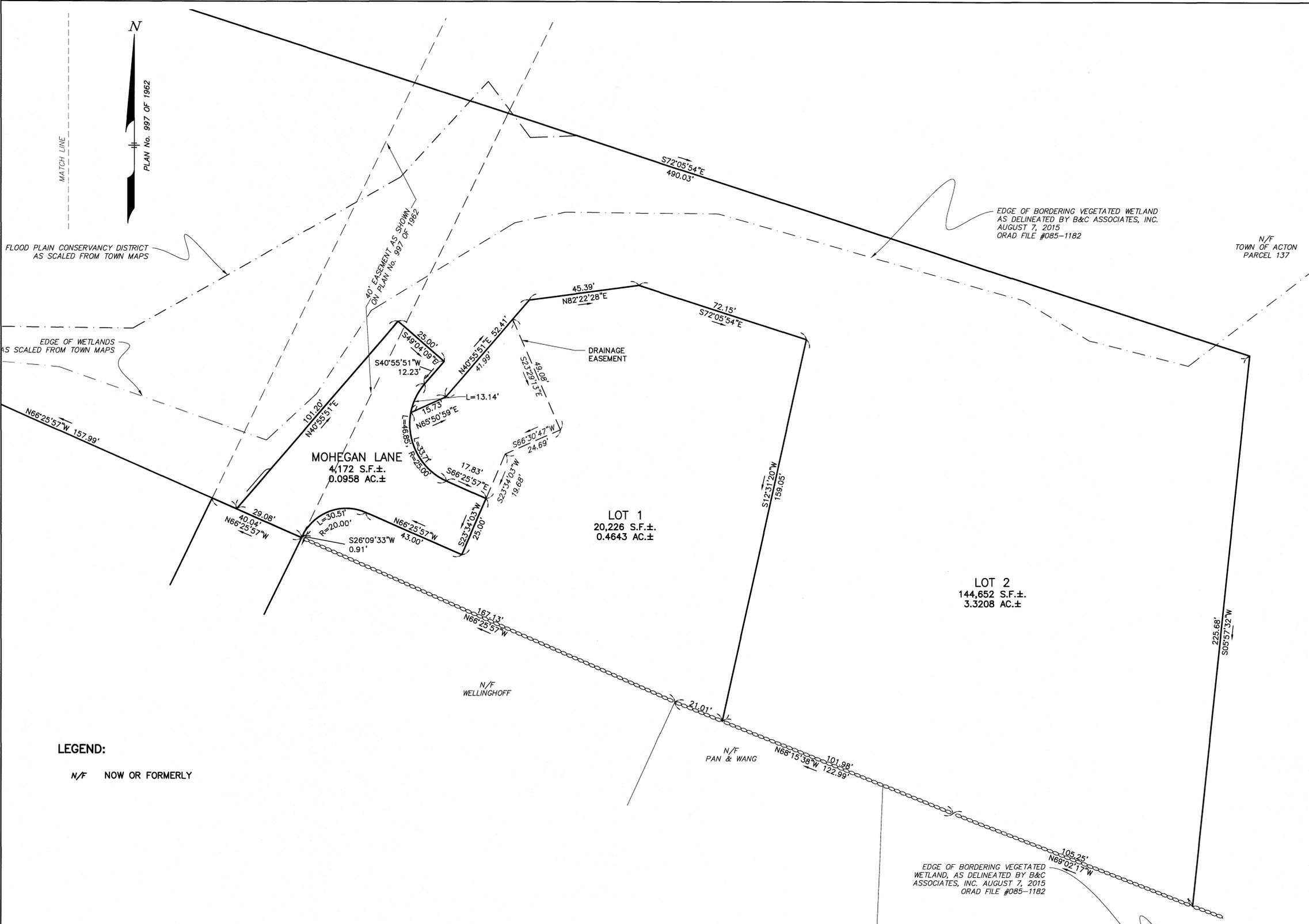
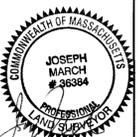
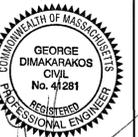
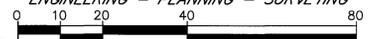
FOR
MOHEGAN LANE
IN
ACTON, MA

RECORD PLAN

FOR: JEANSON
SCALE: 1"=20'
DATE: MARCH 25, 2016

STAMSKI AND McNARY, INC.

1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING



THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

4/12/16
DATE

REGISTERED PROFESSIONAL LAND SURVEYOR



I, CLERK OF THE TOWN OF ACTON, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

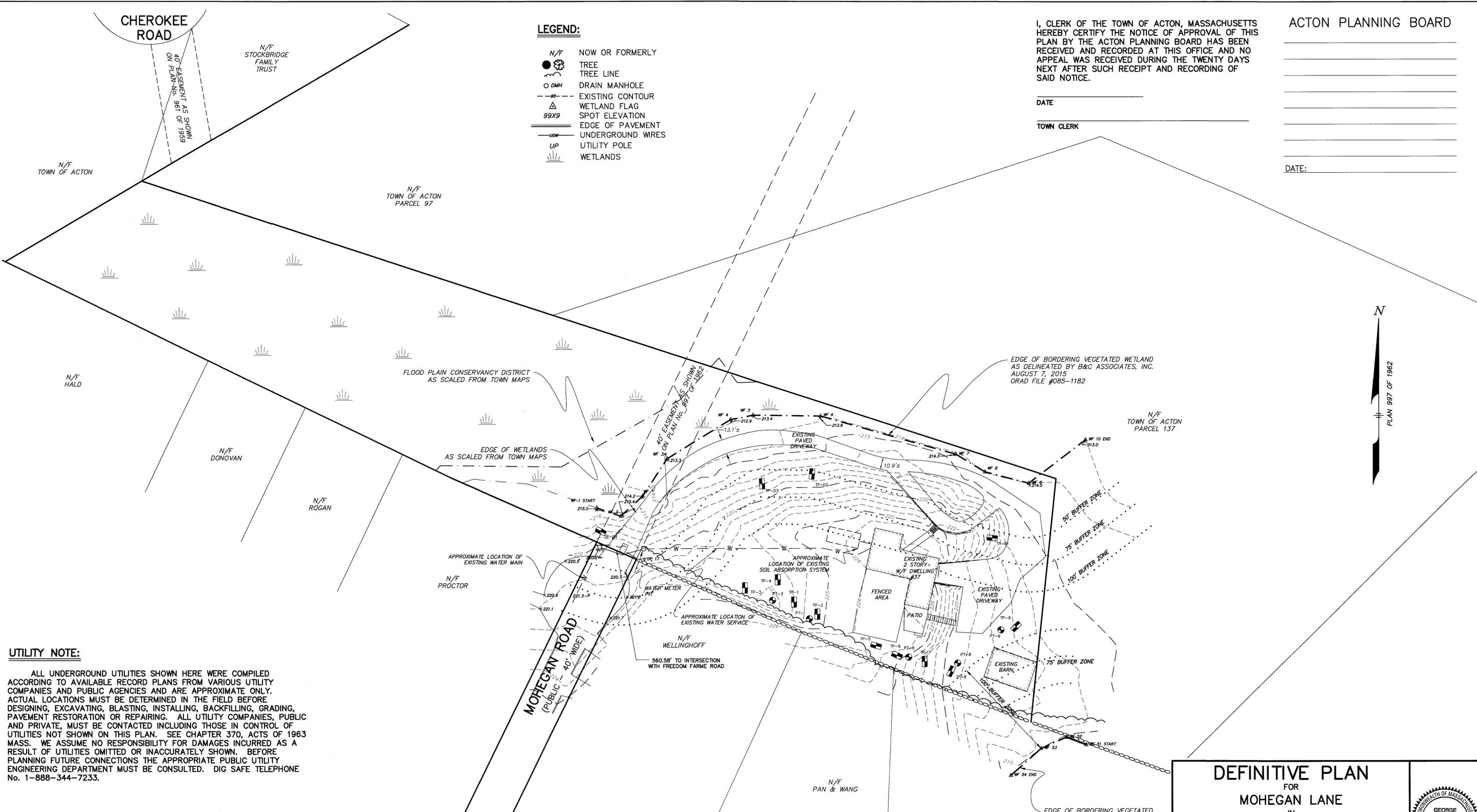
DATE _____

TOWN CLERK _____

DATE: _____

LEGEND:

- N/F NOW OR FORMERLY
- TREE
- DMH DRAIN MANHOLE
- - - EXISTING CONTOUR
- △ WETLAND FLAG
- 99X9 SPOT ELEVATION
- EDGE OF PAVEMENT
- UNDERGROUND WIRES
- UP UTILITY POLE
- WETLANDS



UTILITY NOTE:

ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.

RECORD OWNER/APPLICANT

AARON B. JEANSON
KAARIN JEANSON
37 MOHEGAN ROAD
ACTON, MA

ZONING DISTRICT

R-2
GWPD ZONE 3
FLOOD PLAIN DISTRICT

NOTE:

THE FLOOD PLAIN IN THIS AREA DOES NOT EXTEND INTO THE UPLAND.
BASE FLOOD ELEVATION = 211'

REFERENCE

SOUTH DISTRICT
DEED BOOK 64972 PAGE 465
PLAN No. 997 OF 1962
ASSESSOR'S MAP D2 PARCEL 133

DATUM

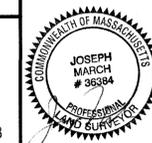
ELEVATIONS SHOWN REFER TO N.A.V.D OF 1988. - ADD 0.80 TO GET TO NGVD OF 1929 ELEVATIONS.

DEFINITIVE PLAN
FOR
MOHEGAN LANE
IN
ACTON, MA

EXISTING CONDITIONS PLAN

FOR: JEANSON
SCALE: 1"=40'
DATE: MARCH 25, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING



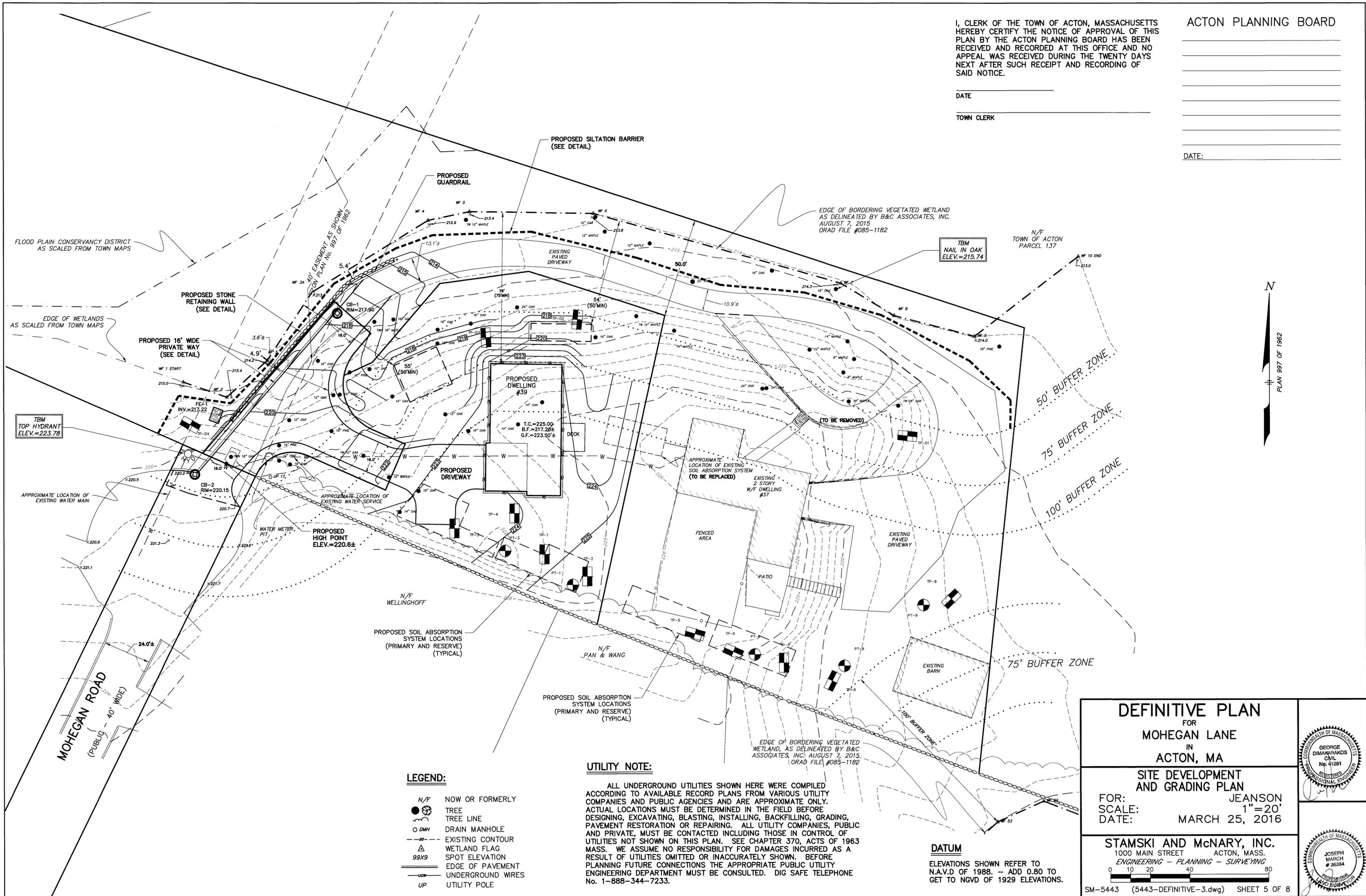
I, CLERK OF THE TOWN OF ACTON, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

ACTON PLANNING BOARD

DATE _____

TOWN CLERK _____

DATE: _____



TBM TOP HYDRANT ELEV.=223.78

TBM NAIL IN OAK ELEV.=215.74

EDGE OF BORDERING VEGETATED WETLAND AS DELINEATED BY B&C ASSOCIATES, INC. AUGUST 7, 2015 ORAD FILE #085-1182

N/F TOWN OF ACTON PARCEL 137

FLOOD PLAIN CONSERVANCY DISTRICT AS SCALED FROM TOWN MAPS

EDGE OF WETLANDS AS SCALED FROM TOWN MAPS

PROPOSED STONE RETAINING WALL (SEE DETAIL)

PROPOSED 16' WIDE PRIVATE WAY (SEE DETAIL)

PROPOSED GUARDRAIL

PROPOSED SILTATION BARRIER (SEE DETAIL)

PROPOSED DWELLING #39
T.C.=225.00
B.F.=217.29±
G.F.=223.50±

PROPOSED DRIVEWAY

APPROXIMATE LOCATION OF EXISTING SOIL ABSORPTION SYSTEM (TO BE REPLACED)

EXISTING 2 STORY W/F DWELLING #37

50' BUFFER ZONE

75' BUFFER ZONE

100' BUFFER ZONE

75' BUFFER ZONE

PROPOSED HIGH POINT ELEV.=220.6±

PROPOSED SOIL ABSORPTION SYSTEM LOCATIONS (PRIMARY AND RESERVE) (TYPICAL)

PROPOSED SOIL ABSORPTION SYSTEM LOCATIONS (PRIMARY AND RESERVE) (TYPICAL)

MOHEGAN ROAD (PUBLIC - 40' WIDE)

UTILITY NOTE:

ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.

LEGEND:

- N/F NOW OR FORMERLY
- TREE
- TREE LINE
- DMH DRAIN MANHOLE
- EXISTING CONTOUR
- △ WETLAND FLAG
- 99X9 SPOT ELEVATION
- EDGE OF PAVEMENT
- UNDERGROUND WIRES
- UP UTILITY POLE

DATUM

ELEVATIONS SHOWN REFER TO N.A.V.D OF 1988. - ADD 0.80 TO GET TO NGVD OF 1929 ELEVATIONS.

DEFINITIVE PLAN
FOR
MOHEGAN LANE
IN
ACTON, MA

SITE DEVELOPMENT AND GRADING PLAN

FOR: JEANSON
SCALE: 1"=20'
DATE: MARCH 25, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING



UTILITY NOTE:

ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.

LEGEND:

- N/F NOW OR FORMERLY
- TREE
- DMH DRAIN MANHOLE
- - - EXISTING CONTOUR
- △ WETLAND FLAG
- 99X9 SPOT ELEVATION
- UG — UNDERGROUND WIRES
- UP UTILITY POLE

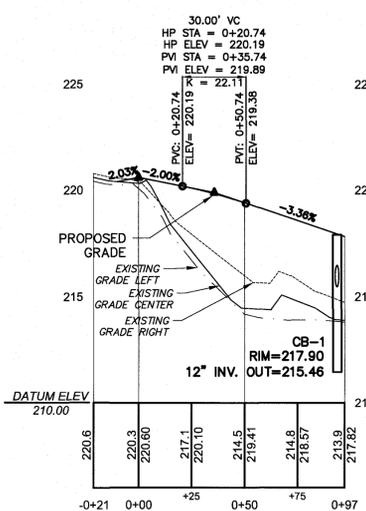
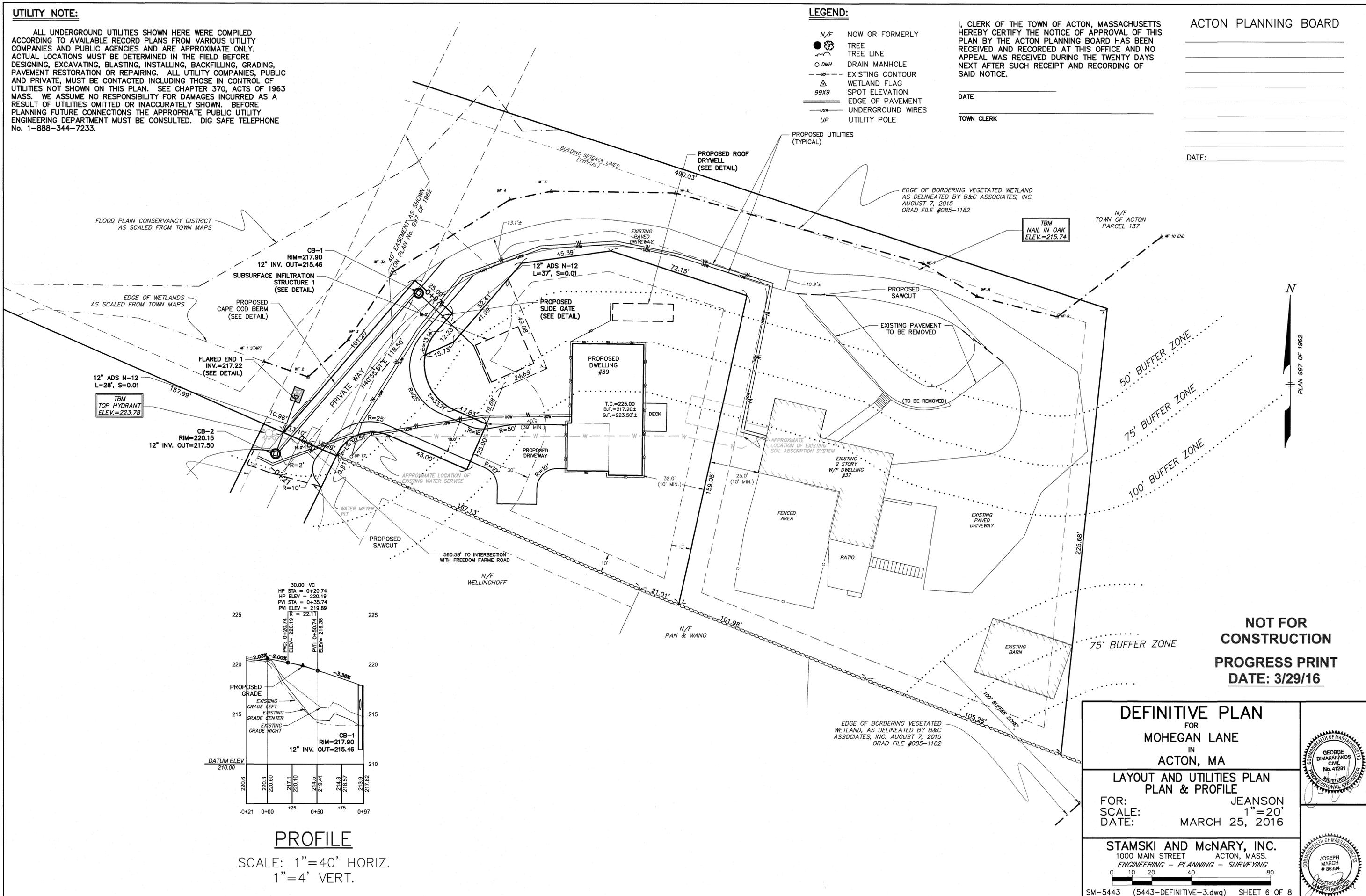
I, CLERK OF THE TOWN OF ACTON, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

DATE _____

TOWN CLERK _____

ACTON PLANNING BOARD

DATE: _____



PROFILE

SCALE: 1"=40' HORIZ.
1"=4' VERT.

NOT FOR CONSTRUCTION
PROGRESS PRINT
DATE: 3/29/16

DEFINITIVE PLAN
FOR
MOHEGAN LANE
IN
ACTON, MA

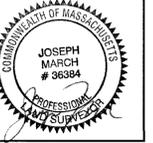
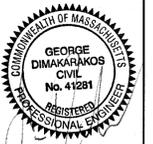
LAYOUT AND UTILITIES PLAN
PLAN & PROFILE

FOR: JEANSON
SCALE: 1"=20'
DATE: MARCH 25, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING

0 10 20 40 80

SM-5443 (5443-DEFINITIVE-3.dwg) SHEET 6 OF 8

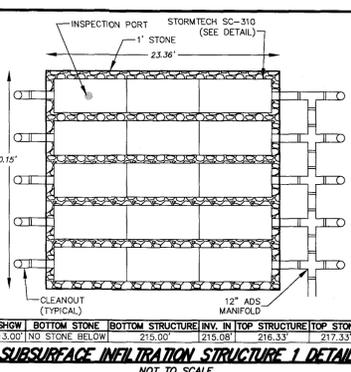
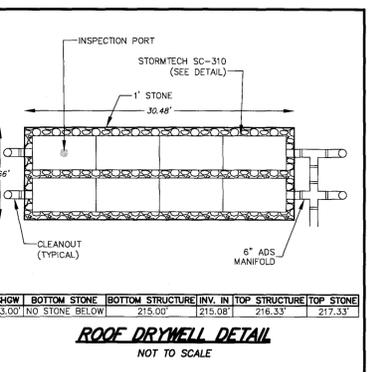
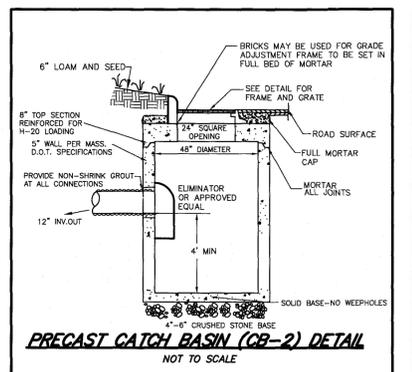
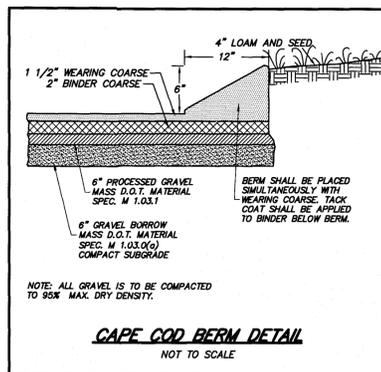
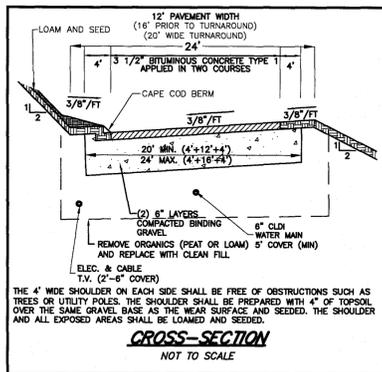


I, CLERK OF THE TOWN OF ACTON, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

DATE _____

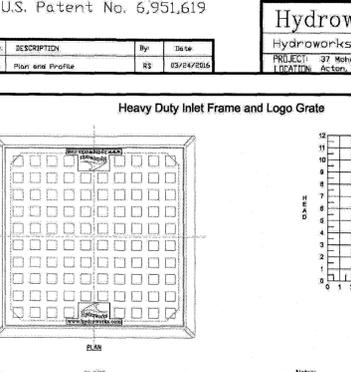
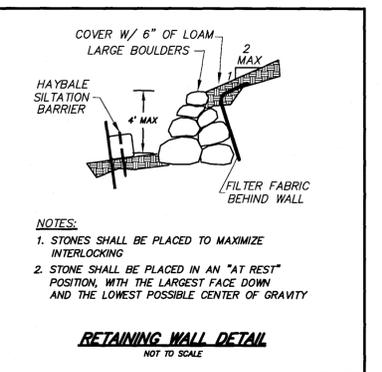
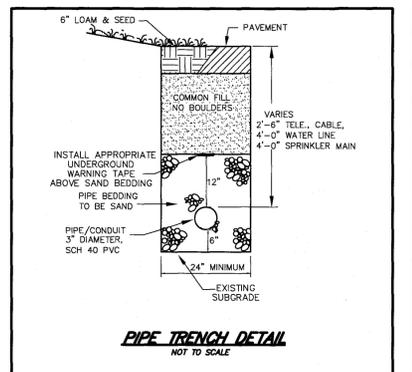
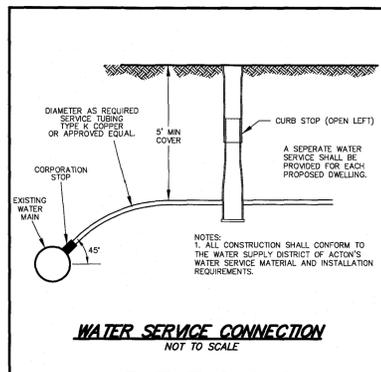
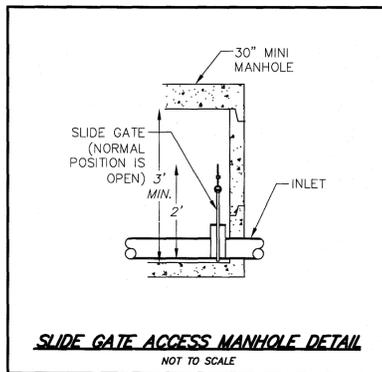
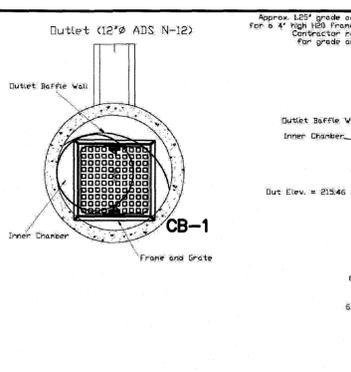
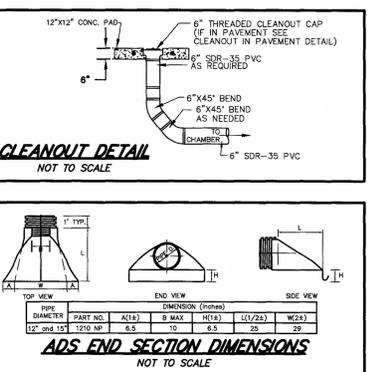
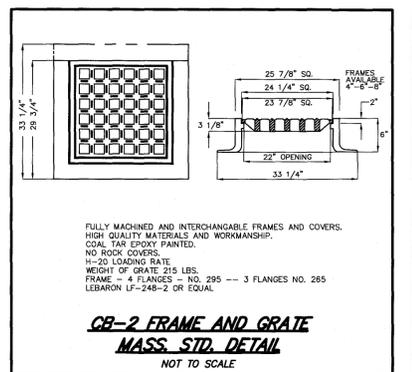
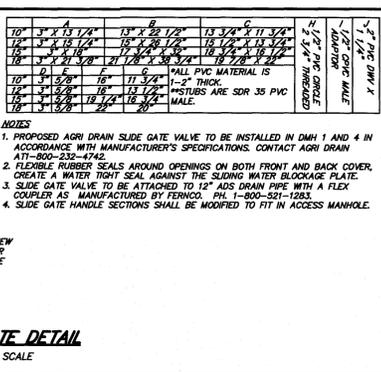
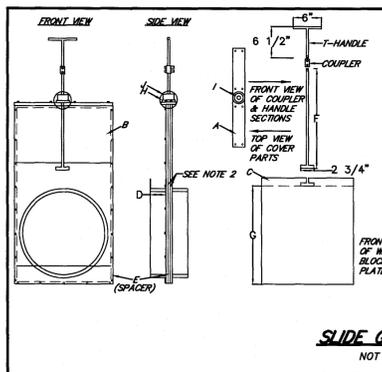
TOWN CLERK _____

DATE: _____



GENERAL NOTES

1. ALL UNDERGROUND UTILITIES SHOWN HEREON WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGE INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS, THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG-SAFE TELE. NO. (888) 344-7233.
2. UNLESS OTHERWISE SPECIFIED ON THESE PLANS, ALL CONSTRUCTION METHODS AND MATERIALS SHALL COMPLY WITH SPECIFICATIONS OUTLINED IN THE ACTON ZONING BYLAW AND THE ACTON RULES AND REGULATIONS FOR SITE PLAN SPECIAL PERMITS.
3. ALL LIMITS OF WORK SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION OR SITE CLEARING.
4. ALL WATER PIPES, HYDRANTS, GATE VALVES AND OTHER APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH THE ACTON WATER DISTRICT REQUIREMENTS.
5. ALL STUMPS AND OTHER CONSTRUCTION DEBRIS SHALL BE PROPERLY REMOVED ANY FILL MATERIAL USED SHALL BE FREE OF HAZARDOUS MATERIALS OR WASTE.
6. ALL DRAIN PIPES SHALL BE ADS N-12 UNLESS OTHERWISE SHOWN.
7. TRANSPORTATION OF FILL, EARTH, OR CONSTRUCTION DEBRIS TO OR FROM THE SITE SHALL BE RESTRICTED TO DAYTIME HOURS (9 AM TO 4 PM) MONDAY THROUGH FRIDAY.
8. IT IS ANTICIPATED THE EXISTING SEPTIC TANKS, SOIL ABSORPTION SYSTEM, AND WATER LINE WILL BE ENCOUNTERED DURING CONSTRUCTION. THE EXISTING ON-SITE SOIL ABSORPTION SYSTEM AND ASSOCIATED TANKS SHALL BE ABANDONED PURSUANT TO 310CMR 15.354 ABANDONMENT OF SYSTEMS OR REMOVED FROM SITE.
9. TURNING RADIUS HAS BEEN DESIGNED TO ACCOMMODATE A 30' VEHICLE.
10. ANY FILL MATERIAL USED SHALL BE FREE OF HAZARDOUS MATERIALS OR WASTE.
11. THE DEVELOPER IS RESPONSIBLE FOR CLEAN UP OF ANY SAND, DIRT OR DEBRIS WHICH ERODES FROM THE SITE ONTO GREAT ROAD AND TO REMOVE SILT OR DEBRIS THAT ENTERS ANY EXISTING DRAINAGE SYSTEM INCLUDING, BUT NOT LIMITED TO, CATCH BASIN SUMPS, PIPE LINES, MANHOLES, AND DITCHES IMMEDIATELY UPON DISCOVERY.
12. SIGNAGE LOCATION AND PERMIT SUBJECT TO TOWN APPROVAL.
13. NO PAVING SHALL TAKE PLACE AFTER NOVEMBER 15TH AND THE FINAL COURSE OF PAVEMENT SHALL BE PLACED AFTER THE BINDER HAS BEEN EXPOSED TO ONE WINTER SEASON.



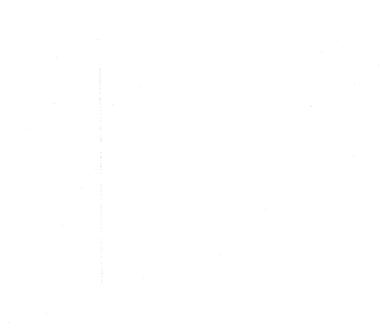
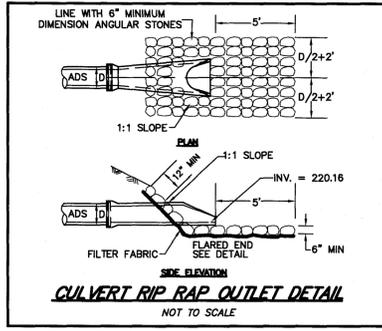
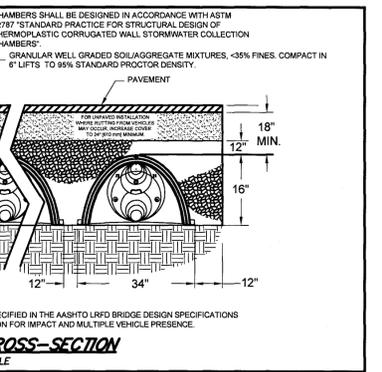
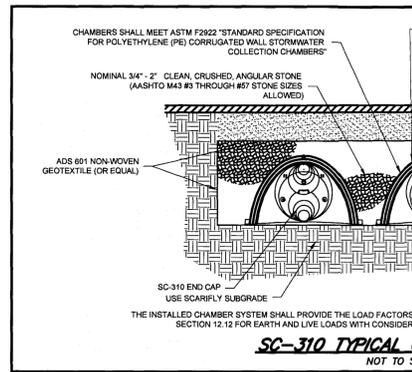
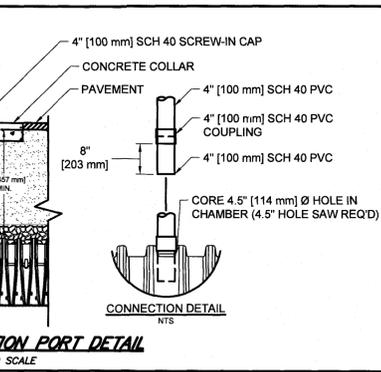
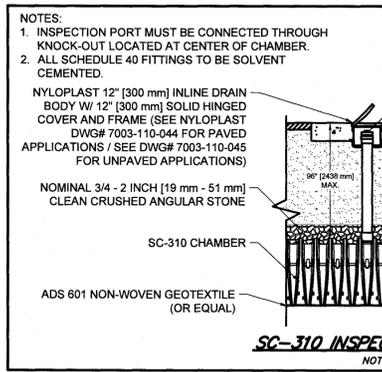
Permanent Pool Volume = 750 US gallons
U.S. Patent No. 6,951,619

Hydroworks, LLC
Hydroworks HQ#1 (48'x24') CB-1
PROJECT: 37 Mohegan Road Unit 13
LEADING: Acton, MA

Rev. DESCRIPTION By Date
1.0 Plan and Profile BS 03/24/2016

Notes:
1. Material: Gray Cast Iron, ASTM A88-03, Class 300.
2. Loading: H20 Highway Loading.
3. Grate shall have 96" x 54" square hole offering a total cover area of 5208 Sq. In. (12.08 Sq. Ft.).
4. Logo cast on surface of grate, 180° apart.
5. Castings supplied without surface coating.

CAMPBELL FOUNDRY COMPANY
Bartons, N.J. 07003
Phone: 973-681-2100 FAX: 973-681-8100
www.campbellfoundry.com
Heavy Duty Inlet Frame and Logo Grate
Pattern Number: 2816



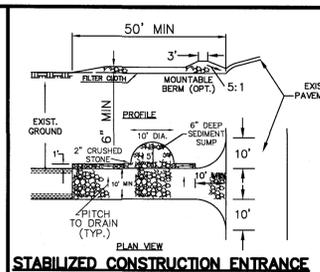
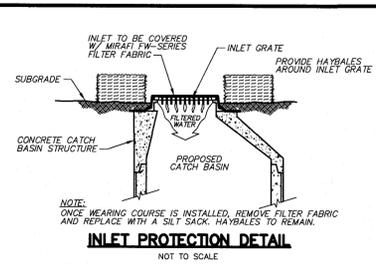
DEFINITIVE PLAN
FOR
MOHEGAN LANE
IN
ACTON, MA
CONSTRUCTION DETAILS

FOR: JEANSON
SCALE: 1"=20'
DATE: MARCH 25, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING

SM-5443 (5443-DEFINITIVE-3.dwg) SHEET 7 OF 8

Professional Engineer Seal: GEORGE DIMAKARAKOS, No. 41281
Professional Engineer Seal: JOSEPH MARCH, No. 36384



- CONSTRUCTION SPECIFICATIONS**
1. THE ENTRANCE OF THE PROPOSED DRIVEWAY SHALL INITIALLY HAVE 6" OF 2" CRUSHED STONE LAID DOWN AS A TRAFFIC SEDIMENT CONTROL SURFACE AS SHOWN IN THE STABILIZED CONSTRUCTION ENTRANCE DETAIL. THIS STONE PACK SHALL BE PLACED OVER THE DRIVEWAY FOR A MINIMUM DISTANCE OF 50 FEET FROM THE EDGE OF PAVEMENT AND SHALL BE REMOVED AND REPLACED WITH ROADWAY GRAVEL IMMEDIATELY PRIOR TO THE PLACEMENT OF PAVEMENT.
 2. STONE SIZE - USE 2" CRUSHED STONE. LARGER STONE MAY BE REQUIRED AND IS TO BE INSTALLED IF CONDITIONS ARE SUCH THAT THE 2-INCH STONE IS NOT PERFORMING AS REQUIRED.
 3. WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS OF INGRESS OR EGRESS.
 4. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACEMENT OF STONE.
 5. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED NEAR CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 7. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS DONE IT SHALL BE DONE ON STABILIZED ENTRANCE WITH STONE AND WHICH DRAINS INTO THE SEDIMENT SUMP AS SHOWN.
 8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

I, CLERK OF THE TOWN OF ACTON, MASSACHUSETTS HEREBY CERTIFY THE NOTICE OF APPROVAL OF THIS PLAN BY THE ACTON PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

DATE: _____
TOWN CLERK: _____

ACTON PLANNING BOARD

DATE: _____

DRAINAGE SYSTEM OPERATION AND MAINTENANCE PLAN

THE IMPLEMENTATION, INSPECTION, AND REPAIR OF THE EROSION CONTROLS IS THE RESPONSIBILITY OF THE SITE CONTRACTOR DURING CONSTRUCTION. THE INSPECTION AND OPERATION OF THE STORM WATER MANAGEMENT SYSTEM IS THE RESPONSIBILITY OF: DURING CONSTRUCTION: APPLICANT - AARON JEANSON 37 MOHEGAN ROAD ACTON, MA 01720

AFTER CONSTRUCTION: INDIVIDUAL HOMEOWNERS

SCHEDULE FOR INSPECTION AND MAINTENANCE:

STREET SWEEPING: THE PAVEMENT SHALL BE SWEEPED OF ALL SEDIMENT ONCE IN THE SPRING AND ONCE IN THE FALL.

DEEP SUMP AND HOODED CATCH BASIN: THE DEEP SUMP FOR THE CATCH BASIN SHALL BE INSPECTED AND CLEANED ANNUALLY. THE CATCH BASIN SHALL HAVE A FOUR FOOT DEEP SUMP AND THE WATER LEVEL IS MAINTAINED BY THE DISCHARGE PIPE AT FOUR FEET. THE DISCHARGE PIPE IS HIDDEN FROM VIEW BY A HOODED OUTLET. THE DEPTH OF THE SEDIMENT IN A BASIN SHALL NOT EXCEED A DEPTH OF 18 INCHES AS DETERMINED BY PROBING WITH A STICK. IF THE STICK HITS THE BOTTOM WITHIN 30 INCHES OF THE WATER LEVEL, MORE THAN 18 INCHES OF SEDIMENT HAS ACCUMULATED AND MUST BE REMOVED. LICENSED PERSONS SHOULD REMOVE AND DISPOSE OF THE CONTENTS OF THE SUMP IN ACCORDANCE WITH APPLICABLE REGULATIONS.

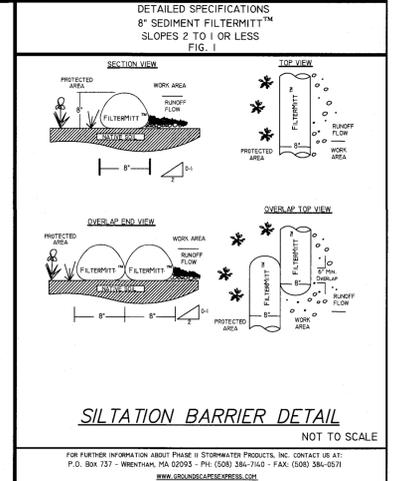
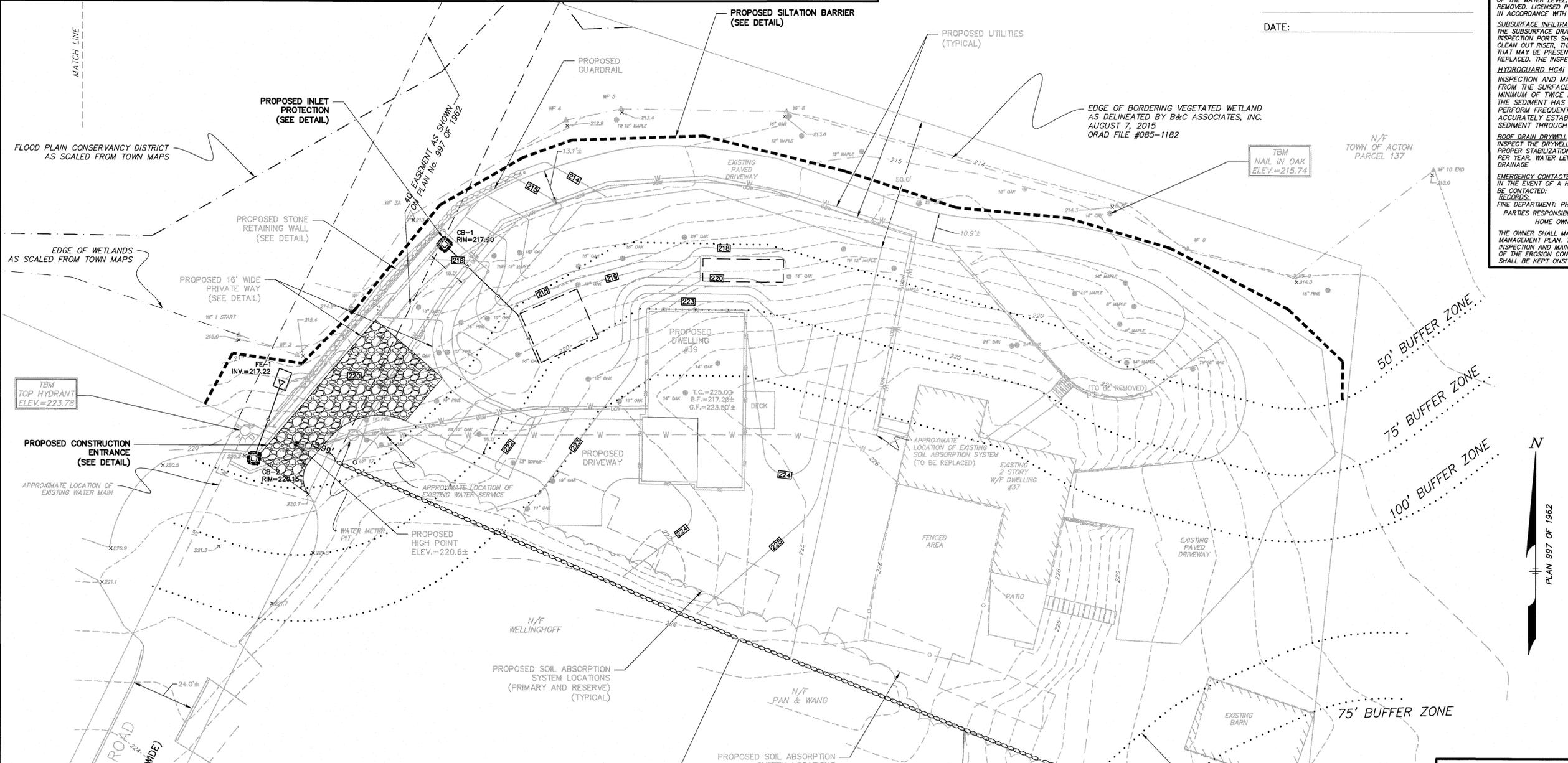
SUBSURFACE INFILTRATION: THE SUBSURFACE DRAINAGE SYSTEM WILL DRAIN COMPLETELY FOLLOWING A STORM EVENT. THE INSPECTION PORTS SHALL BE OPENED AND INSPECTED ANNUALLY. IF WATER IS OBSERVED IN THE CLEAN OUT RISER, THEN CHECK THE OUTLET OF CB-1 FOR CLOGGING. REMOVE ANY DEBRIS THAT MAY BE PRESENT. IF NO DEBRIS IS PRESENT THEN THE SYSTEM MAY NEED TO BE REPLACED. THE INSPECTION SHOULD NOT BE DONE WITHIN 72 HOURS OF A RAIN EVENT.

HYDROGUARD HG4: INSPECTION AND MAINTENANCE OF THE HYDROGUARD CAN BE PERFORMED FROM THE SURFACE, WITHOUT ENTRY INTO THE UNIT. PERFORM MAINTENANCE A MINIMUM OF TWICE PER YEAR. THE HYDROGUARD SHOULD BE CLEANED ONCE THE SEDIMENT HAS REACHED A DEPTH OF TWO FEET IN THE CHAMBER. PERFORM FREQUENT INSPECTIONS DURING THE FIRST YEAR OF INSTALLATION TO ACCURATELY ESTABLISH THE MAINTENANCE SCHEDULE. REMOVE OIL AND SEDIMENT THROUGH THE MANHOLE COVER WITH THE USE OF A VACUUM TRUCK.

ROOF DRAIN DRYWELL: INSPECT THE DRYWELL AFTER EVERY MAJOR STORM FOR THE FIRST FEW MONTHS TO ENSURE PROPER STABILIZATION AND FUNCTION. THEREAFTER, INSPECT AND CLEAN IT AT LEAST ONCE PER YEAR. WATER LEVELS SHOULD BE RECORDED OVER SEVERAL DAYS TO CHECK THE DRYWELL DRAINAGE.

EMERGENCY CONTACTS: IN THE EVENT OF A HAZARDOUS MATERIALS SPILL ON THE SITE THE FOLLOWING PARTIES SHALL BE CONTACTED:
RECORDS:
FIRE DEPARTMENT: PH: 978-264-9645
PARTIES RESPONSIBLE FOR LONG TERM OPERATION/MAINTENANCE:
HOME OWNERS OF LOTS SERVED BY PRIVATE WAY.

THE OWNER SHALL MAINTAIN AN INSPECTION LOG OF ALL ELEMENTS OF THE STORM WATER MANAGEMENT PLAN. THE OWNER SHALL MAINTAIN A MAINTENANCE LOG DOCUMENTING THE INSPECTION AND MAINTENANCE OF THE DRAINAGE STRUCTURES UNDER HIS CONTROL. A COPY OF THE EROSION CONTROL AND STORM WATER MAINTENANCE PLAN AND INSPECTION LOGS SHALL BE KEPT ONSITE AT ALL TIMES.



- EROSION AND SEDIMENTATION CONTROL NOTES**
1. THE LIMITS OF WORK SHALL BE MARKED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION OR SITE CLEARING.
 2. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION ON THE SITE. SILTATION BARRIER AND SILT FENCE SHALL BE PLACED IN ALL AREAS AS SHOWN ON ALL THE PLANS AND IN ANY OTHER AREAS AS DETERMINED NECESSARY DURING CONSTRUCTION.
 3. ALL SOIL STOCKPILES SHALL HAVE EROSION CONTROL MEASURES AROUND THEIR EDGES AT ALL TIMES. SOIL STOCKPILES SHALL BE COVERED WITH TEMPORARY VEGETATION OR FASTENED TAUPAULIN SHEETS.
 4. THE DRAINAGE SYSTEM SHALL BE CONSTRUCTED DURING THE EARLIEST STAGES OF THE PROJECT IN ORDER TO COLLECT RUNOFF AND SEDIMENT.
 5. ALL CATCH BASINS SHALL BE COVERED WITH SILTATION FABRIC DURING CONSTRUCTION. CATCH BASIN RIMS ARE TO BE SET AT BINDER GRADE UNTIL IT IS TIME TO APPLY THE PAVEMENT WEARING COURSE.
 6. ALL CUT AND FILL SLOPES SHALL BE IMMEDIATELY COVERED WITH 6" OF LOAM AND SEEDED DURING THE GROWING SEASON (APRIL 1 TO NOVEMBER 1) OR COVERED WITH HAYMULCH DURING THE NON-GROWING SEASON (NOVEMBER 1 TO APRIL 1). IN AREAS SUBJECT TO THE WETLANDS PROTECTION ACT, THE HAYMULCH AND/OR REQUIRED MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATION IS ESTABLISHED. UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL RECEIVE 6" OF LOAM AND BE SEEDED TO PREVENT EROSION.
 7. THE DRAINAGE BASIN SHALL BE CLEANED FOLLOWING CONSTRUCTION AND ANNUALLY THEREAFTER. UPON ACCUMULATION OF 6" OF SEDIMENT, THE DRAINAGE BASIN SHALL BE CLEANED.
 8. THE SILTATION BARRIER SHALL BE MAINTAINED UNTIL VEGETATIVE COVER HAS BEEN SUITABLY ESTABLISHED AND GRADED SLOPES ARE STABLE.

- INSPECTION/MAINTENANCE:**
9. THE SITE CONTRACTOR IS RESPONSIBLE TO CLEAN UP ANY SEDIMENT WHICH ERODES FROM THE SITE INTO SUMMER STREET OR ADJUTING PROPERTY IMMEDIATELY UPON DISCOVERY.
 10. THE CONTRACTOR SHALL FOLLOW STANDARD PRACTICES AND LOAM AND SEED ALL DISTURBED AREAS FOLLOWING CONSTRUCTION.
 11. OPERATOR PERSONNEL MUST INSPECT THE CONSTRUCTION SITE AT LEAST EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5 INCHES OR MORE. DISTURBED AREAS THAT HAVE BEEN STABILIZED MUST BE INSPECTED AT LEAST ONCE PER MONTH.
 12. THE SILTATION BARRIER SHALL BE MAINTAINED UNTIL VEGETATIVE COVER HAS BEEN SUITABLY ESTABLISHED. GRADED SLOPES ARE STABLE.
 13. ALL CATCH BASIN SUMPS AND MANHOLES SHALL BE CLEANED OUT AFTER CONSTRUCTION.
 14. DURING CONSTRUCTION, THE CONTRACTOR SHALL SPRAY DOWN THE SITE WITH A WATER TRUCK AS NEEDED FOR DUST CONTROL.
 15. DURING CONSTRUCTION THE CONTRACTOR SHALL INSPECT SUMMER STREET AND SWEEP AS NECESSARY.
 16. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL STRUCTURES AND DEVICES THROUGHOUT CONSTRUCTION. ANY EROSION CONTROL DEVICES FOUND TO NO LONGER TO BE SERVICEABLE SHALL BE REMOVED AND REPLACED. ALL ACCUMULATED SEDIMENTS MUST BE REMOVED WHEN DEPOSITS REACH NO MORE THAN ONE HALF THE HEIGHT OF THE SILTATION BARRIER.
 17. THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE LEFT IN UNTREATED OR UNVEGETATED CONDITION FOR A MINIMUM TIME. AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING (7 DAYS IF WITH 100 FEET OF A STREAM, POND OR WETLAND) AND TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL.
 18. TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TO PROTECT THE SITE FROM SPRING RUNOFF PROBLEMS. IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TEMPORARY MULCH OR OTHER METHODS APPROVED BY THE ENGINEER SHALL BE EMPLOYED TO PROTECT THE SITE.
 19. A STOCKPILE OF ADDITIONAL SILT FENCE AND HAYBALES SHALL BE KEPT ONSITE IN ORDER TO BE ABLE TO IMMEDIATELY RESPOND TO ISSUES WHICH MIGHT DEVELOP DURING CONSTRUCTION.

EDGE OF BORDERING VEGETATED WETLAND, AS DELINEATED BY B&C ASSOCIATES, INC. AUGUST 7, 2015 ORAD FILE #085-1182

DEFINITIVE PLAN
FOR
MOHEGAN LANE
IN
ACTON, MA

EROSION AND SEDIMENTATION CONTROL PLAN

FOR: JEANSON
SCALE: 1" = 20'
DATE: MARCH 25, 2016

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASS.
ENGINEERING - PLANNING - SURVEYING

SM-5443 (5443-DEFINITIVE-3.dwg) SHEET 8 OF 8

