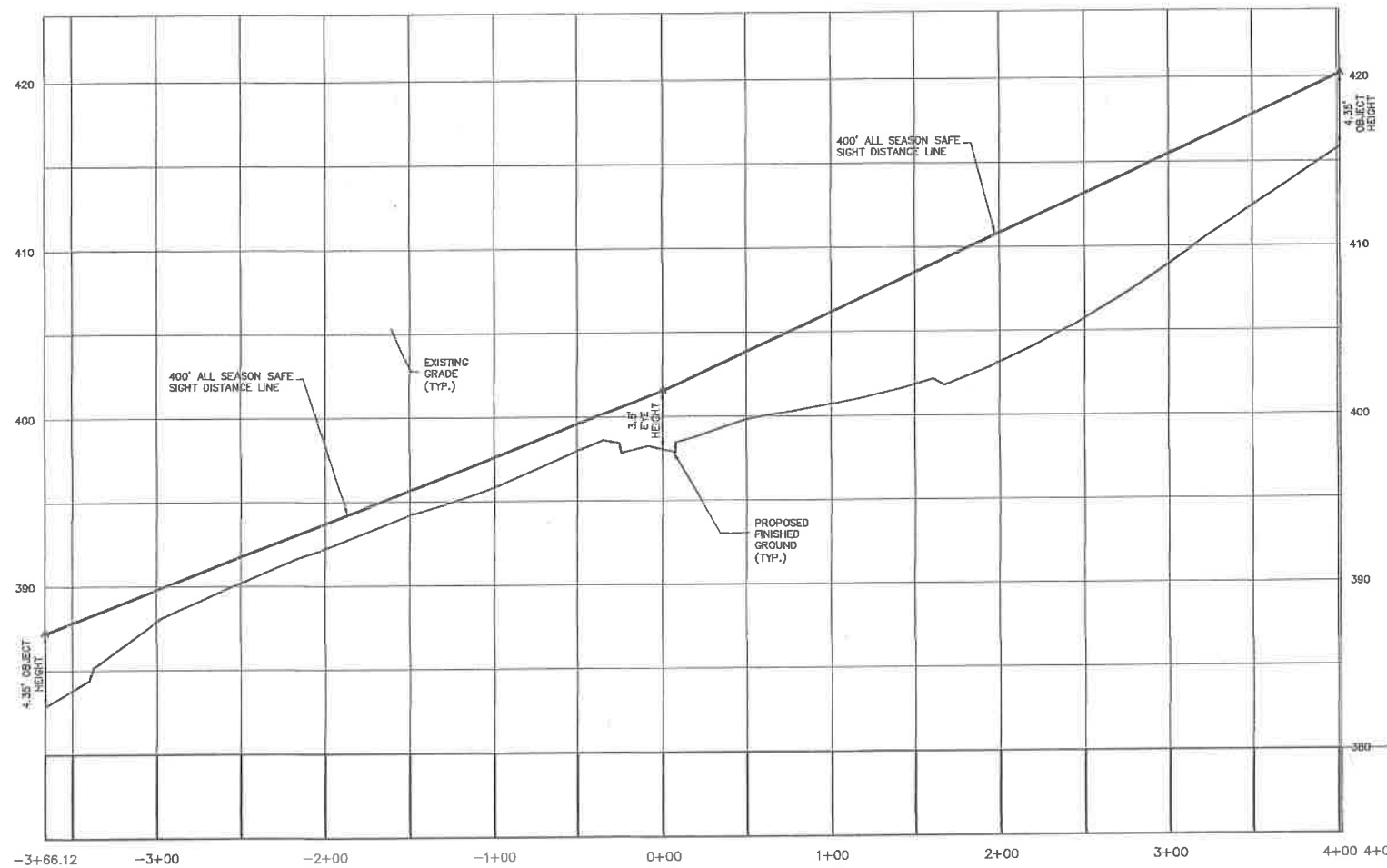
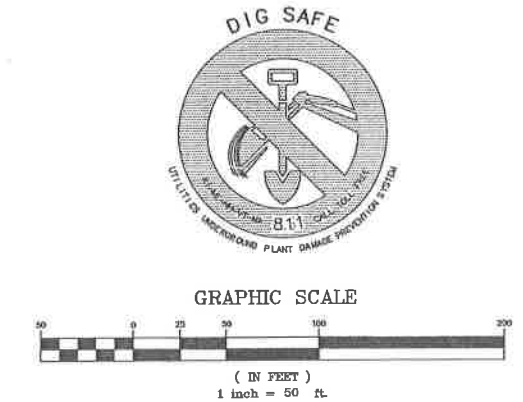


WARREN ROAD SIGHT DISTANCE PLAN
SCALE: 1" = 50'



WARREN ROAD SIGHT DISTANCE PROFILE
SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)



SIGHT DISTANCE PLAN & PROFILE
WARREN ROAD
EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

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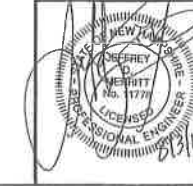
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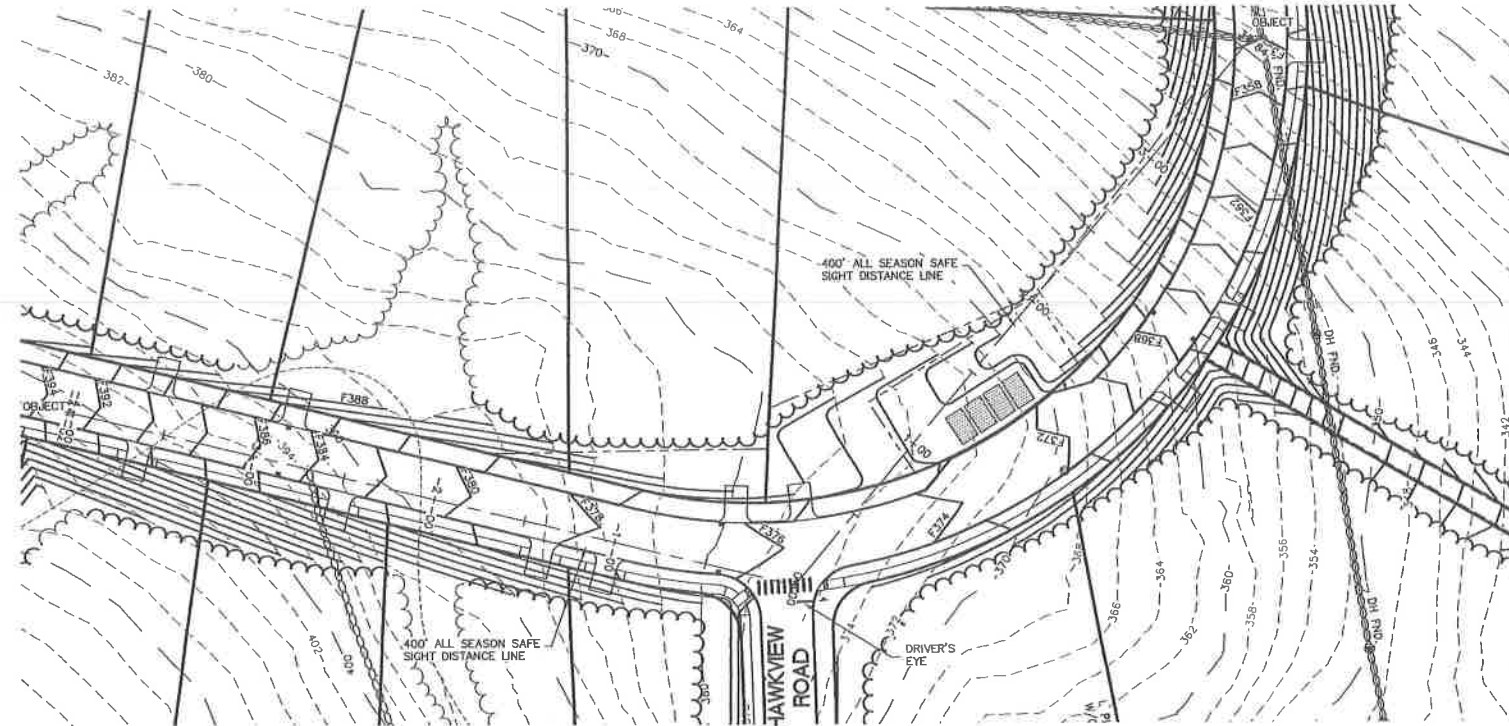
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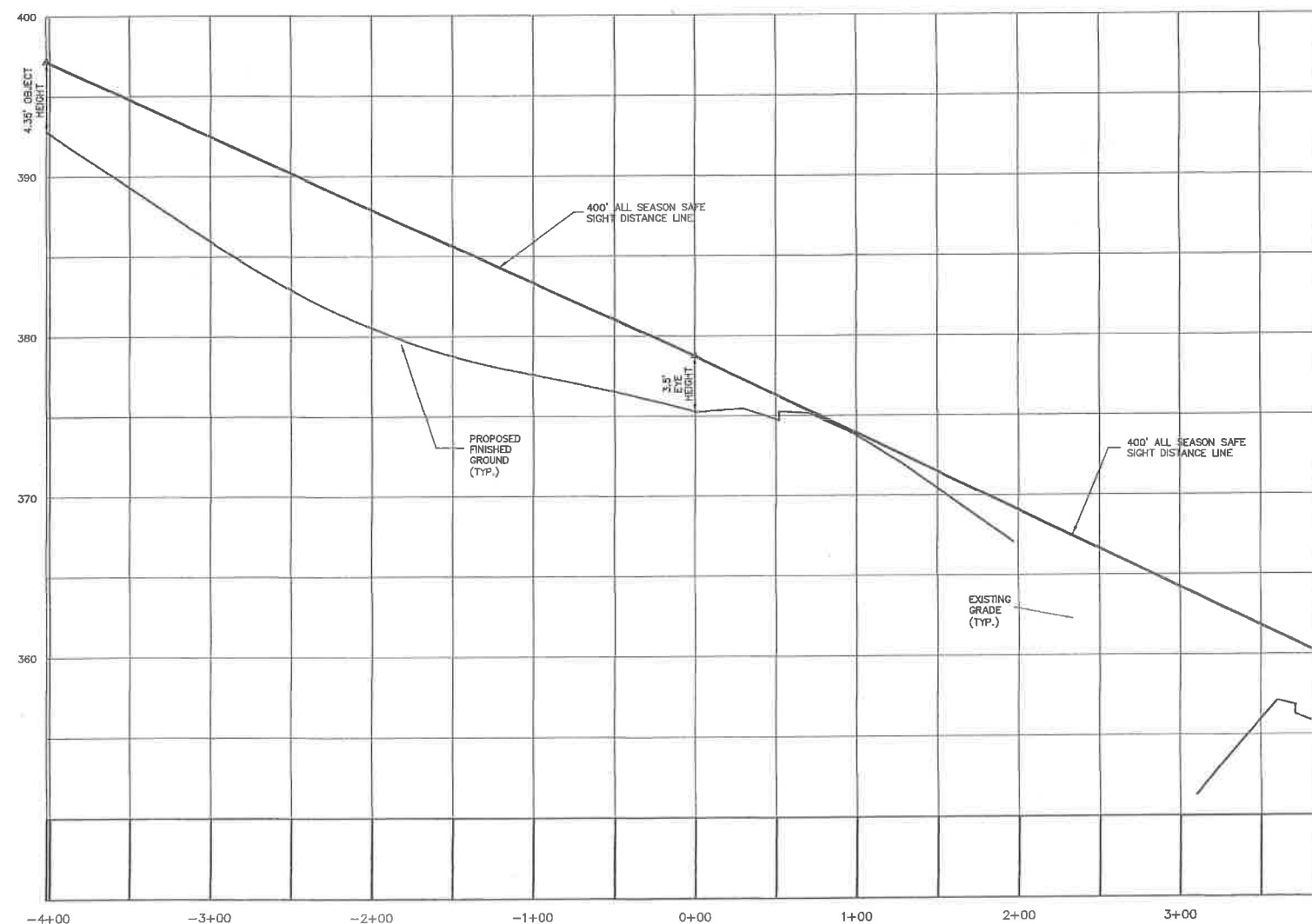


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3	07/27/15	REVISED PER TOWN COMMENTS	JDM

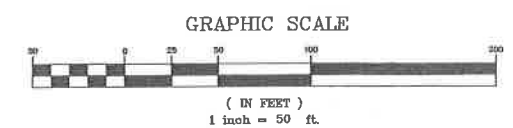
DATE: JANUARY 7, 2015 SCALE: 1" = 50'
PROJECT NO: 11-0202-1 SHEET 60 OF 102



HAWKVIEW ROAD EXTENSION SIGHT DISTANCE PLAN
SCALE: 1" = 50'



HAWKVIEW ROAD EXTENSION SIGHT DISTANCE PROFILE
SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)



SIGHT DISTANCE PLAN & PROFILE
HAWKVIEW ROAD EXTENSION
EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

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DATE: JANUARY 7, 2015
PROJECT NO: 11-0202-1
SCALE: 1" = 50'
SHEET 61 OF 102

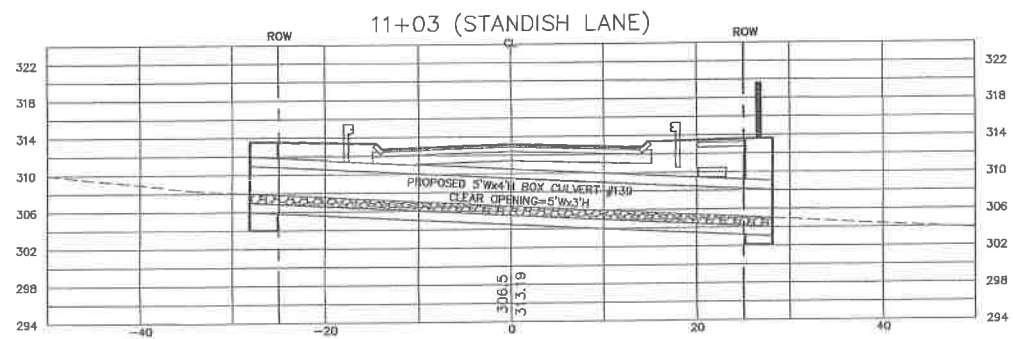
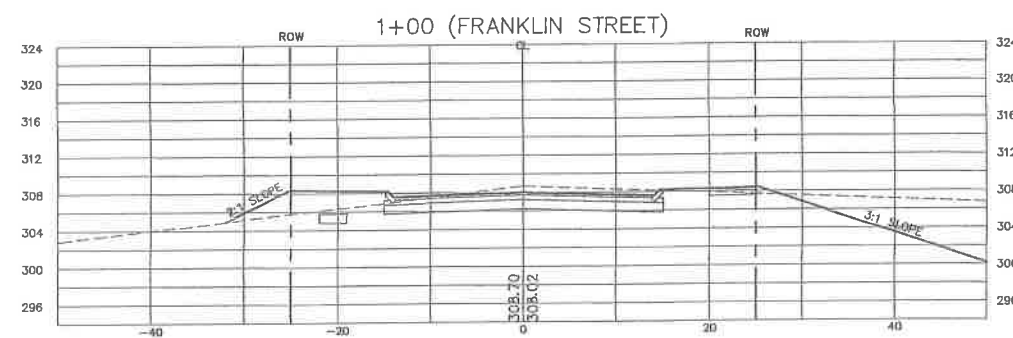
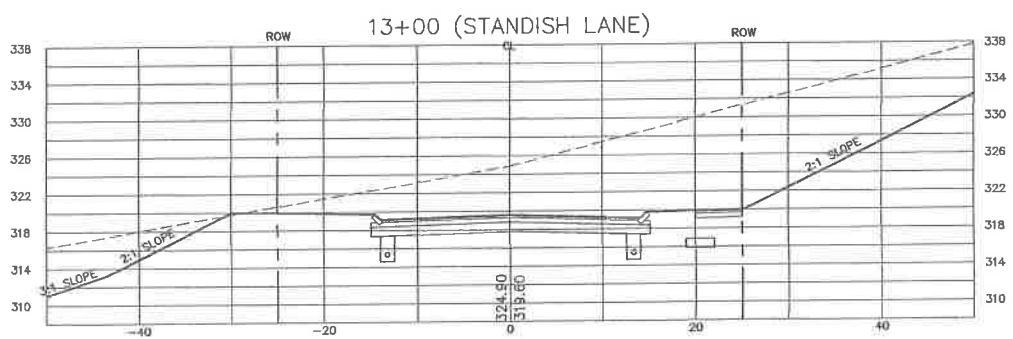
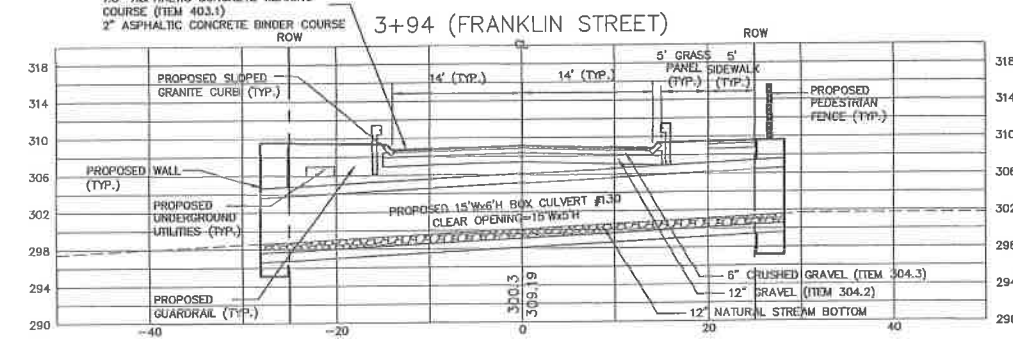
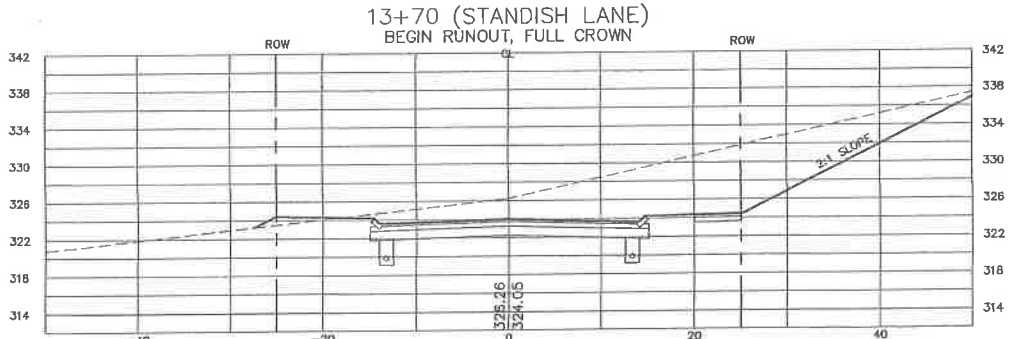
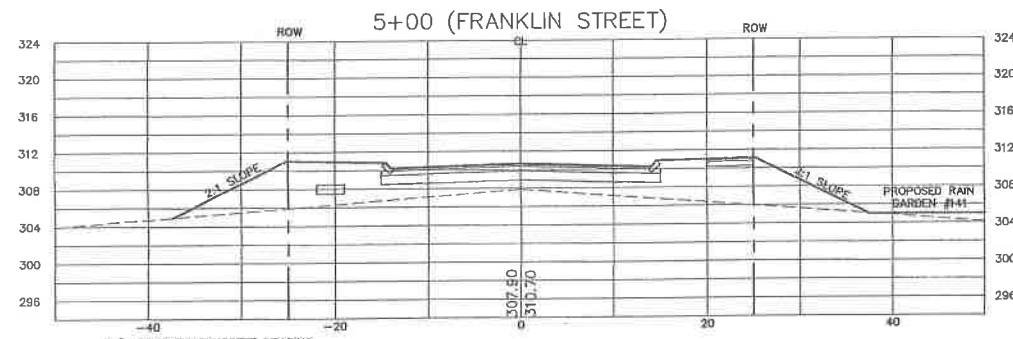
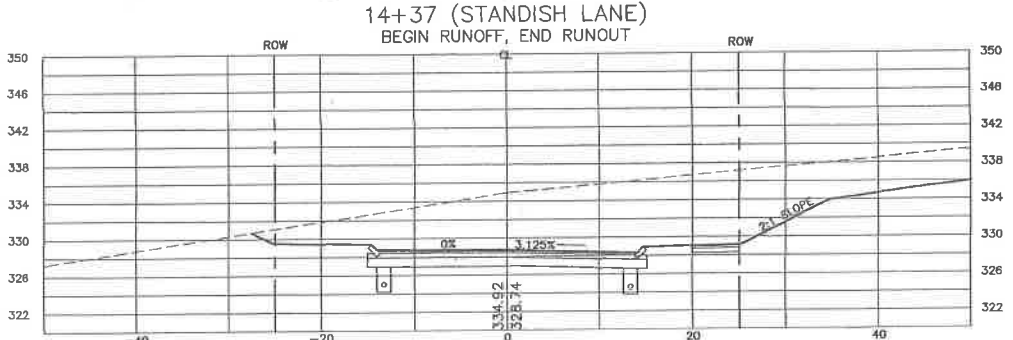
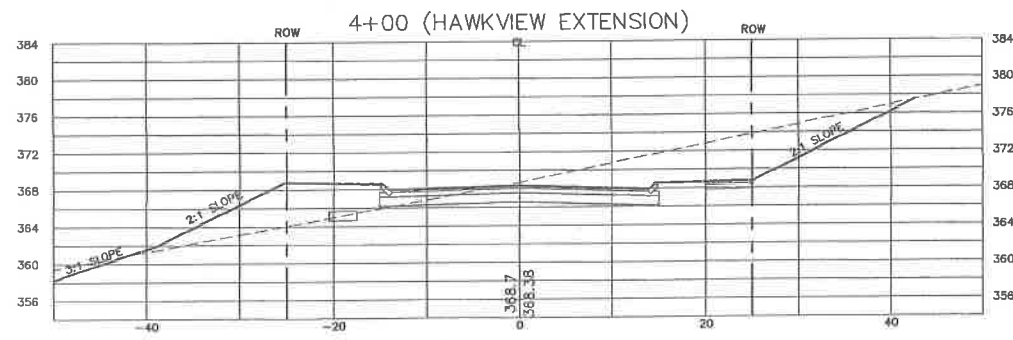
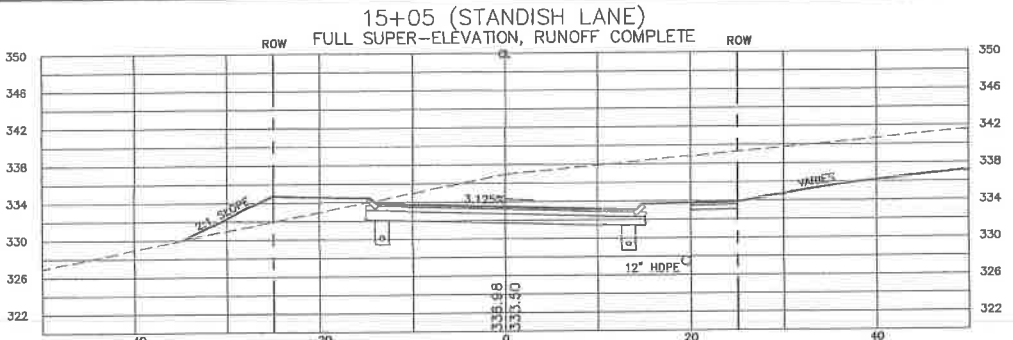
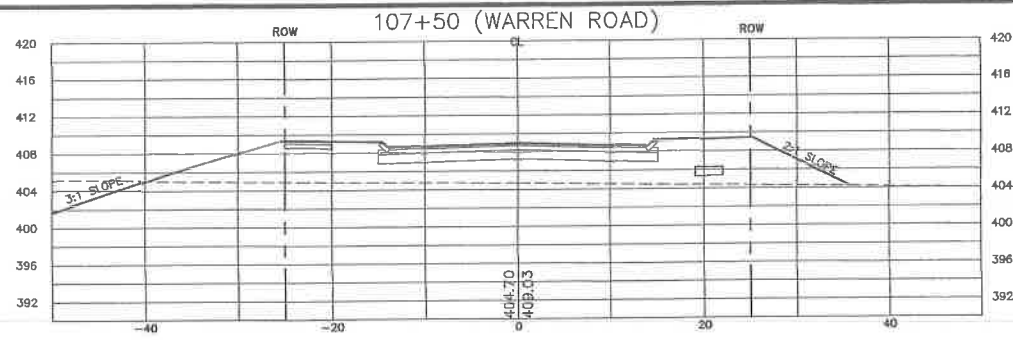
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CROSS SECTIONS

EAGLES NEST ESTATES
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DATE: JANUARY 7, 2015 SCALE: 1" = 10'
 PROJECT NO: 11-0202-1 SHEET 62 OF 102

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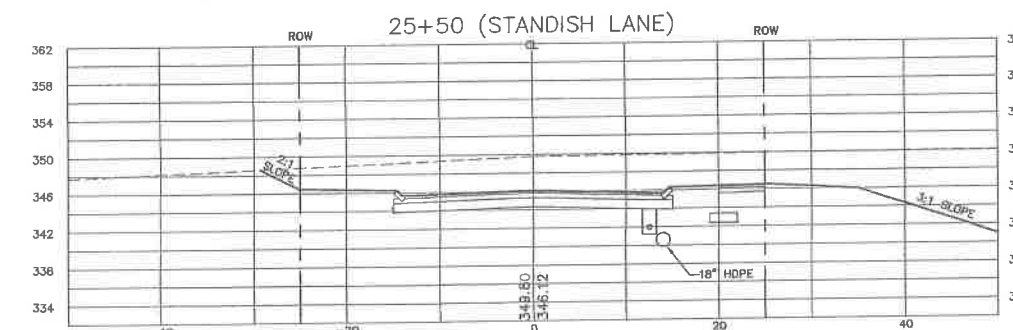
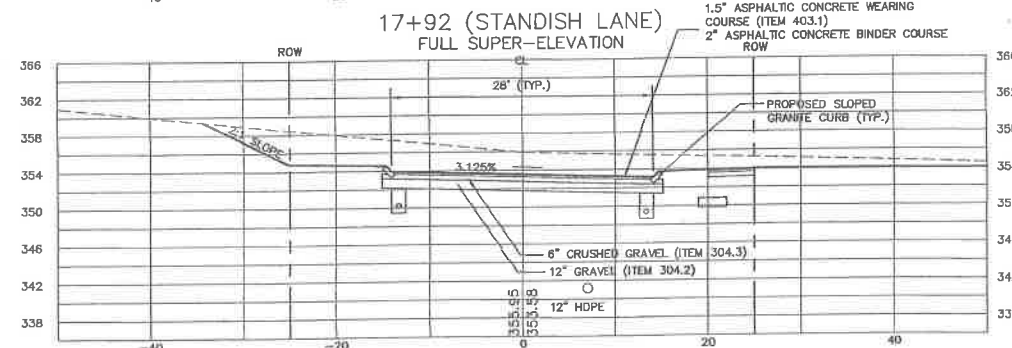
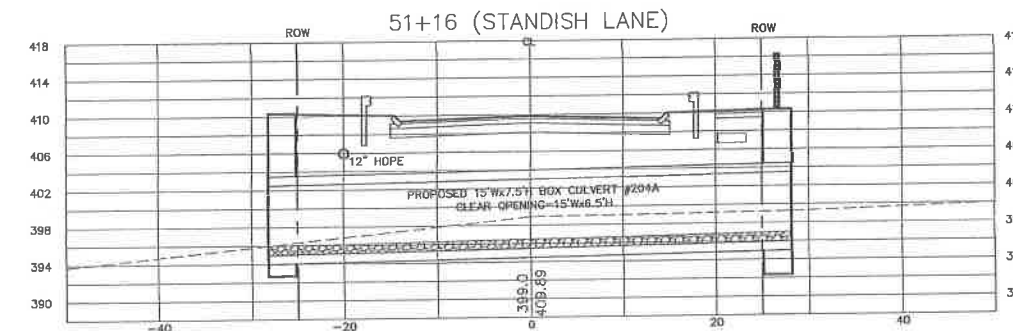
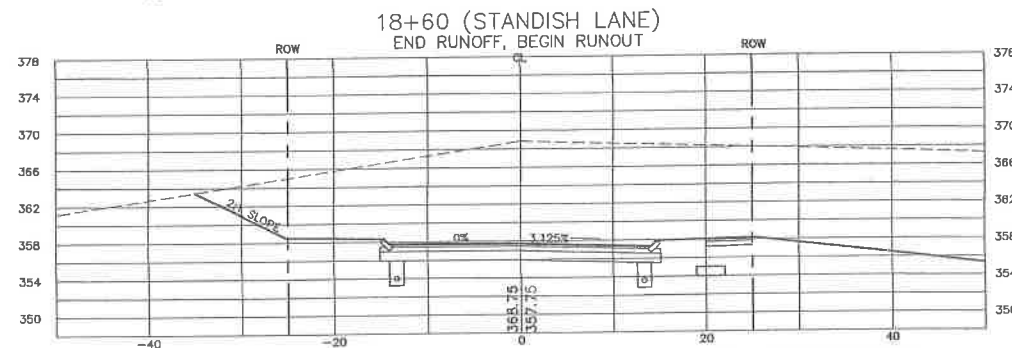
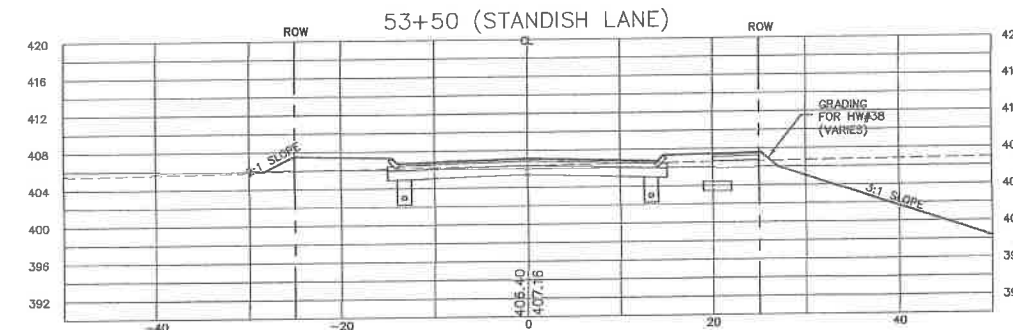
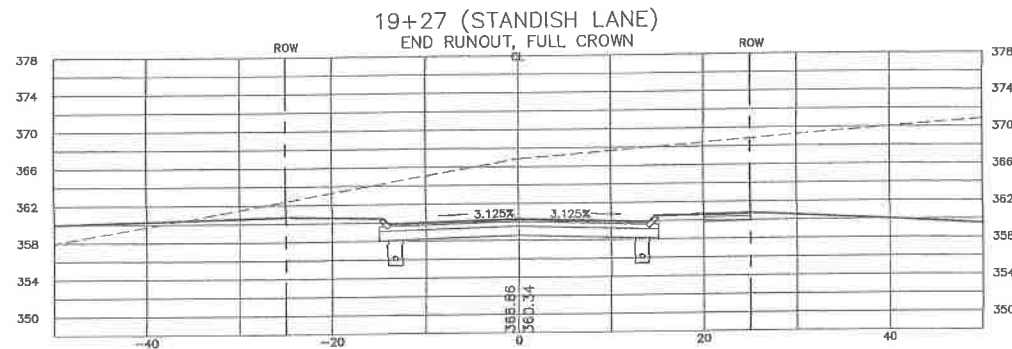
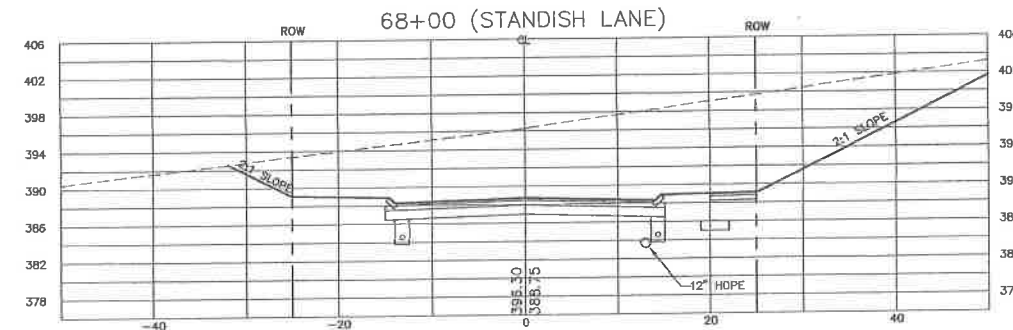
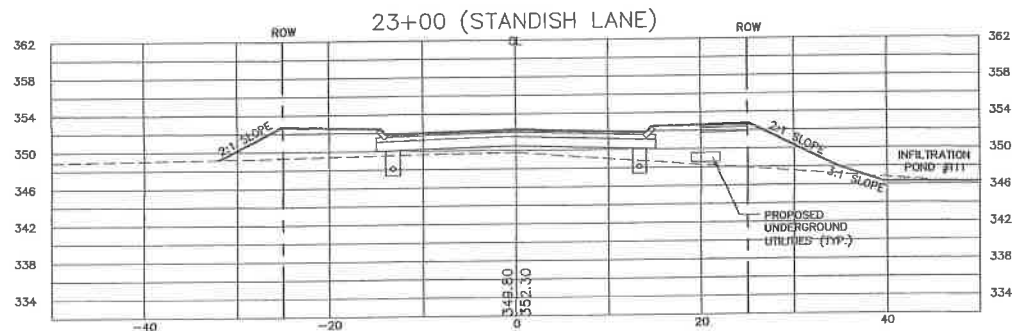
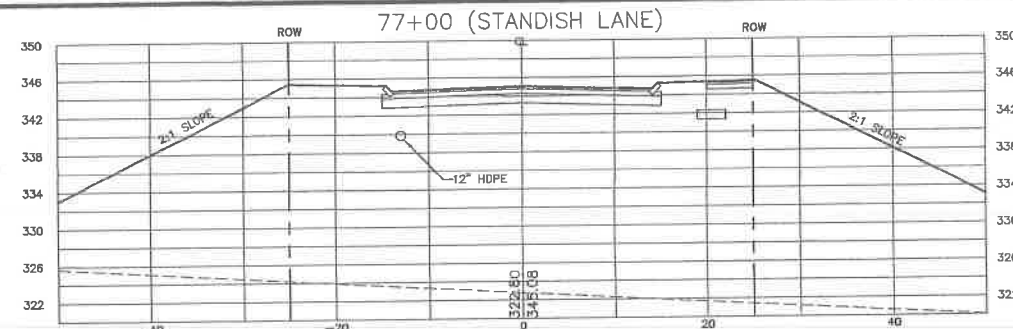
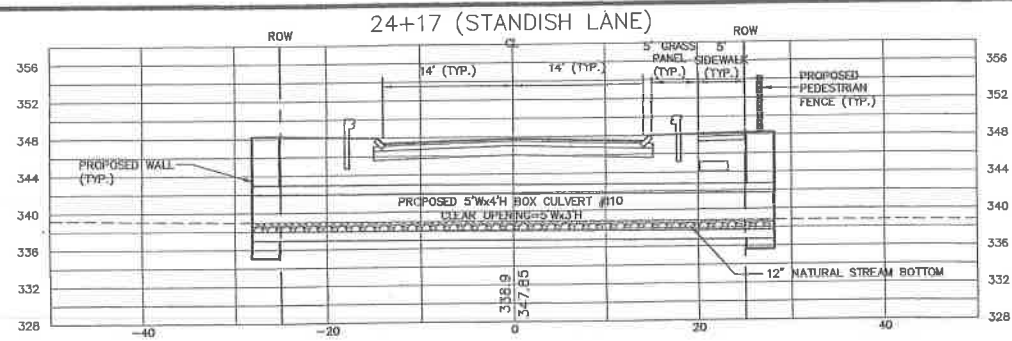
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N:_Proj\110202\110202-1.dwg\110202-1-CROSS-SECTIONS.dwg, C:\GSS-SECTIONS, 7/29/2015 10:10:17 AM, JDM



CROSS SECTIONS

EAGLES NEST ESTATES
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 MAP 195; LOT 1, AND MAP 201; LOT 7
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DATE: JANUARY 7, 2015 SCALE: 1" = 10'
 PROJECT NO: 11-0202-1 SHEET 63 OF 102

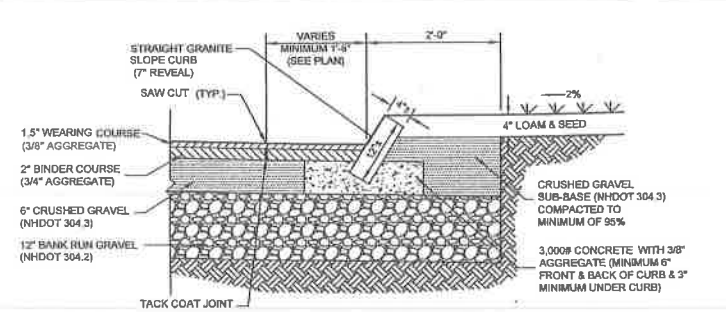
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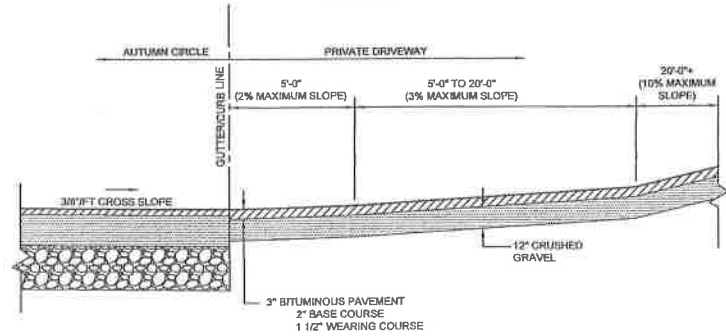
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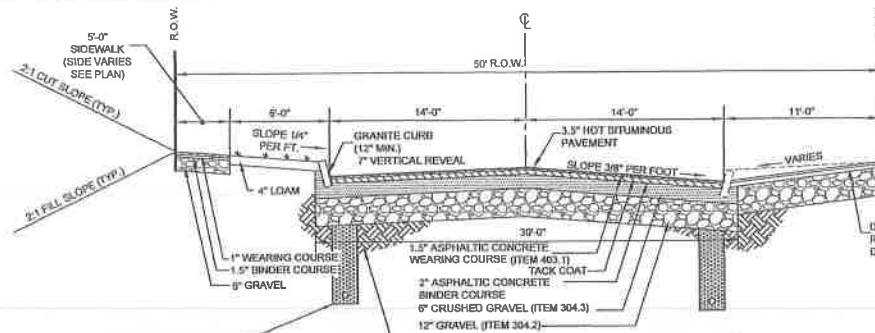
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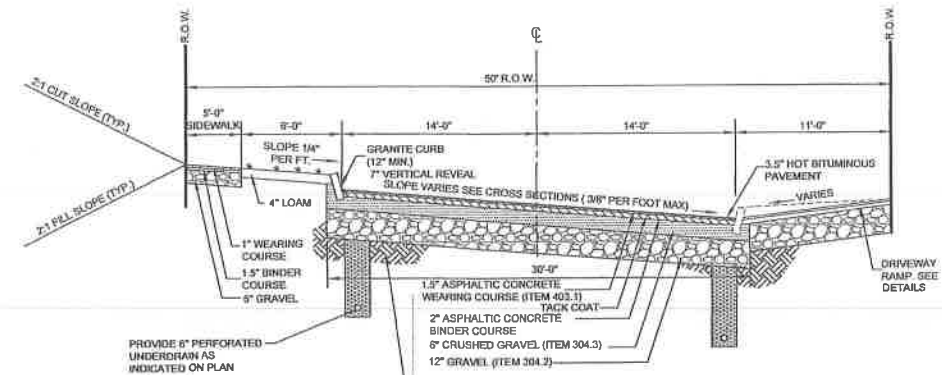
STRAIGHT GRANITE SLOPE CURB DETAIL
NOT TO SCALE
(MARCH 2006)



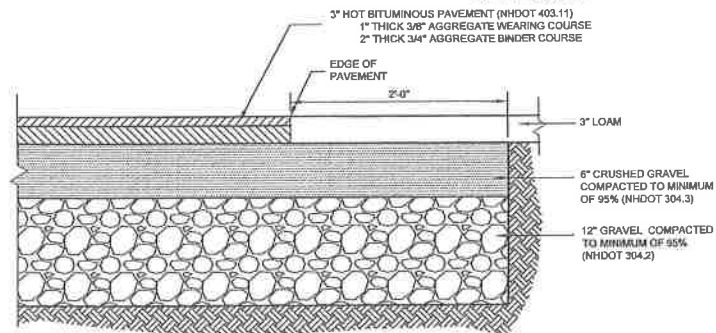
DRIVEWAY CROSS SECTION WITH NO SIDEWALK
NOT TO SCALE



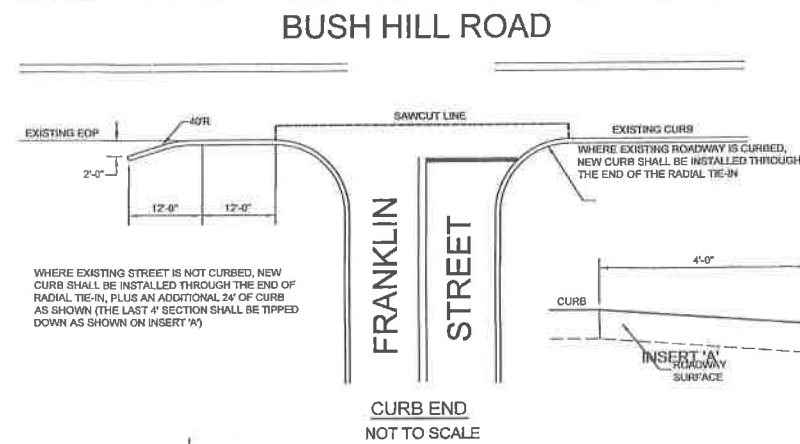
TYPICAL ROADWAY CROSS SECTION FOR FRANKLIN STREET, WARREN ROAD, HAWKVIEW ROAD AND STANDISH LANE (STA. 10+00 - STA. 13+70 AND STA. 19+27 - STA. 83+59.39)
NOT TO SCALE



SUPER-ELEVATED ROADWAY CROSS SECTION FOR STANDISH LANE STA. 13+70 - STA. 19+27
NOT TO SCALE

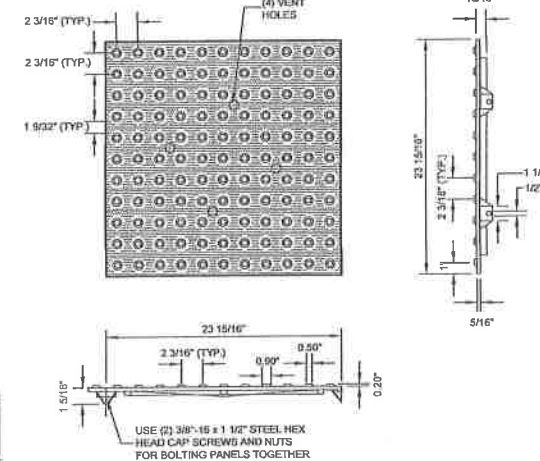


DRIVEWAY APRON SECTION
NOT TO SCALE
(MARCH 2008)

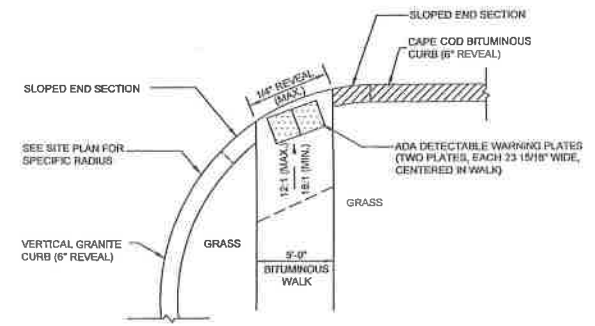


BUSH HILL ROAD

CURB END
NOT TO SCALE



**24\"/>NOT TO SCALE
(MARCH 2009)**



NOTES:
1. SLOPE OF RAMP VARIES WITH SIDEWALK WIDTH AND HEIGHT, WITH A MAXIMUM SLOPE OF 12:1 AND MINIMUM SLOPE 16:1.
2. A BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP SHALL BE USED ON PORTLAND CEMENT CONCRETE RAMPS.
3. MAINTAIN THE NORMAL GUTTER PROFILE THROUGHOUT THE RAMP AREA.
4. INTERCEPT DRAINAGE ALONG THE CURB IN ADVANCE OF THE RAMP.
5. MAINTAIN A MAXIMUM 1/4\"/>

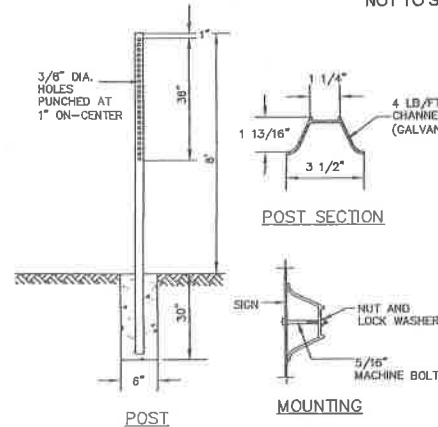
SIDEWALK RAMP (OFF-SITE)
NOT TO SCALE
(MARCH 2008)



WETLAND CONSERVATION DISTRICT BOUNDARY MARKER
NOT TO SCALE
(MARCH 2010)



NOTE:
1. MARKERS SHALL BE PLACED:
A. EVERY 100' ON BOUNDARY LINES BETWEEN RESIDENT LOTS AND OPEN SPACE; AND
B. AT ANY POINT IN WHICH A BOUNDARY LINE CHANGES BEARING DIRECTION.
4\"/>NOT TO SCALE



TYPICAL SIGN POST DETAIL
NOT TO SCALE



INTERSECTION SIGN DETAIL
NOT TO SCALE



TYPICAL SIGN PLATE DETAILS
NOT TO SCALE

CONSTRUCTION DETAILS

EAGLES NEST ESTATES
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PROJECT NO: 11-0202-1 SHEET 64 OF 102

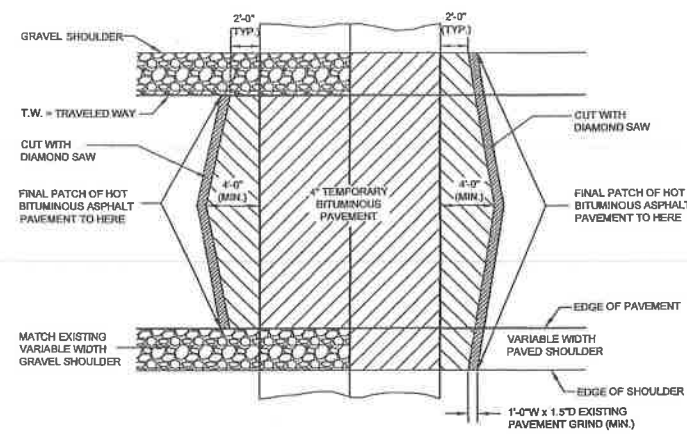
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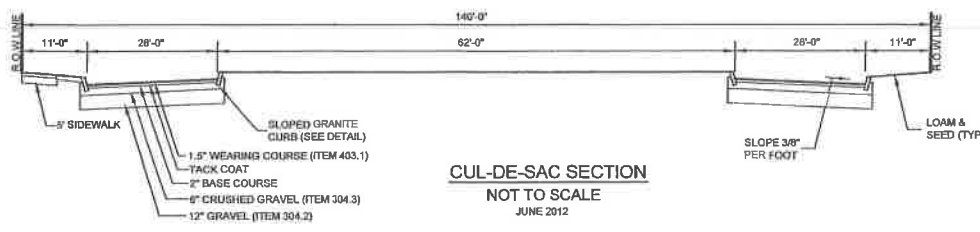
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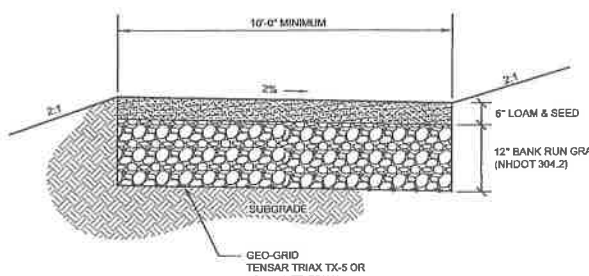
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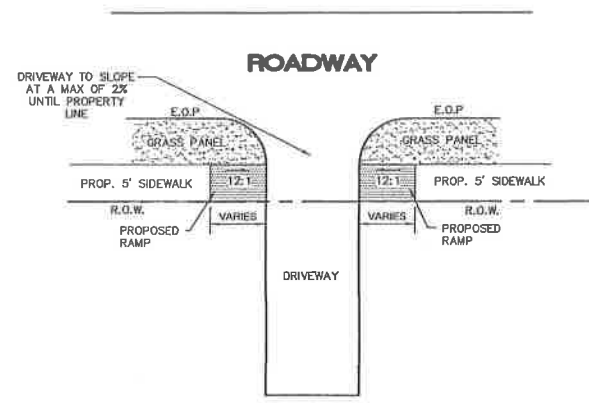
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NOT TO SCALE
(MARCH 2009)



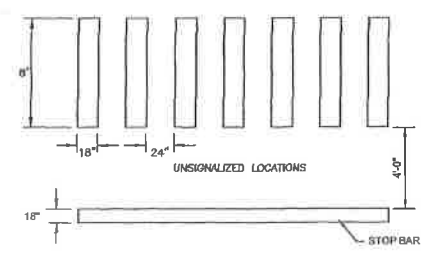
CUL-DE-SAC SECTION
NOT TO SCALE
JUNE 2012



DRAINAGE ACCESS WAY DETAIL
NOT TO SCALE



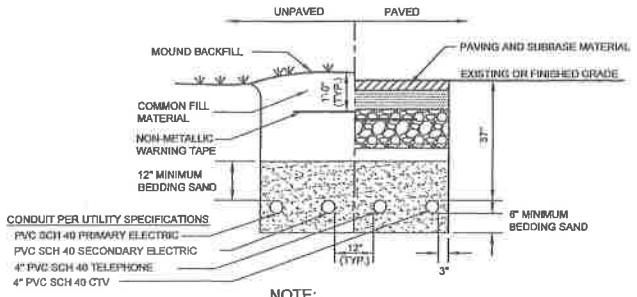
RAMP DETAIL AT DRIVEWAY
NOT TO SCALE



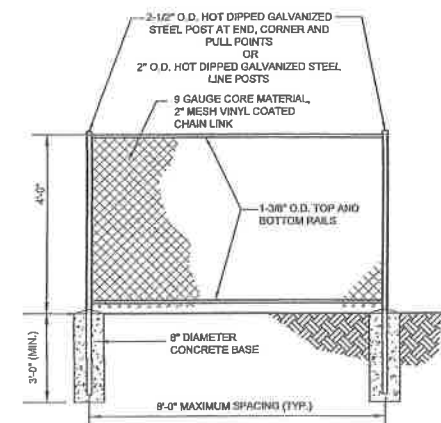
TYPICAL PAVEMENT MARKING DETAILS
NOT TO SCALE



INTERSECTION SIGN DETAIL
NOT TO SCALE



UTILITY TRENCH DETAIL
NOT TO SCALE
(MARCH 2009)



CHAIN LINK FENCE DETAIL
NOT TO SCALE

BEST MANAGEMENT PRACTICES FOR BLASTING

IF MORE THAN 5000 CUBIC YARDS ARE BLASTED: IDENTIFY DRINKING WATER WELLS LOCATED WITHIN 2000 FEET OF THE PROPOSED BLASTING ACTIVITIES. DEVELOP A GROUNDWATER QUALITY SAMPLING PROGRAM TO MONITOR FOR NITRATE AND NITRITE EITHER IN THE DRINKING WATER SUPPLY WELLS OR IN OTHER WELLS THAT ARE REPRESENTATIVE OF THE DRINKING WATER SUPPLY WELLS IN THE AREA. THE PLAN MUST INCLUDE PRE AND POST BLAST WATER QUALITY MONITORING AND BE APPROVED BY NHDES PRIOR TO INITIATING BLASTING. THE GROUNDWATER SAMPLING PROGRAM MUST BE IMPLEMENTED ONCE APPROVED BY NHDES.

- BEST MANAGEMENT PRACTICES FOR BLASTING**
- ALL ACTIVITIES RELATED TO BLASTING SHALL FOLLOW BEST MANAGEMENT PRACTICES (BMPs) TO PREVENT CONTAMINATION OF GROUNDWATER INCLUDING PREPARING, REVIEWING AND FOLLOWING AN APPROVED BLASTING PLAN; PROPER DRILLING, EXPLOSIVE HANDLING AND LOADING PROCEDURES; OBSERVING THE ENTIRE BLASTING PROCEDURES; EVALUATING BLASTING PERFORMANCE; AND HANDLING AND STORAGE OF BLASTED ROCK.
- LOADING PRACTICES.**
THE FOLLOWING BLASTHOLE LOADING PRACTICES TO MINIMIZE ENVIRONMENTAL EFFECTS SHALL BE FOLLOWED:
 - DRILLING LOGS SHALL BE MAINTAINED BY THE DRILLER AND COMMUNICATED DIRECTLY TO THE BLASTER. THE LOGS SHALL INDICATE DEPTHS AND LENGTHS OF VOIDS, CAVITIES, AND FAULT ZONES OR OTHER WEAK ZONES ENCOUNTERED AS WELL AS GROUNDWATER CONDITIONS.
 - EXPLOSIVE PRODUCTS SHALL BE MANAGED ON SITE SO THAT THEY ARE EITHER USED IN THE BOREHOLE, RETURNED TO THE DELIVERY VEHICLE, OR PLACED IN SECURE CONTAINERS FOR OFF SITE DISPOSAL.
 - SPILLAGE AROUND THE BOREHOLE SHALL EITHER BE PLACED IN THE BOREHOLE OR CLEANED UP AND RETURNED TO AN APPROPRIATE VEHICLE FOR HANDLING OR PLACEMENT IN SECURED CONTAINERS FOR OFF SITE DISPOSAL.
 - LOADED EXPLOSIVES SHALL BE DETONATED AS SOON AS POSSIBLE AND SHALL NOT BE LEFT IN THE BLASTHOLES OVERNIGHT, UNLESS WEATHER OR OTHER SAFETY CONCERNS REASONABLY DICTATE THAT DETONATION SHOULD BE POSTPONED.
 - LOADING EQUIPMENT SHALL BE CLEANED IN AN AREA WHERE WASTEWATER CAN BE PROPERLY CONTAINED AND HANDLED IN A MANNER THAT PREVENTS RELEASE OF CONTAMINANTS TO THE ENVIRONMENT.
 - EXPLOSIVES SHALL BE LOADED TO MAINTAIN GOOD CONTINUITY IN THE COLUMN LOAD TO PROMOTE COMPLETE DETONATION. INDUSTRY ACCEPTED LOADING PRACTICES FOR PRIMING, STEMMING, DECKING AND COLUMN RISE NEED TO BE ATTENDED TO.
 - EXPLOSIVE SELECTION.**
THE FOLLOWING BMPs SHALL BE FOLLOWED TO REDUCE THE POTENTIAL FOR GROUNDWATER CONTAMINATION WHEN EXPLOSIVES ARE USED:
 - EXPLOSIVE PRODUCTS SHALL BE SELECTED THAT ARE APPROPRIATE FOR SITE CONDITIONS AND SAFE BLAST EXECUTION.
 - EXPLOSIVE PRODUCTS SHALL BE SELECTED THAT HAVE THE APPROPRIATE WATER RESISTANCE FOR THE SITE CONDITIONS PRESENT TO MINIMIZE THE POTENTIAL FOR HAZARDOUS EFFECT OF THE PRODUCT UPON GROUNDWATER.
 - PREVENTION OF MISFIRES.**
APPROPRIATE PRACTICES SHALL BE DEVELOPED AND IMPLEMENTED TO PREVENT MISFIRES.
 - MUCK PILE MANAGEMENT.**
MUCK PILES (THE BLASTED PIECES OF ROCK) AND ROCK PILES SHALL BE MANAGED IN A MANNER TO REDUCE THE POTENTIAL FOR CONTAMINATION BY IMPLEMENTING THE FOLLOWING MEASURES:
 - REMOVE THE MUCK PILE FROM THE BLAST AREA AS SOON AS REASONABLY POSSIBLE.
 - MANAGE THE INTERACTION OF BLASTED ROCK PILES AND STORMWATER TO PREVENT CONTAMINATION OF WATER SUPPLY WELLS OR SURFACE WATER.
 - SPILL PREVENTION MEASURES AND SPILL MITIGATION.**
PILL PREVENTION AND SPILL MITIGATION MEASURES SHALL BE IMPLEMENTED TO PREVENT THE RELEASE OF FUEL AND OTHER RELATED SUBSTANCES TO THE ENVIRONMENT. THE MEASURES SHALL INCLUDE AT A MINIMUM:
 - THE FUEL STORAGE REQUIREMENTS SHALL INCLUDE:
 - STORAGE OF REGULATED SUBSTANCES ON AN IMPERVIOUS SURFACE.
 - SECURE STORAGE AREAS AGAINST UNAUTHORIZED ENTRY.
 - LABEL REGULATED CONTAINERS CLEARLY AND VISIBLY.
 - INSPECT STORAGE AREAS WEEKLY.
 - COVER REGULATED CONTAINERS IN OUTSIDE STORAGE AREAS.
 - WHEREVER POSSIBLE, KEEP REGULATED CONTAINERS THAT ARE STORED OUTSIDE MORE THAN 50 FEET FROM SURFACE WATER AND STORM DRAINS, 75 FEET FROM PRIVATE WELLS, AND 400 FEET FROM PUBLIC WELLS.
 - SECONDARY CONTAINMENT IS REQUIRED FOR CONTAINERS CONTAINING REGULATED SUBSTANCES STORED OUTSIDE, EXCEPT FOR ON PREMISE USE HEATING FUEL TANKS, OR ABOVEGROUND OR UNDERGROUND STORAGE TANKS OTHERWISE REGULATED.
 - EXCEPT WHEN IN USE, KEEP CONTAINERS CONTAINING REGULATED SUBSTANCES CLOSED AND SEALED.
 - PLACE DRIP PANS UNDER SPIGOTS, VALVES, AND PUMPS.
 - HAVE SPILL CONTROL AND CONTAINMENT EQUIPMENT READILY AVAILABLE IN ALL WORK AREAS.
 - USE FUNNELS AND DRIP PANS WHEN TRANSFERRING REGULATED SUBSTANCES.
 - PERFORM TRANSFERS OF REGULATED SUBSTANCES OVER AN IMPERVIOUS SURFACE.
 - THE TRAINING OF ON SITE EMPLOYEES AND THE ON SITE POSTING OF RELEASE RESPONSE INFORMATION DESCRIBING WHAT TO DO IN THE EVENT OF A SPILL OF REGULATED SUBSTANCES.
 - FUELING AND MAINTENANCE OF EXCAVATION, EARTHMOVING AND OTHER CONSTRUCTION RELATED EQUIPMENT WILL COMPLY WITH THE REGULATIONS OF THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES (NOTE THESE REQUIREMENTS ARE SUMMARIZED IN WD-0103-22-5 BEST MANAGEMENT PRACTICES FOR FUELING AND MAINTENANCE OF EXCAVATION AND EARTHMOVING EQUIPMENT OR ITS SUCCESSOR DOCUMENT.

GROUNDWATER QUALITY SAMPLING PROGRAM

- PRIOR TO ANY BLASTING, THE FOLLOWING SEQUENCE SHALL OCCUR TO ENSURE GROUNDWATER QUALITY FROM THE NEIGHBORING WELLS.
- CONTACT PROPERTIES WITHIN 2000' OF PROJECT TO RECEIVE PERMISSION TO TEST THEIR WELL/DINKING WATER FOR NITRATE AND NITRITE LEVELS. IF THE PROPERTY DOES GRANT PERMISSION, THAT SAID PROPERTY DOES NOT REQUIRE TESTING.
 - COLLECT SAMPLES FROM EACH OF THESE WELLS PRIOR TO BLASTING AND TEST FOR NITRATE AND NITRITE LEVELS. THE OUTSIDE WATER SUPPLY CAN BE USED TO COLLECT THE SAMPLE.
 - SAMPLE 7 TO 14 DAYS AFTER THE INITIAL BLAST AND EVERY 30 DAYS THEREAFTER WHILE BLASTING CONTINUES. CONTINUE TO TEST THE SAMPLES FOR NITRATE AND NITRITE.
 - ALL SAMPLE RESULTS SHOULD BE REPORTED TO NHDES WITHIN 5 BUSINESS DAYS OF RECEIPT. DATA INDICATING A SUBSTANTIAL INCREASE IN NITRATE OR NITRITE CONCENTRATIONS NEEDS TO BE REPORTED TO NHDES IMMEDIATELY AND THE SAMPLING SCHEDULE MAY BE MODIFIED ACCORDINGLY.

CONSTRUCTION DETAILS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10, MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTÉ, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2861

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	05/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 65 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE _____ DATE _____

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SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

TURF ESTABLISHMENT SCHEDULE

PURPOSE:
TO ESTABLISH AND MAINTAIN PERMANENT AND TEMPORARY TURF AREAS, RESTORE GROWTH TO EXISTING TURF AREAS DISTURBED DURING CONSTRUCTION AND CONTROL SOIL EROSION.

PREPARATION AND EXECUTION:

1. RAKE THE SUBGRADE OF ALL AREAS TO BE LOAMED AND SEEDED TO REMOVE RUBBISH, STICKS, ROOTS AND STONES LARGER THAN 1 INCH.
2. PLACE LOAM OVER AREAS TO BE SEEDED AND SPREAD.
3. FINE GRADE SURFACE AND SUPPLEMENT WITH SUITABLE LOAM WHERE NEEDED TO CREATE A UNIFORM SURFACE ACCORDING TO THE FINISH GRADES INDICATED. TOP AND BOTTOM OF SLOPES SHALL BE ROUNDED. NO LOAM SHALL BE SPREAD IF THE SUBGRADE IS EXCESSIVELY WET OR FROZEN.
4. APPLY LIME EVENLY OVER LOAM SURFACE AND THOROUGHLY INCORPORATE THEM INTO THE LOAM BY HEAVY RAKING TO AT LEAST ONE-HALF THE DEPTH OF THE LOAM.
5. APPLY FERTILIZER AND MIX WITH THE UPPER 2 INCHES OF LOAM.
6. DETERMINE APPROPRIATE MIXTURE FOR AREA TO BE SEEDED BASED ON EXAMINATION OF PROJECT PLANS. UNIFORMLY SPREAD THE SEED BY BROADCASTING OR HYDROSEEDING. IF BROADCASTING, LIGHTLY RAKE INTO THE PREPARED SURFACE AND ROLL. IF HYDROSEEDING, USE 4 TIMES THE RECOMMENDED RATE OF INOCULUM. AFTER SEED IS SPREAD, WATER THOROUGHLY WITH A FINE SPRAY.
7. SEEDING FOR PERMANENT COVER SHALL OCCUR BETWEEN SEPTEMBER 15 AND OCTOBER 15 AND BETWEEN APRIL 15 AND JUNE 15. SEEDING SHALL NOT BE DONE DURING WINDY WEATHER, WHEN THE GROUND IS FROZEN OR EXCESSIVELY WET OR OTHERWISE UNTILLABLE.
8. WITHIN 24 HOURS AFTER SEEDING OPERATION, UNIFORMLY MULCH THE AREA WITH HAY. ANCHOR MULCH ON ALL SLOPES EXCEEDING 3:1 USING MULCH NETTING INSTALLED IN ACCORDANCE WITH THE MANUFACTURER.
9. PROTECT AND PREVENT AGAINST WASHOUTS, ANY WASHOUTS WHICH OCCUR SHALL BE PROMPTLY REGRADED AND RESEEDED.
10. WHEN IT IS IMPRACTICAL TO ESTABLISH PERMANENT GROWTH ON DISTURBED EARTH BY OCTOBER 15, A TEMPORARY SEED MIXTURE SHALL BE USED. WHEN TEMPORARY SEEDING CANNOT ESTABLISH VISIBLE GROWTH, THE DISTURBED AREA SHALL BE COVERED WITH SIX INCHES OF MULCH FOR THE WINTER.

MAINTENANCE:

ALL SEEDED AREAS SHALL BE KEPT WATERED AND IN GOOD CONDITION. RESEED AS NECESSARY TO ESTABLISH HEALTHY UNIFORM GROWTH OVER THE ENTIRE SEEDED AREA. MAINTAIN SEEDED AREAS IN AN APPROVED CONDITION UNTIL FINAL ACCEPTANCE. MAINTENANCE SHALL INCLUDE REPAIRS FOR DAMAGE CAUSED BY EROSION.

APPLICATION RATES:

1. LOAM SHALL BE APPLIED AT A MINIMUM COMPACTED THICKNESS OF 4 INCHES.
2. LIME SHALL BE APPLIED AT A RATE OF 75 TO 100 POUNDS PER 1,000 S.F.
3. FERTILIZER SHALL BE APPLIED AT A RATE OF 30 POUNDS PER 1,000 S.F.
4. SEED MIXTURE FOR LAWN AREAS SHALL BE APPLIED AT A RATE OF AT LEAST 80 POUNDS PER ACRE OR 2 POUNDS PER 1,000 S.F.
5. TEMPORARY SEED MIXTURE SHALL BE APPLIED AT A RATE OF 2 POUNDS PER 1,000 S.F.
6. SEED MIXTURE FOR SLOPE AREAS SHALL BE APPLIED AT A RATE OF 80 POUNDS PER ACRE OR 2 POUNDS PER 1,000 S.F.
7. SEED MIXTURE FOR STORMWATER MANAGEMENT AREAS SHALL BE APPLIED AT A RATE OF 70 POUNDS PER ACRE OR 1.8 POUNDS PER 1,000 S.F.
8. MULCH SHALL BE APPLIED AT A RATE OF 90 POUNDS PER 1,000 S.F.

MATERIALS:

1. LOAM USED FOR TOPSOIL SHALL BE FRIABLE, FERTILE, NATURAL FREE-DRAINING LOAM; FREE OF ROOTS, GRASS, STICKS, WEEDS, CLAY, SOD LUMPS, DEBRIS AND STONES LARGER THAN 1 INCH IN ANY DIMENSION. SOIL SHALL NOT BE EXCESSIVELY ACID OR ALKALINE AND CONTAIN NO TOXIC MATERIALS.
2. LIME SHALL BE GROUND LIMESTONE CONTAINING NO LESS THAN 95% CALCIUM AND MAGNESIUM CARBONATES.
3. FERTILIZER SHALL BE 10-20-20 COMMERCIAL GRADE.
4. SEED MIXTURE FOR LAWN AREAS SHALL BE 95% PURE LIVE SEED AND CONSIST OF THE FOLLOWING:
25% CREEPING RED FESCUE
25% KENTUCKY BLUEGRASS
25% REDTOP
25% MANHATTAN PERENNIAL RYEGRASS
5. TEMPORARY SEEDING MIXTURE SHALL BE AN APPROVED CONSERVATION MIX OR CONSIST OF THE FOLLOWING:
15% BLACKWELL OR SHELTER SWITCHGRASS
30% NIAGRA OR KAW BIG BLUESTEM
30% CAMPER OR BLAZE SAND LITTLESTEM
15% NE-27 OR BLAZE SAND LOVEGRASS
10% KING BIRDSFOOT TREFLOIL
INOCULUM SPECIFIC TO BIRDSFOOT TREFLOIL MUST BE USED WITH THIS MIXTURE. IF SEEDING BY HAND, A STICKING AGENT SHALL BE USED. IF SEEDING WITH A HYDROSEEDER, USE FOUR TIMES THE RECOMMENDED AMOUNT OF INOCULUM.
6. SEED MIXTURE FOR SLOPE AREAS SHALL BE 95% PURE LIVE SEED AND SHALL CONSIST OF THE FOLLOWING:
30% CREEPING RED FESCUE
40% PERENNIAL RYE GRASS
15% REDTOP
15% BIRDSFOOT TREFLOIL
*IN ADDITION TO THE MIX SPECIFIED ABOVE, CROWN VETCH SHALL BE USED ON ALL SLOPES STEEPER THAN 3:1. CROWN VETCH SHALL BE APPLIED AT A RATE OF 10 POUNDS PER ACRE AND INOCULUM SPECIFIC TO CROWN VETCH MUST BE USED.
7. SEED MIXTURE FOR STORMWATER MANAGEMENT AREAS, INCLUDING DETENTION BASINS AND VEGETATED TREATMENT SWALES SHALL CONSIST OF THE FOLLOWING:
25% CREEPING RED FESCUE
15% SWITCH GRASS
15% FOX SEDGE
15% CREEPING BENTGRASS
10% FLATPEA
20% WILDFLOWER VARIETY
8. HAY USED FOR MULCH SHALL CONSIST OF MOWED AND PROPERLY CURED GRASS OR LEGUME MOWINGS, FREE FROM WEEDS, TWIGS, CLAY OR OTHER DELETERIOUS MATERIAL AND ROT OR MOLD.

CONSTRUCTION DETAILS

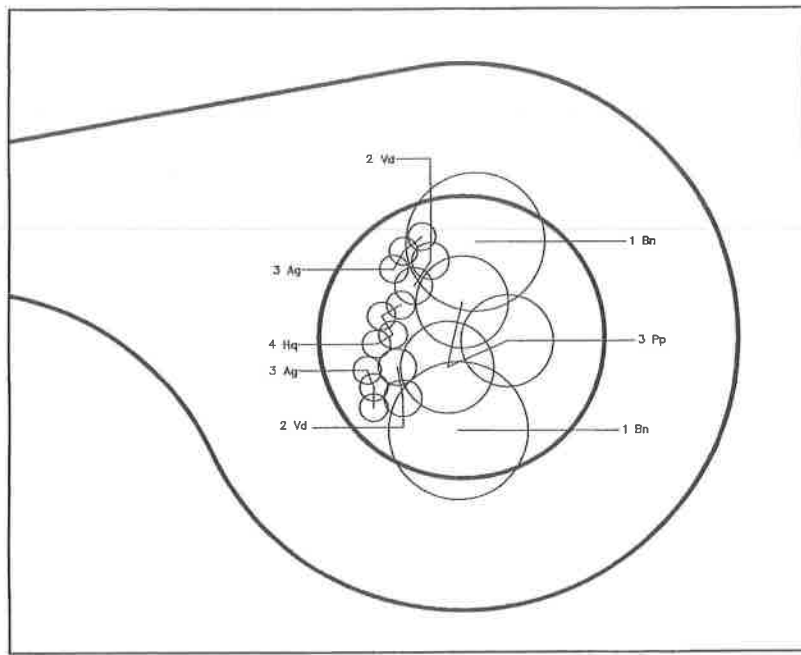
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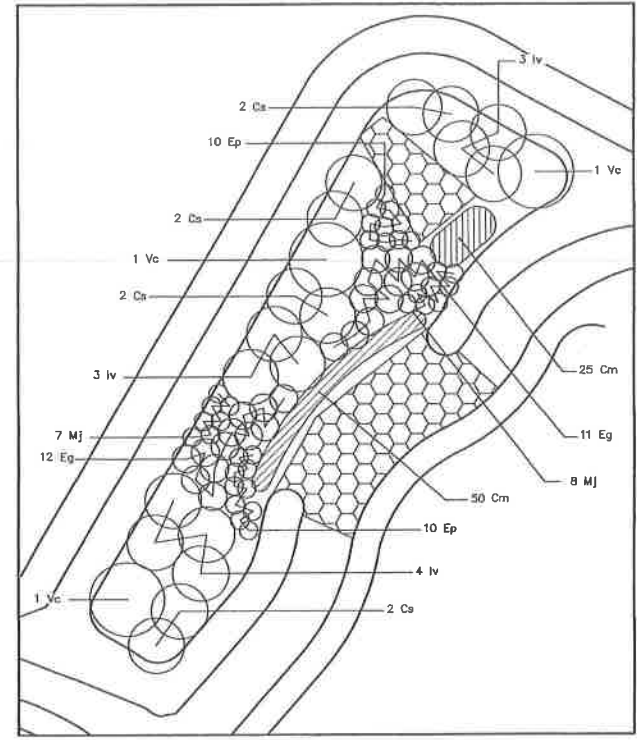
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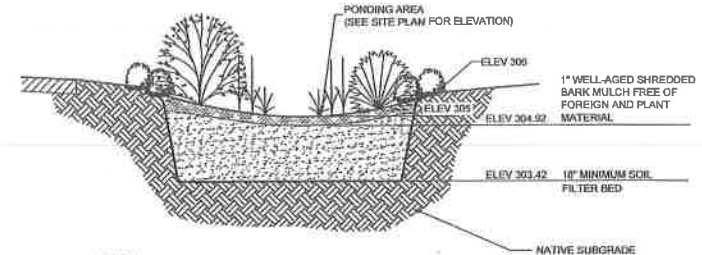
DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 66 OF 102



TYPICAL CUL-DE-SAC PLANTING PLAN
SCALE: 1" = 20'



RAIN GARDEN PLANTING PLAN
SCALE: 1" = 10'



NOTE:
THIS SYSTEM SHALL NOT BE IN SERVICE UNTIL THE SPECIFIED PLANTINGS ARE INSTALLED AND THE CONTRIBUTING SURFACE AREA IS STABILIZED.

COMPONENT MATERIAL	PERCENT OF MIXTURE BY VOLUME	GRADATION OF MATERIAL	
		SIEVE NO.	PERCENT BY WEIGHT PASSING STANDARD SIEVE
FILTER MEDIA OPTION A			
ASTM C-33 CONCRETE SAND	50 TO 55		
LOAMY SAND TOPSOIL, WITH FINES AS INDICATED	20 TO 30	200	15 TO 25
MODERATELY FINE SHREDED BARK OR WOOD FIBER MULCH, WITH FINES AS INDICATED	20 TO 30	200	<5
FILTER MEDIA OPTION B			
MODERATELY FINE SHREDED BARK OR WOOD FIBER MULCH, WITH FINES AS INDICATED	20 TO 30	200	<5
LOAMY COARSE SAND	70 TO 80	10	85 TO 100
		20	70 TO 100
		60	15 TO 40
		200	8 TO 15

RAIN GARDEN #141 POND SECTION
NOT TO SCALE
JUNE 2012

CUL-DE-SAC PLANT LIST

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE
TREES				
Bn	2	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	2-2.5' CAL
Pp	3	PICEA PUNGENS	COLORADO SPRUCE	5-6' B&B
SHRUBS				
Hq	4	HYDRANGEA QUERCIFOLIA 'RUBY SUPPERS'	RUBY SUPPERS OAKLEAF HYDRANGEA	2-2.5'
Ra	6	RHOODENDRON 'AGLO'	AGLO RHODODENDRON	2-2.5' B&B
Vd	4	VBURNUM DENTATUM	ARROWWOOD VBURNUM	2-2.5' B&B

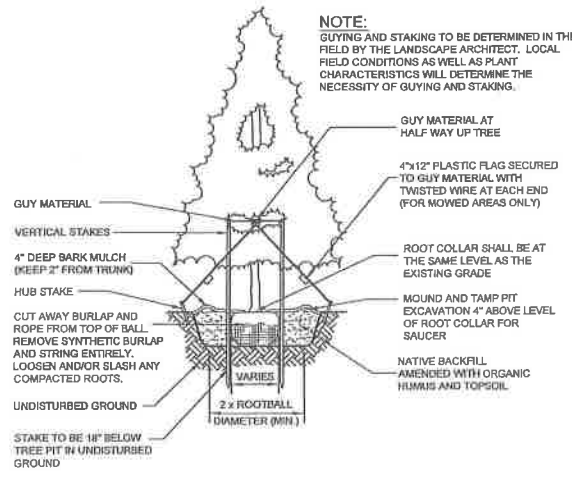
RAIN GARDEN PLANT LIST

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE
SHRUBS				
Cs	8	CORNUS SERICEA 'ALLEMAN'S COMPACT'	ALLEMAN'S COMPACT DOGWOOD	2-2.5'
Iv	10	ILEX VERTICILLATA 'RED SPRITE'	RED SPRITE WINTERBERRY	2-2.5'
Vc	3	VBURNUM CASSINOIDES	WITHERED VBURNUM	2-2.5' B&B
PERENNIALS				
Cm	75	CAREX M. 'SILVER SCEPTRE'	SILVER SCEPTRE SEDGE	#1
Eg	23	EUPATORIUM 'GATEWAY'	GATEWAY JOE PYE WEED	#1
Ep	20	ECHINACEA 'PURPUREA'	PURPLE CONEFLOWER	#1
Mj	0	MONARDA 'JACOB KLINE'	JACOB KLINE BEE BALM	#1

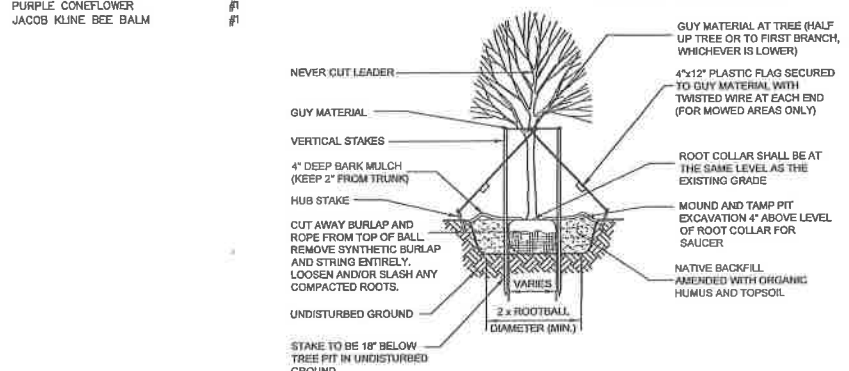
NOTE:
GUYING AND STAKING TO BE DETERMINED IN THE FIELD BY THE LANDSCAPE ARCHITECT. LOCAL FIELD CONDITIONS AS WELL AS PLANT CHARACTERISTICS WILL DETERMINE THE NECESSITY OF GUYING AND STAKING.

LANDSCAPE NOTES:

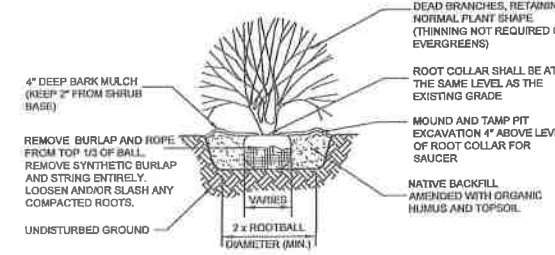
1. ALL PLANT MATERIALS USED SHALL BE NURSERY STOCK AND SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF INSTALLATION. ANY MATERIAL WHICH DIES OR DOES NOT SHOW HEALTHY APPEARANCE WITHIN THIS TIME SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE; WITH SAME WARRANTY REQUIREMENTS AS THE ORIGINAL. WARRANTIES TYPICALLY DO NOT COVER LOSS DUE TO INSECT INFESTATION OR MECHANICAL DAMAGE (I.E. SNOW STORAGE).
2. IF THE SOIL CONDITIONS ARE EXTREMELY SANDY, ALL TREES SHALL HAVE A 6" LAYER OF COMPACTED TOPSOIL PLACED IN THE BASE OF THE PLANT PIT AS A MOISTURE RETENTION LAYER. THE PLANT PIT SIDEWALLS SHALL BE OVER EXCAVATED BY AN ADDITIONAL 12" BEYOND THE NORMAL OUTSIDE RADIUS OF THE HOLE. A TOPSOIL MIXTURE SHALL BE USED TO BACKFILL THE HOLE AS FOLLOWS: ORGANIC TOPSOIL, AMENDED WITH 10% WOOD ASH, 10% MANURE, 30% PEATMOSS AND A GRANULAR HYDROGEL TO ABSORB AND RETAIN WATER.
3. PLANTING BEDS AND SAUCERS SHALL RECEIVE A 4" MINIMUM THICKNESS OF PINE/HEMLOCK BARK MULCH OVER A 5oz. POLYPROPYLENE WEED CONTROL FABRIC.
4. PAVEMENT AND ROAD BASE MATERIAL ENCOUNTERED IN ANY LAWN OR PLANTING BED SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SUITABLE AMENDED SOIL INSTALLED AS SPECIFIED IN THE TURF ESTABLISHMENT SCHEDULE.
5. ALL STREET TREES SHALL BE PLANTED A MINIMUM OF 5'-0" BEHIND THE EDGE OF THE SIDEWALK.
6. ALL LANDSCAPE MATERIAL INSTALLATION, AND MAINTENANCE SHALL BE IN ACCORDANCE WITH SECTION 650 OF THE CITY OF MANCHESTER CONSTRUCTION STANDARDS.



EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE
(JANUARY 2012)



DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE
(JANUARY 2012)



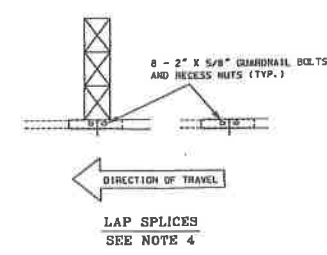
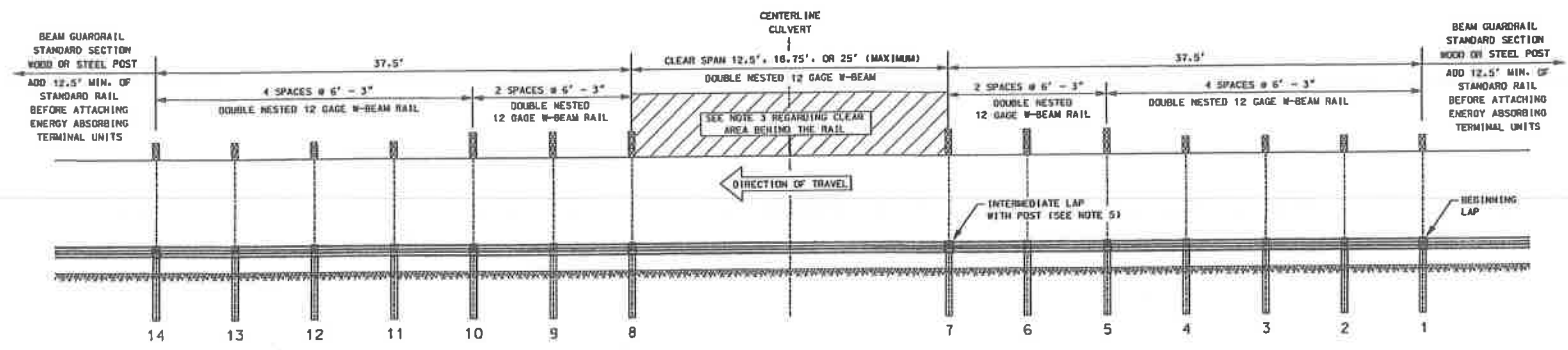
BALLED & BURLAPED SHRUB PLANTING DETAIL
NOT TO SCALE
(JANUARY 2012)

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

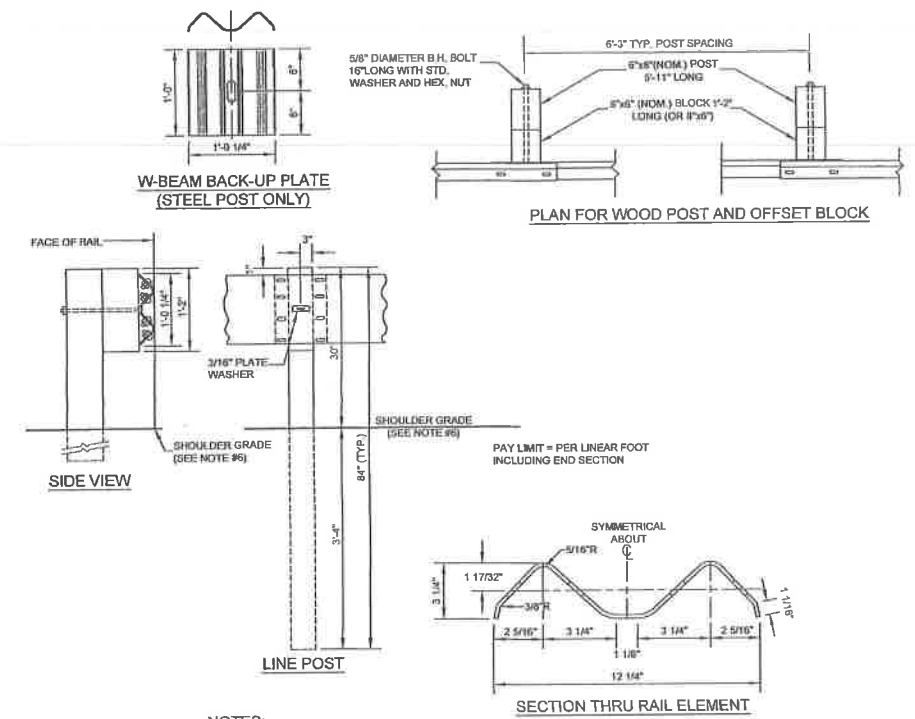
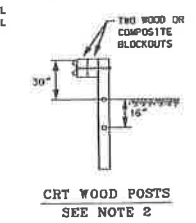
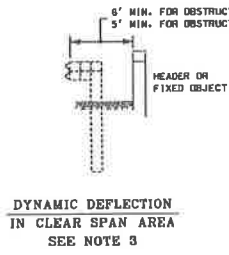
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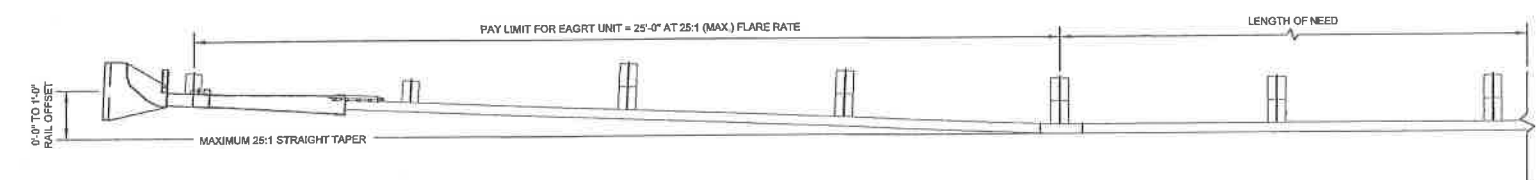
**W-BEAM GUARDRAIL
LONG SPAN, DOUBLE NESTED**
NOT TO SCALE

- POSTS 1 - 4 AND 11 - 14 STANDARD WOOD OR STEEL POSTS WITH BLOCKOUTS (SEE STANDARD SHEET DR-1)
- POSTS 5 - 10 ARE CRT WOOD POSTS WITH TWO WOOD OR COMPOSITE BLOCKOUTS ONLY CRT POSTS NEED TO BE WOOD, UNLESS THE REST OF THE RUN IS WOOD POST
- CLEAR AREA BEHIND BACK OF RAIL SHALL BE 5 FEET MINIMUM FOR OBSTRUCTIONS LESS THAN OR EQUAL TO THE HEIGHT OF THE TOP OF RAIL, 6 FEET MINIMUM FOR OBSTRUCTIONS TALLER THAN THE TOP OF RAIL.
- LAP SPLICES IN THE DIRECTION OF ADJACENT TRAFFIC.
- 25'-0" RAIL LENGTHS MAY BE USED TO ELIMINATE THE INTERMEDIATE LAP WITHOUT A POST. DO NOT PLACE A LAP WITHOUT A POST UNLESS NEEDED DUE TO THE LENGTH OF GAP.
- DESIGN MEETS NCHRP 350 TEST LEVEL 3 FINAL ACCEPTANCE LETTER HW-5-95B 10/6/1999.



- NOTES:
- ANCHORS, PLATES AND ALL FITTINGS TO BE GALVANIZED.
 - ALL DIMENSIONS SUBJECT TO MANUFACTURERS TOLERANCES.
 - RAIL PANELS AND END SECTIONS TO BE 12 GAUGE STEEL.
 - BACK-UP PLATE TO BE PLACED BEHIND RAIL ELEMENTS AT INTERMEDIATE POSTS.
 - ALL PARTS SHALL CONFORM TO CURRENT STANDARD SPECIFICATIONS.
 - WHEN GUARDRAIL IS CONSTRUCTED AT UP TO FOUR FEET FROM THE EDGE OF PAVEMENT, THE GUARDRAIL HEIGHT WILL BE SET FROM THE GRADE AT THE EDGE OF PAVEMENT. WHEN GUARDRAIL IS CONSTRUCTED MORE THAN FOUR FEET FROM THE EDGE OF PAVEMENT, THE GUARDRAIL WILL BE SET FROM THE GRADE AT FACE OF RAIL.
 - ALL END SECTIONS SHALL BE 25' EAGRT.

BEAM GUARDRAIL DETAIL
NOT TO SCALE
(MARCH 2008)



25'-0" EAGRT UNIT DETAIL
NOT TO SCALE
(MARCH 2008)

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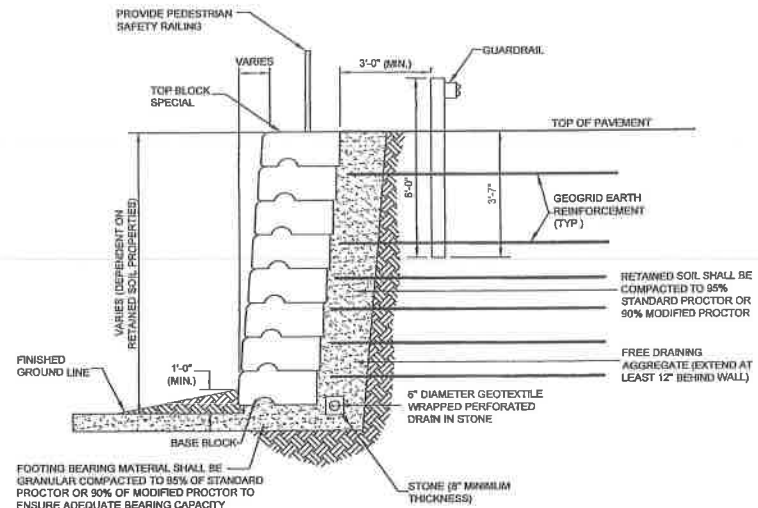
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3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015
PROJECT NO: 11-0202-1
SCALE: AS SHOWN
SHEET 67 OF 102

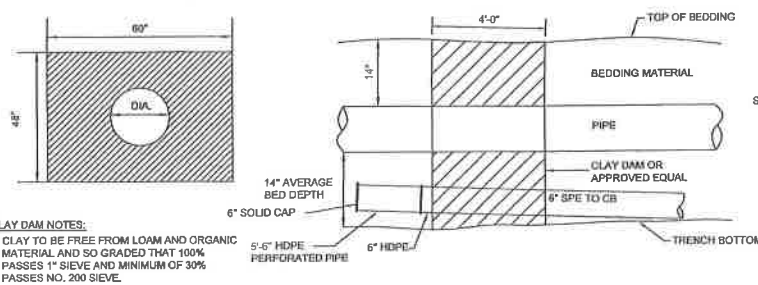
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NOTES:

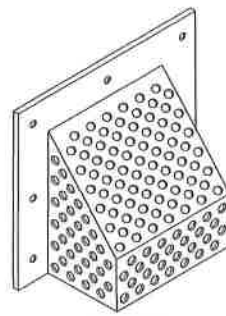
- AS PERMISSIBLE, THE STRUCTURAL ENGINEER CHARGED WITH RETAINING WALL DESIGN SHALL SPECIFY SALT RESISTANT BLOCK CONSTRUCTION WHERE WALLS ARE TO BE CONSTRUCTED NEAR ROADWAYS OR PARKING AREAS.
- RETAINING WALL DRAIN TO "DAYLIGHT" AT LOW POINT OR TIE TO DRAIN STRUCTURE AS SHOWN IN PLAN VIEW.
- THE STAMPED SHOP DRAWINGS AND CALCULATIONS FOR THE ACTUAL RETAINING WALL MUST BE PROVIDED FOR REVIEW AND APPROVAL AT OR PRIOR TO THE PROJECTS REQUIRED PRE CONSTRUCTION MEETING.
- THE PROVIDED PLANS AND SUPPORTING CALCULATIONS MUST ADDRESS THE FOLLOWING CRITERIA:
 - DESIGN CALCULATIONS STAMPED BY QUALIFIED PE LICENSE IN NH
 - STABILITY CALCULATIONS (INCLUDING BEARING CAPACITY, GLOBAL STABILITY, OVERTURNING & SLIDING, IMPACT)
 - GEORGRID PULLOUT AND OTHER PERTINENT DATA & ELEVATIONS
 - CONSTRUCTION INSTALLATION SPECIFICATION
 - LATERAL EARTH PRESSURE COEFFICIENT
 - SURCHARGE LOAD, EMBEDMENT DEPTH
 - BOTH A PLAN AND PROFILE OF EACH WALL SECTION

REDI-ROCK RETAINING WALL WITH GUARDRAIL
(TO BE DESIGNED BY A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN NEW HAMPSHIRE)
NOT TO SCALE



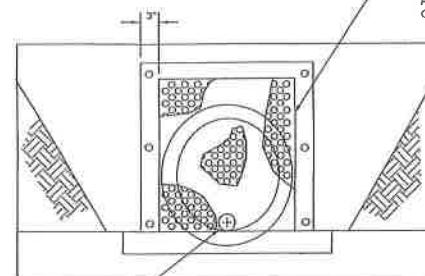
CLAY DAM NOTES:
CLAY TO BE FREE FROM LOAM AND ORGANIC MATERIAL AND SO GRADED THAT 100% PASSES 1" SIEVE AND MINIMUM OF 30% PASSES NO. 200 SIEVE.

TYPICAL CULVERT TRENCH DAM DETAIL
NOT TO SCALE



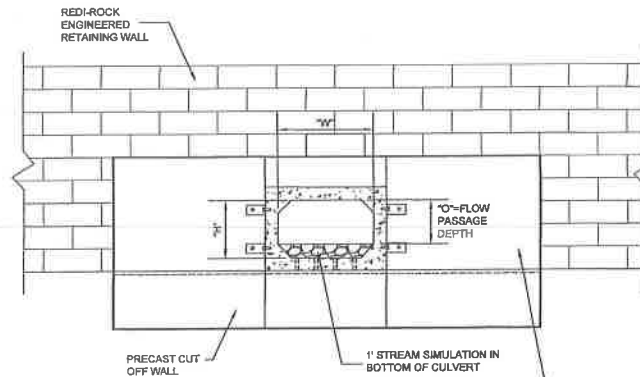
ISOMETRIC

HDPE STRUCTURAL PLASTIC 1/4" PLATE AND GRATING WITH 3/4" HOLES AND A MIN. OF 30% OF OPENING AREA MANUFACTURED BY PLASTIC SOLUTIONS INC. OR EQUAL



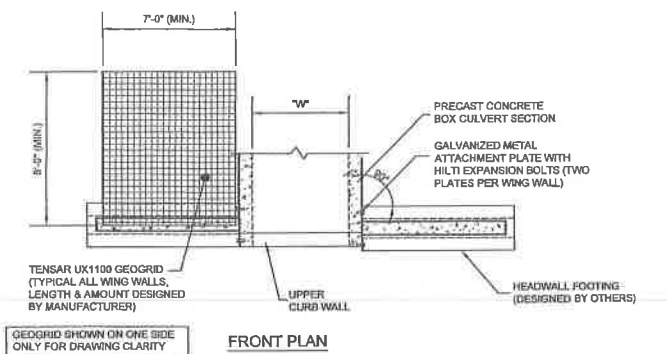
ELEVATION

TRASH RACK DETAIL
NOT TO SCALE



FRONT ELEVATION

PRECAST HEADWALL PANELS (SIZED AND SHAPED TO MEET EXISTING SITE CONDITIONS)

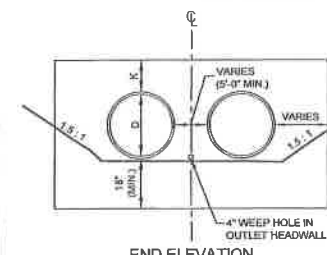


FRONT PLAN

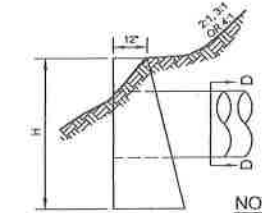
NOTES:

- AS PERMISSIBLE, THE STRUCTURAL ENGINEER CHARGED WITH RETAINING WALL DESIGN SHALL SPECIFY SALT RESISTANT BLOCK CONSTRUCTION WHERE WALLS ARE TO BE CONSTRUCTED NEAR ROADWAYS OR PARKING AREAS.
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 - CONSTRUCTION INSTALLATION SPECIFICATION
 - LATERAL EARTH PRESSURE COEFFICIENT
 - SURCHARGE LOAD, EMBEDMENT DEPTH
 - BOTH A PLAN AND PROFILE OF EACH WALL SECTION

PRECAST CONCRETE HEADWALL
NOT TO SCALE



END ELEVATION

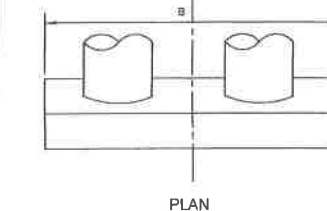


SIDE ELEVATION

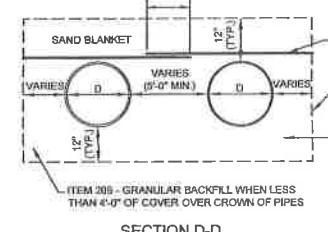
NOTES:

- THOROUGHLY COMPACTED SCREENED GRAVEL FOR RCP PIPE. SCREENED GRAVEL TO EXTEND TO SELECT FILL LINE.
- FOR HDPE OR PVC PIPE, BEDDING SHALL BE 3" STONE TO THE TOP OF THE PIPE.

DIMENSIONS			
DIAMETER (D)	B	H	K
12"	10'-10"	3'-9"	1'-3"
15"	11'-1"	4'-0"	1'-3"
18"	11'-8"	4'-3"	1'-3"
24"	12'-10"	5'-0"	1'-6"
30"	14'-0"	5'-6"	1'-6"
36"	15'-2"	6'-0"	1'-6"
42"	16'-4"	6'-9"	1'-9"
48"	17'-5"	7'-3"	1'-9"
54"	18'-9"	7'-9"	1'-9"
60"	19'-10"	8'-3"	1'-9"
66"	21'-0"	8'-9"	1'-9"
72"	22'-2"	9'-3"	1'-9"



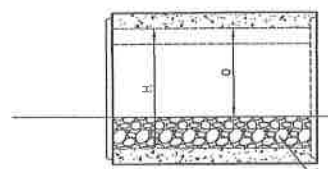
PLAN



SECTION D-D

MORTAR RUBBLE MASONRY HEADWALL DETAIL FOR TWIN PIPES

NOT TO SCALE
(AUGUST 2011)



SOIL RETENTION CHAMBER TO FILL WITH WATER TO ENHANCE SILT DEPOSITION (CONTRACTOR TO PLACE A MIX OF 6" MINUS RIVER STONE AND NATIVE STREAM BED MATERIAL FROM EXCAVATION WITHIN SILT RETENTION CHAMBER TO SIMULATE "NATURAL" STREAM BED)

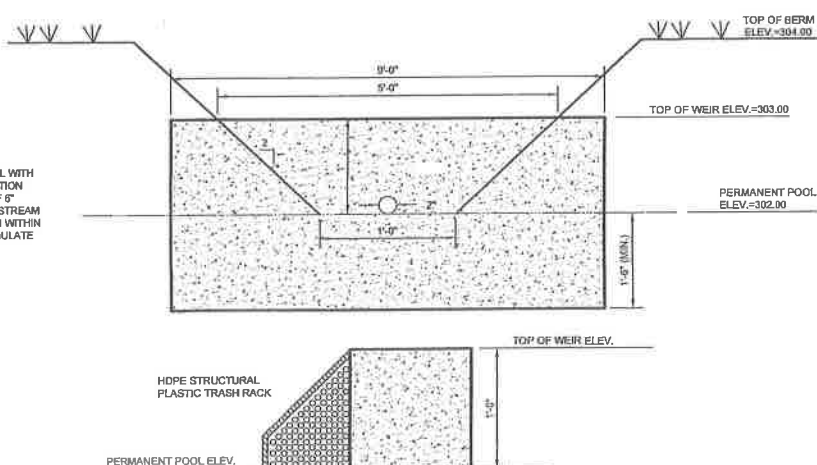
SUBMERGE BOX CULVERT 1' BELOW EXISTING FLOW LEVEL (SOIL RETENTION CHAMBER TO CREATE "NATURAL" BOTTOM" CULVERT CROSSING)

LOCATION	"L"	"W"	"H"	"O"	*STREAM INVERT IN	*STREAM INVERT OUT
CULVERT #222	32'	14'	7'	6"	298.25	296.00
CULVERT #204	50'	16'	7.5'	6.5"	307.00	305.00
CULVERT #110	30'	9'	4'	3"	339.00	338.75
CULVERT #135	50'	9'	4'	3"	308.00	305.00
CULVERT #139	30'	15'	9'	9"	301.00	299.03

*INVERTS REFLECT THE FINISH STREAM BED ELEVATIONS, NOT THE INVERT ELEVATIONS OF THE CONCRETE BOX CULVERTS. ACTUAL INVERT ELEVATIONS OF THE BOX CULVERTS ARE ONE (1) FOOT LOWER THAN THE STREAM BED ELEVATION.
** SEE INTERIOR STREAM BED LAYOUT DETAIL, THIS SHEET.

- NOTES:**
- CONCRETE: 5,000 PSI AT 28 DAYS. CEMENT TO BE TYPE III
 - CONTRACTOR SHALL SUBMIT STAMPED SHOP DRAWINGS FOR REVIEW AND APPROVAL
 - CONTRACTOR SHALL SUBMIT INSTALLATION SEQUENCE FOR APPROVAL

PRECAST CONCRETE BOX CULVERT WITH STREAM SIMULATION
NOT TO SCALE



WET POND 146 OUTLET STRUCTURE DETAIL - OS#18
NOT TO SCALE

CONSTRUCTION DETAILS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

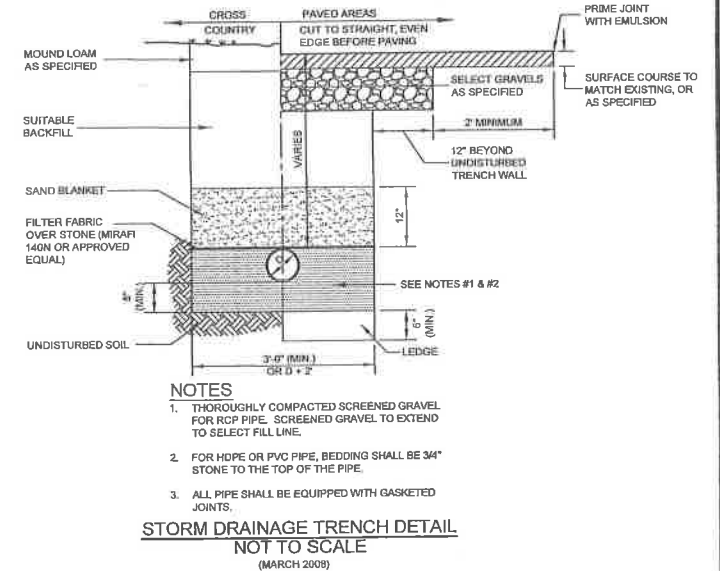
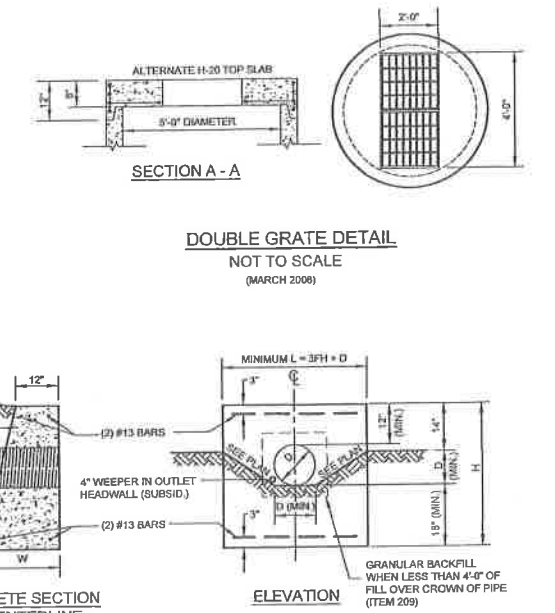
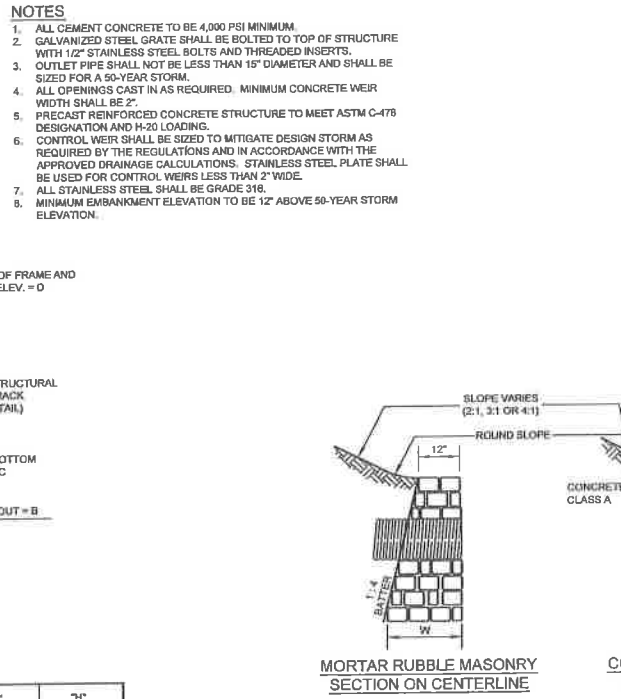
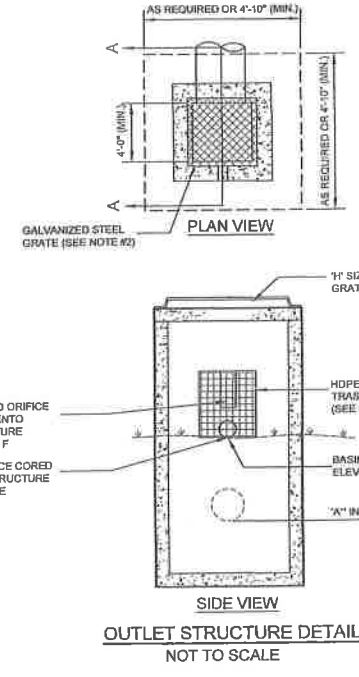
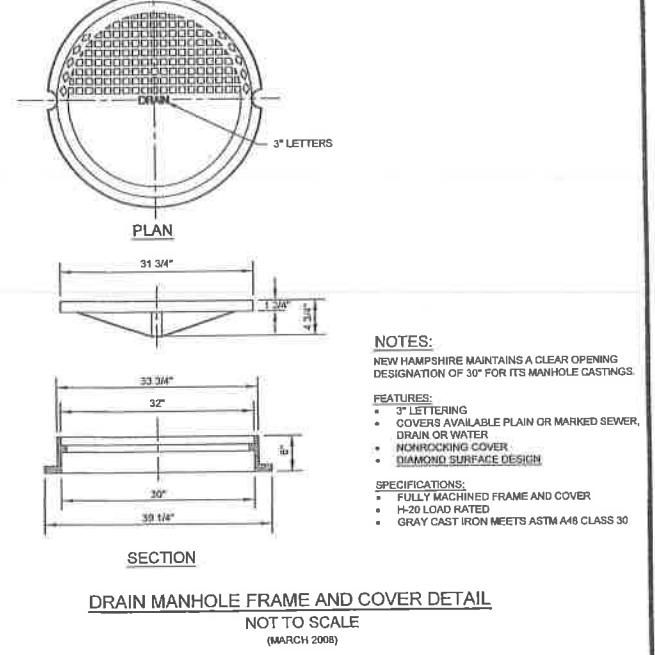
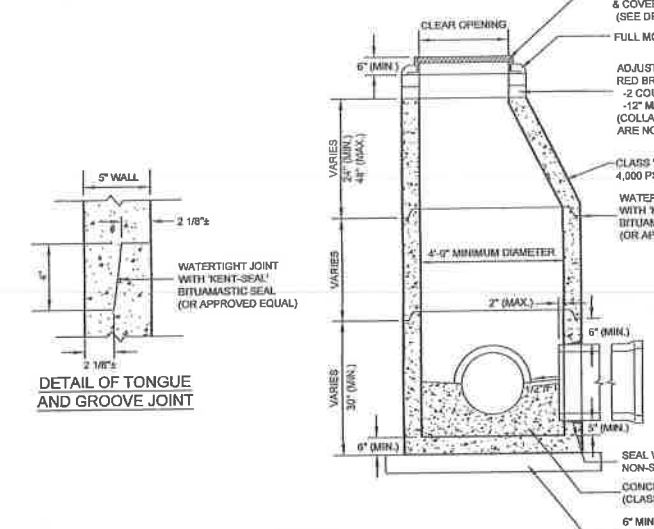
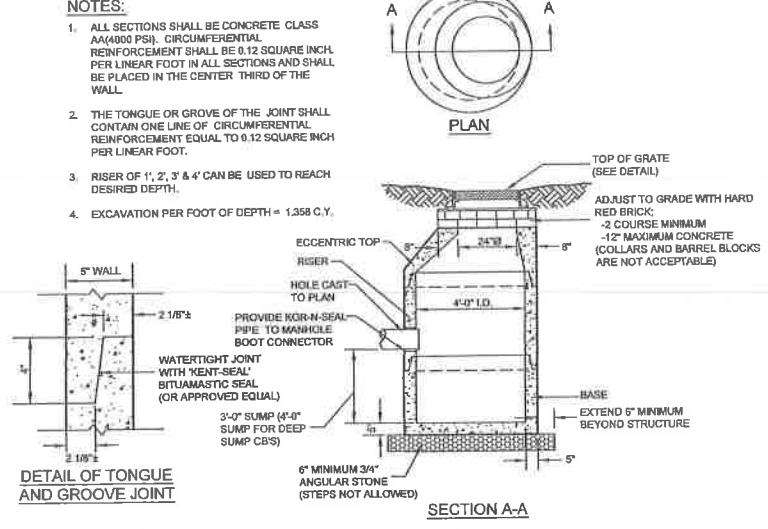
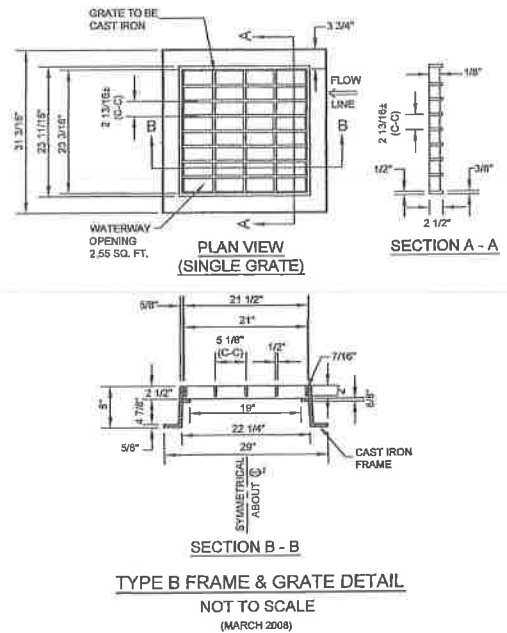
OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT:	OWNER OF MAP 186; LOT 20-4	OWNER OF MAP 201; LOT 7:
EAGLES NEST ESTATES, LLC, 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03064	KELLY A. TRUDEL, 11 KARAS CROSSING DRIVE HUDSON, NH 03051	GREEN MOUNTAIN PARTNERS REALTY TRUST, MARIO & DENYSE PLANTE, TRUSTEES, 9 OLD DERRY ROAD HUDSON, NH 03051

KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 301, Bedford, NH 03110 Phone (603) 827-2881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/16/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015
PROJECT NO: 11-0202-1
SCALE: AS SHOWN
SHEET 68 OF 102



LOCATION/STRUCTURE	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
DP #133/ OS #9	12"	308.0	308.0	311.0	308.0	310.0	9"W X 1'H	4' X 4'
WP #114/ OS #35	15"	339.0	335.0	344.0	339.0	342.0	4"W X 2.6'H	4' X 4'
WP #215/ OS #37	15"	402.0	399.0	405.0	402.0	403.5	3"W X 1.5'H	4' X 4'
MP #205/ OS #46	12"	401.84	398.0	404.0	402.0	NA	NA	4' X 4'
WP #233/ OS #69	12"	299.25	294.0	302.5	299.25	NA	NA	4' X 4'
IP #245/ OS # 71	15"	319.0	315.0	320.0	NA	NA	NA	2' X 2'
IP #258/ OS # 76	15"	353.0	358.00	360.0	358.00	NA	NA	2' X 2'

NOTE:
DIMENSIONS SHOWN ARE TO PAYMENT LINES. MORTAR RUBBLE MASONRY TO BE STEPPED OUTSIDE PAYMENT LINES ON SLOPING FACES.

DIAMETER D (INCH)	AREA OF PIPE (SQ. FT.)	MASONRY PER FOOT OF WALL (CU. YD.)	MASONRY PER HOLE (CU. FT.)	MASONRY PER STANDARD HEADER (CU. YD.)	STEEL PER STANDARD HEADER (LB)	LENGTH OF BARS	PIPE EXC. F' DEPTH (CU. YD.)	HEADER EXC. PER HEADER (CU. YD.)	ITEM 209 PER LINEAR FOOT	HEADER LENGTH L	HEADER HEIGHT H	FILL HEIGHT FH	WIDTH AT BOTTOM OF HEADER W	MASONRY IN CORNER FRUSTRUM (CU. YD.)	HEADER EXC. PER HEADER 1' DEPTH (CU. YD.)
12"	0.79	0.189	1.68	0.81	8	3'-2"	0.111	0.789	0.30	3'-6"	3'-0"	1'-0"	1'-10 1/2"	0.28	1.267
15"	1.23	0.293	1.73	0.85	11	3'-10"	0.159	0.947	0.35	4'-0"	3'-6"	1'-4"	1'-11 1/4"	0.31	1.232
18"	1.77	0.222	2.52	1.15	14	5'-2"	0.130	1.111	0.39	5'-6"	4'-0"	1'-4"	2'-0"	0.35	1.409
24"	3.14	0.260	4.71	1.78	20	7'-2"	0.148	1.451	0.49	7'-6"	4'-6"	1'-10"	2'-1 1/2"	0.42	1.776
30"	4.91	0.301	7.87	2.58	25	9'-2"	0.185	1.819	0.66	9'-6"	5'-0"	2'-4"	2'-3"	0.51	2.164
36"	7.07	0.344	11.49	3.53	31	11'-2"	0.222	2.187	0.85	11'-6"	5'-6"	3'-0"	2'-4 1/2"	0.61	2.572
42"	9.62	0.369	16.24	4.95	36	13'-2"	0.259	2.581	1.07	13'-6"	5'-6"	3'-4"	2'-6"	0.72	3.009
48"	12.57	0.430	21.90	5.95	42	15'-2"	0.296	3.060	1.31	15'-6"	5'-6"	3'-10"	2'-7 1/2"	0.84	3.447
54"	15.90	0.488	28.63	7.44	47	17'-2"	0.333	3.432	1.58	17'-6"	7'-0"	4'-4"	2'-9"	0.98	3.914
60"	19.63	0.538	36.82	9.12	52	19'-2"	0.370	3.892	1.87	19'-6"	7'-0"	4'-8"	2'-10 1/2"	1.12	4.401
66"	23.76	0.593	46.03	11.04	58	21'-2"	0.407	4.350	2.17	21'-6"	8'-0"	5'-4"	3'-0"	1.28	4.907
72"	28.27	0.649	56.55	13.17	63	23'-2"	0.445	4.808	2.50	23'-6"	8'-0"	5'-10"	3'-11 1/2"	1.46	5.433

NOTE: STEEL QUANTITIES ARE FOR CONCRETE HEADWALLS ONLY.

CONCRETE HEADWALLS
NOT TO SCALE
(MARCH 2008)

PURSUANT TO THE SUBMISSION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBMISSION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

CONSTRUCTION DETAILS

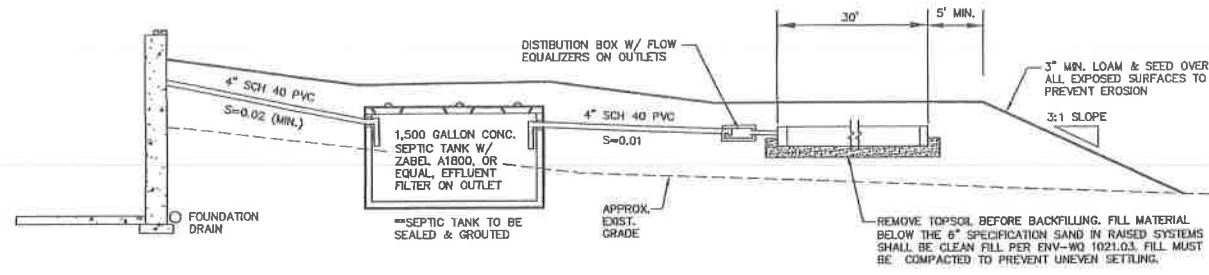
EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10, MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24; MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4/APPLICANT: KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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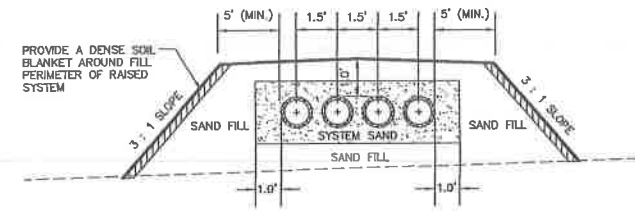
KMA KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 887-2861

REVISIONS			
No.	DATE	DESCRIPTION	BY
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2	06/15/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 69 OF 102

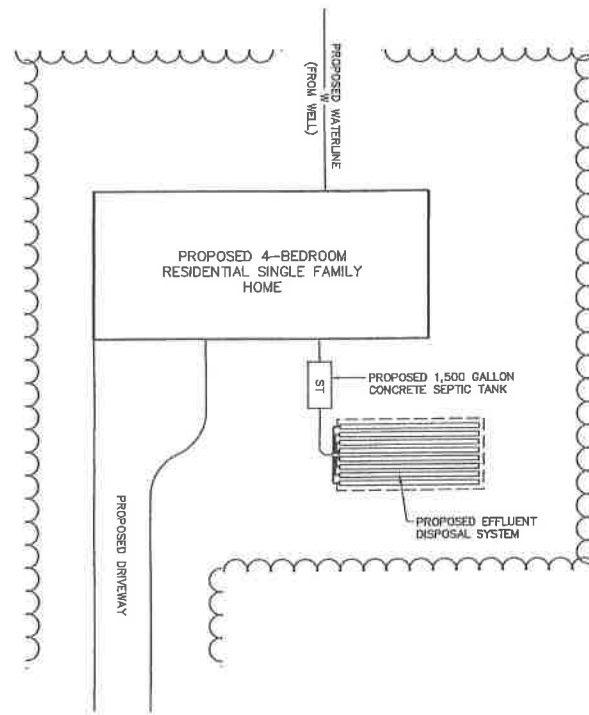


TYPICAL SECTION OF PROPOSED SEPTIC SYSTEM
NOT TO SCALE



FILL SPECIFICATION
SYSTEM SAND TO BE 6" MINIMUM OF MEDIUM TO COARSE SAND WITH AN EFFECTIVE PARTICLE SIZE OF 0.25 MM TO 2.00 MM, WITH NO GREATER THAN 2% PASSING A #200 SIEVE AND NO PARTICLES LARGER THAN 3/4" AROUND THE CIRCUMFERENCE OF THE ENVIRO-SEPTIC PIPE. ALL OTHER FILL USED IN RAISED SYSTEMS SHALL BE CLEAN BANK RUN SAND, FREE FROM TOPSOIL, HUMUS, DREDGING, DEBRIS, OR STONES LARGER THAN 6" IN ANY DIMENSION IN ACCORDANCE WITH ENV-WQ 1021.03

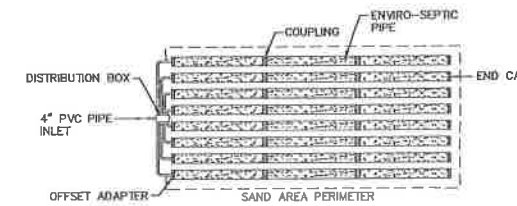
TYPICAL ENVIRO-SEPTIC CROSS SECTION
NOT TO SCALE



TYPICAL SCHEMATIC SEPTIC SYSTEM PLAN
NOT TO SCALE

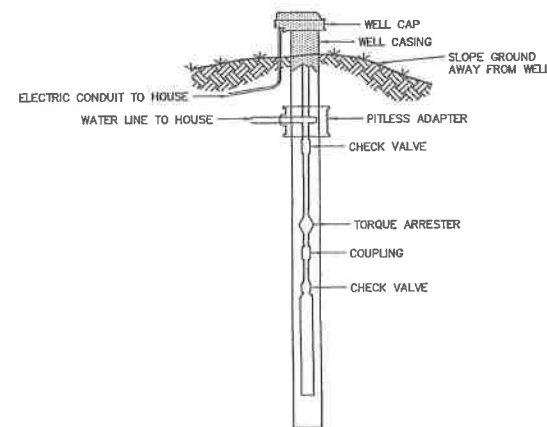
TYPICAL SEPTIC SYSTEM NOTE(S):

1. THE PURPOSE OF THESE DETAILS ARE TO ILLUSTRATE A TYPICAL SEPTIC SYSTEM LAYOUT AND THE CONSTRUCTION ASSOCIATED WITH THE SAME.
2. THIS INFORMATION IS FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. ACTUAL SIZE AND LAYOUT OF PROPOSED SYSTEMS SHALL BE DETERMINED BY THE OWNER AND MAY VARY FROM WHAT IS DEPICTED HEREON.



NOTE: EFFLUENT DISPOSAL AREA SHOWN IS A "DISTRIBUTION BOX SYSTEM" AS DEPICTED IN THE NEW HAMPSHIRE ENVIRO-SEPTIC DESIGN AND INSTALLATION MANUAL (2003 EDITION).

EDA PLAN DETAIL
SCALE: 1" = 10'



- NOTES:**
1. THE PURPOSE OF THIS DETAIL IS TO ILLUSTRATE A TYPICAL WELL SECTION AND THE CONSTRUCTION ASSOCIATED WITH THE SAME.
 2. THIS INFORMATION IS FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. ACTUAL WELL DETAIL/CONSTRUCTION SHALL BE DETERMINED BY THE WELL INSTALLER AND MAY VARY FROM WHAT IS DEPICTED HEREON.

TYPICAL SCHEMATIC WELL DETAIL
NOT TO SCALE

CONSTRUCTION DETAILS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03064	OWNER OF MAP 188; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7; GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 5B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS			
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3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015
PROJECT NO: 11-0202-1
SCALE: AS SHOWN
SHEET 71 OF 102

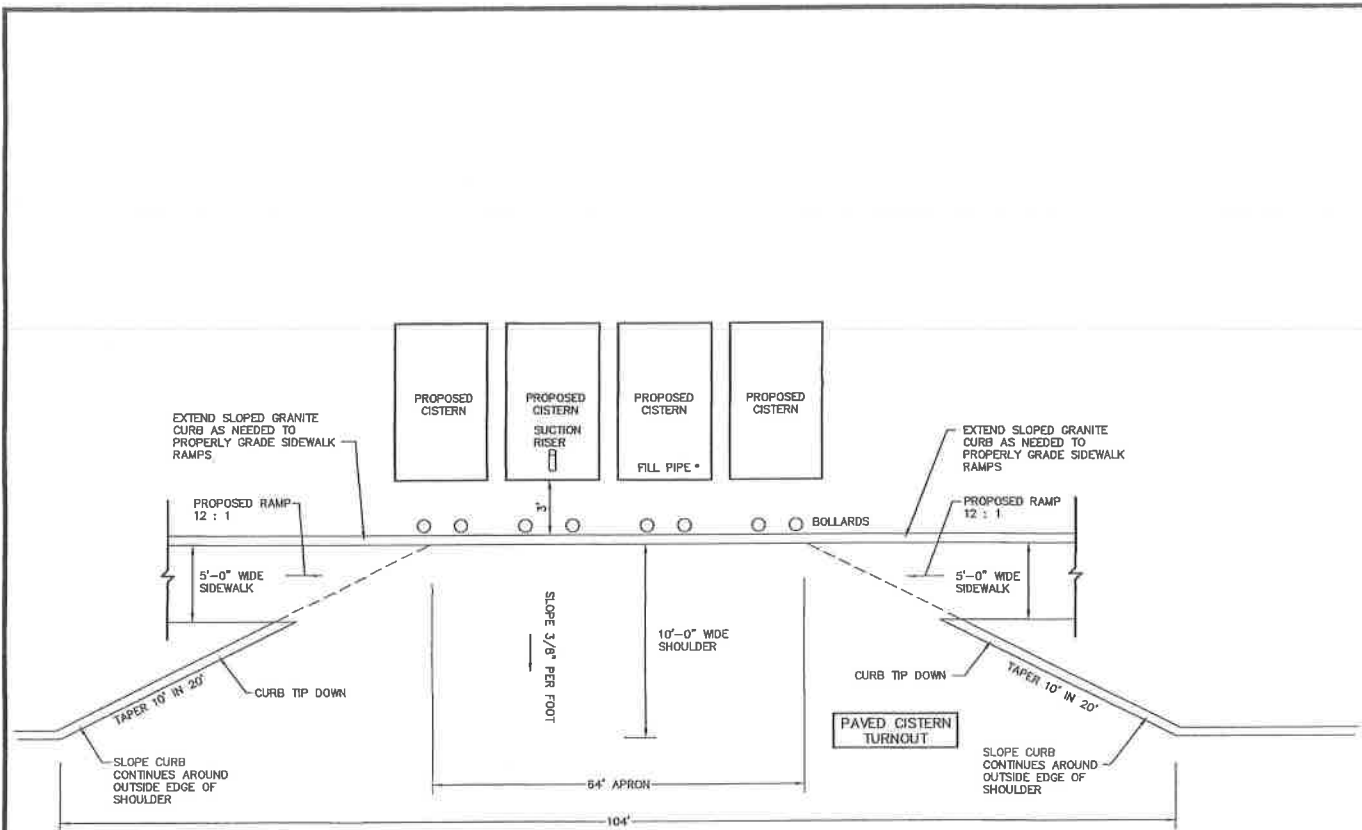
PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

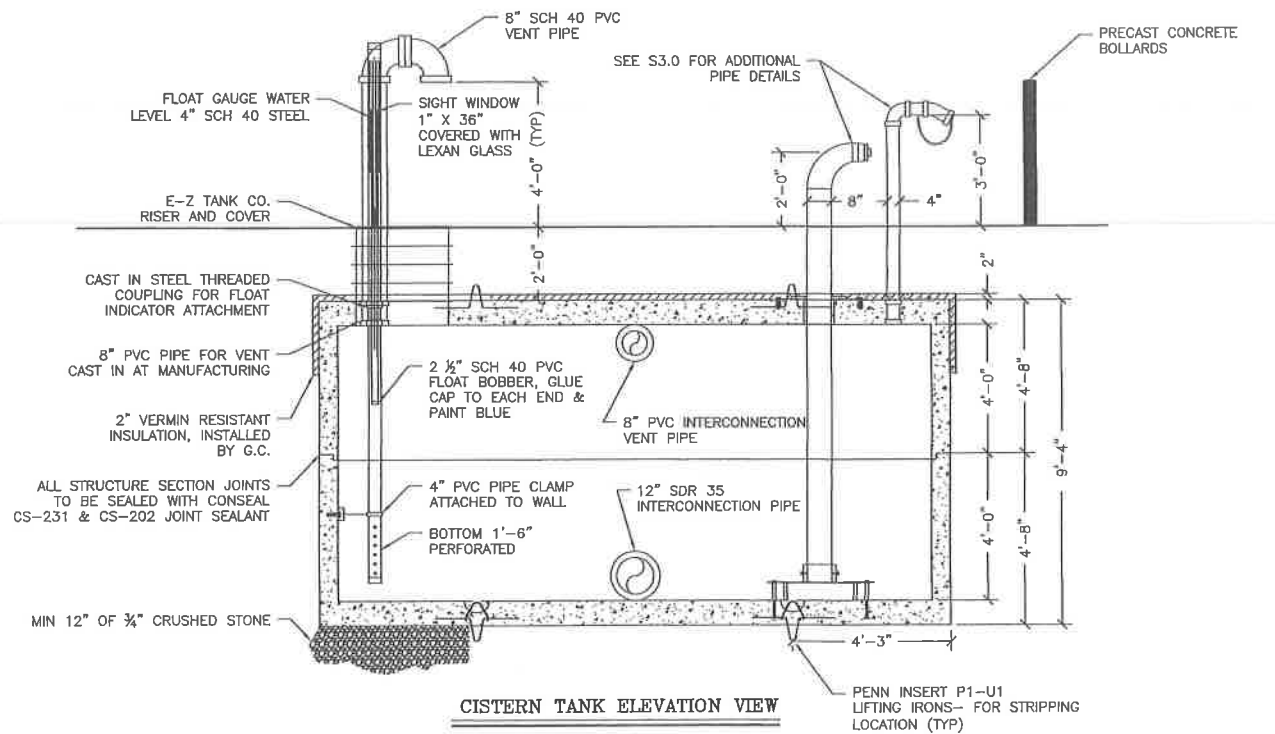
SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



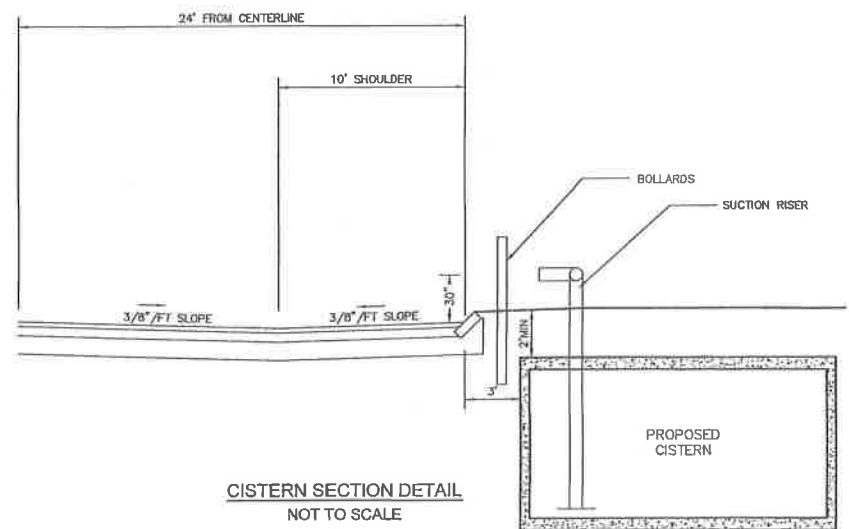
STANDISH LANE
CISTERN PLAN DETAIL



CISTERN TANK ELEVATION VIEW

CISTERN	SUCTION RISER ELEV.	WHEEL ELEV.	TOP TANK ELEV.	INSIDE BOTTOM	INSIDE DRAFT
1	360.33	358.33	354.33	345.66	14.67
2	398.70	396.70	393.70	385.03	13.67
3	433.74	431.74	428.24	419.57	14.17
4	422.45	420.45	417.45	408.78	13.67
5	375.71	373.71	370.21	361.54	14.17

CISTERN TANK DETAIL
NOT TO SCALE



CISTERN SECTION DETAIL
NOT TO SCALE

CONSTRUCTION DETAILS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC, 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST TRUSTEES MARIO & DENYSE PLANTE, 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 72 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

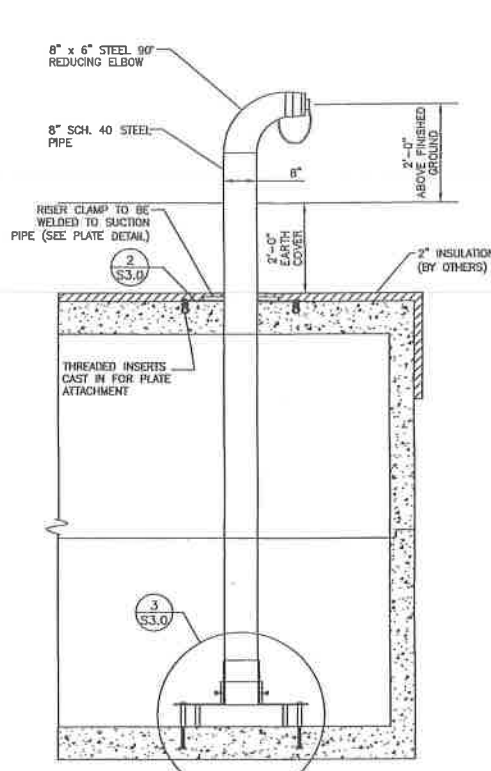
APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

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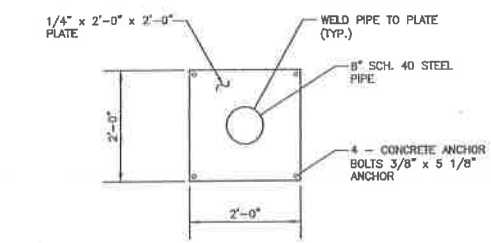


NOTE:
 8" VERTICAL SUCTION PIPE TERMINATING WITH AN 8" x 6" 90° THREADED REDUCING ELBOW AND A 6" NST OR 4 1/2" NST NOZZLE AND CAP. THE SUCTION PIPE CONNECTION SHOULD BE 24" ABOVE THE LEVEL OF THE ROAD OR SHOULDER WHERE THE VEHICLE WHEELS WILL BE LOCATED WHEN CISTERN IS IN USE.

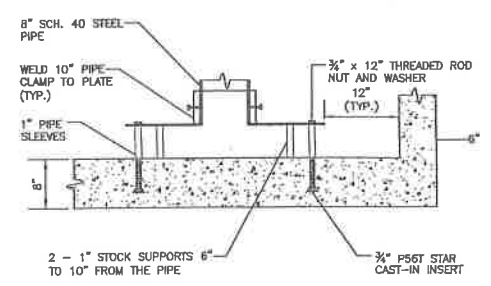
1 SUCTION ASSEMBLY DETAIL
 S3.0 NOT TO SCALE

FOUNDATION & BACKFILL NOTES:

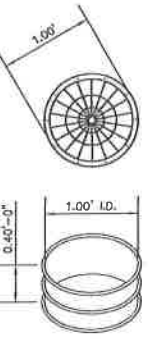
- FOUNDATION MATERIAL SHALL BE 3/4" CRUSHED STONE, MINIMUM 12" THICK.
- 1 1/2" BANK RUN GRAVEL SHALL BE USED FOR BACKFILL OPERATIONS SURROUNDING TANK. BACKFILL SHALL BE PLACED IN MAXIMUM 12" LOOSE LIFTS. IT SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY BY MODIFIED PROCTOR METHOD (ASTM 1557). ALL COMPACTION SHALL BE DONE WITH HAND-OPERATED COMPACTION EQUIPMENT.
- TANK EXCAVATION SHALL BE KEPT DEWATERED THROUGHOUT INSTALLATION AND BACKFILL OPERATIONS.
- ALL AREAS BETWEEN TANKS SHALL BE FILLED TO A MINIMUM OF 12" ABOVE CROWN OF INTERCONNECTION PIPE WITH 3/4" CRUSHED STONE. 1 1/2" BANK RUN GRAVEL MAY BE USED ABOVE THIS ELEVATION, PROVIDED THAT PROPER COMPACTION AS STATED IN NOTE 2 ABOVE CAN BE ACHIEVED.
- ALL BACKFILL MATERIAL BETWEEN TANKS SHALL BE PLACED IN 12" LIFTS AT THE SAME TIME AS THE MATERIAL SURROUND THE TANKS.



2 RISER CLAMP DETAIL
 S3.0 NOT TO SCALE



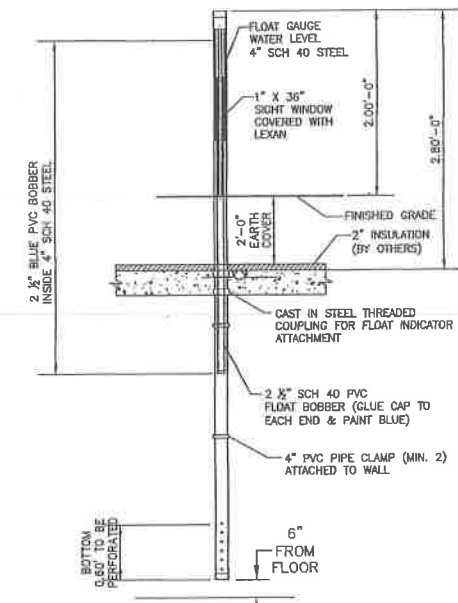
3 ANTI VORTEX PLATE DETAIL
 S3.0 NOT TO SCALE



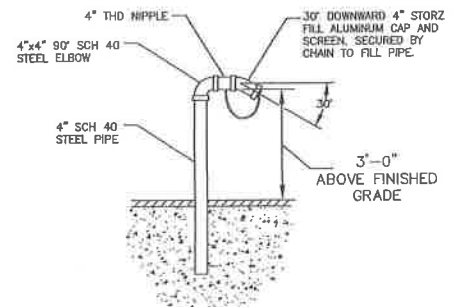
9 EZ SET TANK RISER DETAIL
 S3.0 NOT TO SCALE

30" I.D. LIDS:
 -WATER TIGHT SEAL USING MOLDED GASKET
 -HIGH STRENGTH POLYPROPYLENE CONTAINING MAXIMUM UV INHIBITORS TO PREVENT DEGRADATION CAUSED BY SUNLIGHT.
 -SECURED WITH SIX (6) STAINLESS STEEL BOLTS OR SELF TAPPING SCREWS.
 -SLIP RESISTANT SURFACE.
 -1,500 LB WHEEL LOAD.
 -SUPPLIED WITH LOCKING BAND FOR PADLOCK ATTACHMENT.

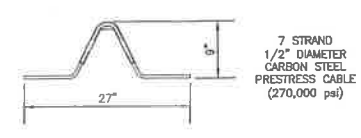
30" I.D. RISERS:
 -PRE-CASTING RING FOR INSTALLATION IN CONCRETE TANKS.
 -VACUUM TESTED TO 13" Hg W/ZERO DEFLECTION IN SIDEWALLS AND CONNECTION POINTS
 -WITH INTERLOCKING DESIGN, E-2 SET RISERS ARE STACKABLE TO ANY HEIGHT.
 -RISERS ARE SECURED WITH SIX (6) STAINLESS STEEL BOLTS OR SELF-TAPPING SCREWS.



4 TYPICAL WATER FLOAT INDICATOR DETAIL
 S3.0 NOT TO SCALE



10 FILL LINE ASSEMBLY DETAIL
 S3.0 NOT TO SCALE



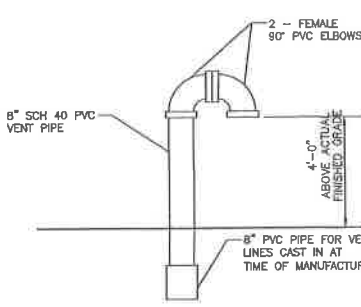
NOTES:
 1. 1/2" CARBON STEEL PRESTRESS CABLE - 270 KIP
 2. PROTECTIVE CABLE COVER: EMT GALVANIZED CONDUIT.
 3. 1/2" CABLE IS FLEXIBLE, NOT RIGID AS A GALVANIZED LIFTING IRON.

5 UPI CABLE LIFTING IRON - TOP SLABS ONLY
 S3.0 NOT TO SCALE

Product Code	A - Anchor SWL AT 90°		Edge Distance
	SLAB Min. 50'	TENSION 90° SHEAR	
4CA14	4	3,300 5,400	24"
5CA14	5	5,500 8,500	28"
5CA18	5	6,000 9,300	30"
6CA14	6	6,500 10,100	34"
6CA18	6	7,500 11,600	35"
8CA18	8	13,000 20,000	46"

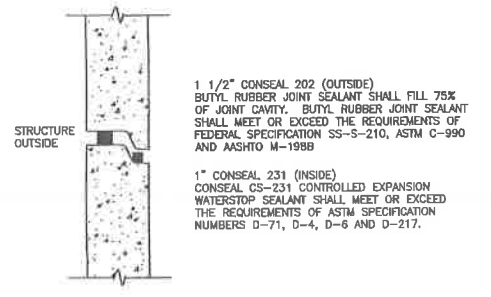
Note: Safe working load provides a factor of safety of approximately 4:1 based on a minimum concrete strength of 4,000 psi.
 For use as Pulling Iron load may be increased by 33% with 3 to 1 Safety Factor.

6 CONAC CORPORATION A ANCHOR - BASE SLABS ONLY
 S3.0 NOT TO SCALE

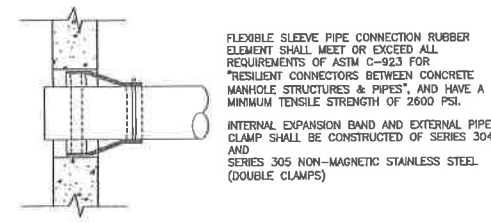


NOTE:
 THE BUG SCREEN IS REQUIRED. PLACE SCREEN IN THE VENT PIPE TO FULLY FILL THE PIPE DIAMETER.

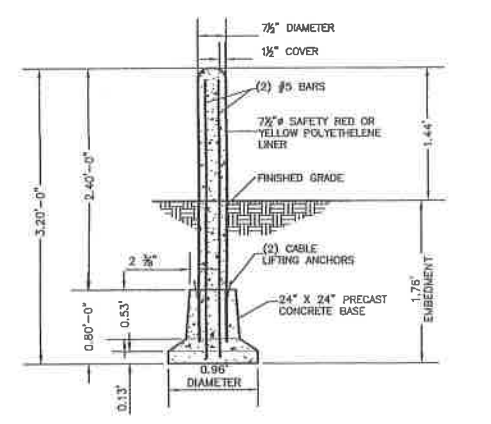
11 VENT PIPE ASSEMBLY DETAIL
 S3.0 NOT TO SCALE



7 CONSEAL JOINT SEALANTS DETAIL
 S3.0 NOT TO SCALE



8 TYPICAL FLEXIBLE SLEEVE PIPE CONNECTION DETAIL
 S3.0 NOT TO SCALE



NOTES:
 1. EACH BOLLARD TO WEIGH 780# (0.2 CY).

11 TYPICAL POLY-SHEATHED PRECAST BOLLARD
 S3.0 NOT TO SCALE

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CONSTRUCTION DETAILS

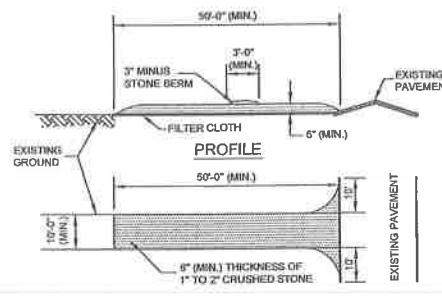
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10, MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENISE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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 PROJECT NO: 11-0202-1 SHEET 73 OF 102



PLAN VIEW
STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE
(MARCH 2008)

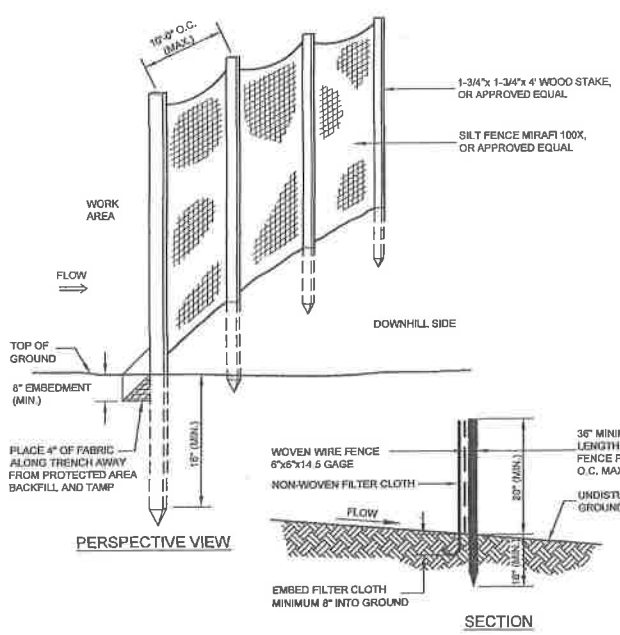
MAINTENANCE:

MUD AND SOIL PARTICLES WILL EVENTUALLY CLOG THE VOIDS IN THE GRAVEL AND THE EFFECTIVENESS OF THE GRAVEL PAD WILL NOT BE SATISFACTORY. WHEN THIS OCCURS, THE PAD SHOULD BE TOPDRESSED WITH NEW STONE OR COMPLETE REPLACEMENT OF THE PAD MAY BE NECESSARY WHEN THE PAD BECOMES COMPLETELY CLOGGED.

IF WASHING FACILITIES ARE USED, THE SEDIMENT TRAPS SHOULD BE CLEANED OUT AS OFTEN AS NECESSARY TO ASSURE THAT ADEQUATE TRAPPING EFFICIENCY AND STORAGE VOLUME IS AVAILABLE. VEGETATIVE FILTER STRIPS SHOULD BE MAINTAINED TO INSURE A VIGOROUS STAND OF VEGETATION AT ALL TIMES.

CONSTRUCTION SPECIFICATIONS:

- STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE, RECLAIMED STONE OR RECYCLED CONCRETE EQUIVALENT.
- THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 8 INCHES.
- THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICH EVER IS GREATER.
- GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENCE LOT.
- ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.
- WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.



SILT FENCE DETAIL
NOT TO SCALE
(MARCH 2008)

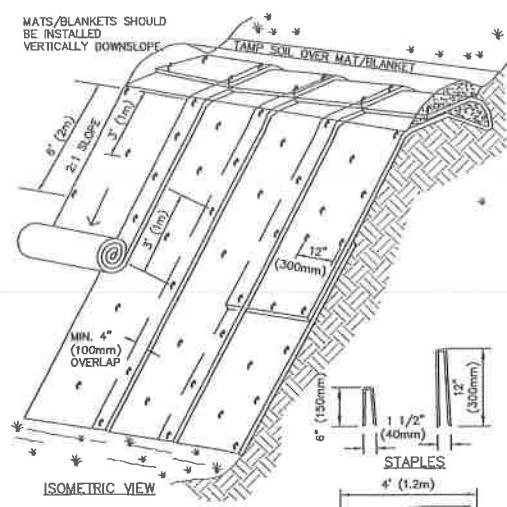
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- NOTES:**
- SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 - APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
 - LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

EROSION BLANKET DETAIL-SLOPE INSTALLATION
NOT TO SCALE

WINTER CONSTRUCTION NOTES:

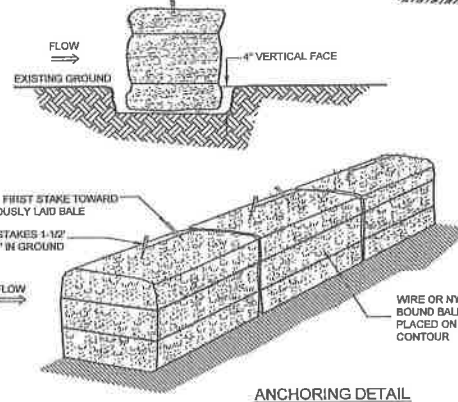
- ALL PROPOSED POST-DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 4:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE PLACEMENT OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3 OR, IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON, BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE GRAVELS ARE INSTALLED IN AREAS TO BE PAVED;
 - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - A MINIMUM OF 3" OF NON-SODIUM POLYMER MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED; OR
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

CONSTRUCTION SPECIFICATIONS:

- THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
- THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
- WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE OR STAPLES WHERE NOTED OR AS DIRECTED BY DESIGN ENGINEER.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MIDSECTION AND BOTTOM.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED AND STAPLED.
- FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 18 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

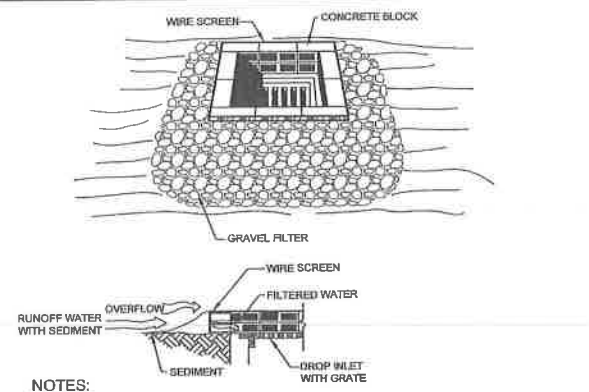
MAINTENANCE:

- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.



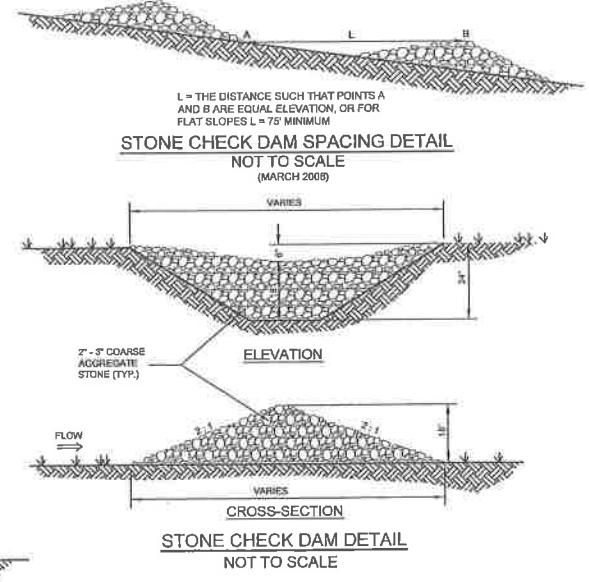
- CONSTRUCTION SPECIFICATIONS:**
- BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 - EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
 - BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
 - INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 - BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
 - HAY BALE SHOULD BE FREE FROM ANY PLANT MATERIAL FOUND ON THE NEW HAMPSHIRE INVASIVE SPECIES LIST.

HAY BALE BARRIER
NOT TO SCALE
(MARCH 2008)



- NOTES:**
- CONCRETE BLOCKS SHOULD BE PLACED LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET. THE ENDS OF EACH BLOCK SHOULD BE ABUTTING. THE HEIGHT OF THE BARRIER CAN BE VARIED DEPENDING ON THE DESIGN BY STACKING VARIOUS COMBINATIONS OF DIFFERENT SIZED BLOCKS. THE BARRIER SHOULD BE A MINIMUM OF 12 INCHES HIGH AND A MAXIMUM OF 24 INCHES HIGH.
 - HARDWARE CLOTH OR WIRE MESH SHOULD BE PLACED OVER OPENINGS OF THE CONCRETE BLOCKS AND EXTENDED AT LEAST 12 INCHES AROUND THE OPENING TO PREVENT AGGREGATE FROM BEING TRANSPORTED THROUGH THE OPENINGS IN THE BLOCK.
 - SEWER STONE OR OTHER CLEAN COARSE AGGREGATE SHOULD BE PLACED AGAINST THE BLOCK TO THE TOP OF THE BARRIER.

BLOCK & GRAVEL DROP INLET SEDIMENT FILTER
NOT TO SCALE
(MARCH 2008)



STONE CHECK DAM DETAIL
NOT TO SCALE

CONSTRUCTION SEQUENCE

- THE NPDES NOTICE OF INTENT SHALL BE PREPARED AND SUBMITTED PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR TO NOTIFY DIS-SAFE OF COMMENCEMENT OF CONSTRUCTION.
- PRIOR TO GRUBBING OF CLEANED AREAS, ALL SILTATION BARRIERS DESIGNED FOR USE AS TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED AS CALLED FOR ON PROJECT PLANS. INSTALL STABILIZED CONSTRUCTION EXIT AT LOCATION OF CONSTRUCTION ACCESS AT LOCATION OF INTERSECTION WITH EXISTING PAVEMENT.
- CUT AND CLEAR TREES AND BRUSH FROM CONSTRUCTION AREAS TO THE EXTENT NECESSARY. ALL BRANCHES, TOPS, AND BRUSH TO BE PROPERLY DISPOSED OF BY CONTRACTOR BY HAULING OFF SITE OR CHIPPING AND USED FOR EROSION CONTROL. NO STUMPS SHALL BE BURIED ON SITE. THIS PROJECT IS MANAGED TO MEET THE REQUIREMENTS AND INTENT OF RSA 430:53 AND AGR 3800 RELATIVE TO INVASIVE SPECIES.
- COMPLETE GRUBBING OPERATIONS UNDER THE ROADWAY AND SLOPE SECTIONS. ALL STUMPS AND SIMILAR DEBRIS SHALL BE PROPERLY DISPOSED OF BY CONTRACTOR. ORGANIC MATERIAL SUITABLE FOR USE AS TOPSOIL SHALL BE STOCKPILED IN UPLAND AREAS. ALL STOCKPILES SHALL BE SEEDED WITH WINTER RYE AND, IF NECESSARY, SURROUNDED WITH HAY BALES IN ORDER TO PREVENT LOSS DUE TO EROSION.
- CONSTRUCT TEMPORARY CULVERTS AS NECESSARY TO FACILITATE CONSTRUCTION ACTIVITIES. ALL SUCH CROSSINGS SHALL BE PROTECTED WITH HAY BALE BARRIERS TO LIMIT EROSION.
- STABILIZE ALL DITCHLINES AND PONDS PRIOR TO DIRECTING FLOW INTO THEM. CONSTRUCT SUBSURFACE UTILITIES, AND UNDERDRAIN. COMMENCE CONSTRUCTION OF ROADWAY. PERFORM EXCAVATION ACTIVITIES REQUIRED TO ACHIEVE SUBGRADE ELEVATION. ALL EXCAVATED EMBANKMENTS, DITCHES, SWALES AND DRAINWAY CULVERTS SHALL BE INSTALLED AND STABILIZED. ALL SWALES AND DITCHLINES SHALL BE PROTECTED FROM EROSION BY IMPLEMENTATION OF HAY BALE SILTATION FENCES AS NECESSARY. OVERT STORMWATER RUNOFF THROUGH THE USE OF TEMPORARY CULVERTS, OR OTHER MEANS NECESSARY PRIOR TO THE COMPLETION OF A FUNCTIONAL STORM DRAINAGE SYSTEM. SLOPES AND EMBANKMENTS SHALL BE STABILIZED BY TRACKING AND TEMPORARY SEEDING WITH WINTER RYE PRIOR TO TURF ESTABLISHMENT. ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO HAVING RUNOFF DIRECTED TO THEM.
- COMPLETE CONSTRUCTION OF ROADWAY EMBANKMENTS BY ADDING APPROPRIATE BASE MATERIALS GRADED TO PROPER ELEVATION. APPLY TOPSOIL TO ROADWAY SLOPES AND OTHER AREAS DISTURBED BY CONSTRUCTION. TOPSOIL USED MAY BE NATIVE ORGANIC MATERIAL SCREENED SO AS TO BE FREE OF ROOTS, BRANCHES, STONES AND OTHER DELETERIOUS MATERIALS. TOPSOIL SHALL BE APPLIED SO AS TO PROVIDE A MINIMUM OF A 4-INCH COMPACTED THICKNESS. UPON COMPLETION OF TOPSOILING, FINISHED SECTIONS ARE TO BE LIMED, SEEDED AND MULCHED. CONSTRUCTION PERSONNEL SHALL INSPECT COMPLETED SECTIONS OF WORK ON A REGULAR BASIS AND REMEDY ANY PROBLEM AREAS UNTIL A HEALTHY STAND OF GRASS HAS BECOME ESTABLISHED.
- PERFORM FINE GRADING OF ROADWAY BASE MATERIALS.
- FURNISH AND INSTALL BINDER COURSE OF PAVEMENT AND COMPLETE GRAVEL SHOULDERS.
- MAINTAIN, REPAIR AND REPLACE AS NECESSARY TEMPORARY EROSION CONTROL MEASURES UNTIL SUCH TIME AS THE ENTIRE CONSTRUCTION AREA HAS BEEN STABILIZED (A MINIMUM OF ONE WINTER SHALL HAVE PASSED).
- AFTER STABILIZATION, REMOVE AND SUITABLY DISPOSE OF TEMPORARY EROSION CONTROL MEASURES.
- MONITOR CONSTRUCTION ACTIVITIES ON INDIVIDUAL LOTS TO INSURE CONSTRUCTION ACTIVITIES ARE BEING PERFORMED IN SUCH A WAY AS NOT TO ENDANGER THE INTEGRITY OF ROADWAY EMBANKMENTS, STORMWATER SYSTEMS AND UTILITIES. ALL DRAINWAYS ACROSS DITCHLINES AND EMBANKMENTS SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- ALL WORKMANSHIP AND MATERIALS INCORPORATED INTO THE CONSTRUCTION OF ELECTRIC LINES SHALL CONFORM WITH THE STANDARDS OF THE OWNING UTILITY COMPANY.
- ALL WORKMANSHIP AND MATERIALS INCORPORATED INTO THE CONSTRUCTION OF TELEPHONE LINES SHALL CONFORM WITH THE STANDARDS OF THE OWNING TELEPHONE COMPANY.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND WITHIN THE CONSTRUCTION AREA. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES AND ARRANGE FOR ALL INSPECTIONS.
- UTILITY STUB CONNECTIONS SHOWN TO PROPOSED LOTS ARE APPROXIMATE AND INTENDED TO ILLUSTRATE FEASIBILITY OF CONSTRUCTING CONNECTIONS. THE CONTRACTOR SHALL PROVIDE SERVICE STUBS AS DIRECTED BY THE OWNING UTILITY COMPANY AND LOCAL AUTHORITY.
- CONTRACTOR SHALL COORDINATE WITH PHONE, CABLE, AND ELECTRIC COMPANIES FOR POTENTIAL NEED OF INDIVIDUAL SECTORS AT EACH LOT SERVICE CONNECTION.
- THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
- THE CONTRACTOR SHALL VERIFY TEM ELEVATIONS PRIOR TO CONSTRUCTION.
- LOT DISTURBANCE, OTHER THAN THAT SHOWN ON THE APPROVED PLANS, SHALL NOT COMMENCE UNTIL AFTER THE ROADWAY HAS THE BASE COURSE TO DESIGN ELEVATION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.

EROSION CONTROL NOTES

- EXPOSED EARTHWORK SHALL BE CONFINED TO AS LIMITED AN AREA AS IS PRACTICAL AT ANY GIVEN TIME THROUGHOUT THE CONSTRUCTION SEQUENCE. AT NO TIME SHALL MORE THAN FIVE (5) ACRES OF SITE AREA BE IN AN UNSTABLE CONDITION. NO GIVEN AREA OF THE SITE SHALL BE LEFT IN AN UNSTABILIZED CONDITION FOR A PERIOD OF TIME EXCEEDING THIRTY (30) CALENDAR DAYS.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PROJECT PLANS. IN ADDITION, SIMILAR MEASURES SHALL BE INSTALLED WHERE AND WHEN THE FIELD CONDITION, OR FIELD OPERATION OF THE INDIVIDUAL SITE CONTRACTOR, MAY WARRANT. ALL TEMPORARY EROSION CONTROL MEASURES USED SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.25" OF RAINFALL OR MORE. THEY SHALL BE CLEANED AND MAINTAINED AND OTHERWISE KEPT IN AN EFFECTIVE OPERATING MANNER THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL DISTURBED AREAS DESIGNATED TO BE TURF, SHALL RECEIVE A MINIMUM APPLICATION OF 4 INCHES OF LOAM (COMPACTED THICKNESS), PRIOR TO FINAL SEEDING AND MULCHING.
- ALL SWALES AND DITCHLINES SHALL BE PERIODICALLY CLEANED OF DEPOSITED SEDIMENT SO AS TO MAINTAIN AN EFFECTIVE GRADE AND CROSS SECTION. ALL SWALES AND DITCHLINES SHALL BE FULLY STABILIZED PRIOR TO HAVING STORMWATER DIRECTED TOWARDS THEM IN THE EVENT THAT, DURING CONSTRUCTION OF ANY PORTION OF THIS PROJECT, A WINTER SHUTDOWN IS NECESSARY. THE CONTRACTOR SHALL STABILIZE ALL INCOMPLETE WORK AND PROVIDE FOR SUITABLE METHODS OF DIVERTING RUNOFF IN ORDER TO ELIMINATE SHEET FLOW ACROSS FROZEN SURFACES.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE GRAVELS ARE INSTALLED IN AREAS TO BE PAVED;
 - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - A MINIMUM OF 3" OF NON-SODIUM POLYMER MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED; OR
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- DUST SHALL BE CONTROLLED BY THE USE OF WATER AS NECESSARY THROUGHOUT THE CONSTRUCTION PERIOD, IN ACCORDANCE WITH ENV-A 1000.
- IN NO WAY ARE THOSE TEMPORARY EROSION CONTROL MEASURES INDICATED ON THESE PLANS TO BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL USE JUDGEMENT IN INSTALLING SUPPLEMENTARY EROSION CONTROL MEASURES WHERE AND WHEN SPECIFIC SITE CONDITIONS AND/OR CONSTRUCTION METHODOLOGIES MAY WARRANT.
- AREAS HAVING FINISH GRADE SLOPES OF 3:1 OR STEEPER, SHALL BE STABILIZED WITH JUTE MATTING WHEN AND IF FIELD CONDITIONS WARRANT, OR IF SO ORDERED. JUTE MATTING INSTALLED TO CONFORM WITH THE RECOMMENDED BEST MANAGEMENT PRACTICE OUTLINED IN VOLUME 3 OF THE NEW HAMPSHIRE STORMWATER MANUAL. "EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION".
- THE TOWN SHALL RESERVE THE RIGHT TO REQUIRE FURTHER EROSION CONTROL PRACTICES DURING CONSTRUCTION SHOULD THEY FIND IT NECESSARY.
- ALL DETENTION PONDS AND TREATMENT SWALES SHALL BE CONSTRUCTED PRIOR TO ANY EARTH MOVING ACTIVITIES IN AREAS THAT DIRECT RUNOFF TO THE STRUCTURES.
- ALL ROADWAYS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.

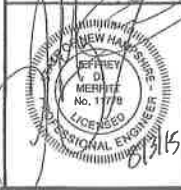
CONSTRUCTION DETAILS
EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC, 21 CONTINENTAL BOULEVARD, MERRIMACK, NH 03054

OWNER OF MAP 186; LOT 20-4: KELLY A. TRUDEL, 11 KARAS CROSSING DRIVE, HUDSON, NH 03051

OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST, MARIO & DENISE PLANTE, TRUSTEES, 9 OLD DERRY ROAD, HUDSON, NH 03051

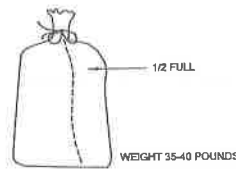
K/A KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Conquerer Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2881



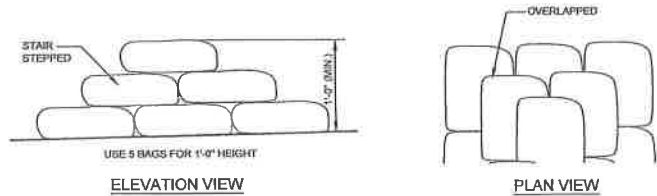
REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JOM
2	06/18/15	REVISED PER TOWN COMMENTS	JOM
3	07/27/15	REVISED PER TOWN COMMENTS	JOM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 74 OF 102

FILL SAND BAGS 1/2 TO 2/3 FULL, TIE AT TOP SO BAG WILL LAY FLAT WHEN PUT IN PLACE. A PROPERLY FILLED SAND BAG SHOULD WEIGH BETWEEN 35-40 POUNDS.

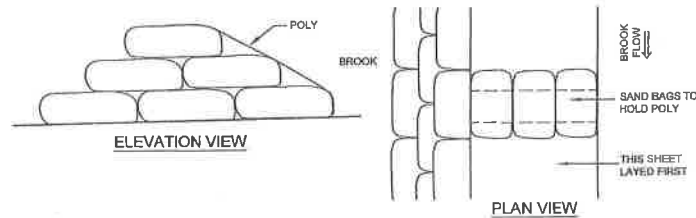


SAND BAGS SHOULD BE PLACED FLAT ON UNDISTURBED EXISTING GROUND, OVERLAPPED, TAMPED INTO PLACE AND STAIRS STEPPED.

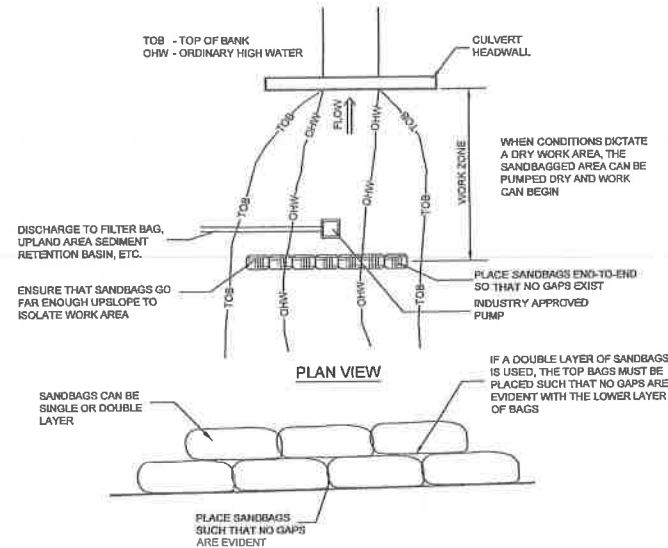


IF NEEDED, ADD A POLYETHYLENE BARRIER TO PREVENT SEEPAGE.

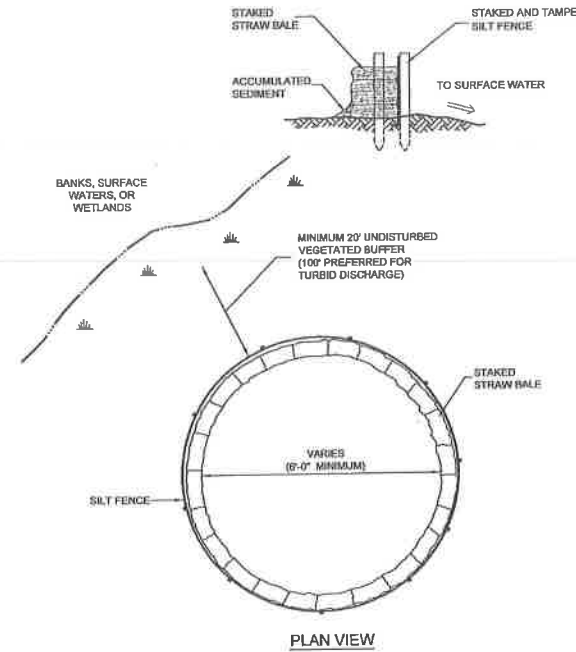
POLYETHYLENE (PLASTIC) COMES IN ROLLS 20 FEET WIDE BY 100 FEET LONG. PLASTIC SHOULD BE PLACED ON DOWNSTREAM SIDE WITH A TWO TO THREE FOOT OVERLAP. PLASTIC IS HELD IN PLACE WITH SANDBAGS.



SANDBAG BARRIER DETAIL
NOT TO SCALE
(MARCH 2008)



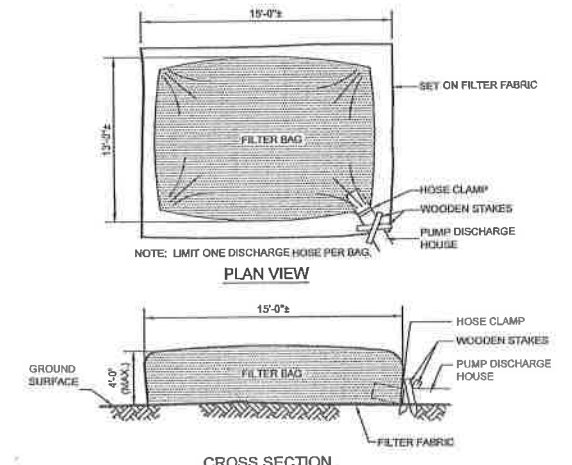
TEMPORARY SANDBAG COFFERDAM DETAIL
NOT TO SCALE
(AUGUST 2013)



SEDIMENT RETENTION BASIN
NOT TO SCALE
(AUGUST 2013)

WINTER CONSTRUCTION NOTES:

- ALL PROPOSED POST-DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 4:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE PLACEMENT OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER MHDOT ITEM 304.3 OR, IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON, BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE GRAVELS ARE INSTALLED IN AREAS TO BE PAVED;
 - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - A MINIMUM OF 3" OF NON-EROSIVE MATERIAL, SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED; OR
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.



- NOTES:**
FILTER BAGS SHALL MEET THE FOLLOWING SPECIFICATIONS AND ADHERE TO THE FOLLOWING GUIDELINES:
- THEY ARE CONSTRUCTED OF A NON-WOVEN GEOTEXTILE FABRIC.
 - ONLY ONE SIX-INCH DISCHARGE HOSE WILL BE ALLOWED PER FILTER BAG.
 - BAG CAPACITY WILL BE EXCEEDED BEYOND 2,000 GALLONS PER MINUTE.
 - TYPICAL, RECOMMENDED BAG DIMENSIONS ARE 18 FEET BY 13.25 FEET.
 - TO HELP PREVENT PUNCTURES, GEOTEXTILE FABRICS SHALL BE PLACED BENEATH THE FILTER BAG WHEN USED IN WOODED LOCATIONS.
 - HOSE CLAMPS SHALL BE USED TO SECURE THE DISCHARGE HOSE TO THE FILTER BAG.
- WHEN MAINTAINING FILTER BAGS TO ENSURE PROPER FUNCTION, THE FOLLOWING CONDITIONS SHALL APPLY:
- PRIOR TO REMOVING THE BAG FROM THE HOSE, THE BAG WILL BE TIED OFF BELOW THE END OF THE HOSE, ALLOWING THE BAG TO DRAIN.
 - TO AVOID RUPTURE, THE BAGS WILL BE ATTENDED AND PUMPING RATES MONITORED.
 - ONCE THE BAG IS INFLATED TO A HEIGHT OF FOUR (4) FEET, PUMPING SHALL STOP TO AVOID RUPTURE.
 - FILTER BAGS USED DURING CONSTRUCTION SHALL BE BUNDLED AND REMOVED FOR PROPER DISPOSAL.

FILTER BAGS FOR DEWATERING DISCHARGE
NOT TO SCALE
(AUGUST 2013)

CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. IN THE EVENT THAT A DISCREPANCY FROM THE INFORMATION SHOWN ON THESE PLANS IS FOUND, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO RESOLVE THE SITUATION.
- PRIOR TO CONSTRUCTION, CONTACT DIG SAFE CENTER, TOLL FREE 811, NEW HAMPSHIRE STATE LAW REQUIRES NOTIFICATION AT LEAST THREE BUSINESS DAYS BEFORE DIGGING OPERATIONS START. IF AN EMERGENCY, CALL IMMEDIATELY.
- ALL WORKMANSHIP AND MATERIALS INCORPORATED INTO THE CONSTRUCTION OF ROADS AND DRAINAGE SHOWN HEREON SHALL CONFORM WITH THE STANDARDS OF THE TOWN OF HUDSON ENGINEERING DEPARTMENT AND THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PUBLISHED AND AMENDED BY THE N.H.D.O.T.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL DEVICES, AS SHOWN IN THESE PLANS, THROUGHOUT THE DURATION OF THE PROJECT IN ACCORDANCE WITH APPLICABLE NHDES STANDARDS. THE EROSION CONTROL MEASURES PROVIDED SERVE AS A GUIDE ONLY AND SHALL BE CONSIDERED A MINIMUM STANDARD. CONTRACTOR SHALL IMPLEMENT ANY AND ALL ADDITIONAL MEASURES AS FIELD CONDITIONS DICTATE OR AS REQUIRED BY LOCAL OR STATE GUIDELINES. ALL EROSION CONTROL SHALL BE MAINTAINED AND/OR REPLACED IF DAMAGED.
- THE CONTRACTOR SHALL STABILIZE ALL DITCHES, SWALES AND PONDS PRIOR TO DIRECTING STORM WATER RUN-OFF TO THEM.
- SILT FENCING TO BE CONSTRUCTED AS IDENTIFIED ON THIS PLAN. SILT FENCING BARRIERS TO BE CHECKED WEEKLY AND/OR AFTER LARGE STORM EVENTS. ALL SILT MATERIAL TO BE REMOVED. ANY DAMAGED SILT FENCING SHALL BE REINSTALLED IMMEDIATELY.
- SLOPE STABILIZATION METHODS SHALL BE PROVIDED IN ACCORDANCE WITH THE NHDES SITE SPECIFIC PERMIT OR AS FIELD CONDITIONS DICTATE. SLOPE STABILIZATION SHALL BE PROVIDED ON ALL SLOPES 3:1 AND GREATER AS A MINIMUM STANDARD. PROVIDE SLOPE STABILIZATION ON SLOPES LESS THAN 3:1 IF WARRANTED AS FIELD CONDITIONS DICTATE.
- THE DRAINAGE DESIGN AND EROSION CONTROL MEASURES AS PROPOSED MEET ALL TOWN AND STATE REQUIREMENTS AND BEST MANAGEMENT PRACTICES AS PROMULGATED BY THE NHDES.
- ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS IN THE IMMEDIATE AREA.
- TOPSOIL SHALL BE REMOVED FOR ITS TOTAL DEPTH WITHIN THE LIMITS OF GRADING, UNLESS OTHERWISE DIRECTED. THE TOPSOIL SHALL BE STOCKPILED AND USED IN ITS ENTIRETY. STOCKPILE SOIL IN ACCORDANCE WITH MHDOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION).
- UNSUITABLE MATERIAL, ROOTS AND STUMPS WITHIN THE LIMITS OF WORK SHALL BE REMOVED FROM THE SITE AS ORDERED. DISPOSAL OF SUCH MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AND GUIDELINES AS APPLICABLE OR AS DIRECTED.
- THE SUBGRADE SHALL BE SCARIFIED TO ASSURE THAT ALL BOULDERS AND COBBLES OVER 6" ARE REMOVED.
- ALL WORKMANSHIP AND MATERIALS INCORPORATED INTO THE CONSTRUCTION OF ELECTRIC LINES SHALL CONFORM WITH THE STANDARDS OF THE OWNING UTILITY COMPANY.
- ALL WORKMANSHIP AND MATERIALS INCORPORATED INTO THE CONSTRUCTION OF TELEPHONE LINES SHALL CONFORM WITH THE STANDARDS OF THE OWNING TELEPHONE COMPANY.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND WITHIN THE CONSTRUCTION AREA. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COORDINATE MATERIALS AND INSTALLATION SPECIFICATIONS WITH THE INDIVIDUAL UTILITY AGENCIES/COMPANIES AND ARRANGE FOR ALL INSPECTIONS.
- UTILITY STUB CONNECTIONS SHOWN TO PROPOSED LOTS ARE APPROXIMATE AND INTENDED TO ILLUSTRATE FEASIBILITY OF CONSTRUCTING CONNECTIONS. THE CONTRACTOR SHALL PROVIDE SERVICE STUBS AS DIRECTED BY THE OWNING UTILITY COMPANY AND LOCAL AUTHORITY.
- CONTRACTOR SHALL COORDINATE WITH PHONE, CABLE AND ELECTRIC COMPANIES FOR POTENTIAL NEED OF INDIVIDUAL SECTORS AT EACH LOT SERVICE CONNECTION.
- THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY HIS WORK AT ALL TIMES.
- VERIFY TBM ELEVATIONS PRIOR TO CONSTRUCTION.

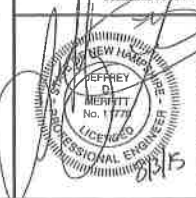
CONSTRUCTION DETAILS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MEHRMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KMA KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture

16 Campton Park North, Suite 8B, Bedford, NH 03110 Phone (603) 627-2881



No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/21/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT No: 11-0202-1 SHEET 75 OF 102

TP #R1
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
17"	C1	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE LOAMY SAND TRACE ROOTS
32" E.S.H.W.T.	C2	7.5YR 4/3 FINE SANDY LOAM COMMON GRAVEL NO ROOTS COMMON B SIZE BOULDERS

43" BOTTOM OF HOLE NO LEDGE

TP #R2
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 5-31-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
6"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
24"	C1	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM TRACE ROOTS
36" E.S.H.W.T.	C2	WEAK GRANULAR, FRIABLE 2.5YR 5/2 FINE LOAMY SAND BLACK SPECS NO ROOTS

53" BOTTOM OF HOLE NO REFUSAL

TP #R3
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 5-31-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
25"	C	WEAK GRANULAR, FRIABLE 2.5YR 6/3 FINE SANDY LOAM TRACE ROOTS TO 38" A CLASS BOULDERS

61" BOTTOM OF HOLE NO LEDGE

TP #R4
 LOGGED BY SBK
 PERC. TEST @ 25"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: 52"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
24"	C	WEAK GRANULAR, FRIABLE 2.5YR 6/2 FINE SANDY LOAM NO ROOTS MANY BOULDERS AND ROTTEN LEDGE
40" E.S.H.W.T.		7.5YR 6/9 MOTTLES

52" BOTTOM OF HOLE POSSIBLE LEDGE

TP #R5
 LOGGED BY SBK
 PERC. TEST @ 25"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS BOULDERS 6" MINUS
19"	C1	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM FEW ROOTS
32" E.S.H.W.T.	C2	WEAK GRANULAR, FRIABLE 10YR 5/3 FINE SANDY LOAM NO ROOTS

43" BOTTOM OF HOLE LARGE BOULDER NO ROTTEN LEDGE

TP #R6
 LOGGED BY SBK
 PERC. TEST @ 25"
 DATE: 5-31-12
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 5/8 FINE SANDY LOAM COMMON ROOTS
28"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 46"

53" BOTTOM OF HOLE NO LEDGE

TP #R7
 LOGGED BY SBK
 PERC. TEST @ 25"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
9"	C1	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM COMMON ROOTS
28"	C2	WEAK GRANULAR, FRIABLE 10YR 5/2 FINE SANDY LOAM TRACE ROOTS TO 41" TRACE B BOULDERS AND COMMON C BOULDERS

56" BOTTOM OF HOLE NO LEDGE

TP #R8
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 5-31-12
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM COMMON ROOTS
28"	C1	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 41"
41" E.S.H.W.T.	C2	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM POSSIBLE DEPLETIONS AT 54"

54" BOTTOM OF HOLE NO LEDGE

TP #R9
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: 41"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM COMMON ROOTS
41" E.S.H.W.T.	C	TRACE ROOTS TO 27" MIXES WITH ROCK DIRECTLY ROTTEN LEDGE NO E.S.H.W.T.

41" BOTTOM OF HOLE ROTTEN LEDGE

TP #R10
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM COMMON ROOTS
29"	C	WEAK GRANULAR, FRIABLE 2.5YR 6/2 FINE SANDY LOAM TRACE ROOTS TO 44"

63" BOTTOM OF HOLE NO LEDGE

TP #R11
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM COMMON ROOTS
31"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 34" FEW B BOULDERS

52" BOTTOM OF HOLE NO LEDGE

TP #R12
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: AT 47"

DEPTH	HORIZON	DESCRIPTION
6"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
27"	C	WEAK GRANULAR, FRIABLE 10YR 5/2 FINE SANDY LOAM TRACE ROOTS TO 31" TRACE MOTTLES BELOW 31" Fe REDUCTIONS STANDING WATER AT 47"

54" BOTTOM OF HOLE NO LEDGE

TP #R13
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: AT 45"

DEPTH	HORIZON	DESCRIPTION
5"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
25"	C	WEAK BLOCKY GRANULAR, FRIABLE 10YR 5/2 FINE SANDY LOAM TRACE ROOTS TO 33" Fe CONCENTRATIONS STANDING WATER TO 45"

54" BOTTOM OF HOLE NO LEDGE

TP #R14
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 5-31-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: AT 46"

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
30"	C	WEAK GRANULAR, FRIABLE 10YR 5/2 FINE SANDY LOAM TRACE ROOTS TO 34" FEW Fe STANDING WATER AT 46"

60" BOTTOM OF HOLE NO LEDGE

TP #R15
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 6-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 8/8 FINE SANDY LOAM COMMON ROOTS
35"	C	WEAK GRANULAR, FRIABLE 2.5YR 6/4 FINE SANDY LOAM TRACE ROOTS 48" NO REDUCTIONS COMMON G BOULDERS

57" BOTTOM OF HOLE

TP #R16
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 6-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
6"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS COMMON A BOULDERS
28"	C	WEAK GRANULAR, FRIABLE 2.5YR 6/4 FINE SANDY LOAM TRACE ROOTS TO 46" COMMON A BOULDERS

60" BOTTOM OF HOLE NO LEDGE

TP #R17
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 6-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM COMMON ROOTS COMMON A BOULDERS
31"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 41" COMMON A BOULDERS

54" BOTTOM OF HOLE ROTTEN LEDGE

TP #R18
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 6-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM FEW ROOTS
35"	C	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM TRACE ROOTS TO 41"

52" BOTTOM OF HOLE NO LEDGE

TP #R19
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 6-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: AT 46"

DEPTH	HORIZON	DESCRIPTION
6"	A	FOREST LITTER
9"	B	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM COMMON ROOTS
26"	C	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM TRACE ROOTS TO 32" STANDING WATER AT 46"

60" BOTTOM OF HOLE NO LEDGE

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7 GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENISE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KMA KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-8881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 76 OF 102



N:_proj\110202\110202-1.dwg, TEST PITS, 7/29/2015 10:03:19 AM, News

TP #R20
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS FEW A BOULDERS
20"	C	WEAK GRANULAR, FRIABLE 10YR 5/2 FINE SANDY LOAM TRACE ROOTS TO 33"
33"	E.S.H.W.T.	

52" BOTTOM OF HOLE NO LEDGE

TP #R21
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: AT 67"

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
21"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM ROOTS TO 38" ROTTEN LEDGE AT 50" STANDING WATER AT 67"
38"	E.S.H.W.T.	

79" BOTTOM OF HOLE NO LEDGE

TP #R22
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS HALF WAY TRACE ROOTS TO 32"
32"	E.S.H.W.T.	
49"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM
49"	E.S.H.W.T.	

56" BOTTOM OF HOLE NO LEDGE

TP #R23
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS TRACE ROOTS BELOW
43"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 49"
49"	E.S.H.W.T.	

65" BOTTOM OF HOLE NO LEDGE

TP #R24
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM MANY ROOTS TO 12"
29"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 41"
41"	E.S.H.W.T. C1	
46"	C2	ROTTEN LEDGE

62" BOTTOM OF HOLE NO LEDGE

TP #R25
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 6-1-12
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
26"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 48"
48"	E.S.H.W.T.	

74" BOTTOM OF HOLE NO LEDGE

TP #R26
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
26"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 57"
57"	E.S.H.W.T.	

75" BOTTOM OF HOLE NO LEDGE

TP #R27
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
32"	C	WEAK GRANULAR, FRIABLE 25YR 5/4 FINE SANDY LOAM TRACE ROOTS TO 48"
48"	E.S.H.W.T.	

64" BOTTOM OF HOLE NO LEDGE

TP #R28
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
22"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 33" NO E.S.H.W.T.
44"	E.S.H.W.T.	

44" BOTTOM OF HOLE, NO LEDGE

TP #R29
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
32"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 43"
43"	E.S.H.W.T.	

60" BOTTOM OF HOLE NO LEDGE

TP #R30
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM MANY ROOTS TO 18" COMMON ROOTS AFTER
26"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 48"
48"	E.S.H.W.T.	

57" BOTTOM OF HOLE NO LEDGE

TP #R31
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
29"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 41"
41"	E.S.H.W.T.	

50" BOTTOM OF HOLE NO LEDGE

TP #R32
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 53"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
5"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM MANY ROOTS COMMON BOULDERS
25"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 45"
45"	E.S.H.W.T.	

53" BOTTOM OF HOLE @ ROTTEN LEDGE

TP #R33
 LOGGED BY SBK
 PERC. TEST @ 24"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 48"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
32"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 42" NO E.S.H.W.T.
48"	E.S.H.W.T.	

48" BOTTOM OF HOLE @ LEDGE

TP #R34
 LOGGED BY SBK
 PERC. TEST @ 26"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
33"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 54"
54"	E.S.H.W.T.	

66" BOTTOM OF HOLE NO LEDGE

TP #R35
 LOGGED BY SBK
 PERC. TEST @ 26"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 33"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS TO 20" ON TOP OF REFUSAL FEW ROOTS TO BOTTOM NO E.S.H.W.T.
33"	E.S.H.W.T.	

33" BOTTOM OF HOLE @ LEDGE

TP #R36
 LOGGED BY SBK
 PERC. TEST @ 26"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
26"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 43"
43"	E.S.H.W.T.	

54" BOTTOM OF HOLE NO LEDGE

TP #R37
 LOGGED BY SBK
 PERC. TEST @ 26"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS TO 12" FEW ROOTS TO HORIZON
33"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 47"
47"	E.S.H.W.T.	

57" BOTTOM OF HOLE NO LEDGE

TP #R38
 LOGGED BY SBK
 PERC. TEST @ 26"
 DATE: 6-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
6"	A	FOREST LITTER
0"	B	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM COMMON ROOTS
26"	C	WEAK GRANULAR, FRIABLE 10YR 7/6 FINE SANDY LOAM TRACE ROOTS TO 42"
42"	E.S.H.W.T.	

60" BOTTOM OF HOLE NO LEDGE

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186: LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03064	OWNER OF MAP 188: LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201: LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	05/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 77 OF 102

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TP #28

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-7-11
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 42"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
4"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8 FEW ROOTS
20"		
C1		ANGULAR BLOCKY, FIRM IN PLACE, FRIABLE IN HAND LOAMY SAND 10YR 6/3 FEW ROOTS
42"		
ESHWT @ 42"		
C2		PLATY, FIRM CLAYEY LOAMY SAND, 10YR 7/2 FEW DISTINCT Fe CONC.
72"		BOTTOM OF HOLE NO LEDGE

TP #27

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-7-11
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: 54"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 40"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/4 MANY ROOTS COMMON COBBLES AND BOULDERS
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8 COMMON ROOTS COMMON COBBLES
24"		
ESHWT @ 40"		
C		WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 FEW Fe CONC. AT 40"
54"		BOTTOM OF HOLE @ REFUSAL LEDGE/LARGE ROCKS

TP #27A

LOGGED BY JN
PERC. TEST @ 22"
DATE: 12-7-11
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: 50"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 40"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/4 MANY ROOTS COMMON COBBLES AND BOULDERS
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8 COMMON ROOTS COMMON COBBLES
24"		
ESHWT @ 40"		
C		WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 FEW Fe CONC. AT 40"
50"		BOTTOM OF HOLE @ REFUSAL LEDGE/LARGE ROCKS

TP #26

LOGGED BY JN
PERC. TEST @ 22"
DATE: 12-7-11
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: 60"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 40"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/4
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8 COMMON ROOTS
24"		
ESHWT @ 40"		
C		WEAK GRANULAR, FRIABLE LOAMY SAND 2.5Y 7/3 FEW Fe CONC. AT 40"
60"		BOTTOM OF HOLE @ REFUSAL LEDGE

TP #25

LOGGED BY JN
PERC. TEST @ 22"
DATE: 12-7-11
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 46"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/4
4"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8
26"		
C1		WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/2
46"		
ESHWT @ 46"		
C2		ANGULAR BLOCKY, FRIABLE LOAMY SAND 10YR 6/2 FEW DISTINCT Fe CONC.
76"		BOTTOM OF HOLE NO LEDGE

TP #29

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: 24"
E.S.H.W.T.: 24"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/4 MANY ROOTS
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 COMMON ROOTS
24"		
ESHWT @ 24"		
C		BLOCKY, FRIABLE LOAMY SAND 10YR 6/3 WET, COMMON DISTINCT Fe CONC.
72"		BOTTOM OF HOLE NO LEDGE

TP #30

LOGGED BY JN
PERC. TEST @ 22"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: 28"
E.S.H.W.T.: 24"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 COMMON ROOTS
24"		
ESHWT @ 24"		
C		BLOCKY, FRIABLE LOAMY SAND 10YR 6/3 WET, COMMON DISTINCT Fe CONC.
78"		BOTTOM OF HOLE NO LEDGE

TP #31

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: 30"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 COMMON ROOTS
26"		
ESHWT @ 26"		
C		BLOCKY, FRIABLE LOAMY SAND 10YR 6/3 WET, COMMON DISTINCT Fe CONC.
76"		BOTTOM OF HOLE NO LEDGE

TP #32

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: 30"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/6 COMMON ROOTS
24"		
ESHWT @ 36"		
C1		WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 6/3 FEW ROOTS FEW Fe CONC. AT 36"
48"		
C2		BLOCKY, FRIABLE LOAMY SAND 10YR 7/2 COMMON Fe CONC.
72"		BOTTOM OF HOLE NO LEDGE

TP #33

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: 60"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/4 MANY ROOTS
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 COMMON ROOTS
26"		
ESHWT @ 34"		
C		BLOCKY, FRIABLE LOAMY SAND 10YR 7/2 FEW ROOTS TO 32" FEW DISTINCT Fe CONC. AT 34"
76"		BOTTOM OF HOLE NO LEDGE

TP #33A

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: 60"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/4 MANY ROOTS
4"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 COMMON ROOTS
24"		
ESHWT @ 34"		
C		BLOCKY, FRIABLE LOAMY SAND 10YR 7/2 FEW ROOTS TO 32" FEW DISTINCT Fe CONC. AT 34"
72"		BOTTOM OF HOLE NO LEDGE

TP #35

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: 52"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/4 MANY ROOTS
7"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/6 COMMON ROOTS
32"		
ESHWT @ 40"		
C		WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 FEW ROOTS TO 38" FEW DISTINCT Fe CONC. @ 40"
52"		BOTTOM OF HOLE @ LEDGE

TP #35A

LOGGED BY JN
PERC. TEST @ 20"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
8"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 COMMON ROOTS
24"		
ESHWT @ 38"		
C		WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 FEW ROOTS TO 36" FEW FAINT Fe CONC. AT 38"
72"		BOTTOM OF HOLE NO LEDGE

TP #36

LOGGED BY JN
PERC. TEST @ 24"
DATE: 12-13-11
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: 48"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
A		WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
6"		
B		WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/4 FEW ROOTS
26"		
ESHWT @ 26"		
C		BLOCKY, FIRM LOAMY SAND 10YR 8/3 COMMON DISTINCT Fe CONC.
65"		BOTTOM OF HOLE NO LEDGE

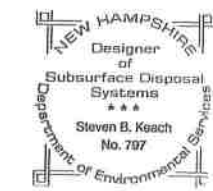
PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



TEST PIT LOGS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTÉ, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 78 OF 102

M:\Projects\110202\1102021\1102021-DETAILS.dwg, TEST PITS, 7/29/2015 10:03:01 AM, rnews

TP #JM1
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-7-12
 PERC. RATE: 15 MIN./IN.
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: 60"

DEPTH	HORIZON	DESCRIPTION
4"	F	FOREST MAT
9"	A	LOAMY SAND, FRIABLE 10YR 5/8 MANY ROOTS FEW 6"-12" STONES
14"	B	FINE SANDY LOAM, FRIABLE 2.5YR 5/6 TRACE ROOTS
31" ESHWT @ 31"	C	FINE SAND WITH GRAVEL, FRIABLE 2.5YR 5/4 NO ROOTS REDOX FEATURES PRESENT 2.5YR 5/8-Fe CONC. 10YR 7/2-Fe DEP. WATER @ 60"

60" BOTTOM OF HOLE NO LEDGE

TP #JM2
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-7-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: 39"

DEPTH	HORIZON	DESCRIPTION
0"		LEDGE PROBE FOR ROAD AT STA 14+50 +/- STANDING WATER AT 39"
39"		POSSIBLE LEDGE AT 48" NO E.S.H.W.T.

48" BOTTOM OF HOLE POSSIBLE LEDGE

TP #JM3
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-7-12
 PERC. RATE: 15 MIN./IN.
 IMPERVIOUS LAYER: 76"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	F	FOREST MAT
0"	A	FINE LOAMY SAND, FRIABLE 10YR 3/4 COMMON ROOTS
11"	B	FINE SANDY LOAM, FRIABLE 10YR 5/8 TRACE ROOTS
22"	C	FINE SANDY GRAVEL, FRIABLE Fe MOTILES AT 46" 2.5YR 6/4 7.5YR 6/8-Fe CONC. 2.5 YR 7/2-Fe DEP.

76" BOTTOM OF HOLE @ LEDGE

TP #JM4
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-7-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: 86"

DEPTH	HORIZON	DESCRIPTION
3"	F	FOREST MAT
0"	A	FINE LOAMY SAND, FRIABLE 10YR 3/4
14"	B1	FINE SANDY LOAM 7.5YR 7/8 ROOTS COMMON TRACE 8"-18" BOULDERS
26"	B2	FINE SANDY LOAM, FRIABLE 2.5YR 6/8 FEW ROOTS TRACE 0"-6" BOULDERS
33"	C	FINE SAND, FRIABLE WITH COMMON MOTILES AT 52" 2.5YR 6/4 7.5YR 6/8-Fe CONC. 2.5YR 7/2-Fe DEP.

86" BOTTOM OF HOLE NO LEDGE

TP #JM6
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-7-12
 PERC. RATE: 15 MIN./IN.
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: 36"

DEPTH	HORIZON	DESCRIPTION
3"	F	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 3/2 COMMON ROOTS
9"	B	SANDY LOAM, FRIABLE 10YR 5/6 FEW ROOTS TRACE 0-6" COBBLES
24" ESHWT @ 24"	C	FINE SAND, FRIABLE ROOTS TO 24" WATER AT 36" DISTINCT Fe MOTILES 2.5YR 5/4 10YR 4/8-Fe CONC. 2.5YR 7/8-Fe DEP.

55" BOTTOM OF HOLE NO LEDGE

TP #JM7
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-7-12
 PERC. RATE: 15 MIN./IN.
 IMPERVIOUS LAYER: 68"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST MAT
0"	A	FINE SANDY LOAM, FRIABLE COMMON ROOTS 7.5YR 4/6
19"	B	FINE SANDY LOAM, FRIABLE ROOTS TO 36" FEW 6"-18" COBBLES 10YR 5/6
42" ESHWT @ 50"	C	FINE TO MED. SAND, FRIABLE TRACE 0-6" COBBLES 2.5YR 6/4 7.5YR 5/8-Fe CONC. 2.5YR 7/2-Fe DEP.

68" BOTTOM OF HOLE LEDGE

TP #JM8
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-7-12
 PERC. RATE: 15 MIN./INCH
 IMPERVIOUS LAYER: 68"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE COMMON ROOTS 10YR 3/3 TRACE 0-6" COBBLES
16"	B	SANDY LOAM, FRIABLE FEW ROOTS 10YR 5/4 COMMON 6"-18" STONES
36" ESHWT @ 38"	C	SANDY LOAM, FRIABLE MANY COBBLES/BOULDERS 2.5YR 6/4 7.5YR 5/3 5YR 5/8-Fe CONC.

68" BOTTOM OF HOLE @ LEDGE

TP #JM9
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE:
 IMPERVIOUS LAYER: 78"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 4/4 COMMON ROOTS
12"	B	FINE SANDY LOAM, FRIABLE 10YR 5/8 FEW ROOTS FEW 0-6" COBBLES
38" ESHWT @ 52"	C	MEDIUM SAND, FRIABLE 2.5Y 7/3 COMMON 0-6" COBBLES 5YR 4/8-Fe CONC.

78" BOTTOM OF HOLE @ LEDGE

TP #JM10
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 7.5YR 4/6 COMMON ROOTS
17"	B	FINE SANDY LOAM, FRIABLE 10YR 5/6 TRACE 0-6" COBBLES FEW ROOTS
36" ESHWT @ 44"	C	FINE SAND, FRIABLE 2.5Y 7/3 FEW 0-6" COBBLES 5YR 5/8-Fe CONC.

77" BOTTOM OF HOLE NO LEDGE

TP #JM16
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE: 8 MIN/INCH
 IMPERVIOUS LAYER: 56"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 4/6 COMMON ROOTS
9"	B	FINE SANDY LOAM, FRIABLE 10YR 5/6 FEW ROOTS
32" ESHWT @ 31"	C	MEDIUM SAND, FRIABLE 2.5Y 7/3 TRACE COBBLES 5YR 5/8-Fe CONC.

56" BOTTOM OF HOLE @ LEDGE

TP #JM21
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE:
 IMPERVIOUS LAYER: 36"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 4/6 FEW ROOTS
11"	B	FINE SANDY LOAM, FRIABLE 2.5Y 6/4 TRACE ROOTS TRACE 0-6" COBBLES
23" ESHWT @ 24"	C	MEDIUM SAND, FRIABLE TRACE 0-6" COBBLES 2.5Y 7/3 7.5YR 6/8-Fe CONC.

36" BOTTOM OF HOLE @ LEDGE

TP #JM34
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE:
 IMPERVIOUS LAYER: 35"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 7.5YR 4/6 TRACE ROOTS
10"	B	FINE SAND, FRIABLE 10YR 5/8 TRACE ROOTS
24" ESHWT @ 27"	C	MEDIUM SAND, FRIABLE TRACE 0-6" COBBLES 2.5Y 5/4 7.5YR 6/8-Fe CONC.

35" BOTTOM OF HOLE @ LEDGE

TP #JM35
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE: 12 MIN/INCH
 IMPERVIOUS LAYER: 43"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 5/8 COMMON ROOTS
9"	B	FINE SAND, FRIABLE 10YR 5/6 TRACE ROOTS TRACE 0-6" COBBLES
34" ESHWT @ 34"	C	FINE SAND, FRIABLE 2.5Y 7/3 TRACE 0-6" COBBLES 7.5YR 6/8-Fe CONC.

43" BOTTOM OF HOLE @ LEDGE

TP #JM36
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE:
 IMPERVIOUS LAYER: 33"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 3/6 COMMON ROOTS
8"	B	FINE SAND, FRIABLE 10YR 5/8 TRACE ROOTS TRACE 0-6" COBBLES
30" ESHWT @ 30"	C	FINE SAND, FRIABLE 2.5Y 7/3 TRACE 0-6" COBBLES 7.5YR 6/8-Fe CONC.

33" BOTTOM OF HOLE @ LEDGE

TP #JM39
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE:
 IMPERVIOUS LAYER: 42"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 3/4 FEW ROOTS
13"	B	SANDY LOAM, FRIABLE 7.5YR 5/8 TRACE ROOTS TRACE 0-6" COBBLES
29" ESHWT @ 32"	C	MEDIUM SAND, FRIABLE 2.5Y 6/2 TRACE 0-6" COBBLES 7.5YR 6/8-Fe CONC.

42" BOTTOM OF HOLE @ LEDGE

TP #JM40
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE:
 IMPERVIOUS LAYER: 26"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 3/3 FEW ROOTS
8"	B	FINE SAND 10YR 5/6 COBBLES FEW ROOTS ESHWT @ 26"

26" BOTTOM OF HOLE @ LEDGE

TP #JM41
 LOGGED BY JDM
 PERC. TEST
 DATE: 6-8-12
 PERC. RATE:
 IMPERVIOUS LAYER: 32"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"	A	LOAMY SAND, FRIABLE 10YR 3/4 FEW ROOTS
11"	B	SANDY LOAM, FRIABLE 7.5YR 6/8 TRACE ROOTS TRACE 0-6" COBBLES
25" ESHWT @ 30"	C	MEDIUM SAND, FRIABLE 2.5Y 6/2 TRACE 0-6" COBBLES 7.5YR 6/8-Fe CONC.

32" BOTTOM OF HOLE @ LEDGE

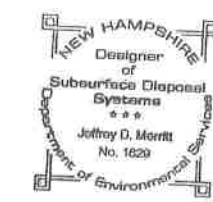
PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

APPROVED BY: THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

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TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7; GREEN MOUNTAIN PARTNERS REAL TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 79 OF 102

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TP #100
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 72"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
24"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 5/4 VERY STONY
72" BOTTOM OF HOLE NO LEDGE		

TP #101
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 68"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
26"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 5/4 VERY STONY
68" BOTTOM OF HOLE NO LEDGE		

TP #102
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 65"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/4 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
26"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/3 VERY STONY ROOTS TO 65"
65" BOTTOM OF HOLE NO LEDGE		

TP #103
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: 44"
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 44"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
24"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/3 VERY STONY
44" BOTTOM OF HOLE NO LEDGE		

TP #104
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 72"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
28"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/4 VERY STONY ROOTS TO 60"
72" BOTTOM OF HOLE NO LEDGE		

TP #105
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 78"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
28"	C	LOAMY SAND, PLATY 10YR 6/3 FIRM IN PLACE, FRIABLE IN HAND
78" BOTTOM OF HOLE NO LEDGE		

TP #106
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 68"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
26"	C1	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/4 FEW ROOTS
48"	C2	BLOCKY, FRIABLE, LOAMY FINE SAND 10YR 7/2
68" BOTTOM OF HOLE NO LEDGE		

TP #107
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 72"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 MANY ROOTS
26"	C1	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/4 FEW ROOTS
48"	C2	BLOCKY, FRIABLE, LOAMY FINE SAND 10YR 7/2
72" BOTTOM OF HOLE NO LEDGE		

TP #108
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: 28"
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 28"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
8"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
28" BOTTOM OF HOLE NO LEDGE		

TP #109
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: 46"
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 46"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
22"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/4 ROOTS TO 46"
46" BOTTOM OF HOLE NO LEDGE		

TP #110
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: 40"
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 40"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
28"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/4 ROOTS TO 38"±
40" BOTTOM OF HOLE NO LEDGE		

TP #111
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: 56"
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 56"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
26"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/3 ROOTS TO 38"
56" BOTTOM OF HOLE NO LEDGE		

TP #112
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: 58"
 WATER ENCOUNTERED: NONE
 E.S.H.W.T.: NONE TO 58"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 7.5YR 5/6 FEW ROOTS
22"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/4 FEW ROOTS TO 48"±
58" BOTTOM OF HOLE NO LEDGE		

TP #113
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: 54"
 WATER ENCOUNTERED: 28"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/4 MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 7.5YR 5/4
24"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 10YR 6/4 WET, COMMON DISTINCT Fe DEPL
54" BOTTOM OF HOLE NO LEDGE		

TP #114
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: 28"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3
4"	B1	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 2.5Y 5/4
20"	ESHWT @ 20"	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 5Y 6/2 WET, COMMON DISTINCT Fe CONC.
36"	C	BLOCKY, FRIABLE, LOAMY SAND 2.5Y 7/3 WET, COMMON DISTINCT Fe CONC.
72" BOTTOM OF HOLE NO LEDGE		

TP #115
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: 54"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 COMMON ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 5YR 5/6 MANY ROOTS
26"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 2.5Y 7/4 ROOTS TO 34" Fe CONC. @ 36"
54" BOTTOM OF HOLE NO LEDGE		

TP #116
 LOGGED BY JN
 PERC. TEST DATE: 5-16-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 5YR 5/6 MANY ROOTS
18"	B2	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 2.5Y 6/8 FEW ROOTS
26"	C	WEAK GRANULAR, FRIABLE, LOAMY SAND 2.5Y 7/3 ROOTS TO 48"
72" BOTTOM OF HOLE NO LEDGE		

TP #16A
 LOGGED BY JN
 PERC. TEST DATE: 4-10-12
 PERC. RATE:
 IMPERVIOUS LAYER: 50"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 COMMON ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
24"	ESHWT @ 24"	WEAK GRANULAR, FRIABLE, LOAMY SAND, MOST 10YR 7/2 FEW FAINT Fe CONC. @ 28"
50" BOTTOM OF HOLE NO LEDGE		

TP #15B
 LOGGED BY JN
 PERC. TEST DATE: 4-10-12
 PERC. RATE:
 IMPERVIOUS LAYER: 66"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 COMMON ROOTS
4"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
24"	ESHWT @ 24"	ANG. BLOCKY, FRIABLE, LOAMY CLAYEY SAND, MOST 10YR 7/2 COMMON DISTINCT Fe CONC. THROUGHOUT
66" BOTTOM OF HOLE NO LEDGE		

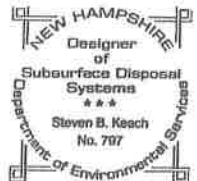
TP #15C
 LOGGED BY JN
 PERC. TEST DATE: 4-10-12
 PERC. RATE:
 IMPERVIOUS LAYER: 54"
 WATER ENCOUNTERED: 28"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
9"	A	WEAK GRANULAR, FRIABLE, LOAMY 10YR 3/3 COMMON ROOTS
6"	B	WEAK GRANULAR, FRIABLE, FINE SANDY LOAM 10YR 6/8 FEW ROOTS
24"	ESHWT @ 24"	ANG. BLOCKY, FRIABLE, LOAMY CLAYEY SAND, MOST 10YR 7/2 COMMON DISTINCT Fe CONC. THROUGHOUT
54" BOTTOM OF HOLE NO LEDGE		

TEST PIT LOGS
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186: LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186: LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201: LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENISE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM
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PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	05/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 80 OF 102

TP #R39

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK MASSIVE, FRIABLE 2.5Y 3/1 LOAM MANY ROOTS
18"	C	WEAK GRANULAR, FRIABLE 5YR 5/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT MANY 6" MINUS COBBLES
24"		ROTTEN LEDGE NO E.S.H.W.T.

24" BOTTOM OF HOLE LEDGE

TP #R40

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK MASSIVE, FRIABLE 2.5Y 3/1 LOAM MANY ROOTS
18"	C	WEAK GRANULAR, FRIABLE 5YR 5/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT FEW 6" MINUS COBBLES NO E.S.H.W.T.

30" BOTTOM OF HOLE LEDGE

TP #R41

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK MASSIVE, FRIABLE 2.5Y 3/1 LOAM MANY ROOTS
18"	C	WEAK GRANULAR, FRIABLE 10YR 5/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

27" BOTTOM OF HOLE LEDGE

TP #R42

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK MASSIVE, FRIABLE 2.5Y 3/1 LOAM MANY ROOTS
19"	C	WEAK GRANULAR, FRIABLE 10YR 5/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

19" BOTTOM OF HOLE LEDGE

TP #R43

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
1"	O	FOREST LITTER
9"	A	WEAK MASSIVE, FRIABLE 2.5Y 3/1 LOAM MANY ROOTS
28"	C	WEAK GRANULAR, FRIABLE 10YR 5/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

28" BOTTOM OF HOLE LEDGE

TP #R44

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK MASSIVE, FRIABLE 2.5Y 3/1 LOAM MANY ROOTS
4"	C1	WEAK GRANULAR, FRIABLE 7.5YR 5/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
24"	C2	WEAK GRANULAR, FRIABLE 2.5Y 5/4 FINE SANDY LOAM COMMON ROOTS TO 22" TRACE ROOTS TO 22"
30"		NO E.S.H.W.T.

30" BOTTOM OF HOLE LEDGE

TP #R45

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK MASSIVE, FRIABLE 2.5Y 3/1 LOAM MANY ROOTS
4"	C1	WEAK GRANULAR, FRIABLE 7.5YR 5/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
24"	C2	WEAK GRANULAR, FRIABLE 2.5Y 5/4 FINE SANDY LOAM COMMON ROOTS TO 22" TRACE ROOTS TO 22"

30" BOTTOM OF HOLE LEDGE

TP #R46

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK MASSIVE, FRIABLE 7.5YR 3/2 LOAM COMMON ROOTS
5"	C1	WEAK GRANULAR, FRIABLE 5YR 4/3 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
18"		E.S.H.W.T.
30"	C2	WEAK GRANULAR, FRIABLE 2.5Y 5/4 FINE SANDY LOAM TRACE ROOTS TO 30"

50" BOTTOM OF HOLE LEDGE

TP #R47

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK BLOCKY, FRIABLE 7.5YR 3/2 LOAM FEW ROOTS
9"	C1	WEAK GRANULAR, FRIABLE 2.5Y 7/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
18"		E.S.H.W.T.
43"	C2	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 43"

50" BOTTOM OF HOLE NO LEDGE

TP #R48

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK BLOCKY, FRIABLE 7.5YR 3/2 LOAM FEW ROOTS
5"	C	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

18" BOTTOM OF HOLE LEDGE

TP #R49

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 7.5YR 4/3 FINE SANDY LOAM MANY ROOTS
5"	C	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

30" BOTTOM OF HOLE LEDGE

TP #R50

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 7.5YR 4/3 FINE SANDY LOAM MANY ROOTS
3"	C	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

18" BOTTOM OF HOLE LEDGE

TP #R51

LOGGED BY SBK
PERC. TEST @ 20"
DATE: 7-3-12
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 7.5YR 4/3 FINE SANDY LOAM MANY ROOTS
5"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
33"		E.S.H.W.T.
50"	C2	WEAK GRANULAR, FRIABLE 5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 50"

84" BOTTOM OF HOLE NO LEDGE

TP #R52

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 LOAM COMMON ROOTS
3"	C1	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT
20"		E.S.H.W.T.
32"	C2	WEAK GRANULAR, FRIABLE 5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 32"

50" BOTTOM OF HOLE LEDGE

TP #R53

LOGGED BY SBK
PERC. TEST @ 20"
DATE: 7-3-12
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
1"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 LOAM COMMON ROOTS
2"	C1	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
42"		E.S.H.W.T.
48"	C2	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 48"

50" BOTTOM OF HOLE LEDGE

TP #R54

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 LOAM COMMON ROOTS
3"	C1	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM TRACE ROOTS THROUGHOUT
28"		E.S.H.W.T.
38"	C2	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM NO ROOTS

38" BOTTOM OF HOLE LEDGE

TP #R55

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 LOAM MANY ROOTS
3"	C1	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM TRACE ROOTS THROUGHOUT
20"		E.S.H.W.T.
27"	C2	BROKEN LEDGE

42" BOTTOM OF HOLE LEDGE

TP #R56

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 LOAM MANY ROOTS
3"	C1	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
32"		E.S.H.W.T.
38"	C2	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS NO E.S.H.W.T.

38" BOTTOM OF HOLE LEDGE

TP #R57

LOGGED BY SBK
PERC. TEST
DATE: 7-3-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 5/2 LOAM MANY ROOTS
3"	C	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM FEW LARGE ROOTS THROUGHOUT NO E.S.H.W.T.

27" BOTTOM OF HOLE LEDGE

TEST PIT LOGS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186: LOT 24, MAP 194; LOTS 9 & 10 & MAP 195: LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186: LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201: LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DEVISE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881



PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 81 OF 102

TP #R58
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 LOAM MANY ROOTS
33"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON TO FEW ROOTS THROUGHOUT
33"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 33"
40"	BOTTOM OF HOLE LEDGE	

TP #R59
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 LOAM MANY ROOTS
33"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON TO FEW ROOTS THROUGHOUT
42"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 6/3 FINE SANDY LOAM TRACE ROOTS TO 42"
72"	BOTTOM OF HOLE NO LEDGE	

TP #R60
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
37"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON TO FEW ROOTS THROUGHOUT
37"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 37"
54"	BOTTOM OF HOLE LEDGE	

TP #R61
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
34"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON TO FEW ROOTS THROUGHOUT
42"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 42"
78"	BOTTOM OF HOLE NO LEDGE	

TP #R63
 LOGGED BY SBK
 PERC. TEST @ 21"
 DATE: 7-3-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM COMMON ROOTS
30"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
56"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO BOTTOM NO E.S.H.W.T.
50"	BOTTOM OF HOLE NO LEDGE	

TP #R64
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM COMMON ROOTS
30"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
56"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 56"
78"	BOTTOM OF HOLE NO LEDGE	

TP #R65
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM COMMON ROOTS
25"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON ROOTS TO 18" TRACE BELOW
35"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM TRACE ROOTS TO 35" NO E.S.H.W.T.
72"	BOTTOM OF HOLE NO LEDGE	

TP #R66
 LOGGED BY SBK
 PERC. TEST @ 23"
 DATE: 7-3-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM COMMON ROOTS
27"	C1	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
60"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 6/2 FINE SANDY LOAM FEW ROOTS TO 36" TRACE ROOTS TO 60"
78"	BOTTOM OF HOLE NO LEDGE	

TP #R69
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM COMMON ROOTS
4"	C	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.
18"	BOTTOM OF HOLE LEDGE	

TP #R70
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-5-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM COMMON ROOTS
20"	C	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
20"	BOTTOM OF HOLE LEDGE	

TP #R71
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-5-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM COMMON ROOTS
23"	C	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
23"	BOTTOM OF HOLE LEDGE	

TP #R72
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-5-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
30"	C	WEAK GRANULAR, FRIABLE 2.5Y 6/6 FINE SANDY LOAM COMMON TO FEW ROOTS THROUGHOUT NO E.S.H.W.T.
30"	BOTTOM OF HOLE LEDGE	

TP #R73
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-5-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
14"	C1	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT
29"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.
29"	BOTTOM OF HOLE LEDGE	

TP #R74
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-5-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
15"	C1	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
36"	E.S.H.W.T.	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM FEW TO TRACE ROOTS THROUGHOUT NO E.S.H.W.T.
36"	BOTTOM OF HOLE LEDGE	

TP #R75
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-5-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
15"	C	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
15"	BOTTOM OF HOLE LEDGE	

TP #R76
 LOGGED BY SBK
 PERC. TEST
 DATE: 7-5-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
18"	C	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
18"	BOTTOM OF HOLE LEDGE	

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24; MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7; GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
---	--	--

KM
 KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-8881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 82 OF 102

N:_p01\110202\1102021.dwg, TEST PITS, 7/29/2015 10:02:22 AM, rewhs

TP #R77

LOGGED BY SBK
PERC. TEST
DATE: 7-5-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
6"	C	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
18" BOTTOM OF HOLE LEDGE		

TP #R78

LOGGED BY SBK
PERC. TEST @ 15"
DATE: 7-5-12
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
3"	C1	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM COMMON FINE ROOTS THROUGHOUT
7"	C2	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
43" BOTTOM OF HOLE LEDGE		

TP #R79

LOGGED BY SBK
PERC. TEST
DATE: 7-5-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
4"	C1	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM MANY ROOTS THROUGHOUT
5"	C2	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM FEW TO COMMON ROOTS THROUGHOUT NO E.S.H.W.T.
30" BOTTOM OF HOLE BROKEN LEDGE		

TP #R80

LOGGED BY SBK
LOGGED BY SBK
PERC. TEST
DATE: 7-5-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
5"	C	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.
24" BOTTOM OF HOLE LEDGE		

TP #R81

LOGGED BY SBK
LOGGED BY SBK
PERC. TEST
DATE: 7-5-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
5"	C	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.
21" BOTTOM OF HOLE LEDGE		

TP #R82

LOGGED BY SBK
LOGGED BY SBK
PERC. TEST
DATE: 7-5-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
5"	C	WEAK GRANULAR, FRIABLE 2.5Y 5/6 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.
30" BOTTOM OF HOLE LEDGE		

TP #R83

LOGGED BY SBK
PERC. TEST
DATE: 7-5-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
8"	C	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
26" BOTTOM OF HOLE ROTTEN LEDGE		

TP #R84

LOGGED BY SBK
PERC. TEST
DATE: 7-5-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 2.5Y 3/3 LOAM MANY ROOTS
6"	C	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
24" BOTTOM OF HOLE LEDGE		

TP #R85

LOGGED BY SBK
PERC. TEST @ 22"
DATE: 8-9-12
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
3"		
B		WEAK GRANULAR, FRIABLE 10YR 5/3 FINE SANDY LOAM TRACE BOULDERS MANY ROOTS
36"		
C		WEAK GRANULAR, FRIABLE 10YR 6/2 FINE SANDY LOAM FEW BOULDERS TRACE ROOTS TO 63" NO E.S.H.W.T.
74" BOTTOM OF HOLE LEDGE		

TP #R86

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
6"		
B		WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM TRACE GRAVEL COMMON ROOTS TO 24" TRACE THROUGHOUT NO E.S.H.W.T.
36" BOTTOM OF HOLE LEDGE		

TP #R87

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
4"		
B		WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS
22"		
C		WEAK GRANULAR, FRIABLE 10YR 7/3 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.
42" BOTTOM OF HOLE LEDGE		

TP #R88

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
3"		
B		WEAK GRANULAR, FRIABLE 10YR 5/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
24" BOTTOM OF HOLE LEDGE		

TP #R89

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
4"		
B		WEAK GRANULAR, FRIABLE 10YR 5/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
32" BOTTOM OF HOLE LEDGE		

TP #R90

LOGGED BY SBK
PERC. TEST @ 18"
DATE: 8-9-12
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
4"		
B		WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS
22"		
C		WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM 38" FEW FINE ROOTS NO E.S.H.W.T.
50" BOTTOM OF HOLE LEDGE		

TP #R91

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
4"		
B		WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
32" BOTTOM OF HOLE LEDGE		

TP #R92

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
4"		
B		WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM COMMON ROOTS
28"		
C		WEAK GRANULAR, FRIABLE 10YR 1/2 FINE SANDY LOAM FINE TO TRACE ROOTS TO 42"
50" BOTTOM OF HOLE LEDGE		

TP #R93

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
6"		
B		WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM MANY BOULDERS COMMON ROOTS
24"		
C		WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM FEW BOULDERS TRACE ROOTS TO 60"
72" BOTTOM OF NO LEDGE		

TP #R94

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
4"		
B		WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM COMMON ROOTS
30"		
C		WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM FEW BOULDERS TRACE ROOTS TO 54"
72" BOTTOM OF NO LEDGE		

TP #R95

LOGGED BY SBK
PERC. TEST
DATE: 8-9-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"		
A		WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
3"		
B		WEAK GRANULAR, FRIABLE 10YR 5/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.
22" BOTTOM OF HOLE LEDGE		

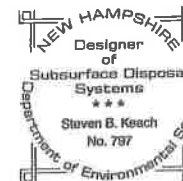
PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



TEST PIT LOGS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24; MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT:	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7; GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENISE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KMA KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS				
No.	DATE	DESCRIPTION	BY	
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JM	
2	06/18/15	REVISED PER TOWN COMMENTS	JM	
3	07/27/15	REVISED PER TOWN COMMENTS	JM	

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 83 OF 102

TP #R96
 LOGGED BY SBK
 PERC. TEST @ 18"
 DATE: 8-9-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM COMMON ROOTS
18"	C	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM FEW ROOTS TO 40" COMMON FE MOTTLING @ 40"
54"		E.S.H.W.T.
78"		BOTTOM OF HOLE, NO LEDGE

TP #R97
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-9-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
6"	B	WEAK GRANULAR, FRIABLE 10YR 5/4 FINE SANDY LOAM COMMON ROOTS
22"	C	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM FEW ROOTS TO 44" FEW FE MOTTLING @ 44"
44"		E.S.H.W.T.
56"		BOTTOM OF HOLE, NO LEDGE

TP #JM5
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
3"	B	WEAK GRANULAR, FRIABLE 10YR 5/6 FINE SANDY LOAM FEW ROOTS
34"	C	WEAK GRANULAR, FRIABLE 10YR 6/2 FINE SANDY LOAM TRACE ROOTS TO 66" FEW FE MOTTLING @ 72"
44"		E.S.H.W.T.
120"		BOTTOM OF HOLE, NO LEDGE

TP #R98
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW BOULDERS THROUGHOUT
34"	C	WEAK GRANULAR, FRIABLE 10YR 7/1 FINE SANDY LOAM COMMON BOULDERS TRACE ROOTS THROUGHOUT NO E.S.H.W.T.
72"		BOTTOM OF HOLE AT BOULDERS

TP #R99
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 5/8 FINE SANDY LOAM FEW BOULDERS COMMON ROOTS
28"	C	WEAK GRANULAR, FRIABLE 10YR 7/1 FINE SANDY LOAM FEW BOULDERS TO 56" MANY AFTER TRACE ROOTS TO 50" MOTTLING? 54"
54"		E.S.H.W.T.
78"		BOTTOM OF HOLE AT BOULDERS

TP #R100
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT
18"	C	WEAK GRANULAR, FRIABLE 10YR 7/3 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.
28"		AT LEDGE

TP #R101
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 2/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 7/8 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.
24"		BOTTOM OF HOLE AT LEDGE

TP #R102
 LOGGED BY SBK
 PERC. TEST @ 19"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 5/8 FINE SANDY LOAM COMMON BOULDERS COMMON ROOTS THROUGHOUT
32"	C	WEAK GRANULAR, FRIABLE 10YR 7/4 FINE SANDY LOAM COMMON BOULDERS TRACE ROOTS THROUGHOUT NO E.S.H.W.T.
50"		AT LEDGE

TP #R103
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 5/8 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
28"	C	WEAK GRANULAR, FRIABLE 10YR 7/4 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.
42"		AT LEDGE

TP #R104
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 5/8 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
30"	C	WEAK GRANULAR, FRIABLE 10YR 7/4 FINE SANDY LOAM FEW FINE ROOTS THROUGHOUT NO E.S.H.W.T.
48"		AT LEDGE

TP #R105
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 5/8 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
24"	C	WEAK GRANULAR, FRIABLE 10YR 7/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
42"		AT LEDGE

TP #R106
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
6"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
32"	C	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.
32"		AT LEDGE

TP #R107
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM COMMON ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
30"	C	WEAK GRANULAR, FRIABLE 10YR 7/4 FINE SANDY LOAM TRACE ROOTS TO 60"
60"		E.S.H.W.T.
72"		NO LEDGE

TP #R108
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 8-10-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
6"	B	WEAK GRANULAR, FRIABLE 10YR 5/3 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
18"	C	WEAK GRANULAR, FRIABLE 10YR 7/4 FINE SANDY LOAM TRACE ROOTS TO 44" FEW FAINT MOTTLING @ 18"
48"		E.S.H.W.T.
66"		NO LEDGE

TP #R276
 LOGGED BY SBK
 PERC. TEST @ 19"
 DATE: 8-9-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/4 FINE SANDY LOAM COMMON ROOTS
12"	B	WEAK GRANULAR, FRIABLE 10YR 5/3 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
38"		AT LEDGE

TP #R275
 LOGGED BY SBK
 PERC. TEST @ 19"
 DATE: 8-9-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
8"	B	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.
24"		AT LEDGE

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____
 SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186: LOT 24, MAP 194; LOTS 9 & 10 & MAP 195: LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC, 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186: LOT 20-4 KELLY A. TRUDEL, 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201: LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST, MARIO & DENYSE PLANTE, TRUSTEES, 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 84 OF 102

N:\projects\110202\1102021.dwg, 11/29/2015 10:02:04 AM, rnews

TP #R202
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
6"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
10"	B2	WEAK GRANULAR, FRIABLE 10YR 6/3 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

33" AT LEDGE

TP #R203
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM COMMON ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

16" AT LEDGE

TP #R204
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM COMMON ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

16" AT LEDGE

TP #R205
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
3"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT
18"	B2	WEAK GRANULAR, FRIABLE 10YR 6/3 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

36" AT LEDGE

TP #R206
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
3"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

36" AT LEDGE

TP #R207
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/3 FINE SANDY LOAM MANY ROOTS
8"	B	WEAK GRANULAR, FRIABLE 10YR 6/5 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

20" AT LEDGE

TP #R208
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 8-1-12
 PERC. RATE: 12 MIN/INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FIELD
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
5"	B1	WEAK GRANULAR, FRIABLE 10YR 5/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
24"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

44" AT LEDGE

TP #R209
 LOGGED BY SBK
 PERC. TEST @ 22"
 DATE: 8-1-12
 PERC. RATE: 12 MIN/INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FIELD
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
5"	B1	WEAK GRANULAR, FRIABLE 10YR 5/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
18"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

42" AT LEDGE

TP #R210
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	O	FIELD
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
10"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
16"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

36" AT LEDGE

TP #R211
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FIELD
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
6"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
14"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

24" AT LEDGE

TP #R212
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

12" AT LEDGE

TP #R213
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

12" AT LEDGE

TP #R214
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM COMMON ROOTS THROUGHOUT NO E.S.H.W.T.

24" AT LEDGE

TP #R215
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM COMMON ROOTS
3"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT
12"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

40" AT LEDGE

TP #R216
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

16" AT LEDGE

TP #R217
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER WITH GRASS
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
2"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
19"	B2	WEAK GRANULAR, FRIABLE 10YR 6/3 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

32" AT LEDGE

TP #R218
 LOGGED BY SBK
 PERC. TEST
 DATE: 8-1-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

14" AT LEDGE



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7; GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 887-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/16/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 85 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____
 SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

TP #R219
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
8"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
26"	B2	WEAK GRANULAR, FRIABLE 10YR 6/3 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

34" AT LEDGE

TP #R220
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

16" AT LEDGE

TP #R221
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
16"	B2	WEAK GRANULAR, FRIABLE 10YR 6/3 FINE SANDY LOAM COMMON TO FEW ROOTS THROUGH DEPTH NO E.S.H.W.T.

42" AT LEDGE

TP #R222
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

16" AT LEDGE

TP #R223
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
6"	B1	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

24" AT LEDGE

TP #R224
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/3 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 5/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

20" AT LEDGE

TP #R225
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
4"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/4 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 8/3 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

24" AT LEDGE

TP #R226
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
18"	B2	WEAK GRANULAR, FRIABLE 10YR 6/3 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

32" AT LEDGE

TP #R227
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/4 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 7/3 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

30" BOULDERS OR LEDGE

TP #R228
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/4 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FADING TO 10YR 7/2 AT 38" FINE SANDY LOAM FEW FINE ROOTS TO 38" FEW FE CONC. STARTING 38" STRUCTURE BECOMES MASSIVE AT 38"

38" E.S.H.W.T.
60" AT LEDGE

TP #R229
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/3 FINE SANDY LOAM MANY ROOTS
2"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

24" AT LEDGE

TP #R230
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/3 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

36" AT LEDGE

TP #R231
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/2 FINE SANDY LOAM MANY ROOTS
6"	B1	WEAK GRANULAR, FRIABLE 10YR 5/6 FINE SANDY LOAM TRACE ROOTS THROUGHOUT
42"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM MASSIVE IN PLACE TRACE ROOTS TO 48" FEW FE CONC 42" TO 54"

84" NO LEDGE

TP #R232
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT
18"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

42" AT LEDGE

TP #R233
 LOGGED BY SBK
 PERC. TEST DATE: 8-1-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
10"	B1	WEAK GRANULAR, FRIABLE 10YR 6/4 FINE SANDY LOAM FEW ROOTS THROUGHOUT
42"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS TO 54"

54" E.S.H.W.T.
72" NO LEDGE

TP #R234
 LOGGED BY SBK
 PERC. TEST DATE: 8-2-12
 PERC. RATE: 12 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM COMMON ROOTS
8"	B1	WEAK GRANULAR, FRIABLE 10YR 6/8 FINE SANDY LOAM FEW ROOTS THROUGHOUT
26"	B2	WEAK GRANULAR, FRIABLE 10YR 7/3 FINE SANDY LOAM TRACE ROOTS TO 58"

58" E.S.H.W.T.
66" LEDGE OR BOULDER

TP #R236
 LOGGED BY SBK
 PERC. TEST DATE: 8-2-12
 PERC. RATE: 15 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

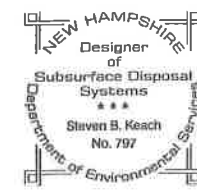
DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 5/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
33"	B2	WEAK GRANULAR, FRIABLE MASSIVE IN PLACE 10YR 7/3 FINE SANDY LOAM MOST TRACE ROOTS END @ 42" FEW FAINT FE CONC. AT 42"

33" E.S.H.W.T.
66" NO LEDGE

TP #R237
 LOGGED BY SBK
 PERC. TEST DATE: 8-2-12
 PERC. RATE: IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
0"	A	WEAK GRANULAR, FRIABLE 10YR 4/6 FINE SANDY LOAM COMMON ROOTS
6"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
26"	B2	WEAK GRANULAR, FRIABLE 10YR 7/3 FINE SANDY LOAM MOST TRACE ROOTS END @ 42" FEW FAINT FE CONC. AT 42"

42" E.S.H.W.T.
84" NO LEDGE



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24 MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186: LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALLY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/29/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/16/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 86 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

TP #R238

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers (FOREST LITTER, WEAK GRANULAR, FRIABLE, etc.)

TP #R239

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R240

LOGGED BY SBK
PERC. TEST @ 22"
DATE: 8-2-12
PERC. RATE: 15 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R241

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R242

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R243

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R244

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R245

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R246

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R247

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R248

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R249

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R250

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R251

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R252

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R253

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R254

LOGGED BY SBK
PERC. TEST
DATE: 8-2-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R255

LOGGED BY SBK
PERC. TEST @ 20"
DATE: 8-2-12
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers

TP #R256

LOGGED BY SBK
PERC. TEST @ 20"
DATE: 8-2-12
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers



TEST PIT LOGS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

Table with 3 columns: OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT; EAGLES NEST ESTATES, LLC, 21 CONTINENTAL BOULEVARD, MERRIMACK, NH 03054; OWNER OF MAP 186; LOT 20-4; KELLY A. TRUDEL, 11 KARAS CROSSING DRIVE, HUDSON, NH 03051; OWNER OF MAP 201; LOT 7; GREEN MOUNTAIN PARTNERS REALTY TRUST, MARIO & DENYSE PLANTE, TRUSTEES, 8 OLD DEERY ROAD, HUDSON, NH 03051

KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2801

Table with 4 columns: No., DATE, DESCRIPTION, BY. Includes revision history for the logs.

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 87 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL. APPROVED BY THE HUDSON, NH PLANNING BOARD DATE OF MEETING: SIGNATURE DATE SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

Project: 110202-1\110202-1.dwg, TEST PITS - DETAILS.dwg, TEST PITS, 7/29/2015 10:01:31 AM, rnews

TP #R257
 LOGGED BY SBK
 PERC. TEST @ 28"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
12"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

32" AT LEDGE

TP #R258
 LOGGED BY SBK
 PERC. TEST @ 28"
 DATE: 8-2-12
 PERC. RATE: 12 MIN/INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
36"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM FEW ROOTS TO 60"

60" E.S.H.W.T.
66" BOULDERS

TP #R259
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE: 12 MIN/INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
24"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

50" AT LEDGE

TP #R260
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

24" AT LEDGE

TP #R261
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
30"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS TO 44"

44" E.S.H.W.T.
64" NO LEDGE

TP #R262
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
6"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
16"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS TO 36"

48" AT LEDGE

TP #R263
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
2"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS THROUGHOUT
10"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

20" AT LEDGE

TP #R264
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM COMMON ROOTS
6"	B1	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT
14"	B2	WEAK GRANULAR, FRIABLE 10YR 7/2 FINE SANDY LOAM TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

32" AT LEDGE

TP #R265
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
6"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

20" AT LEDGE

TP #R266
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER AND GRASS
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW TO TRACE ROOTS THROUGHOUT NO E.S.H.W.T.

36" AT LEDGE

TP #R267
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM COMMON ROOTS TO 16" FEW ROOTS TO BOTTOM NO E.S.H.W.T.

38" AT LEDGE

TP #R268
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE: 8 MIN/INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
6"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS TO 24" TRACE TO BOTTOM NO E.S.H.W.T.

42" AT LEDGE

TP #R269
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
6"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS TO 24" TRACE TO BOTTOM NO E.S.H.W.T.

30" AT LEDGE

TP #R270
 LOGGED BY SBK
 PERC. TEST @ 20"
 DATE: 8-2-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
2"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM WITH FEW ROOTS TO 22" WEATHERED AND BROKEN BEDROCK WITH TRACE ROOTS TO BOTTOM MIXED IN WITH SOIL NO E.S.H.W.T.

34" AT LEDGE

TP #R271
 LOGGED BY SBK
 PERC. TEST @ 12"
 DATE: 8-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM COMMON ROOTS
9"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

34" AT LEDGE

TP #R272
 LOGGED BY SBK
 PERC. TEST @ 12"
 DATE: 8-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
8"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM FEW ROOTS THROUGHOUT NO E.S.H.W.T.

24" AT LEDGE

TP #R273
 LOGGED BY SBK
 PERC. TEST @ 12"
 DATE: 8-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
3"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM MANY ROOTS
8"	B	WEAK GRANULAR, FRIABLE 10YR 5/4 FADING TO 10YR 7/3 FINE SANDY LOAM FEW ROOTS TO 34" TRACE ROOTS TO BOTTOM NO E.S.H.W.T.

24" AT BOULDERS

TP #R274
 LOGGED BY SBK
 PERC. TEST @ 12"
 DATE: 8-3-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST LITTER
9"	A	WEAK GRANULAR, FRIABLE 10YR 3/2 FINE SANDY LOAM COMMON ROOTS
4"	B	WEAK GRANULAR, FRIABLE 10YR 6/6 FINE SANDY LOAM WITH FEW ROOTS THROUGHOUT WEATHERED AND BROKEN BEDROCK THROUGHOUT NO E.S.H.W.T.

16" AT LEDGE



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186: LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186: LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201: LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 88 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____
 SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

<p>TP #20 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 22" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 22"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS</td></tr> <tr><td>0"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>22" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS	0"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #20A LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 30" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 30"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS</td></tr> <tr><td>0"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>30" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS	0"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #20B LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 10" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 18"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>18" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #20C LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 20" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 20"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>20" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #18 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 10" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 10"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>0"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>10" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	0"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #18A LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 12" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 12"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>0"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>12" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	0"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #17 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 18" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 18"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>6"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>18" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	6"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8
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<p>TP #19 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 20" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 20"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>0"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>20" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	0"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #21 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 8" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 8"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>8" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #22 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 12" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 12"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>12" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #15 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 30" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 30"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> <tr><td>18"</td><td>C</td><td>WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/2</td></tr> </table> <p>30" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	18"	C	WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/2	<p>TP #15A LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 24" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 24"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> <tr><td>18"</td><td>C</td><td>WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/2</td></tr> </table> <p>24" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	18"	C	WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/2	<p>TP #14 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 20" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 20"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>20" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #14A LOGGED BY JN PERC. TEST @ 24" DATE: 3-28-12 PERC. RATE: 12 MIN/INCH IMPERVIOUS LAYER: NONE WATER ENCOUNTERED: NONE E.S.H.W.T.: 38"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8 FEW ROOTS</td></tr> <tr><td>28"</td><td>C</td><td>WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 COMMON Fe CONC. @ 38"</td></tr> </table> <p>ESHWT @ 38" 58" BOTTOM OF HOLE NO LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8 FEW ROOTS	28"	C	WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 COMMON Fe CONC. @ 38"
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<p>TP #13 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 18" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 18"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>18" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #13A LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 12" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 12"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8</td></tr> </table> <p>12" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/8	<p>TP #12 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: 12 MIN/INCH IMPERVIOUS LAYER: 65" WATER ENCOUNTERED: NONE E.S.H.W.T.: 30"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/4 FEW ROOTS</td></tr> <tr><td>24"</td><td>C</td><td>ANGULAR BLOCKY, FRIABLE LOAMY SAND 10YR 7/3 Fe CONC. @ 30"</td></tr> </table> <p>ESHWT @ 30" 65" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/4 FEW ROOTS	24"	C	ANGULAR BLOCKY, FRIABLE LOAMY SAND 10YR 7/3 Fe CONC. @ 30"	<p>TP #37 LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 18" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 18"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6</td></tr> </table> <p>18" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6	<p>TP #37A LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 12" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 12"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6</td></tr> </table> <p>12" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6	<p>TP #37B LOGGED BY JN PERC. TEST DATE: 3-28-12 PERC. RATE: IMPERVIOUS LAYER: 12" WATER ENCOUNTERED: NONE E.S.H.W.T.: NONE TO 12"</p> <table border="1"> <tr><td>DEPTH</td><td>HORIZON</td><td></td></tr> <tr><td>0"</td><td>O</td><td>FOREST MAT</td></tr> <tr><td>0"</td><td>A</td><td>WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS</td></tr> <tr><td>4"</td><td>B</td><td>WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6</td></tr> </table> <p>12" BOTTOM OF HOLE @ LEDGE</p>	DEPTH	HORIZON		0"	O	FOREST MAT	0"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS	4"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6
DEPTH	HORIZON																																																																															
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PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



TEST PIT LOGS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186: LOT 24, LOT 20-4 MAP 194: LOTS 9 & 10 & MAP 195: LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186: LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201: LOT 7 GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/16/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 89 OF 102

M:\projec\110202\1102021.dwg, TEST PITS, 7/29/2015 10:01:11 AM, dews

TP #37C

LOGGED BY JN
PERC. TEST DATE: 3-28-12
PERC. RATE:
IMPERVIOUS LAYER: 15"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: NONE TO 15"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
15"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6

15" BOTTOM OF HOLE @ LEDGE

TP #D-1

LOGGED BY JN
PERC. TEST DATE: 3-28-12
PERC. RATE:
IMPERVIOUS LAYER: 42"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 28"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
5"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3
18"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/4 FEW ROOTS
42"	C	ANGULAR BLOCKY, FRIABLE LOAMY SAND 10YR 7/3 COMMON Fe CONC. @ 28"

42" BOTTOM OF HOLE @ LEDGE

TP #D-2

LOGGED BY JN
PERC. TEST DATE: 3-28-12
PERC. RATE:
IMPERVIOUS LAYER: 36"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 26"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
5"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3
18"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/4 FEW ROOTS
36"	C	ANGULAR BLOCKY, FRIABLE LOAMY SAND 10YR 7/3 COMMON Fe CONC. @ 26"

36" BOTTOM OF HOLE @ LEDGE

TP #38

LOGGED BY JN
PERC. TEST DATE: 3-28-12
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: 38"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 24"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
24"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS TO 24"
24"	C	WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/2 COMMON DISTINCT Fe CONC.

24" ESHWT @ 24"
26" BOTTOM OF HOLE @ LEDGE

TP #24

LOGGED BY JN
PERC. TEST DATE: 3-28-12
PERC. RATE:
IMPERVIOUS LAYER: 48"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 36"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3
22"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
48"	C	WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 FEW DISTINCT Fe CONC. AT 36"

22" ESHWT @ 36"
48" BOTTOM OF HOLE @ LEDGE

TP #C

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE: 10 MIN./IN.
IMPERVIOUS LAYER: 60"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 48"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
6"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
28"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
30"	C1	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 8/4 FEW ROOTS
60"	C2	BLOCKY, FRIABLE LOAMY SAND 10YR 7/3 FEW FAINT Fe CONC. @ 48"

30" ESHWT @ 48"
60" BOTTOM OF HOLE @ LEDGE

TP #B

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE:
IMPERVIOUS LAYER: 58"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 46"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
24"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
58"	C	WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 FEW FAINT Fe CONC. AT 46"

24" ESHWT @ 46"
58" BOTTOM OF HOLE @ LEDGE

TP #B2

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE:
IMPERVIOUS LAYER: 60"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 46"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
28"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/6 FEW ROOTS
60"	C	WEAK GRANULAR, FRIABLE LOAMY SAND 10YR 7/3 FEW DISTINCT Fe CONC. AT 42"

60" ESHWT @ 42"
60" BOTTOM OF HOLE @ LEDGE

TP #F

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE:
IMPERVIOUS LAYER: 60"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 48"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
22"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
60"	C	WEAK GRANULAR, FRIABLE LOAMY SAND, MOIST 10YR 6/2 FEW DISTINCT Fe CONC. AT 48"

22" ESHWT @ 48"
60" BOTTOM OF HOLE @ LEDGE

TP #E

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE:
IMPERVIOUS LAYER: 36"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: NONE TO 36"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
20"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
36"	C	WEAK GRANULAR, FRIABLE LOAMY SAND, 10YR 6/2

36" BOTTOM OF HOLE @ LEDGE

TP #G

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE:
IMPERVIOUS LAYER: 40"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: NONE TO 40"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
24"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/6 FEW ROOTS
40"	C	BLOCKY, FRIABLE LOAMY SAND 10YR 7/2 FEW ROOTS THROUGHOUT

40" ESHWT @ 24"
40" BOTTOM OF HOLE @ LEDGE

TP #G2

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE:
IMPERVIOUS LAYER: 42"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: NONE TO 42"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
22"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/6 FEW ROOTS
42"	C	BLOCKY, FRIABLE LOAMY SAND 10YR 7/2 FEW ROOTS THROUGHOUT

22" ESHWT @ 42"
42" BOTTOM OF HOLE @ LEDGE

TP #H

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE:
IMPERVIOUS LAYER: 38"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: NONE TO 38"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
20"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
38"	C	BLOCKY, FRIABLE LOAMY SAND 10YR 7/3 FEW ROOTS THROUGHOUT

20" ESHWT @ 38"
38" BOTTOM OF HOLE @ LEDGE

TP #11

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: 46"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 26"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
26"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
46"	C	BLOCKY, FRIABLE MOIST 10YR 7/4 COMMON DISTINCT Fe CONC.

26" ESHWT @ 26"
46" BOTTOM OF HOLE @ LEDGE

TP #11A

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: 52"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 28"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
26"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
52"	C	BLOCKY, FRIABLE MOIST 10YR 7/4 COMMON DISTINCT Fe CONC.

26" ESHWT @ 26"
52" BOTTOM OF HOLE @ LEDGE

TP #9

LOGGED BY JN
PERC. TEST DATE: 3-30-12
PERC. RATE:
IMPERVIOUS LAYER: 20"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: NONE TO 20"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
20"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/6

20" BOTTOM OF HOLE @ LEDGE

TP #18B

LOGGED BY JN
PERC. TEST DATE: 4-10-12
PERC. RATE:
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 34"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
5"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
24"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
78"	C	WEAK GRANULAR, VERY FRIABLE LOAMY SAND 10YR 7/2 FEW DISTINCT Fe CONC. @ 34"

24" ESHWT @ 34"
78" BOTTOM OF HOLE NO LEDGE

TP #19A

LOGGED BY JN
PERC. TEST DATE: 4-10-12
PERC. RATE:
IMPERVIOUS LAYER: 12"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: NONE TO 12"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
5"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 COMMON ROOTS
12"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS

12" BOTTOM OF HOLE @ LEDGE

TP #19B

LOGGED BY JN
PERC. TEST DATE: 4-10-12
PERC. RATE:
IMPERVIOUS LAYER: 52"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 36"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
5"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 COMMON ROOTS
26"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
52"	C	WEAK GRANULAR, VERY FRIABLE LOAMY SAND 10YR 7/3 COMMON DISTINCT Fe CONC. @ 36" ROOTS TO 40"

26" ESHWT @ 36"
52" BOTTOM OF HOLE @ LEDGE

TP #19C

LOGGED BY JN
PERC. TEST DATE: 4-10-12
PERC. RATE:
IMPERVIOUS LAYER: 54"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 32"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 COMMON ROOTS
24"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 6/6 FEW ROOTS
54"	C	WEAK GRANULAR, VERY FRIABLE LOAMY SAND, MOIST, 10YR 7/3 COMMON DISTINCT Fe CONC. @ 32" ROOTS TO 40"

24" ESHWT @ 32"
54" BOTTOM OF HOLE @ LEDGE

TP #17A

LOGGED BY JN
PERC. TEST DATE: 4-10-12
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE
E.S.H.W.T.: 44"

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
5"	A	WEAK GRANULAR, FRIABLE LOAMY 10YR 3/3 MANY ROOTS
28"	B	WEAK GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6 FEW ROOTS
72"	C	WEAK GRANULAR, VERY FRIABLE LOAMY SAND 10YR 7/2 FEW ROOTS TO 48" FEW DISTINCT Fe CONC. @ 44"

28" ESHWT @ 44"
72" BOTTOM OF HOLE NO LEDGE

TEST PIT LOGS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24; MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC, 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 90 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE _____ DATE _____
SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



H:\projects\110202\110202-1\Drawings\110202-1-DETAILS.dwg, TEST PITS, 7/29/2015 10:01:02 AM, rnews

TP #JL100
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 24"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/2
6"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
10"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 24" NO E.S.H.W.T.
24" BOTTOM OF HOLE @ LEDGE		

TP #JL101
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 30"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
9"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/6 ROOTS TO 30" NO E.S.H.W.T.
30" BOTTOM OF HOLE @ LEDGE		

TP #JL102
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
10"	C1	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 4/4
28" ESHWT @ 28"	C2	GRANULAR, FRIABLE FINE SILTY SAND 2.5Y 5/3
38"	C3	GRANULAR, FRIABLE FINE SILTY SAND 2.5Y 6/3 ROOTS TO 40"
68" BOTTOM OF HOLE NO LEDGE		

TP #JL103
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 20"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
10"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/6 ROOTS TO 20" NO E.S.H.W.T.
20" BOTTOM OF HOLE @ LEDGE		

TP #JL104
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 22"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/2
5"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
10"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/6 ROOTS TO 20" NO E.S.H.W.T.
22" BOTTOM OF HOLE @ LEDGE		

TP #JL105
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 36"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/1
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
16"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 36" NO E.S.H.W.T.
36" BOTTOM OF HOLE @ LEDGE		

TP #JL106
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 28"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
6"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
12"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 28" NO E.S.H.W.T.
28" BOTTOM OF HOLE @ LEDGE		

TP #JL107
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 12"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4 ROOTS TO 12" NO E.S.H.W.T.
12" BOTTOM OF HOLE @ LEDGE		

TP #JL108
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
10"	C1	GRANULAR, FRIABLE FINE SAND 10YR 5/4
24" ESHWT @ 24"	C2	GRANULAR, FRIABLE FINE SAND 2.5Y 5/4
44"	C3	GRANULAR, FRIABLE FINE-MED. SAND 2.5Y 8/3 ROOTS TO 52"
60" BOTTOM OF HOLE NO LEDGE		

TP #JL109
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
12"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4
26" ESHWT @ 26"	C2	GRANULAR, FRIABLE FINE-MED. SAND 2.5Y 5/3
42"	C3	GRANULAR, FRIABLE FINE-MED. SAND 2.5Y 5/2 ROOTS TO 52"
66" BOTTOM OF HOLE NO LEDGE		

TP #JL110
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 28"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
10"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 24" NO E.S.H.W.T.
28" BOTTOM OF HOLE @ LEDGE		

TP #JL111
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 36"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/3
6"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 2/2
10"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
24" ESHWT @ 24"	C2	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
36"	C3	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 4/6 ROOTS TO 36"
36" BOTTOM OF HOLE @ LEDGE		

TP #JL112
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 42"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/1
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
8"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
20"	C2	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
28" ESHWT @ 28"	C3	GRANULAR, FRIABLE FINE-MED. SAND 2.5Y 5/3 ROOTS TO 42"
42" BOTTOM OF HOLE @ LEDGE		

TP #JL113
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 30"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
8"	C	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 3/6 WEATHERED BEDROCK ROOTS TO 30" NO E.S.H.W.T.
30" BOTTOM OF HOLE @ LEDGE		

TP #JL114
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 36"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
8"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4
28" ESHWT @ 28"	C2	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/6 ROOTS TO 36"
36" BOTTOM OF HOLE @ LEDGE		

TP #JL115
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 18"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
8"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 18" NO E.S.H.W.T.
18" BOTTOM OF HOLE @ LEDGE		

TP #JL116
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 18"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
8"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/6 ROOTS TO 18" NO E.S.H.W.T.
18" BOTTOM OF HOLE @ LEDGE		

TP #JL117
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 26"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
8"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 26" NO E.S.H.W.T.
26" BOTTOM OF HOLE @ LEDGE		

TP #JL118
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE:
 IMPERVIOUS LAYER: 20"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
8"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/6 ROOTS TO 20" NO E.S.H.W.T.
20" BOTTOM OF HOLE @ LEDGE		



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4: KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 91 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

TP #JL119
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 24"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/1
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/2
10"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 24" NO E.S.H.W.T.

24" BOTTOM OF HOLE @ LEDGE

TP #JL120
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 24"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/1
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
8"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6 ROOTS TO 24" NO E.S.H.W.T.

24" BOTTOM OF HOLE @ LEDGE

TP #JL121
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 40"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/3
8"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
28" ESHWT @ 28"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 2.5Y 5/3 ROOTS TO 36"

40" BOTTOM OF HOLE @ LEDGE

TP #JL122
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 20"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
10"	C	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 4/6 ROOTS TO 20" NO E.S.H.W.T.

20" BOTTOM OF HOLE @ LEDGE

TP #JL123
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 50"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
9"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
20"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 4/6
34" ESHWT @ 34"	C3	GRANULAR, FRIABLE FINE LOAMY SAND 2.5Y 5/3 ROOTS TO 36"

50" BOTTOM OF HOLE @ LEDGE

TP #JL124
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 48"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
8"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4
18"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 4/6
30" ESHWT @ 30"	C3	GRANULAR, FRIABLE FINE LOAMY SAND 2.5Y 5/3 ROOTS TO 36"

48" BOTTOM OF HOLE @ LEDGE

TP #JL125
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 48"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
10"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4
18"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 5/4
28" ESHWT @ 28"	C3	GRANULAR, FRIABLE FINE SAND 2.5Y 5/3 ROOTS TO 36"

48" BOTTOM OF HOLE @ LEDGE

TP #JL126
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: 12 MIN/INCH
 IMPERVIOUS LAYER: 52"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
8"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4
18"	C2	GRANULAR, FRIABLE FINE SAND 10YR 4/6
30" ESHWT @ 30"	C3	GRANULAR, FRIABLE FINE SAND 2.5Y 5/3 ROOTS TO 40"

52" BOTTOM OF HOLE @ LEDGE

TP #JL127
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 26"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
8"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6 ROOTS TO 26" NO E.S.H.W.T.

26" BOTTOM OF HOLE @ LEDGE

TP #JL128
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 30"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/2
3"	B	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/4
10"	C	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 3/4 ROOTS TO 30" NO E.S.H.W.T.

30" BOTTOM OF HOLE @ LEDGE

TP #JL129
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 42"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
12"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
26" ESHWT @ 26"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 4/4 ROOTS TO 38"

42" BOTTOM OF HOLE @ LEDGE

TP #JL130
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 28"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
10"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 28" NO E.S.H.W.T.

28" BOTTOM OF HOLE @ LEDGE

TP #JL131
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 52"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 3/3
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/6
10"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
28" ESHWT @ 28"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 4/4 ROOTS TO 40"

52" BOTTOM OF HOLE @ LEDGE

TP #JL132
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 22"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
6"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 22" NO E.S.H.W.T.

22" BOTTOM OF HOLE @ LEDGE

TP #JL133
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 26"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
10"	C	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 4/4 ROOTS TO 26" NO E.S.H.W.T.

26" BOTTOM OF HOLE @ LEDGE

TP #JL134
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 22"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
8"	C	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4 ROOTS TO 22" NO E.S.H.W.T.

22" BOTTOM OF HOLE @ LEDGE

TP #JL135
 LOGGED BY JDL
 PERC. TEST @ 20"
 DATE: 6-18-12
 PERC. RATE: 8 MIN/INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/3
5"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/4
18"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 10YR 5/4
34" ESHWT @ 34"	C3	GRANULAR, FRIABLE FINE SAND 2.5Y 5/3 ROOTS TO 50"

72" BOTTOM OF HOLE NO LEDGE

TP #JL137
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 38"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
4"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
8"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 4/6
22" ESHWT @ 22"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 2.5Y 5/4 ROOTS TO 38"

38" BOTTOM OF HOLE @ LEDGE

TP #JL138
 LOGGED BY JDL
 PERC. TEST DATE: 6-18-12
 PERC. RATE: IMPERVIOUS LAYER: 50"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	A	GRANULAR, VERY FRIABLE FINE SANDY LOAM 10YR 2/2
3"	B	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 3/4
8"	C1	GRANULAR, FRIABLE FINE SANDY LOAM 10YR 5/6
22" ESHWT @ 22"	C2	GRANULAR, FRIABLE FINE LOAMY SAND 2.5Y 5/4 ROOTS TO 45"

50" BOTTOM OF HOLE @ LEDGE



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24; MAP 194: LOTS 9 & 10 & MAP 195: LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC, 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDELL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENISE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM
 KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (803) 627-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 92 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____
 SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

TP #500

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 60 inches.

76" BOTTOM OF HOLE, NO LEDGE

TP #501

LOGGED BY JN
PERC. TEST @ 30"
DATE: 11-13-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 42 inches.

76" BOTTOM OF HOLE, NO LEDGE

TP #502

LOGGED BY JN
PERC. TEST @ 30"
DATE: 11-13-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 46 inches.

76" BOTTOM OF HOLE, NO LEDGE

TP #503

LOGGED BY JN
PERC. TEST @ 24"
DATE: 11-13-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 46 inches.

72" BOTTOM OF HOLE, NO LEDGE

TP #504

LOGGED BY JN
PERC. TEST @ 24"
DATE: 11-13-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 26 inches.

76" BOTTOM OF HOLE, NO LEDGE

TP #505

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 24 inches.

72" BOTTOM OF HOLE, NO LEDGE

TP #506

LOGGED BY JN
PERC. TEST @ 24"
DATE: 11-13-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 28 inches.

72" BOTTOM OF HOLE, NO LEDGE

TP #507

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 26 inches.

54" BOTTOM OF HOLE AT LEDGE

TP #507A

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 34 inches.

76" BOTTOM OF HOLE, NO LEDGE

TP #508

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 30 inches.

72" BOTTOM OF HOLE, NO LEDGE

TP #509

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 26 inches.

72" BOTTOM OF HOLE, NO LEDGE

TP #509A

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 24 inches.

72" BOTTOM OF HOLE, NO LEDGE

TP #510

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 28 inches.

46" BOTTOM OF HOLE AT LEDGE

TP #510A

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 24 inches.

72" BOTTOM OF HOLE, NO LEDGE

TP #511

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 32 inches.

76" BOTTOM OF HOLE, NO LEDGE

TP #512

LOGGED BY JN
PERC. TEST @ 22"
DATE: 11-13-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 34 inches.

76" BOTTOM OF HOLE, NO LEDGE

TP #513

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 28 inches.

52" BOTTOM OF HOLE, NO LEDGE

TP #513B

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 30 inches.

58" BOTTOM OF HOLE, NO LEDGE

TP #513C

LOGGED BY JN
PERC. TEST @ 20"
DATE: 11-13-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

Table with 3 columns: DEPTH, HORIZON, and description of soil layers from 0 to 30 inches.

56" BOTTOM OF HOLE AT LEDGE

TEST PIT LOGS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

Table with 3 columns: OWNER OF MAP 186, LOT 24; OWNER OF MAP 186; LOT 20-4; OWNER OF MAP 201; LOT 7.

KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture



APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING:
SIGNATURE: DATE:
SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL.

Table with 4 columns: No., DATE, DESCRIPTION, BY. Contains revision history for the logs.

DATE: JANUARY 7, 2015
PROJECT NO: 11-0202-1
SCALE: AS SHOWN
SHEET 93 OF 102

TP #514

LOGGED BY JN
PERC. TEST
DATE: 11-13-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: 40"
WATER ENCOUNTERED: NONE
E.S.H.W.T.: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
6"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
	B	7.5YR 5/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM
28"		
	C	7.5YR 6/8, GRANULAR, FRIABLE, LOAMY SAND, WEATHERED BEDROCK THROUGHOUT
40"		BOTTOM OF HOLE AT LEDGE

TP #520

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: 58"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
6"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
30"		
	C	2.5Y 7/2, WEAK GRANULAR, FRIABLE, LOAMY SAND FEW DIST. FE CONC. (MOTTLES) THROUGHOUT
65"		BOTTOM OF HOLE AT LEDGE

TP #520A

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: 58"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
6"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
30"		
	C	2.5Y 7/2, WEAK GRANULAR, FRIABLE, LOAMY SAND FEW DIST. FE CONC. (MOTTLES) THROUGHOUT
58"		BOTTOM OF HOLE AT LEDGE

TP #521

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
6"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
30"		
	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. (MOTTLES) @ 36"
65"		BOTTOM OF HOLE, NO LEDGE

TP #521A

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
26"		
	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. (MOTTLES) @ 36"
60"		BOTTOM OF HOLE, NO LEDGE

TP #521B

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: 56"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
26"		
	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. (MOTTLES) @ 34"
56"		BOTTOM OF HOLE AT LEDGE

TP #521C

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 10 MIN./INCH
IMPERVIOUS LAYER: 54"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
26"		
	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. (MOTTLES) @ 32"
54"		BOTTOM OF HOLE AT LEDGE

TP #522

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 28"
IMPERVIOUS LAYER: 28"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
28"		BOTTOM OF HOLE AT LEDGE

TP #523

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 20 MIN./INCH
IMPERVIOUS LAYER: 60"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
30"		
	C	10YR 7/2, WEAK GRANULAR, FRIABLE, FINE LOAMY SAND FEW DIST. FE CONC. (MOTTLES) @ 30"
60"		BOTTOM OF HOLE AT LEDGE

TP #523A

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 24"
IMPERVIOUS LAYER: 24"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
24"		BOTTOM OF HOLE AT LEDGE

TP #525

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 38"
IMPERVIOUS LAYER: 38"
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 5/6, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
24"		
	C	10YR 7/2, WEAK GRANULAR, FRIABLE, FINE LOAMY SAND
38"		BOTTOM OF HOLE AT LEDGE

TP #526

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 5/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
24"		
	C-1	10YR 7/4, BLOCKY, FRIABLE, LOAMY SAND, FEW ROOTS
48"		
	C-2	10YR 7/2, WEAK GRANULAR, FRIABLE, FINE LOAMY SAND, FEW FAINT FE CONC. THROUGHOUT
78"		BOTTOM OF HOLE, NO LEDGE

TP #526B

LOGGED BY JN
PERC. TEST
DATE: 11-19-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	10YR 5/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
20"		
	C-1	10YR 7/4, BLOCKY, FRIABLE, LOAMY SAND, FEW ROOTS
50"		
	C-2	10YR 7/2, WEAK GRANULAR, FRIABLE, FINE LOAMY SAND, FEW FAINT FE CONC. THROUGHOUT
78"		BOTTOM OF HOLE, NO LEDGE

TP #527

LOGGED BY JN
PERC. TEST
DATE: 11-20-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 4/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	7.5YR 5/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
34"		
	C	7.5YR 8/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. THROUGHOUT
68"		BOTTOM OF HOLE, NO LEDGE

TP #527A

LOGGED BY JN
PERC. TEST
DATE: 11-20-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 4/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	7.5YR 5/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
32"		
	C	7.5YR 8/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. THROUGHOUT
65"		BOTTOM OF HOLE, NO LEDGE

TP #527B

LOGGED BY JN
PERC. TEST
DATE: 11-20-2014
PERC. RATE: 12 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 4/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
	B	7.5YR 5/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
32"		
	C	7.5YR 8/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. THROUGHOUT
68"		BOTTOM OF HOLE, NO LEDGE

TP #528

LOGGED BY JN
PERC. TEST
DATE: 11-20-2014
PERC. RATE: 8 MIN./INCH
IMPERVIOUS LAYER: NONE
WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2"	O	FOREST MAT
0"		
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
28"		
	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. @ 46"
60"		BOTTOM OF HOLE, NO LEDGE

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



TEST PIT LOGS

EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186: LOT 24, MAP 194: LOTS 9 & 10 & MAP 195: LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186: LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201: LOT 7 GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
PROJECT NO: 11-0202-1 SHEET 94 OF 102

TP #529
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
24"		
ESHWT @ 42"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. @ 46"
64" BOTTOM OF HOLE, NO LEDGE		

TP #529B
 LOGGED BY JN
 PERC. TEST @ 24"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
26"		
ESHWT @ 44"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. @ 44"
56" BOTTOM OF HOLE AT LEDGE		

TP #529C
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
20"		
38"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND
38" BOTTOM OF HOLE AT LEDGE		

TP #530
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
24"		
ESHWT @ 36"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. @ 36"
54" BOTTOM OF HOLE AT LEDGE		

TP #530A
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 11-20-2014
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 56"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
26"		
ESHWT @ 34"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. @ 34"
56" BOTTOM OF HOLE AT LEDGE		

TP #530B
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: 60"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
28"		
ESHWT @ 32"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. @ 32"
60" BOTTOM OF HOLE AT LEDGE		

TP #530C
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: 58"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
28"		
ESHWT @ 32"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. @ 32"
58" BOTTOM OF HOLE AT LEDGE		

TP #531
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 11-20-2014
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 32"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY COARSE ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, FEW ROOTS
20"		
32"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND
32" BOTTOM OF HOLE AT LEDGE		

TP #532
 LOGGED BY JN
 PERC. TEST @ 24"
 DATE: 11-20-2014
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 58"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
12"	B-1	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, MANY ROOTS
20"	B-2	10YR 6/8, BLOCKY, FRIABLE, FINE SANDY LOAM, FEW ROOTS
28"		
ESHWT @ NONE TO 54"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW ROOTS
54" BOTTOM OF HOLE AT LEDGE		

TP #532A
 LOGGED BY JN
 PERC. TEST @ 24"
 DATE: 11-20-2014
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 50"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
8"	B-1	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, MANY ROOTS
18"	B-2	10YR 6/8, BLOCKY, FRIABLE, FINE SANDY LOAM, FEW ROOTS
30"		
ESHWT @ NONE TO 50"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW ROOTS
50" BOTTOM OF HOLE AT LEDGE		

TP #533
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 11-20-2014
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 56"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, MANY ROOTS
28"		
ESHWT @ 36"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW ROOTS TO 36"
56" BOTTOM OF HOLE AT LEDGE		

TP #534
 LOGGED BY JN
 PERC. TEST @ 22"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: 56"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, MANY ROOTS
24"		
ESHWT @ 48"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. (MOTTLES) @ 48"
56" BOTTOM OF HOLE AT LEDGE		

TP #534A
 LOGGED BY JN
 PERC. TEST @ 22"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: 56"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
8"	B	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, MANY ROOTS
26"		
ESHWT @ 48"	C	10YR 7/3, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW FAINT FE CONC. (MOTTLES) @ 48"
56" BOTTOM OF HOLE AT LEDGE		

TP #535
 LOGGED BY JN
 PERC. TEST @ 22"
 DATE: 11-20-2014
 PERC. RATE: 10 MIN./INCH
 IMPERVIOUS LAYER: 56"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
8"	B	10YR 5/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, MANY ROOTS
28"		
ESHWT @ NONE TO 50"	C-1	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE LOAMY SAND, FEW ROOTS
48"		
ESHWT @ NONE TO 56"	C-2	10YR 7/2, WEAK GRANULAR, FRIABLE, LOAMY SAND, FEW DIST. FE CONC. (MOTTLES) THROUGHOUT
56" BOTTOM OF HOLE AT LEDGE		

TP #535A
 LOGGED BY JN
 PERC. TEST @ 26"
 DATE: 11-20-2014
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: 46"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/3, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
8"	B	10YR 5/4, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, MANY ROOTS
26"		
ESHWT @ 76"	C	10YR 6/8, WEAK GRANULAR, FRIABLE, FINE LOAMY SAND, FEW ROOTS
46" BOTTOM OF HOLE AT LEDGE		

TP #900
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 7-28-15
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
8"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
16"	B	10YR 7/6, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, COMMON ROOTS
22"		
ESHWT @ 76"	C	10YR 8/3, WEAK GRANULAR, VERY FRIABLE, FINE SANDY LOAM, FEW ROOTS TO 70", FE FAINT FE CONC. (MOTTLES) @ 76"
80" BOTTOM OF HOLE, NO LEDGE		

TP #901
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 7-28-15
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
8"	B	10YR 7/6, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, COMMON ROOTS
24"		
ESHWT @ 72"	C	10YR 8/3, WEAK GRANULAR, VERY FRIABLE, FINE SANDY LOAM, FEW ROOTS (NO E.S.H.W.T. TO 72")
72" BOTTOM OF HOLE, NO LEDGE		

TP #902
 LOGGED BY JN
 PERC. TEST @ 20"
 DATE: 7-28-15
 PERC. RATE: 8 MIN./INCH
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
2" 0"	O	FOREST MAT
4"	A	10YR 3/4, WEAK GRANULAR, FRIABLE, LOAMY, MANY ROOTS
8"	B	10YR 7/6, WEAK GRANULAR, FRIABLE, FINE SANDY LOAM, COMMON ROOTS
28"		
ESHWT @ 72"	C	10YR 8/3, WEAK GRANULAR, VERY FRIABLE, FINE SANDY LOAM, FEW ROOTS (NO E.S.H.W.T. TO 72")
72" BOTTOM OF HOLE, NO LEDGE		

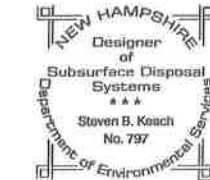
PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10, MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24; MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC, 21 CONVENTIAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KM KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 95 OF 102

IP #600

LOGGED BY JDM
 PERC. TEST: 12-5-2014
 DATE: 12-5-2014
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: 54"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
4"	A	10YR 5/6, GRANULAR, FRIABLE, LOAMY SAND
14"	B	2.5Y 5/4, GRANULAR, FRIABLE, LOAMY SAND
23"	C	2.5Y 6/3, GRANULAR, FRIABLE, FINE SAND, 7.5YR 6/8 - Fe CONC.
ESHWT @ 36"		
54" BOTTOM OF HOLE AT LEDGE		

IP #601

LOGGED BY JDM
 PERC. TEST: 12-5-2014
 DATE: 12-5-2014
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: 49"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
4"	A	10YR 5/6, GRANULAR, FRIABLE, LOAMY SAND
14"	B	2.5Y 5/4, GRANULAR, FRIABLE, LOAMY SAND
23"	C	2.5Y 6/3, GRANULAR, FRIABLE, FINE SAND, 7.5YR 6/8 - Fe CONC.
ESHWT @ 36"		
49" BOTTOM OF HOLE AT LEDGE		

IP #602

LOGGED BY JDM
 PERC. TEST: 12-5-2014
 DATE: 12-5-2014
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: 60"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
6"	A	10YR 5/6, GRANULAR, FRIABLE, LOAMY SAND, ROOTS
15"	B	2.5Y 5/6, GRANULAR, FRIABLE, LOAMY SAND, ROOTS
25"	ESHWT @ 25"	
34"	C	5Y 6/3, GRANULAR, FRIABLE, FINE SAND, TRACE COBBLES
60" BOTTOM OF HOLE AT LEDGE		

IP #604

LOGGED BY JDM
 PERC. TEST: 12-5-2014
 DATE: 12-5-2014
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: 61"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
3"	A	10YR 3/6, GRANULAR, FRIABLE, LOAMY SAND, ROOTS
7"	B1	10YR 6/8, GRANULAR, FRIABLE, FINE LOAMY SAND, ROOTS TO 32"
18"	B2	2.5Y 6/6, GRANULAR, FRIABLE, FINE SAND
31"	C	2.5Y 7/3, GRANULAR, FRIABLE, FINE SAND, TRACE COBBLES, 7.5YR 6/8 - Fe CONC.
ESHWT @ 33"		
61" BOTTOM OF HOLE AT LEDGE		

IP #605

LOGGED BY JDM
 PERC. TEST: 12-5-2014
 DATE: 12-5-2014
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: 53"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
3"	A	10YR 3/6, GRANULAR, FRIABLE, LOAMY SAND, ROOTS
11"	B1	10YR 6/8, GRANULAR, FRIABLE, FINE LOAMY SAND, ROOTS TO 32"
24"	B2	2.5Y 6/6, GRANULAR, FRIABLE, FINE SAND, 7.5YR 6/8 - Fe CONC.
34"	C	2.5Y 7/3, GRANULAR, FRIABLE, FINE SAND, TRACE COBBLES
ESHWT @ 32"		
53" BOTTOM OF HOLE AT LEDGE		

IP #606

LOGGED BY JDM
 PERC. TEST: 12-5-2014
 DATE: 12-5-2014
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
3"	A	2.5Y 5/4, GRANULAR, FRIABLE, LOAMY SAND, ROOTS
7"	B	2.5Y 6/4, GRANULAR, FRIABLE, FINE SANDY LOAM, ROOTS TO 28"
18"	C	2.5Y 7/3, GRANULAR, FRIABLE, FINE SAND, TRACE COBBLES, 7.5YR 5/8 - Fe CONC.
ESHWT @ 23"		
65" BOTTOM OF HOLE, NO LEDGE		

IP #700

LOGGED BY JDM
 PERC. TEST: 12-16-2014
 DATE: 12-16-2014
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: 43"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
2"	A	10YR 3/3, GRANULAR, FRIABLE, LOAM
12"	B	10YR 6/6, GRANULAR, FRIABLE, FINE SANDY LOAM
26"	C	2.5Y 7/2, GRANULAR, FRIABLE, FINE SAND, 7.5YR 6/8 - Fe CONC.
ESHWT @ 30"		
43" BOTTOM OF HOLE AT LEDGE		

IP #701

LOGGED BY JDM
 PERC. TEST: 12-16-2014
 DATE: 12-16-2014
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: 43"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
2"	A	10YR 3/3, GRANULAR, FRIABLE, LOAM
12"	B	10YR 6/6, GRANULAR, FRIABLE, FINE SANDY LOAM
26"	C	2.5Y 7/2, GRANULAR, FRIABLE, FINE SAND, 7.5YR 6/8 - Fe CONC.
ESHWT @ 30"		
43" BOTTOM OF HOLE AT LEDGE		

IP #800

LOGGED BY JDM
 PERC. TEST: 5-19-15
 DATE: 5-19-15
 PERC. RATE: 15-20 MIN/IN
 IMPERVIOUS LAYER: 56"
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
2"	A	10YR 3/3, W. GRANULAR, FRIABLE, LOAMY, MANY ROOTS
6"	B	10 YR 6/6, W. GRANULAR, FRIABLE, FINE SANDY LOAM
30"	C	10 YR 7/4, W. GRANULAR, FRIABLE, LOAMY SAND, FEW FE CONC. @ 50"
ESHWT @ 50"		
56" BOTTOM OF HOLE, LEDGE		

IP #801

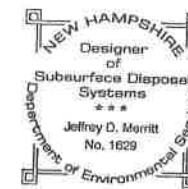
LOGGED BY JDM
 PERC. TEST: 5-20-15
 DATE: 5-20-15
 PERC. RATE: 8-10 MIN/IN
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
4"	A	10YR 6/6, GRANULAR, FRIABLE, LOAMY SAND, ROOTS
19"	B	2.5 Y 5/8, GRANULAR, FRIABLE, SANDY LOAM, ROOTS
31"	C	5 Y 2/6, GRANULAR, FRIABLE, FINE SAND, TRACE GRAVEL, ROOTS TO 36", FEW FE CONC. @ 36"
ESHWT @ 52"		
60" BOTTOM OF HOLE, NO LEDGE		

IP #802

LOGGED BY JDM
 PERC. TEST: 5-20-15
 DATE: 5-20-15
 PERC. RATE: 8-10 MIN/IN
 IMPERVIOUS LAYER: NONE
 WATER ENCOUNTERED: NONE

DEPTH	HORIZON	DESCRIPTION
0"	O	FOREST MAT
4"	A	10YR 6/6, GRANULAR, FRIABLE, LOAMY SAND, ROOTS
19"	B	2.5 Y 5/8, GRANULAR, FRIABLE, SANDY LOAM, ROOTS
31"	C	5 Y 2/6, GRANULAR, FRIABLE, FINE SAND, TRACE GRAVEL, ROOTS TO 36", FEW FE CONC. @ 36"
ESHWT @ 52"		
56" BOTTOM OF HOLE, NO LEDGE		



TEST PIT LOGS

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24; MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: AS SHOWN
 PROJECT NO: 11-0202-1 SHEET 96 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE _____ DATE _____
 SIGNATURE _____ DATE _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

CONVENTIONAL LOT AREA TABLE

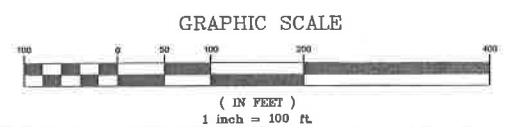
LOT NUMBER	TOTAL LOT AREA		WETLAND AREA		AREA >25% SLOPE		BUILDBLE LOT AREA		FRONTAGE
	SF	ACRES	SF	ACRES	SF	ACRES	SF	ACRES	
1	327,826	7.521	75,482	1.733	82,007	1.883	106,127	2.436	614
2	118,832	2.728	N/A	N/A	20,371	0.468	96,445	2.200	200
3	104,412	2.397	2,343	0.054	8,230	0.189	93,839	2.154	200
4	127,838	2.935	10,695	0.246	16,513	0.379	87,237	2.003	200
5	102,824	2.361	12,937	0.297	2,234	0.051	87,653	2.012	200
6	94,416	2.167	2,225	0.051	4,586	0.106	87,209	2.002	200
7	120,990	2.788	18,839	0.432	4,104	0.094	94,601	2.172	200
8	118,951	2.731	16,882	0.388	5,634	0.127	87,155	2.001	443
9	92,658	2.127	532	0.012	5,519	0.127	87,138	2.000	200
10	299,405	6.873	115,007	2.640	10,714	0.246	87,484	2.008	478
11	102,701	2.358	34	0.001	11,774	0.270	90,227	2.087	287
12	244,240	5.607	50,320	1.155	16,488	0.379	127,217	2.921	379
13	101,490	2.329	8,208	0.186	43	0.001	86,579	2.056	233
14	182,549	4.191	40,366	0.927	13,513	0.310	88,370	2.029	440
15	145,148	3.332	4,863	0.107	1,795	0.041	138,690	3.184	214
16	87,892	2.018	N/A	N/A	966	0.016	87,196	2.002	200
17	100,594	2.309	11,369	0.262	88,299	0.021	88,299	2.026	525
18	221,644	5.088	105,453	2.421	N/A	N/A	87,183	2.001	561
19	183,773	4.219	91,922	2.110	N/A	N/A	87,147	2.001	200
20	257,833	5.914	99,298	2.280	4,425	0.102	88,652	2.035	311
21	127,544	2.928	28,077	0.645	557	0.013	98,909	2.271	200
22	90,832	2.081	N/A	N/A	3,308	0.076	87,321	2.005	200
23	87,787	2.015	N/A	N/A	290	0.007	87,497	2.009	266
24	94,391	2.167	928	0.021	6,499	0.126	87,964	2.019	200
25	124,230	2.852	22,185	0.510	12,889	0.298	88,345	2.028	210
26	149,490	3.432	1,750	0.040	30,846	0.708	118,644	2.724	200
27	102,382	2.350	2,457	0.056	5,714	0.131	90,167	2.070	265
28	102,836	2.361	N/A	N/A	15,449	0.356	87,387	2.006	433
29	106,724	2.450	2,281	0.052	17,561	0.403	89,164	2.047	441
30	91,415	2.099	N/A	N/A	3,986	0.092	87,428	2.007	200
31	90,570	2.079	N/A	N/A	N/A	N/A	89,483	2.054	200
32	90,429	2.076	N/A	N/A	1,246	0.029	87,203	2.002	407
33	87,138	2.000	N/A	N/A	N/A	N/A	87,138	2.000	200
34	87,308	2.004	N/A	N/A	N/A	N/A	87,308	2.004	200
35	116,024	2.664	9,074	0.208	7,852	0.180	90,529	2.078	299
36	152,478	3.500	N/A	N/A	12,144	0.279	115,156	2.644	300
37	516,294	11.852	146,655	3.367	48,051	1.103	146,010	3.352	200
38	168,529	3.869	28,964	0.619	20,291	0.466	87,970	2.020	200
39	247,570	5.683	11,754	0.270	18,519	0.425	94,126	2.161	200
40	250,968	5.782	99,804	2.291	5,923	0.136	103,517	2.376	200
41	239,838	5.506	111,392	2.557	805	0.014	127,367	2.924	200
42	88,280	2.027	N/A	N/A	55	0.001	88,225	2.025	200
43	87,245	2.003	N/A	N/A	N/A	N/A	87,245	2.003	200
44	91,670	2.104	N/A	N/A	1,042	0.024	90,628	2.081	361
45	89,184	2.047	N/A	N/A	1,167	0.027	88,027	2.021	213
46	93,381	2.144	N/A	N/A	1,923	0.044	91,458	2.100	200
47	94,404	2.187	N/A	N/A	3,925	0.090	90,479	2.077	200
48	120,447	2.765	N/A	N/A	3,180	0.073	117,267	2.682	200
49	128,870	2.958	12,609	0.289	1,486	0.034	114,755	2.634	200
50	90,868	2.086	1,724	0.040	1,270	0.029	87,847	2.017	200
51	188,205	4.321	52,212	1.198	4,304	0.099	87,957	2.019	733
52	263,685	6.053	147,596	3.388	6,666	0.153	87,551	2.010	605
53	149,663	3.436	56,853	1.305	4,669	0.107	87,144	2.001	245
54	115,700	2.656	23,016	0.528	5,474	0.126	87,169	2.001	303
55	123,261	2.830	17,760	0.408	4,657	0.107	100,844	2.315	496
56	211,888	4.884	51,526	1.183	3,344	0.077	157,018	3.605	200
57	112,128	2.574	N/A	N/A	N/A	N/A	112,128	2.574	208
58	98,640	2.284	N/A	N/A	N/A	N/A	98,640	2.284	203
59	87,475	2.008	N/A	N/A	N/A	N/A	87,138	2.000	471
60	95,162	2.185	N/A	N/A	7,986	0.183	87,175	2.001	200
61	94,028	2.159	6,774	0.156	78	0.002	87,177	2.001	200
62	87,852	2.017	186	0.004	532	0.012	87,134	2.000	399
63	258,463	5.917	38,389	0.880	55,588	1.276	144,478	3.317	200
64	102,022	2.342	7,763	0.178	1,570	0.036	87,457	2.008	200
65	262,908	6.035	106,753	2.451	14,904	0.342	88,656	2.036	896
66	121,875	2.798	28,006	0.643	4,837	0.111	89,032	2.044	348
67	130,548	2.967	29,802	0.684	12,334	0.283	88,410	2.030	302
68	108,224	2.484	6,944	0.159	14,102	0.324	87,178	2.001	516
69	113,524	2.606	11,868	0.268	3,155	0.072	87,288	2.004	311
70	335,460	7.701	80,499	1.847	145,647	3.344	109,344	2.510	493
71	189,583	4.352	79,068	1.816	21,088	0.484	89,417	2.053	1261
72	109,058	2.504	3,373	0.077	12,846	0.295	92,839	2.131	570
73	114,514	2.629	1,110	0.025	22,768	0.523	90,838	2.081	318
74	118,424	2.719	N/A	N/A	14,134	0.324	104,290	2.394	672



YIELD PLAN NOTES:

1. THE PURPOSE OF THIS PLAN IS TO ILLUSTRATE THE CONCEPTUAL LAYOUT OF A CONVENTIONAL RESIDENTIAL SUBDIVISION FOR THE PURPOSE OF DETERMINING THE ALLOWABLE DENSITY FOR AN OPEN SPACE DEVELOPMENT.
2. THIS YIELD PLAN ILLUSTRATES A TOTAL OF 74 CONVENTIONAL LOTS. LOT 36 DOES NOT COUNT TOWARDS THE ALLOWED OSD DENSITY AS LOT 36 IS CURRENTLY DEVELOPED. THE TOTAL ALLOWED OSD DENSITY BASED ON THIS PLAN IS 73 LOTS.
3. PROPOSED OSD DENSITY = 67 LOTS
CONVENTIONAL YIELD DENSITY = 73 LOTS

- LEGEND**
- STONE BOUND FOUND
 - IRON PIN FOUND
 - DRILL HOLE
 - UTILITY POLE
 - SIGN
 - WELL
 - DRAINAGE MANHOLE
 - CATCH BASIN
 - ABUTTER LINE
 - EXISTING PROPERTY LINE
 - STREAM
 - WETLAND
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 - RETAINING WALL
 - EDGE OF PAVEMENT
 - EDGE OF GRAVEL
 - 10' CONTOUR
 - 2' CONTOUR
 - STONEWALL
 - EASEMENT



YIELD PLAN FOR 67 LOT OPEN SPACE DEVELOPMENT
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10, MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUBEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENISE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KMA KEACH-NORDSTROM ASSOCIATES, INC.
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 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2881

REVISIONS

No.	DATE	DESCRIPTION	BY
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2	06/18/15	REVISED PER TOWN COMMENTS	JIM
3	07/27/15	REVISED PER TOWN COMMENTS	JIM

DATE: JANUARY 7, 2015 SCALE: 1" = 100'
 PROJECT NO: 11-0202-1 SHEET 97 OF 102

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

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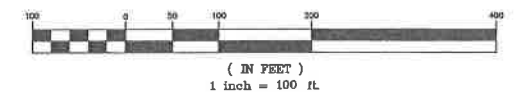
SEE SHEET 97 FOR LOT AREA TABLE & YIELD PLAN NOTES



LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- WELL
- DRAINAGE MANHOLE
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- EDGE OF GRAVEL
- 10' CONTOUR
- 2' CONTOUR
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- EASEMENT

GRAPHIC SCALE



PURSUANT TO THE SUBMISSION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

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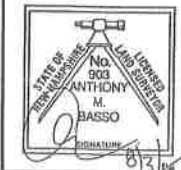
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**YIELD PLAN FOR 67 LOT OPEN SPACE DEVELOPMENT
EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY**

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SEE SHEET 97 FOR LOT AREA TABLE & YIELD PLAN NOTES



LEGEND

- STONE BOUND FOUND
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- 2' CONTOUR
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GRAPHIC SCALE



(IN FEET)
1 inch = 100 ft.

**YIELD PLAN FOR 67 LOT OPEN SPACE DEVELOPMENT
EAGLES NEST ESTATES**
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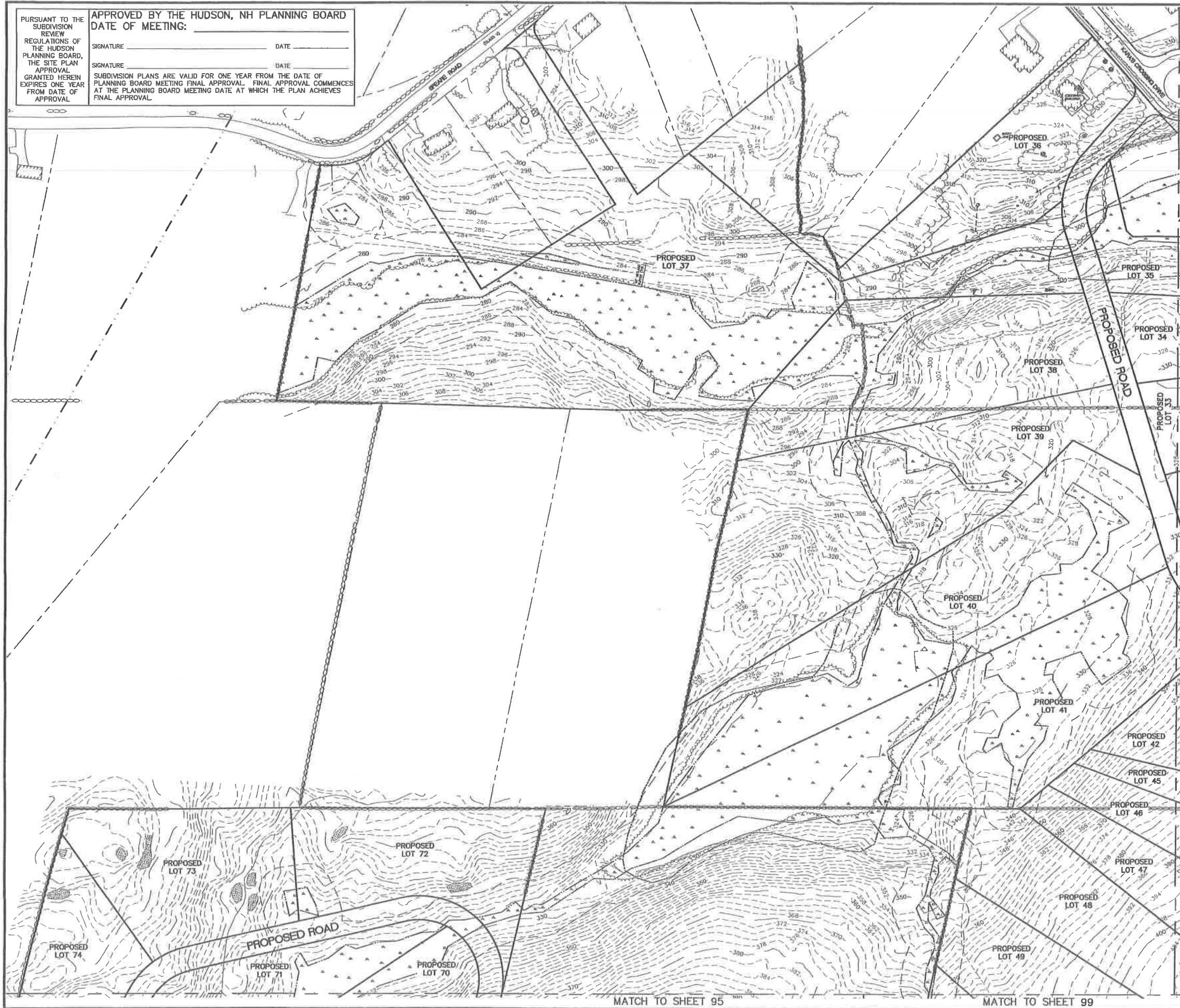
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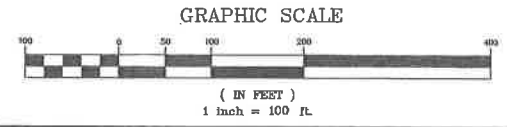
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SEE SHEET 97 FOR LOT AREA TABLE & YIELD PLAN NOTES



LEGEND

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- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
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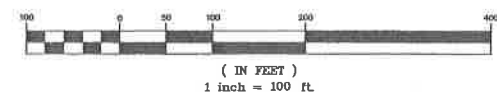
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LEGEND

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- ⊙ IRON PIN FOUND
- ⊙ DRILL HOLE
- ⊙ UTILITY POLE
- ⊙ SIGN
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GRAPHIC SCALE



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EAGLES NEST ESTATES
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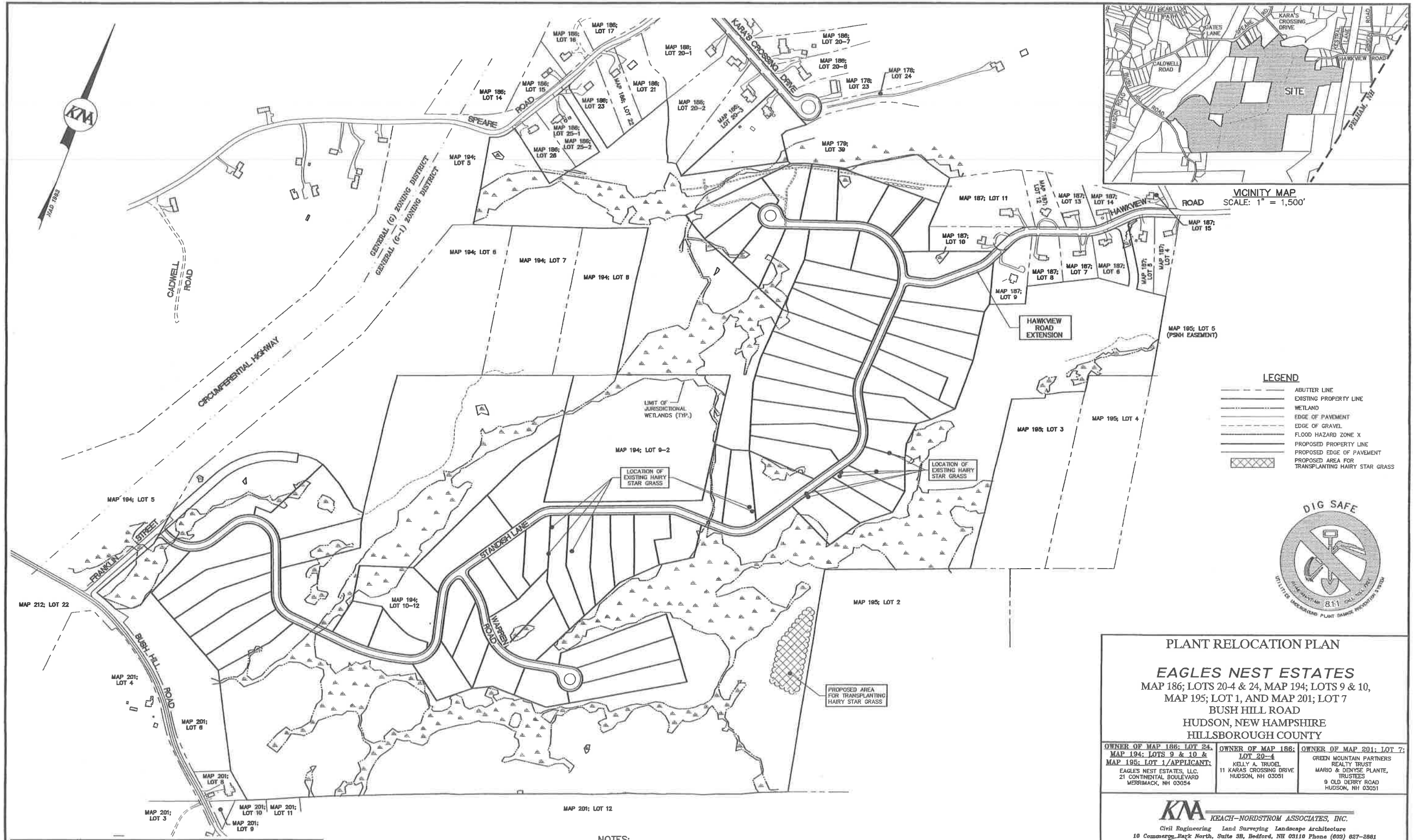
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DATE: JANUARY 7, 2015 SCALE: 1" = 100'
 PROJECT NO: 11-0202-1 SHEET 101 OF 102



LEGEND

---	ABUTTER LINE
---	EXISTING PROPERTY LINE
---	WETLAND
---	EDGE OF PAVEMENT
---	EDGE OF GRAVEL
---	FLOOD HAZARD ZONE X
---	PROPOSED PROPERTY LINE
---	PROPOSED EDGE OF PAVEMENT
---	PROPOSED AREA FOR TRANSPLANTING HAIRY STAR GRASS



PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

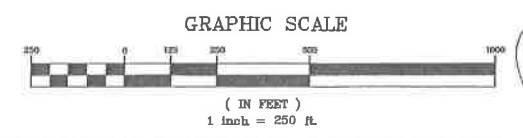
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- NOTES:**
1. THE PURPOSE OF THIS PLAN IS TO SHOW THE LOCATION OF EXISTING HAIRY STAR GRASS ON THE SUBJECT PARCEL AND TO ILLUSTRATE THE PROPOSED AREA WHERE IT WILL BE RELOCATED TO.
 2. A REPRESENTATIVE FROM GOVE ENVIRONMENTAL SERVICES (GES) SHALL BE NOTIFIED PRIOR TO THE TRANSPLANTING. CONTACT LUKE HURLEY AT (603)770-5114.
 3. THE TRANSPLANT AREA SHALL BE MARKED IN THE FIELD BY GES PRIOR TO DIGGING UP THE PANTS.
 4. INDIVIDUAL PANTS OR CLUSTERS WILL BE DUG UP IN LARGE SOIL CLUMPS AND MARKED OFF WITH SURVEY TAPE TO LIMIT FURTHER DISTURBANCE.
 5. ONCE TRANSPLANTED, THE TRANSPLANT AREA WILL BE MONITORED BY GES FOR THREE (3) SUCCESSIVE YEARS IN THE MID-SUMMER AS REQUIRED BY NEW HAMPSHIRE NATURAL HERITAGE BUREAU.



PLANT RELOCATION PLAN

EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
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DATE: JANUARY 7, 2015 SCALE: 1" = 250'
 PROJECT NO: 11-0202-1 SHEET 102 OF 102

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REFERENCE PLANS:

- "PLAN OF LAND, TURNABOUT, GIBSON RD., HUDSON, N.H.," SCALE: 1"=200', DATED 11/23/76, LAST REVISED 6/14/78, PREPARED BY PLANTHOS ASSOCIATES, INC. H.C.R.D. PLAN NO.11302.
- "SUBDIVISION PLAN, KARA'S CROSSING, 75 SPEARE ROAD, HUDSON, NEW HAMPSHIRE," SCALE: 1"=200', DATED DECEMBER 1, 2006, LAST REVISED 6/04/07, PREPARED BY MAYNARD & PAQUETTE ENGINEERING ASSOCIATES, LLC. H.C.R.D. PLAN NO. 35553. (2 SHEETS)
- "SURVEY OF LAND IN HUDSON, N.H. BELONGING TO HERVE W. LAMOTHE," SCALE: 1"=60', DATED DECEMBER 1979 WITH REVISIONS THRU APRIL 1984, PREPARED BY YOUNG, CAMPBELL AND GATE, INC. H.C.R.D. PLAN NO. 16579.
- "BOUNDARY PLAN-LOTS 28, 28-1, 29, 29-1 & 6-5/MAP 18, BUSH HILL & SPEARE ROADS, HUDSON, NEW HAMPSHIRE," SCALE: 1"=200', DATED OCTOBER 1986, PREPARED BY MAYNARD & PAQUETTE INC. H.C.R.D. PLAN NO. 19834.
- "HAWKVIEW, MAP 22 LOT 10 CODE 022, ZONE-RURAL," SCALE: AS SHOWN, DATED SEPT. 1981, PREPARED BY FRANK O. SPRAGUE, R.L.S. H.C.R.D. PLAN NO. 15275. (2 SHEETS)
- "LOT LINE RELOCATE & SUBDIVISION PLAN-MAP 195/LOT 1, MAP 186/LOT 24, MAP 194/LOT 10, MAP 201/LOT 7, HAWKVIEW RIDGE, HAWKVIEW ROAD, HUDSON, NEW HAMPSHIRE," SCALE: 1"=100', DATED JUNE 1, 2005, LAST REVISED 06/09/06, PREPARED BY MAYNARD & PAQUETTE ENGINEERING ASSOCIATES, LLC. (6 SHEETS)
- "LOT LINE RELOCATION PLAN, MILLS & ERB PROPERTY, BUSH HILL ROAD, HUDSON, NEW HAMPSHIRE," SCALE: 1"=200', DATED JUNE 18, 1998, LAST REVISED 10/7/98, PREPARED BY MAYNARD & PAQUETTE ENGINEERING ASSOCIATES, LLC. H.C.R.D. PLAN NO. 29476.
- "SUBDIVISION PLAN OF LAND IN HUDSON, HILLSBOROUGH COUNTY, N.H. BELONGING TO TURNABOUT ASSOCIATES & IR REALTY ET AL.," SCALE: 1"=40', DATED JULY 11, 1977, PREPARED BY GABOR SZAVA-KOVATS R.L.S. H.C.R.D. PLAN NO. 10580. (2 SHEETS)
- "LOT LINE RELOCATION PLAN, SPEARE ROAD, HUDSON, N.H.," SCALE: 1"=100', DATED JUNE 1985, PREPARED BY M.J. GRAINGER ENGINEERING. H.C.R.D. PLAN NO. 19065.
- "THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, RIGHT-OF-WAY, PLANS OF PROPOSED NASHUA-HUDSON CIRCUMFERENTIAL HIGHWAY, N.H. PROJECT NO. 10644," SCALE: 1"=50', DATED 5/89, LAST REVISED 3/16/91, PREPARED BY DELEUW, CATHER & COMPANY.

GENERAL NOTES:

- THE PURPOSE OF THIS PLAN SET IS TO ILLUSTRATE A LOT LINE ADJUSTMENT OF EXISTING TAX MAP 186; LOTS 20-4 AND 24.
- BOUNDARY INFORMATION SHOWN HEREON IS THE RESULT OF AN ON THE GROUND FIELD SURVEY PERFORMED BY THIS OFFICE BETWEEN MAY 2011 AND NOVEMBER 2013.
- TOPOGRAPHIC INFORMATION DEPICTED ON THIS PLAN IS A COMPILATION OF AN ON THE GROUND SURVEY PERFORMED BY THIS OFFICE BETWEEN MAY 2011 AND NOVEMBER 2013 AND AERIAL MAPPING PREPARED BY EASTERN TOPOGRAPHICS, INC. IN APRIL 2011.
- WETLAND DELINEATION WAS PERFORMED BY GOVE ENVIRONMENTAL SERVICES, INC.
- SITE SPECIFIC SOIL MAPPING WAS PERFORMED BY GOVE ENVIRONMENTAL SERVICES, INC.
- EASEMENTS, RIGHTS AND RESTRICTIONS SHOWN OR IDENTIFIED HEREON ARE THOSE FOUND DURING RESEARCH PERFORMED AT THE HILLSBOROUGH COUNTY REGISTRY OF DEEDS.
- THE SUBJECT PARCELS ARE LOCATED ENTIRELY WITHIN THE GENERAL ONE (G-1) ZONING DISTRICT AND ARE SUBJECT TO THE FOLLOWING DIMENSIONAL REQUIREMENTS:

REQUIREMENT	CONVENTIONAL	OSD
MINIMUM LOT AREA	87,120 SF	43,560 SF
MINIMUM LOT FRONTAGE	200 FT	100 FT
MINIMUM FRONT SETBACK	30 FT (LOCAL ROAD)	15 FT
	50 FT (COLLECTOR ROAD)	
MINIMUM REAR SETBACK	15 FT	7.5 FT
MINIMUM SIDE SETBACK	15 FT	7.5 FT
- THE TOTAL LAND AREA IS AS FOLLOWS:

EXISTING MAP 186; LOT 20-4	= 637,878 SF, OR 14.644 ACRES
EXISTING MAP 186; LOT 24	= 1,509,314 SF, OR 34.649 ACRES
PARCEL "A" (TO BE ADDED TO MAP 186; LOT 24)	= 487,318 SF, OR 11.417 ACRES
PROPOSED MAP 186; LOT 20-4	= 140,560 SF, OR 3.227 ACRES
PROPOSED MAP 186; LOT 24	= 2,006,632 SF, OR 46.066 ACRES
- OWNERS OF RECORDS:

MAP 186; LOT 20-4 EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054 BK. 8221, PG. 189	MAP 186; 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051-8422 BK. 8046, PG. 2911
--	--
- THE LOCATION OF ANY UNDERGROUND UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. KEACH-NORDSTROM ASSOCIATES, INC. MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 811.
- EXAMINATION OF THE FLOOD INSURANCE RATE MAPS (FIRM) FOR THE TOWN OF HUDSON, NEW HAMPSHIRE, HILLSBOROUGH COUNTY, MAP NUMBER 33011005380, PANEL NUMBER 538 OF 701 AND MAP NUMBER 33011005190, PANEL NUMBER 519 OF 701, EFFECTIVE DATE SEPTEMBER 25, 2009 INDICATES THAT THE SUBJECT PREMISES IS NOT LOCATED WITHIN A FLOOD HAZARD AREA.
- LOT 20-4 IS SERVED BY ON-SITE SEPTIC SYSTEM AND WELL. LOT 24 IS UNDEVELOPED.
- STONE BOUNDS (5" x 30") TO BE SET AT ALL BOUNDARY INTERSECTIONS AND POINTS OF CURVATURE ON THE RIGHT-OF-WAY AND IRON PINS (2" x 30") TO BE SET AT ALL OTHER BOUNDARY CORNERS.
- SHEETS L1 THROUGH L4 SHALL BE RECORDED AT THE HILLSBOROUGH COUNTY REGISTRY OF DEEDS AND A FULL PLAN SET IS LOCATED AT THE HUDSON PLANNING OFFICES.

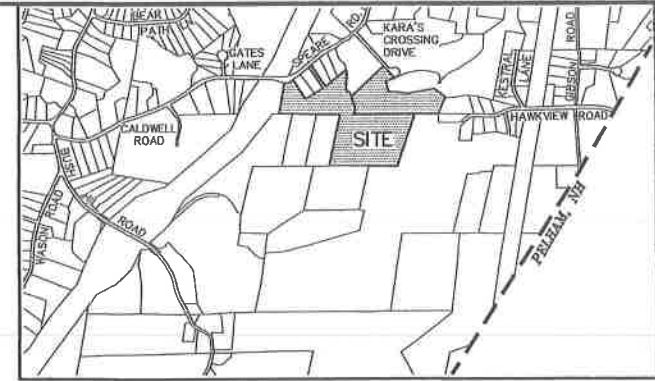
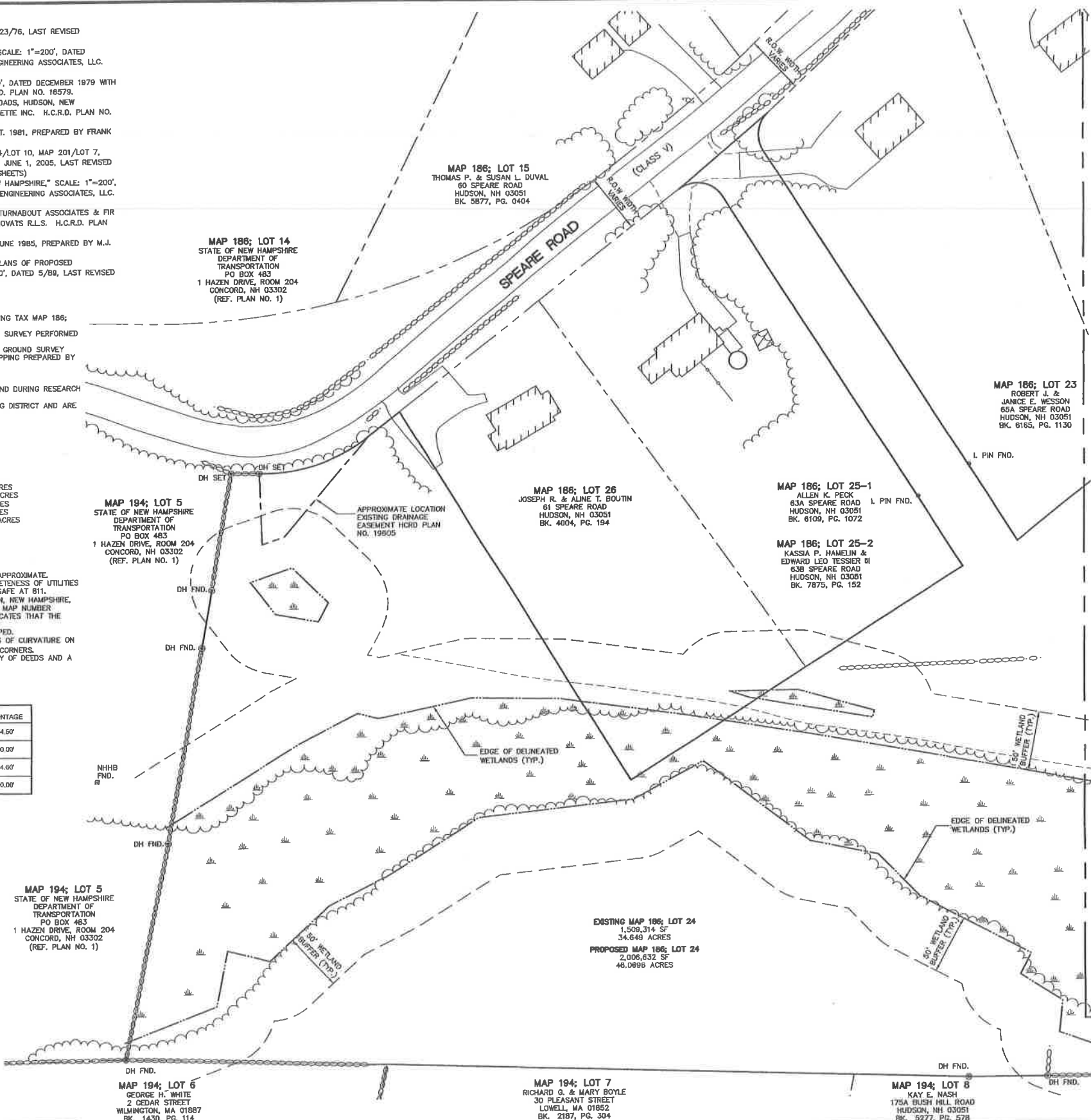
LOT AREA TABLE

LOT NUMBER	TOTAL LOT AREA	WETLAND AREA	AREA >25% SLOPE	BUILDABLE LOT AREA	FRONTAGE
EXISTING MAP 186; LOT 20-4	637,878 SF 14.644 ACRES	25,083 SF	50,383 SF	409,244 SF 9.397 ACRES	254.60'
EXISTING MAP 186; LOT 24	1,509,314 SF 34.649 ACRES	384,240 SF	75,048 SF	931,568 SF 21.203 ACRES	200.00'
PROPOSED MAP 186; LOT 20-4	140,560 SF 3.227 ACRES	2,731 SF	14,515 SF	92,965 SF 2.125 ACRES	254.60'
PROPOSED MAP 186; LOT 24	2,006,632 SF 46.066 ACRES	406,592 SF	110,886 SF	993,178 SF 22.941 ACRES	200.00'

OWNER OF MAP 186; LOT 20-4
 SIGNATURE: *[Signature]*
 DATE: 1-23-2015

APPLICANT/OWNER OF MAP 186; LOT 24
 SIGNATURE: *[Signature]*
 DATE: 1/12/2015

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____
 SIGNATURE: _____ DATE: _____
 SIGNATURE: _____ DATE: _____
 SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



VICINITY MAP
SCALE: 1" = 1,500'

LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- EXISTING WELL
- DRAINAGE MANHOLE
- CATCH BASIN
- STONE BOUND TO BE SET
- IRON PIN TO BE SET
- ABUTTER LINE
- EXISTING PROPERTY LINE
- STREAM
- WETLAND
- STOCKADE FENCE
- BARBED WIRE FENCE
- GUARDRAIL
- OVERHEAD UTILITIES
- TREELINE
- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- STONEWALL
- BUILDING SETBACK
- EXISTING EASEMENT
- PROPOSED PROPERTY LINE
- PROPOSED EASEMENT
- EXISTING PROPERTY LINE TO BE EXTINGUISHED

GRAPHIC SCALE
 (IN FEET)
 1 inch = 50 ft

DIG SAFE
 UTILITIES UNDERGROUND PLANT DAMAGE PREVENTION SYSTEM

LOT LINE ADJUSTMENT PLAN
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24
 SPEARE ROAD & KARAS CROSSING DRIVE
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051 H.C.R.D. BK. 8046, PG. 2911	OWNER OF MAP 186; LOT 24/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054 H.C.R.D. BK. 8221, PG. 169
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KMA KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3E, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: 1" = 50'
 PROJECT NO: 11-0202-1 SHEET L1 OF L6

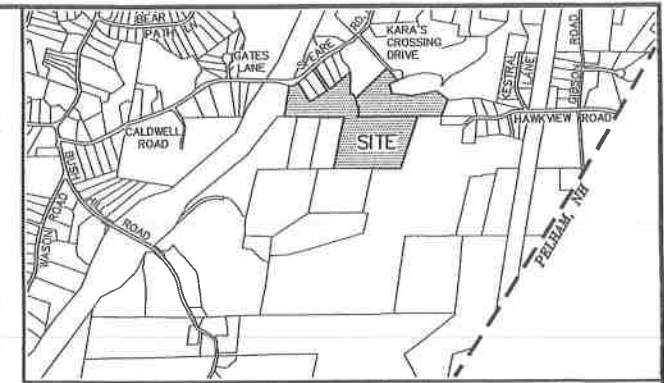


THIS IS TO CERTIFY THAT THE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1)

WETLAND DELINEATION PREPARED BY:
 NAME: _____ CERTIFIED WETLAND SCIENTIST # _____ DATE: 2/3/15

THIS PLAN AND THE SURVEY UPON WHICH IT IS BASED WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION BETWEEN MAY 2011 AND NOVEMBER 2013 IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STATE OF NEW HAMPSHIRE AND THE CITY/TOWN WITHIN WHICH IT IS LOCATED WITH A TRAVERSE ERROR OF CLOSURE BETTER THAN 1 PART IN 10,000. THE SURVEY PERFORMED IS CLASSIFIED AS A STANDARD URBAN PROPERTY SURVEY AS DEFINED IN THE STATE OF NEW HAMPSHIRE ADMINISTRATIVE RULES GOVERNING LAND SURVEYS (LAN 503).

8/3/15
 DATE

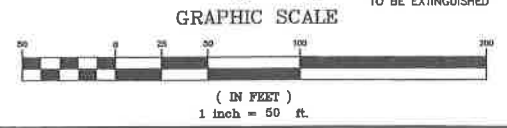


VICINITY MAP
SCALE: 1" = 1,500'

SEE SHEET L1 FOR GENERAL NOTES,
REFERENCE PLANS & LOT AREA TABLE

LEGEND

- ⊖ STONE BOUND FOUND
- ⊙ IRON PIN FOUND
- ⊙ DRILL HOLE
- ⊙ UTILITY POLE
- ⊙ SIGN
- ⊙ EXISTING WELL
- ⊙ DRAINAGE MANHOLE
- ⊙ CATCH BASIN
- ⊙ STONE BOUND TO BE SET
- ⊙ IRON PIN TO BE SET
- ⊙ ABUTTER LINE
- ⊙ EXISTING PROPERTY LINE
- ⊙ STREAM
- ⊙ WETLAND
- ⊙ STOCKADE FENCE
- ⊙ BARBED WIRE FENCE
- ⊙ GUARDRAIL
- ⊙ OVERHEAD UTILITIES
- ⊙ TREELINE
- ⊙ RETAINING WALL
- ⊙ EDGE OF PAVEMENT
- ⊙ EDGE OF GRAVEL
- ⊙ STONEWALL
- ⊙ BUILDING SETBACK
- ⊙ EXISTING EASEMENT
- ⊙ PROPOSED PROPERTY LINE
- ⊙ PROPOSED EASEMENT
- ⊙ EXISTING PROPERTY LINE TO BE EXTINGUISHED



LOT LINE ADJUSTMENT PLAN
EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24
SPEARE ROAD & KARAS CROSSING DRIVE
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 20-4
KELLY A. TRIDEL
11 KARAS CROSSING DRIVE
HUDSON, NH 03051
H.C.R.D. BK. 8046, PG. 2911

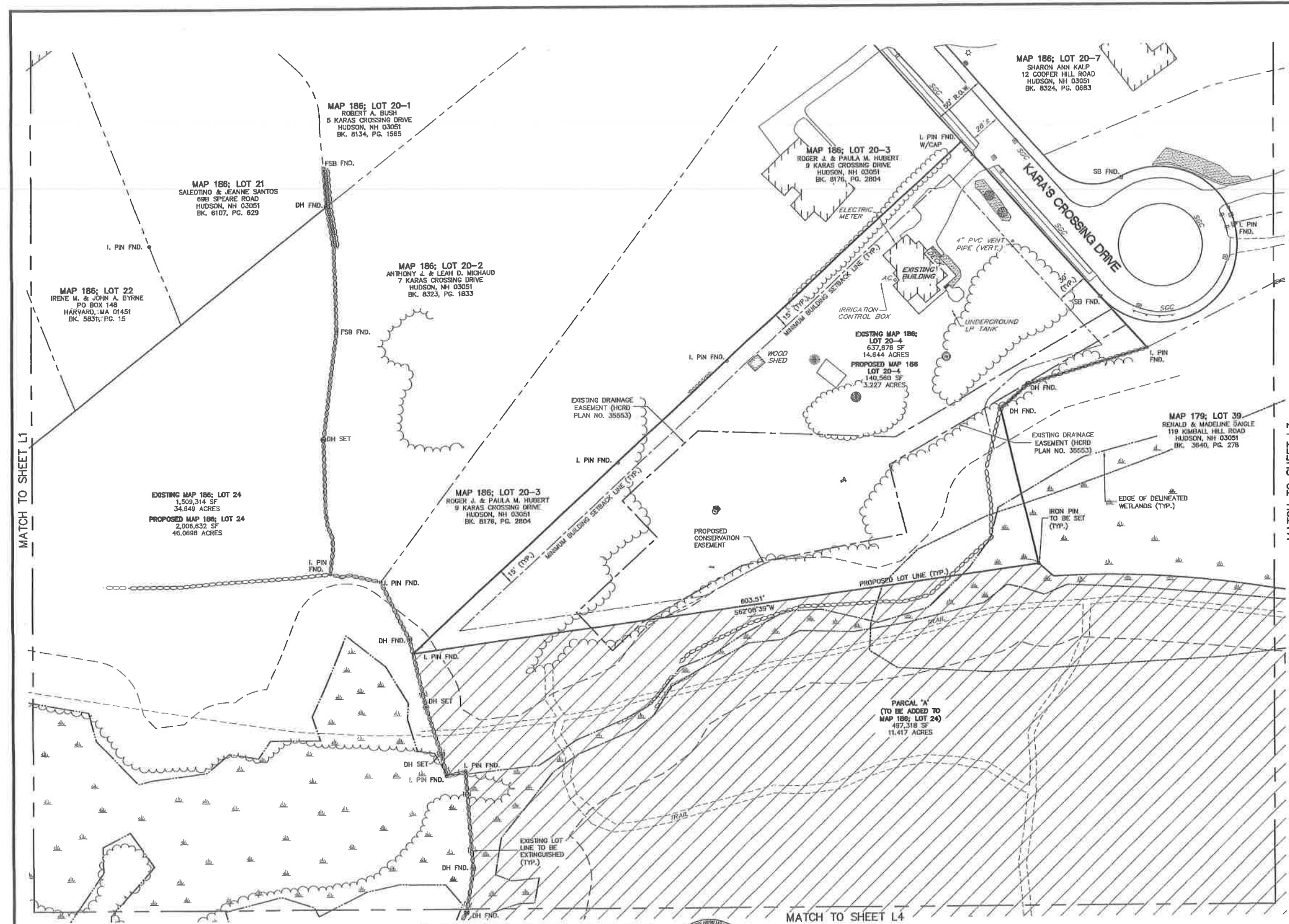
OWNER OF MAP 186;
LOT 24/APPLICANT:
EAGLES NEST ESTATES, LLC,
21 CONTINENTAL BOULEVARD
MERRIMACK, NH 03054
H.C.R.D. BK. 8221, PG. 169

KMA KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 827-2881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: 1" = 50'
PROJECT NO: 11-0202-1 SHEET L2 OF L8



OWNER OF MAP 186; LOT 20-4
SIGNATURE: *Memo Phant*
DATE: 1-23-2015



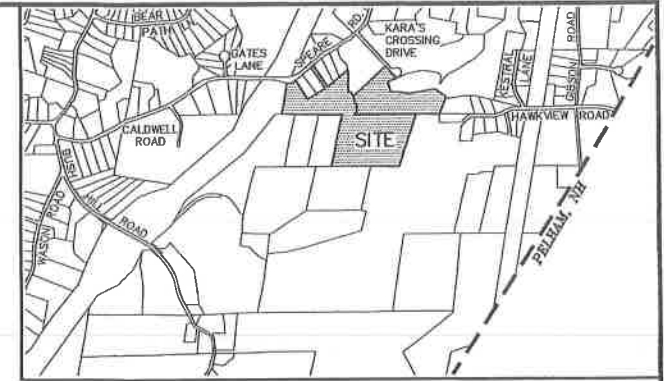
APPLICANT/OWNER OF MAP 186; LOT 24
SIGNATURE: *[Signature]*
DATE: 1/22/15

THIS IS TO CERTIFY THAT THE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1)
WETLAND DELINEATION PREPARED BY:
NAME: *[Signature]* DATE: 2/4/15
CERTIFIED WETLAND SCIENTIST # _____

THIS PLAN AND THE SURVEY UPON WHICH IT IS BASED WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION BETWEEN MAP 2011 AND NOVEMBER 2013 IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STATE OF NEW HAMPSHIRE AND THE CITY/TOWN WITHIN WHICH IT IS LOCATED WITH A TRAVERSE ERROR OF CLOSURE BETTER THAN 1 PART IN 10,000. THE SURVEY PERFORMED IS CLASSIFIED AS A STANDARD URBAN PROPERTY SURVEY AS DEFINED IN THE STATE OF NEW HAMPSHIRE ADMINISTRATIVE RULES GOVERNING LAND SURVEYS (LAN 503).

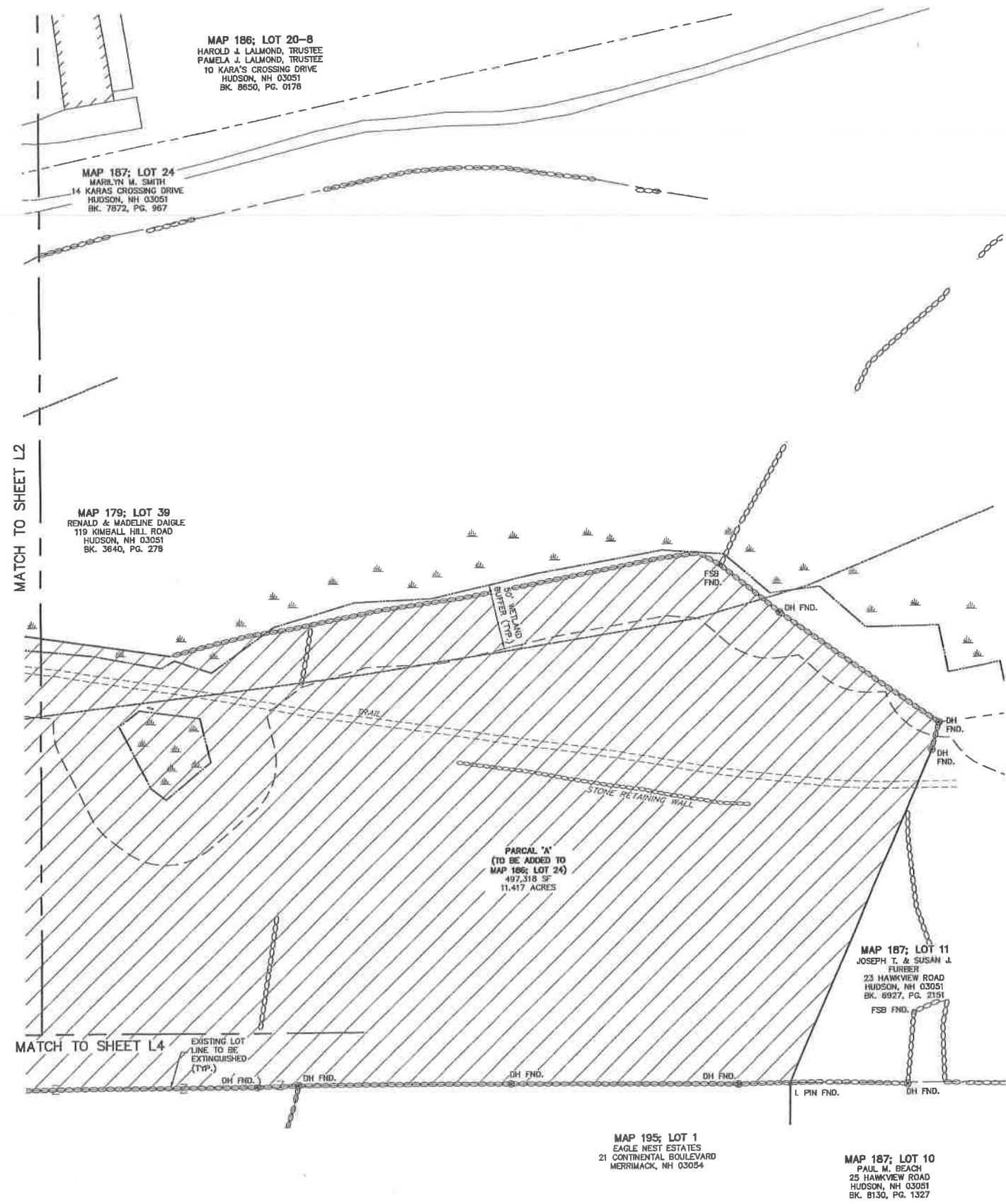
PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____
SIGNATURE: _____ DATE: _____
SIGNATURE: _____ DATE: _____
SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



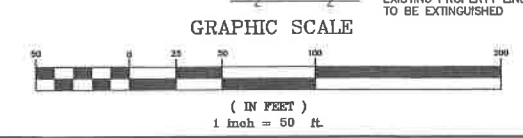
VICINITY MAP
SCALE: 1" = 1,500'

SEE SHEET L1 FOR GENERAL NOTES,
REFERENCE PLANS & LOT AREA TABLE



LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- EXISTING WELL
- DRAINAGE MANHOLE
- CATCH BASIN
- STONE BOUND TO BE SET
- IRON PIN TO BE SET
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- STREAM
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- BARBED WIRE FENCE
- GUARDRAIL
- OHU OVERHEAD UTILITIES
- TREELINE
- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- STONEWALL
- BUILDING SETBACK
- EXISTING EASEMENT
- PROPOSED PROPERTY LINE
- PROPOSED EASEMENT
- EXISTING PROPERTY LINE TO BE EXTINGUISHED



LOT LINE ADJUSTMENT PLAN
EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24
SPEARE ROAD & KARAS CROSSING DRIVE
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 20-4
KELLY A. TRUDEL
11 KARAS CROSSING DRIVE
HUDSON, NH 03051
H.C.R.D. BK. 5046, PG. 2911

OWNER OF MAP 186;
LOT 24/APPLICANT:
EAGLES NEST ESTATES, LLC
21 CONTINENTAL BOULEVARD
MERRIMACK, NH 03054
H.C.R.D. BK. 8221, PG. 169

KMA KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-8881

OWNER OF MAP 186; LOT 20-4
SIGNATURE: *[Signature]*
DATE: 1-23-2015

APPLICANT/OWNER OF MAP 186; LOT 24
SIGNATURE: *[Signature]*
DATE: 1/22/2015



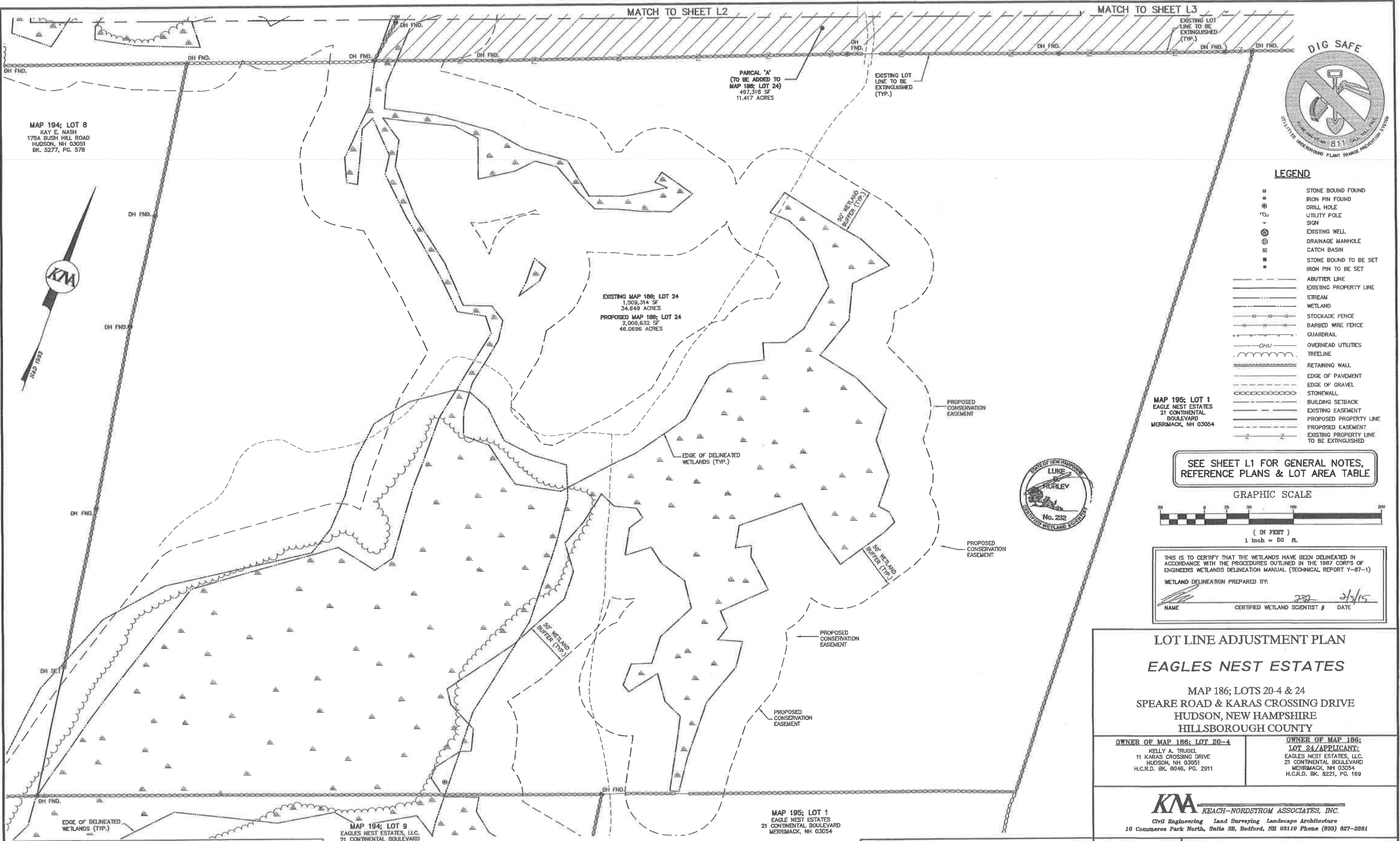
THIS IS TO CERTIFY THAT THE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1)
WETLAND DELINEATION PREPARED BY:
[Signature] 2/3/15
NAME: _____ CERTIFIED WETLAND SCIENTIST # _____ DATE: _____

THIS PLAN AND THE SURVEY UPON WHICH IT IS BASED WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION BETWEEN MAP 2011 AND NOVEMBER 2013 IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STATE OF NEW HAMPSHIRE AND THE CITY/TOWN WITHIN WHICH IT IS LOCATED WITH A TRAVERSE ERROR OF CLOSURE BETTER THAN 1 PART IN 10,000. THE SURVEY PERFORMED IS CLASSIFIED AS A STANDARD URBAN PROPERTY SURVEY AS DEFINED IN THE STATE OF NEW HAMPSHIRE ADMINISTRATIVE RULES GOVERNING LAND SURVEYS (LAN 503).
8/3/15
DATE: _____

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.
APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____
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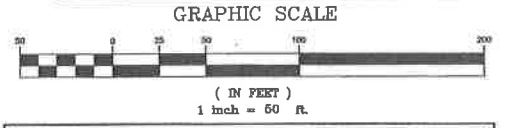
REVISIONS				
No.	DATE	DESCRIPTION	BY	
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM	
2	06/18/15	REVISED PER TOWN COMMENTS	JDM	
3	07/27/15	REVISED PER TOWN COMMENTS	JDM	

DATE: JANUARY 7, 2015 SCALE: 1" = 50'
PROJECT NO: 11-0202-1 SHEET L3 OF L8



- LEGEND**
- STONE BOUND FOUND
 - IRON PIN FOUND
 - ⊙ DRILL HOLE
 - ⊕ UTILITY POLE
 - ▽ SIGN
 - ⊙ EXISTING WELL
 - ⊙ DRAINAGE MANHOLE
 - ⊙ CATCH BASIN
 - STONE BOUND TO BE SET
 - IRON PIN TO BE SET
 - ABUTTER LINE
 - EXISTING PROPERTY LINE
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 - BARBED WIRE FENCE
 - GUARDRAIL
 - O.U. OVERHEAD UTILITIES
 - TREELINE
 - RETAINING WALL
 - EDGE OF PAVEMENT
 - EDGE OF GRAVEL
 - STONEWALL
 - BUILDING SETBACK
 - EXISTING EASEMENT
 - PROPOSED PROPERTY LINE
 - PROPOSED EASEMENT
 - EXISTING PROPERTY LINE TO BE EXTINGUISHED

SEE SHEET L1 FOR GENERAL NOTES, REFERENCE PLANS & LOT AREA TABLE



THIS IS TO CERTIFY THAT THE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1)

WETLAND DELINEATION PREPARED BY:

NAME: [Signature] CERTIFIED WETLAND SCIENTIST # 252 DATE: 2/3/15



LOT LINE ADJUSTMENT PLAN
EAGLES NEST ESTATES

MAP 186; LOTS 20-4 & 24
SPEARE ROAD & KARAS CROSSING DRIVE
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051 H.C.R.D. BK 6046, PG. 2911	OWNER OF MAP 186; LOT 24/APPLICANT: EAGLES NEST ESTATES, I.L.C. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054 H.C.R.D. BK 8221, PG. 169
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KMA KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commers Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____
SIGNATURE: _____ DATE: _____
SIGNATURE: _____ DATE: _____
SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

APPLICANT/OWNER OF MAP 186; LOT 24
SIGNATURE: [Signature]
DATE: 1/12/15

OWNER OF MAP 186; LOT 20-4
SIGNATURE: [Signature]
DATE: 1-23-15

THIS PLAN AND THE SURVEY UPON WHICH IT IS BASED WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION BETWEEN MAP 2011 AND NOVEMBER 2013 IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STATE OF NEW HAMPSHIRE AND THE CITY/TOWN WITHIN WHICH IT IS LOCATED WITH A TRAVERSE ERROR OF CLOSURE BETTER THAN 1 PART IN 10,000. THE SURVEY PERFORMED IS CLASSIFIED AS A STANDARD URBAN PROPERTY SURVEY AS DEFINED IN THE STATE OF NEW HAMPSHIRE ADMINISTRATIVE RULES GOVERNING LAND SURVEYS (LAN 503).

8/15
DATE

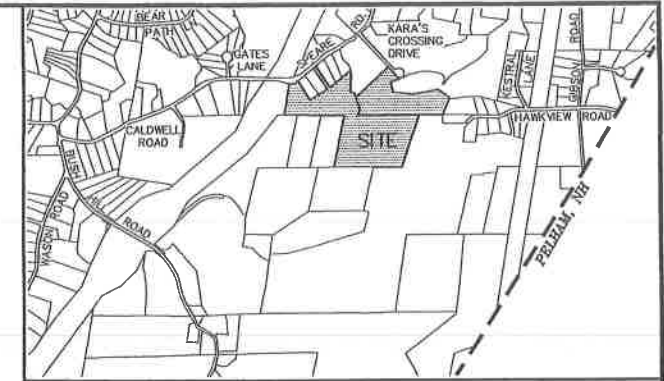


REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JOM
2	08/18/15	REVISED PER TOWN COMMENTS	JOM
3	07/27/15	REVISED PER TOWN COMMENTS	JOM

DATE: JANUARY 7, 2015
PROJECT NO: 11-0202-1
SCALE: 1" = 50'
SHEET L4 OF L8

SEE SHEET L1 FOR GENERAL NOTES,
REFERENCE PLANS & LOT AREA TABLE



VICINITY MAP
SCALE: 1" = 1,500'

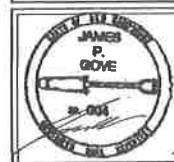
SCS SOILS LEGEND

CaC	CANTON FINE SANDY LOAM, 8 TO 15% SLOPES
CmC	CANTON STONY FINE SANDY LOAM, 8 TO 15% SLOPES
CmD	CANTON STONY FINE SANDY LOAM, 15 TO 25% SLOPES
CmE	CANTON STONY FINE SANDY LOAM, 25 TO 35% SLOPES
CpB	CHATFIELD-HOLLIS-CANTON COMPLEX, 3 TO 8% SLOPES
CpC	CHATFIELD-HOLLIS-CANTON COMPLEX, 8 TO 15% SLOPES
CpD	CHATFIELD-HOLLIS-CANTON COMPLEX, 15 TO 25% SLOPES
CsC	CHATFIELD-HOLLIS COMPLEX, 8 TO 15% SLOPES
CtD	CHATFIELD-HOLLIS-ROCK OUTCROP COMPLEX, 15 TO 35% SLOPES
LvA	LEICESTER-WALPOLE COMPLEX STONY, 0 TO 3% SLOPES
LvB	LEICESTER-WALPOLE COMPLEX STONY, 3 TO 8% SLOPES

SITE SPECIFIC SOIL MAP UNIT KEY

SYMBOL	MAP UNIT	SLOPE CLASS	DRAINAGE CLASS
42B	CANTON	0-8%	WELL
42C	CANTON	8-15%	WELL
42D	CANTON	15-25%	WELL
42E	CANTON	25%+	WELL
87B	CHATFIELD VERY STONY	0-8%	SOMEWHAT EXCESSIVELY
87C	CHATFIELD VERY STONY	8-15%	SOMEWHAT EXCESSIVELY
87D	CHATFIELD VERY STONY	15-25%	SOMEWHAT EXCESSIVELY
87E	CHATFIELD VERY STONY	25%+	SOMEWHAT EXCESSIVELY
444B	NEWFIELDS	0-8%	MODERATELY WELL
444C	NEWFIELDS	8-15%	MODERATELY WELL
444D	NEWFIELDS	15-25%	MODERATELY WELL
921B	NEWFIELDS VARIANT	0-8%	SOMEWHAT POORLY
921C	NEWFIELDS VARIANT	8-15%	SOMEWHAT POORLY
921D	NEWFIELDS VARIANT	15-25%	SOMEWHAT POORLY
546B/P	WALPOLE (POORLY DRAINED)	0-8%	POORLY

THIS MAP PRODUCT IS WITHIN THE TECHNICAL STANDARDS OF THE NATIONAL COOPERATIVE SOILS SURVEY. IT IS A SPECIAL PURPOSE PRODUCT, PRODUCED BY A CERTIFIED SOIL SCIENTIST, AND IS NOT A PRODUCT OF THE USDA NATURAL RESOURCE CONSERVATION SERVICE. THERE IS A NARRATIVE REPORT THAT ACCOMPANIES THIS MAP AND MAP KEY.



THIS DETAILED SITE-SPECIFIC SOIL MAP WAS PERFORMED ON NOVEMBER 6, 2013 BY GOVE ENVIRONMENTAL SERVICES, INC. IN EXETER, NEW HAMPSHIRE AND CONFORMS TO THE STANDARDS OF SS398 PUBLICATION NO. 3, AS AMENDED, "SITE-SPECIFIC SOIL MAPPING STANDARDS FOR NEW HAMPSHIRE AND VERMONT."

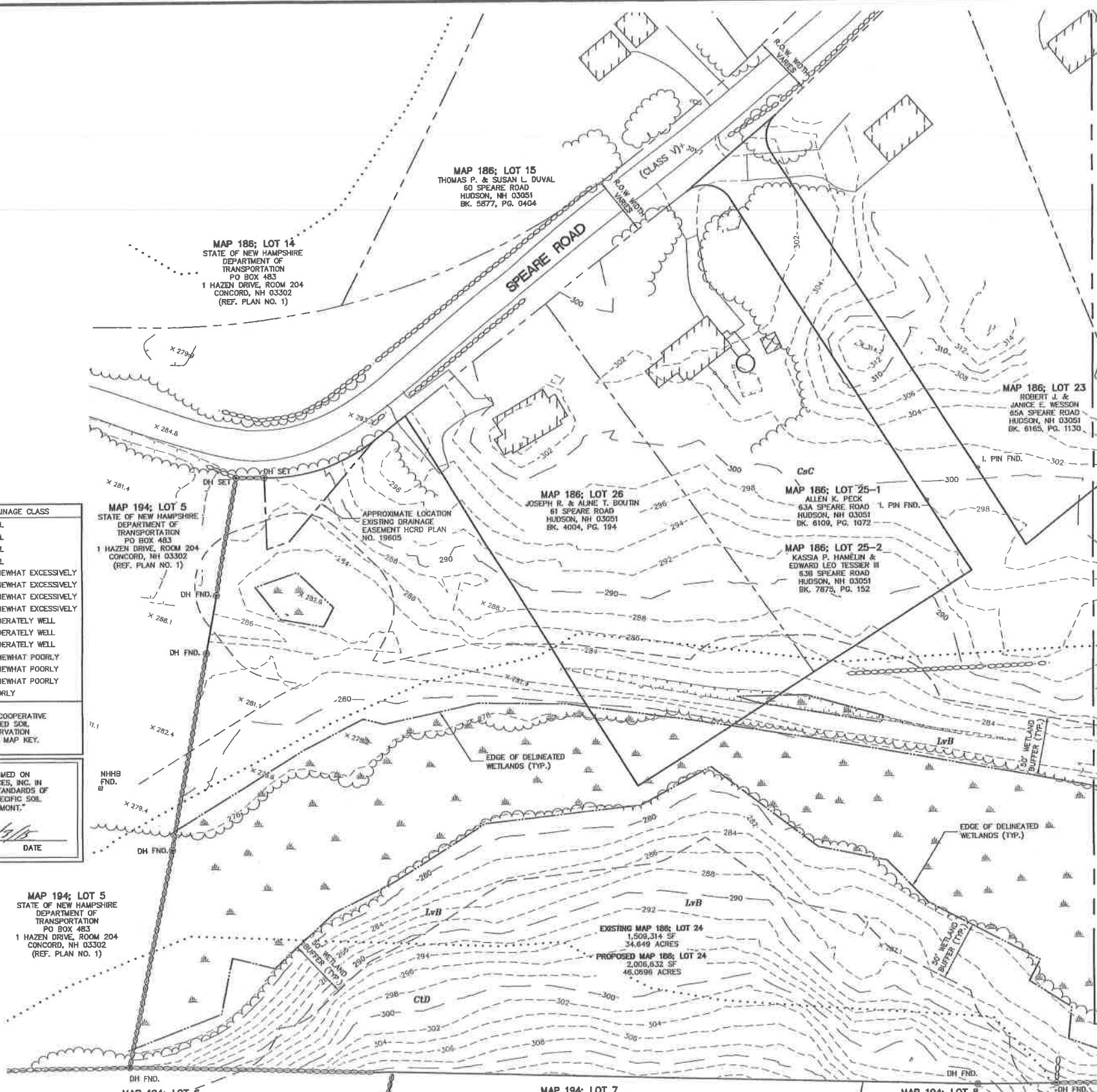
NAME: *James P. Gove* CERTIFIED SOIL SCIENTIST # *009* DATE: *11/15*

OWNER OF MAP 186; LOT 20-4

SIGNATURE: *Thomas P. Duval*
DATE: *1-23-2015*

APPLICANT/OWNER OF MAP 186; LOT 24

SIGNATURE: *Kay E. Nash*
DATE: *1/17/15*



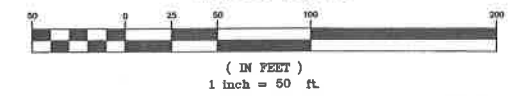
MATCH TO SHEET L6



LEGEND

○	STONE BOUND FOUND
●	IRON PIN FOUND
○	DRILL HOLE
○	UTILITY POLE
○	SIGN
○	EXISTING WELL
○	DRAINAGE MANHOLE
○	CATCH BASIN
○	STONE BOUND TO BE SET
○	IRON PIN TO BE SET
○	PROPOSED WELL
○	ABUTTER LINE
○	EXISTING PROPERTY LINE
○	STREAM
○	WETLAND
○	STOCKADE FENCE
○	BARBED WIRE FENCE
○	GUARDRAIL
○	OVERHEAD UTILITIES
○	DRAINAGE LINE
○	TREELINE
○	RETAINING WALL
○	EDGE OF PAVEMENT
○	EDGE OF GRAVEL
○	10' CONTOUR
○	2' CONTOUR
○	STONEWALL
○	SCS SOIL LINE
○	SITE SPECIFIC SOIL LINE
○	BUILDING SETBACK
○	EXISTING EASEMENT
○	PROPOSED PROPERTY LINE
○	PROPOSED EASEMENT
○	EXISTING PROPERTY LINE TO BE EXTINGUISHED

GRAPHIC SCALE



TOPOGRAPHIC LOT LINE ADJUSTMENT PLAN

EAGLES NEST ESTATES

MAP 186; LOTS 20-4 & 24
SPEARE ROAD & KARAS CROSSING DRIVE
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 20-4
KELLY A. TRUDEL
11 KARAS CROSSING DRIVE
HUDSON, NH 03051
H.C.R.D. BK. 8046, PG. 2911

OWNER OF MAP 186; LOT 24/APPLICANT:
EAGLES NEST ESTATES, LLC
21 CONTINENTAL BOULEVARD
MERRIMACK, NH 03054
H.C.R.D. BK. 8221, PG. 169

KMA KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 308, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JEM
2	06/19/15	REVISED PER TOWN COMMENTS	JEM
3	07/27/15	REVISED PER TOWN COMMENTS	JEM

DATE: JANUARY 7, 2015 SCALE: 1" = 50'
PROJECT NO: 11-0202-1 SHEET L5 OF L8

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____
SIGNATURE _____ DATE _____
SIGNATURE _____ DATE _____
SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



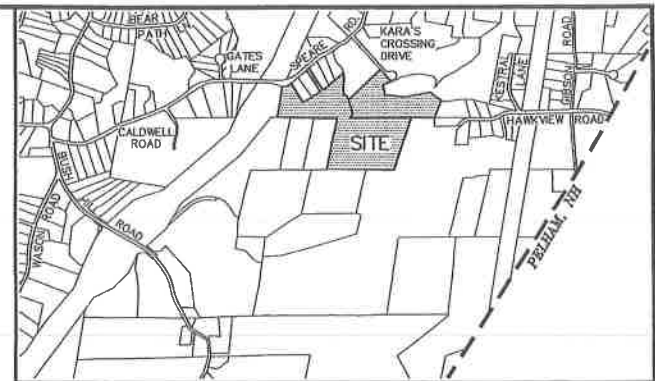
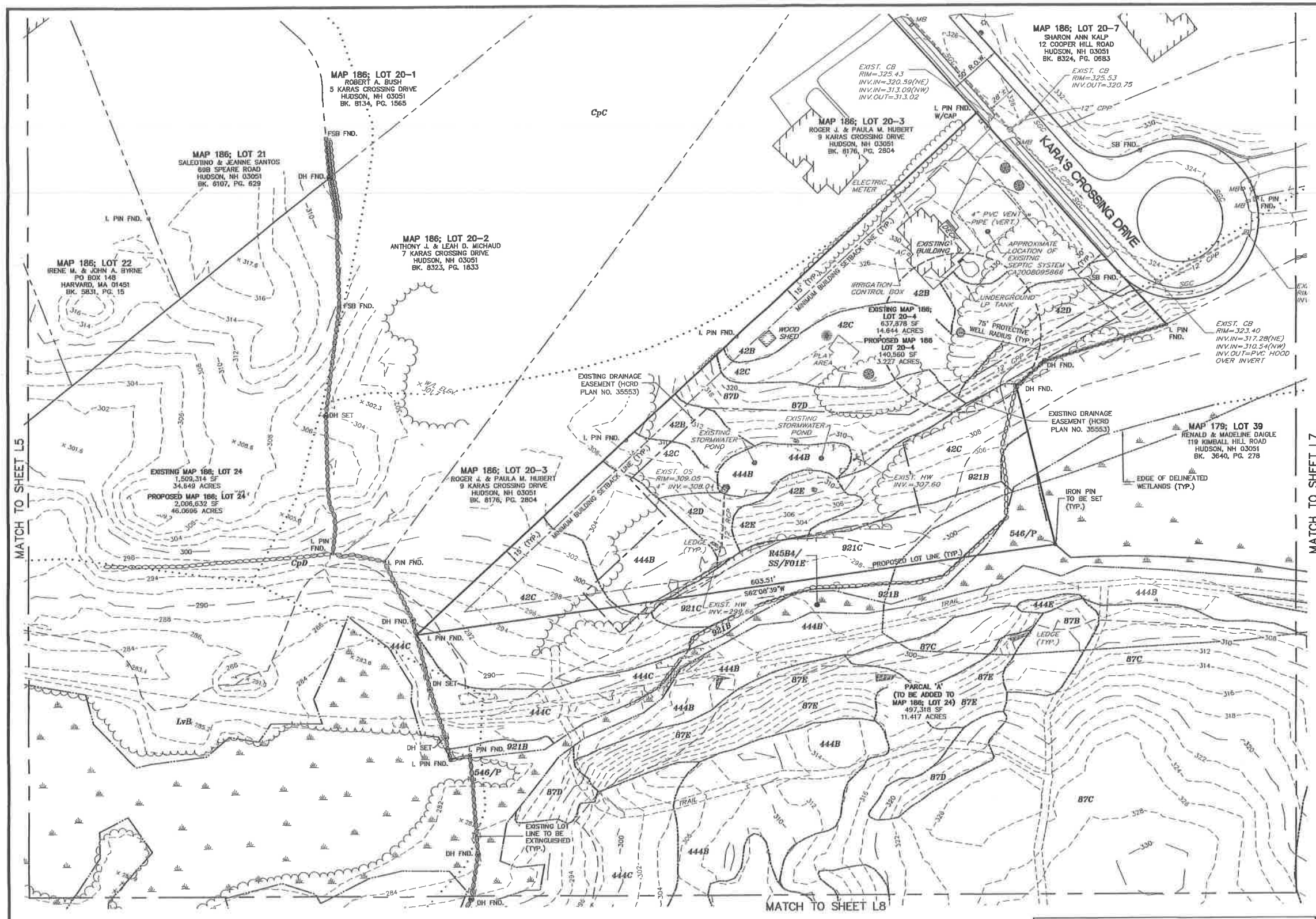
THIS IS TO CERTIFY THAT THE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1)

WETLAND DELINEATION PREPARED BY:
Luke Hurley
NAME: *Luke Hurley* CERTIFIED WETLAND SCIENTIST # *232* DATE: *2/3/15*

THIS PLAN AND THE SURVEY UPON WHICH IT IS BASED WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION BETWEEN MAP 2011 AND NOVEMBER 2013 IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STATE OF NEW HAMPSHIRE AND THE CITY/TOWN WITHIN WHICH IT IS LOCATED WITH A TRAVERSE ERROR OF CLOSURE BETTER THAN 1 PART IN 10,000. THE SURVEY PERFORMED IS CLASSIFIED AS A STANDARD URBAN PROPERTY SURVEY AS DEFINED IN THE STATE OF NEW HAMPSHIRE ADMINISTRATIVE RULES GOVERNING LAND SURVEYS (LAN 503).



Anthony M. Basso
DATE: *2/3/15*



VICINITY MAP
SCALE: 1" = 1,500'

SEE SHEET L1 FOR GENERAL NOTES,
REFERENCE PLANS & LOT AREA TABLE

SEE SHEET L5 FOR SITE SPECIFIC SOIL
MAP UNIT KEY & SCS SOILS LEGEND

LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- ⊙ DRILL HOLE
- ⊙ UTILITY POLE
- ⊙ SIGN
- ⊙ EXISTING WELL
- ⊙ DRAINAGE MANHOLE
- ⊙ CATCH BASIN
- ⊙ STONE BOUND TO BE SET
- ⊙ IRON PIN TO BE SET
- ⊙ PROPOSED WELL
- ⊙ ABUTTER LINE
- ⊙ EXISTING PROPERTY LINE
- ⊙ STREAM
- ⊙ WETLAND
- ⊙ STOCKADE FENCE
- ⊙ BARBED WIRE FENCE
- ⊙ GUARDRAIL
- ⊙ OHU OVERHEAD UTILITIES
- ⊙ DRAINAGE LINE
- ⊙ TREELINE
- ⊙ RETAINING WALL
- ⊙ EDGE OF PAVEMENT
- ⊙ EDGE OF GRAVEL
- ⊙ 10' CONTOUR
- ⊙ 2' CONTOUR
- ⊙ STONEWALL
- ⊙ SCS SOIL LINE
- ⊙ SITE SPECIFIC SOIL LINE
- ⊙ BUILDING SETBACK
- ⊙ EXISTING EASEMENT
- ⊙ PROPOSED PROPERTY LINE
- ⊙ PROPOSED EASEMENT
- ⊙ EXISTING PROPERTY LINE TO BE EXTINGUISHED



TOPOGRAPHIC LOT LINE ADJUSTMENT PLAN

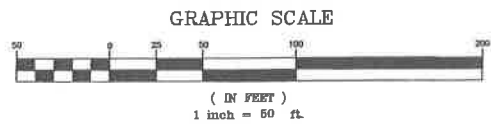
EAGLES NEST ESTATES

MAP 186; LOTS 20-4 & 24
SPEARE ROAD & KARAS CROSSING DRIVE
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 20-4: KELLY A. TRUDEL, 11 KARAS CROSSING DRIVE, HUDSON, NH 03051, H.C.R.D. BK. 8046, PG. 2911
OWNER OF MAP 186; LOT 24/APPLICANT: EAGLES NEST ESTATES, LLC, 21 CONTINENTAL BOULEVARD, MERRIMACK, NH 03054, H.C.R.D. BK. 8221, PG. 169



Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881



OWNER OF MAP 186; LOT 20-4
SIGNATURE: *Memo Phat*
DATE: 1-23-2015

APPLICANT/OWNER OF MAP 186; LOT 24
SIGNATURE: *[Signature]*
DATE: 1/22/2015



THIS IS TO CERTIFY THAT THE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1)
WETLAND DELINEATION PREPARED BY: *[Signature]* 2/3/15
NAME: _____ CERTIFIED WETLAND SCIENTIST # _____ DATE: _____



THIS DETAILED SITE-SPECIFIC SOIL MAP WAS PERFORMED ON NOVEMBER 8, 2013 BY GOVE ENVIRONMENTAL SERVICES, INC. IN EXETER, NEW HAMPSHIRE AND CONFORMS TO THE STANDARDS OF SSSNNE PUBLICATION NO. 3, AS AMENDED, "SITE-SPECIFIC SOIL MAPPING STANDARDS FOR NEW HAMPSHIRE AND VERMONT."
NAME: *[Signature]* 808 2/3/15
CERTIFIED SOIL SCIENTIST # _____ DATE: _____

THIS PLAN AND THE SURVEY UPON WHICH IT IS BASED WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION BETWEEN MAP 2011 AND NOVEMBER 2013 IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STATE OF NEW HAMPSHIRE AND THE CITY/TOWN WITHIN WHICH IT IS LOCATED WITH A TRAVERSE ERROR OF CLOSURE BETTER THAN 1 PART IN 10,000. THE SURVEY PERFORMED IS CLASSIFIED AS A STANDARD UREAN PROPERTY SURVEY AS DEFINED IN THE STATE OF NEW HAMPSHIRE ADMINISTRATIVE RULES GOVERNING LAND SURVEYS (LAN 503).
DATE: 2/3/15

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____
SIGNATURE: _____ DATE: _____
SIGNATURE: _____ DATE: _____
SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/16/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: 1" = 50'
PROJECT NO: 11-0202-1 SHEET L6 OF L8



MAP 186; LOT 20-8
HAROLD J. LALMOND, TRUSTEE
PAMELA J. LALMOND, TRUSTEE
10 KARAS CROSSING DRIVE
HUDSON, NH 03051
BK. 8950, PG. 0176

MAP 187; LOT 24
MARILYN M. SMITH
14 KARAS CROSSING DRIVE
HUDSON, NH 03051
BK. 7872, PG. 987

MAP 179; LOT 39
RENAUD & MADELINE DAIGLE
119 KIMBALL HILL ROAD
HUDSON, NH 03051
BK. 3640, PG. 278

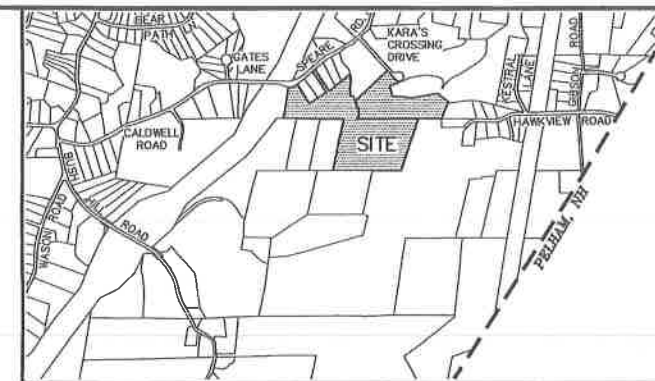
MAP 187; LOT 11
JOSEPH T. & SUSAN J. FURBER
23 HAWKVIEW ROAD
HUDSON, NH 03051
BK. 6927, PG. 2151

MAP 195; LOT 1
EAGLE NEST ESTATES
21 CONTINENTAL BOULEVARD
MERRIMACK, NH 03054

MAP 187; LOT 10
PAUL M. BEACH
25 HAWKVIEW ROAD
HUDSON, NH 03051
BK. 8130, PG. 1527

SEE SHEET L1 FOR GENERAL NOTES,
REFERENCE PLANS & LOT AREA TABLE

SEE SHEET L5 FOR SITE SPECIFIC SOIL
MAP UNIT KEY & SCS SOILS LEGEND



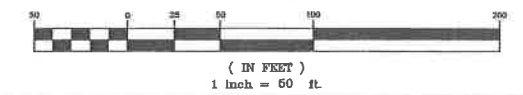
VICINITY MAP
SCALE: 1" = 1,500'

LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- EXISTING WELL
- DRAINAGE MANHOLE
- CATCH BASIN
- STONE BOUND TO BE SET
- IRON PIN TO BE SET
- PROPOSED WELL
- ABUTTER LINE
- EXISTING PROPERTY LINE
- STREAM
- WETLAND
- STOCKADE FENCE
- BARBED WIRE FENCE
- GUARDRAIL
- DHU OVERHEAD UTILITIES
- DRAINAGE LINE
- TRELISE
- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- 10' CONTOUR
- 2' CONTOUR
- STONEWALL
- SCS SOIL LINE
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- BUILDING SETBACK
- EXISTING EASEMENT
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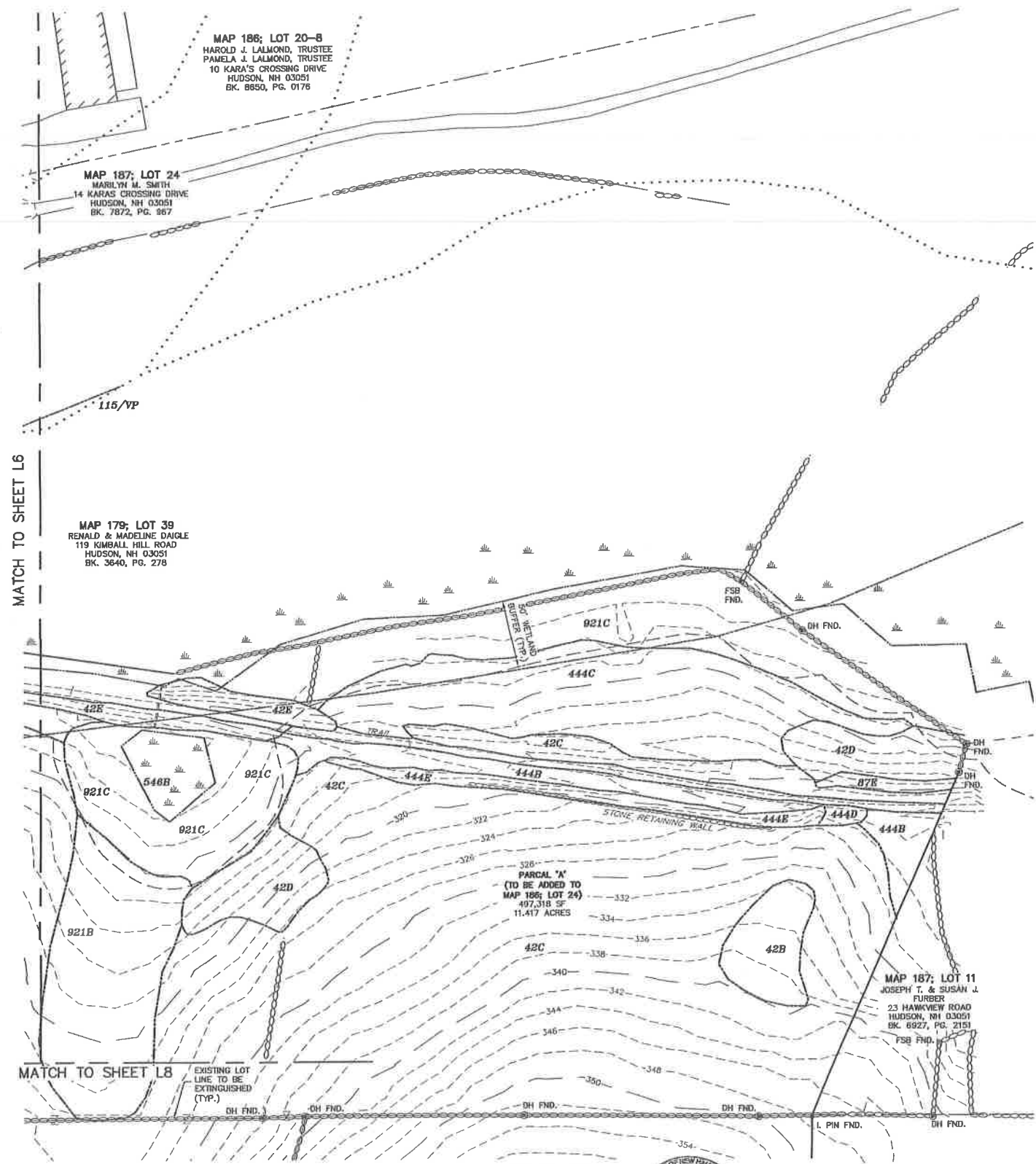


GRAPHIC SCALE



MATCH TO SHEET L6

MATCH TO SHEET L8



OWNER OF MAP 186; LOT 20-4
SIGNATURE: *[Signature]*
DATE: 1-23-2015

APPLICANT/OWNER OF MAP 186; LOT 24
SIGNATURE: *[Signature]*
DATE: 1/22/2015

TOPOGRAPHIC LOT LINE ADJUSTMENT PLAN

EAGLES NEST ESTATES

MAP 186; LOTS 20-4 & 24
SPEARE ROAD & KARAS CROSSING DRIVE
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 20-4
KELLY A. TRIDEL
11 KARAS CROSSING DRIVE
HUDSON, NH 03051
H.C.R.D. BK. 8046, PG. 2911

OWNER OF MAP 186; LOT 24/APPLICANT:
EAGLES NEST ESTATES, LLC
21 CONTINENTAL BOULEVARD
MERRIMACK, NH 03054
H.C.R.D. BK. 8221, PG. 169

KMA KEACH-NORDSTROM ASSOCIATES, INC.
Civil Engineering Land Surveying Landscape Architecture
10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-8881

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
DATE OF MEETING: _____
SIGNATURE: _____ DATE: _____
SIGNATURE: _____ DATE: _____
SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.



THIS DETAILED SITE-SPECIFIC SOIL MAP WAS PERFORMED ON NOVEMBER 8, 2013 BY GOVE ENVIRONMENTAL SERVICES, INC. IN EXETER, NEW HAMPSHIRE AND CONFORMS TO THE STANDARDS OF SSSNNE PUBLICATION NO. 3, AS AMENDED, "SITE-SPECIFIC SOIL MAPPING STANDARDS FOR NEW HAMPSHIRE AND VERMONT."

NAME: *[Signature]* CERTIFIED SOIL SCIENTIST # *009* DATE: *2/15*

THIS IS TO CERTIFY THAT THE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1)

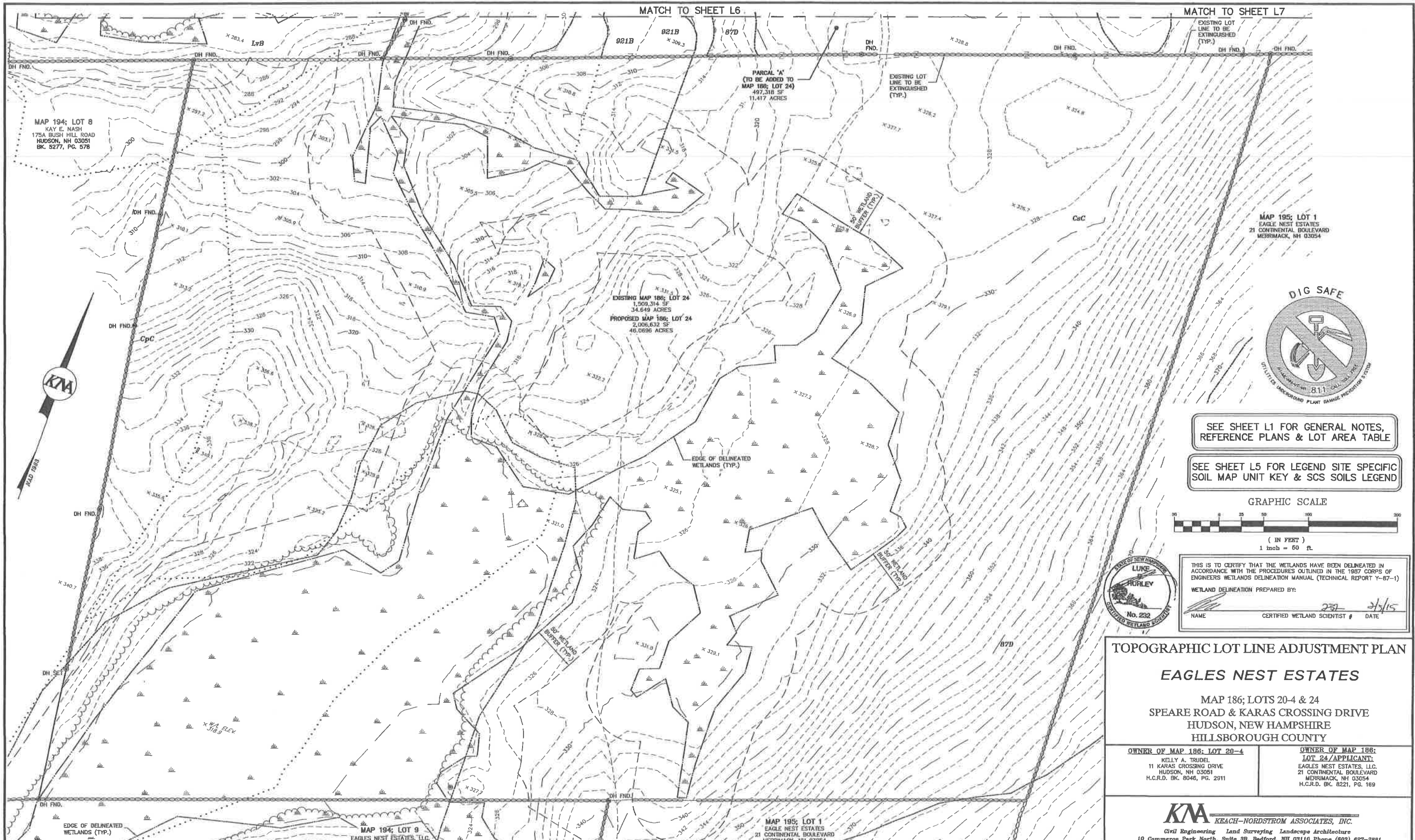
WETLAND DELINEATION PREPARED BY:
NAME: *[Signature]* CERTIFIED WETLAND SCIENTIST # *232* DATE: *2/15*

THIS PLAN AND THE SURVEY UPON WHICH IT IS BASED WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION BETWEEN MAP 2011 AND NOVEMBER 2013 IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STATE OF NEW HAMPSHIRE AND THE CITY/TOWN WITHIN WHICH IT IS LOCATED WITH A TRAVERSE ERROR OF CLOSURE BETTER THAN 1 PART IN 10,000. THE SURVEY PERFORMED IS CLASSIFIED AS A STANDARD URBAN PROPERTY SURVEY AS DEFINED IN THE STATE OF NEW HAMPSHIRE ADMINISTRATIVE RULES GOVERNING LAND SURVEYS (LAN 503).



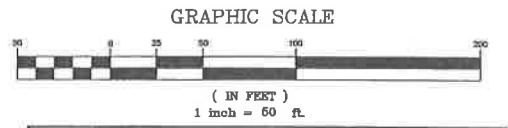
REVISIONS				
No.	DATE	DESCRIPTION	BY	
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM	
2	05/18/15	REVISED PER TOWN COMMENTS	JDM	
3	07/27/15	REVISED PER TOWN COMMENTS	JDM	

DATE: JANUARY 7, 2015 SCALE: 1" = 50'
PROJECT NO: 11-0202-1 SHEET L7 OF L8



SEE SHEET L1 FOR GENERAL NOTES, REFERENCE PLANS & LOT AREA TABLE

SEE SHEET L5 FOR LEGEND SITE SPECIFIC SOIL MAP UNIT KEY & SCS SOILS LEGEND



THIS IS TO CERTIFY THAT THE WETLANDS HAVE BEEN DELINEATED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL (TECHNICAL REPORT Y-87-1)

WETLAND DELINEATION PREPARED BY:

NAME: LUKE HURLEY No. 232

CERTIFIED WETLAND SCIENTIST # 232 DATE: 2/3/15

TOPOGRAPHIC LOT LINE ADJUSTMENT PLAN

EAGLES NEST ESTATES

MAP 186; LOTS 20-4 & 24
 SPEARE ROAD & KARAS CROSSING DRIVE
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 20-4
 KELLY A. TRUDEL
 11 KARAS CROSSING DRIVE
 HUDSON, NH 03051
 H.C.R.D. BK. 8046, PG. 2911

OWNER OF MAP 186; LOT 24/APPLICANT:
 EAGLES NEST ESTATES, LLC
 21 CONTINENTAL BOULEVARD
 MERRIMACK, NH 03054
 H.C.R.D. BK. 8221, PG. 169

KMA KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

SUBDIVISION PLANS ARE VALID FOR ONE YEAR FROM THE DATE OF PLANNING BOARD MEETING FINAL APPROVAL. FINAL APPROVAL COMMENCES AT THE PLANNING BOARD MEETING DATE AT WHICH THE PLAN ACHIEVES FINAL APPROVAL.

MAP 194; LOT 9
 EAGLES NEST ESTATES, LLC
 21 CONTINENTAL BOULEVARD
 MERRIMACK, NH

APPLICANT/OWNER OF MAP 186; LOT 24

SIGNATURE: [Signature]

DATE: 1/12/2015

OWNER OF MAP 186; LOT 20-4

SIGNATURE: [Signature]

DATE: 1-23-2015

THIS PLAN AND THE SURVEY UPON WHICH IT IS BASED WAS MADE ON THE GROUND UNDER MY DIRECTION AND SUPERVISION BETWEEN MAP 2011 AND NOVEMBER 2013 IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE STATE OF NEW HAMPSHIRE AND THE CITY/TOWN WITHIN WHICH IT IS LOCATED WITH A TRAVERSE ERROR OF CLOSURE BETTER THAN 1 PART IN 10,000. THE SURVEY PERFORMED IS CLASSIFIED AS A STANDARD URBAN PROPERTY SURVEY AS DEFINED IN THE STATE OF NEW HAMPSHIRE ADMINISTRATIVE RULES GOVERNING LAND SURVEYS (LAN 503).

[Signature]
 DATE

STATE OF NEW HAMPSHIRE
 LAND SURVEYOR
 No. 800
 ANTHONY M. BASSO

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: 1" = 50'
 PROJECT NO: 11-0202-1 SHEET LB OF LB

CONCEPTUAL OSD LOT AREA TABLE

LOT NUMBER	TOTAL LOT AREA		WETLAND AREA		AREA >25% SLOPE		*BUILDBLE LOT AREA		FRONTAGE FEET
	SF	ACRES	SF	ACRES	SF	ACRES	SF	ACRES	
1	74,345	1.707	12,186	0.280	10,332	0.237	51,827	1.190	164.25
2	118,827	2.728	11,968	0.275	20,498	0.471	86,363	1.983	147.62
3	95,872	2.196	N/A	N/A	46,738	1.073	48,934	1.123	611.84
4	82,342	1.890	N/A	N/A	19,362	0.378	65,981	1.516	109.56
5	72,108	1.655	N/A	N/A	12,234	0.281	59,875	1.375	103.56
6	83,401	1.855	N/A	N/A	7,225	0.166	56,177	1.290	105.27
7	60,203	1.382	854	0.020	3,786	0.087	55,553	1.276	125.15
8	44,103	1.012	N/A	N/A	N/A	N/A	44,103	1.012	216.13
9	43,809	1.006	N/A	N/A	N/A	N/A	43,809	1.006	348.99
10	53,860	1.236	N/A	N/A	9,657	0.222	44,203	1.015	221.21
11	46,510	1.114	N/A	N/A	2,989	0.069	45,521	1.045	545.57
12	49,007	1.126	N/A	N/A	625	0.014	48,383	1.111	242.69
13	44,852	1.025	N/A	N/A	184	0.004	44,458	1.021	253.23
14	44,989	1.033	N/A	N/A	256	0.006	44,733	1.027	298.56
15	72,953	1.675	N/A	N/A	328	0.007	72,627	1.667	100.00
16	63,758	1.464	N/A	N/A	N/A	N/A	63,758	1.464	100.00
17	76,445	1.755	N/A	N/A	6,897	0.158	69,548	1.597	100.00
18	61,750	1.418	4,161	0.096	1,919	0.044	55,670	1.278	189.92
19	61,852	1.420	2,799	0.064	N/A	N/A	59,053	1.358	185.41
20	44,637	1.025	N/A	N/A	603	0.014	44,034	1.011	425.42
21	45,575	1.048	N/A	N/A	N/A	N/A	45,575	1.048	265.71
22	44,039	1.011	N/A	N/A	N/A	N/A	44,039	1.011	163.60
23	69,202	1.589	N/A	N/A	406	0.009	68,796	1.579	100.28
24	65,535	1.504	N/A	N/A	N/A	N/A	65,535	1.504	136.27
25	54,106	1.242	N/A	N/A	906	0.021	53,200	1.221	100.00
26	48,140	1.105	N/A	N/A	524	0.012	47,616	1.093	136.00
27	50,809	1.162	N/A	N/A	1,368	0.032	49,222	1.130	198.67
28	46,963	1.078	896	0.023	548	0.013	45,419	1.043	190.73
29	54,933	1.262	7,116	0.163	N/A	N/A	47,877	1.099	153.83
30	47,144	1.082	N/A	N/A	N/A	N/A	47,144	1.082	125.43
31	43,980	1.010	N/A	N/A	N/A	N/A	43,980	1.010	111.07
32	43,560	1.000	N/A	N/A	N/A	N/A	43,560	1.000	140.39
33	43,560	1.000	N/A	N/A	N/A	N/A	43,560	1.000	162.09
34	43,565	1.000	N/A	N/A	N/A	N/A	43,565	1.000	151.44
35	52,874	1.214	N/A	N/A	589	0.014	52,285	1.200	161.50
36	50,566	1.161	N/A	N/A	N/A	N/A	50,566	1.161	100.00
37	77,403	1.777	N/A	N/A	N/A	N/A	77,403	1.777	100.00
38	61,230	1.406	N/A	N/A	N/A	N/A	61,230	1.406	100.00
39	57,233	1.314	N/A	N/A	1,347	0.031	55,886	1.283	100.00
40	71,880	1.650	N/A	N/A	23,584	0.541	48,296	1.109	563.76
41	53,671	1.232	2,281	0.052	5,401	0.124	45,989	1.056	436.65
42	44,281	1.017	N/A	N/A	N/A	N/A	44,281	1.017	101.94
43	44,328	1.018	N/A	N/A	N/A	N/A	44,328	1.018	147.09
44	82,006	1.873	2,987	0.069	N/A	N/A	59,019	1.355	173.04
45	55,847	1.282	1,629	0.037	877	0.019	53,540	1.229	205.51
46	55,003	1.263	1,497	0.034	3,824	0.088	49,682	1.141	177.88
47	65,481	1.503	2,783	0.064	8,846	0.203	53,852	1.236	100.00
48	82,832	1.913	2,302	0.053	1,811	0.041	46,281	1.062	103.23
49	80,497	1.859	2,481	0.057	458	0.010	50,041	1.149	132.56
50	69,087	1.588	17,388	0.399	N/A	N/A	45,163	1.037	135.74
51	55,088	1.265	N/A	N/A	1,246	0.029	53,842	1.236	281.67
52	49,346	1.133	N/A	N/A	N/A	N/A	49,346	1.133	395.50
53	65,733	1.509	N/A	N/A	N/A	N/A	65,733	1.509	136.47
54	63,802	1.452	N/A	N/A	N/A	N/A	63,802	1.452	134.34
55	62,797	1.442	1,030	0.024	N/A	N/A	61,767	1.418	100.00
56	70,464	1.618	4,872	0.112	378	0.009	65,214	1.497	130.00
57	63,026	1.447	N/A	N/A	287	0.007	62,739	1.440	100.00
58	64,168	1.473	N/A	N/A	4,554	0.105	59,604	1.368	100.00
59	66,499	1.527	N/A	N/A	2,957	0.068	63,542	1.459	100.00
60	63,243	1.452	N/A	N/A	N/A	N/A	63,243	1.452	125.01
61	68,814	1.575	N/A	N/A	N/A	N/A	68,814	1.575	211.00
62	64,027	1.470	1,077	0.025	1,134	0.026	61,816	1.419	170.00
63	69,994	1.598	11,533	0.265	N/A	N/A	58,061	1.333	485.33
64	62,295	1.430	N/A	N/A	N/A	N/A	62,295	1.430	199.50
65	57,140	1.312	N/A	N/A	13,176	0.303	43,962	1.009	188.00
66	110,172	2.529	N/A	N/A	55,291	1.269	54,881	1.280	893.75
67	69,885	1.604	N/A	N/A	24,766	0.569	45,119	1.036	144.00
68	55,066	1.264	N/A	N/A	10,096	0.232	44,970	1.032	131.00
69	53,709	1.233	N/A	N/A	9,346	0.215	44,363	1.018	138.00
70	53,549	1.229	N/A	N/A	740	0.017	52,809	1.212	100.00
71	45,838	1.048	N/A	N/A	N/A	N/A	45,838	1.048	100.00
72	48,532	1.068	N/A	N/A	1,395	0.032	45,137	1.038	100.00
73	47,282	1.085	N/A	N/A	1,871	0.045	45,311	1.040	138.00
74	45,405	1.042	N/A	N/A	1,258	0.029	44,146	1.013	100.00
75	149,404	3.430	38,108	0.875	45,114	1.038	66,184	1.519	468.00

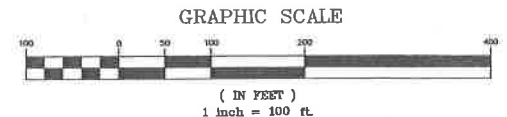


- PLAN NOTES:**
1. THE PURPOSE OF THIS PLAN IS TO ILLUSTRATE THE POTENTIAL FUTURE AMENDMENT OF THE EAGLES NEST ESTATES OPEN SPACE SUBDIVISION.
 2. THE CURRENT OPEN SPACE DEVELOPMENT (OSD) PLAN ENTAILS THE CREATION OF 67 OSD RESIDENTIAL LOTS. THIS CONCEPTUAL OSD SUBDIVISION PLAN WOULD AMEND THE 67 LOT OSD BY CREATING 8 ADDITIONAL OSD LOTS. THE TOTAL POTENTIAL OSD WOULD HAVE A DENSITY OF 75 LOTS (67+8=75).
 3. THIS PLAN DEPICTS A POSSIBLE FUTURE AMENDMENT OF THE 67 LOT OSD SHOULD THE LAND TITLE/OWNERSHIP OF THE REMAINING PORTIONS OF TAX MAP 194; LOT 9 BE RESOLVED.



LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- ⊕ UTILITY POLE
- ⊙ SIGN
- ⊙ WELL
- ⊙ DRAINAGE MANHOLE
- ⊙ CATCH BASIN
- ⊙ ABUTTER LINE
- ⊙ EXISTING PROPERTY LINE
- ⊙ STREAM
- ⊙ WETLAND
- ⊙ STOCKADE FENCE
- ⊙ BARBED WIRE FENCE
- ⊙ GUARDRAIL
- ⊙ DRAINAGE LINE
- ⊙ TREE LINE
- ⊙ RETAINING WALL
- ⊙ EDGE OF PAVEMENT
- ⊙ EDGE OF GRAVEL
- ⊙ 10' CONTOUR
- ⊙ 2' CONTOUR
- ⊙ STONE WALL
- ⊙ EASEMENT



CONCEPTUAL OSD SUBDIVISION PLAN
75 LOT OSD
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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KMA
 KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS

No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

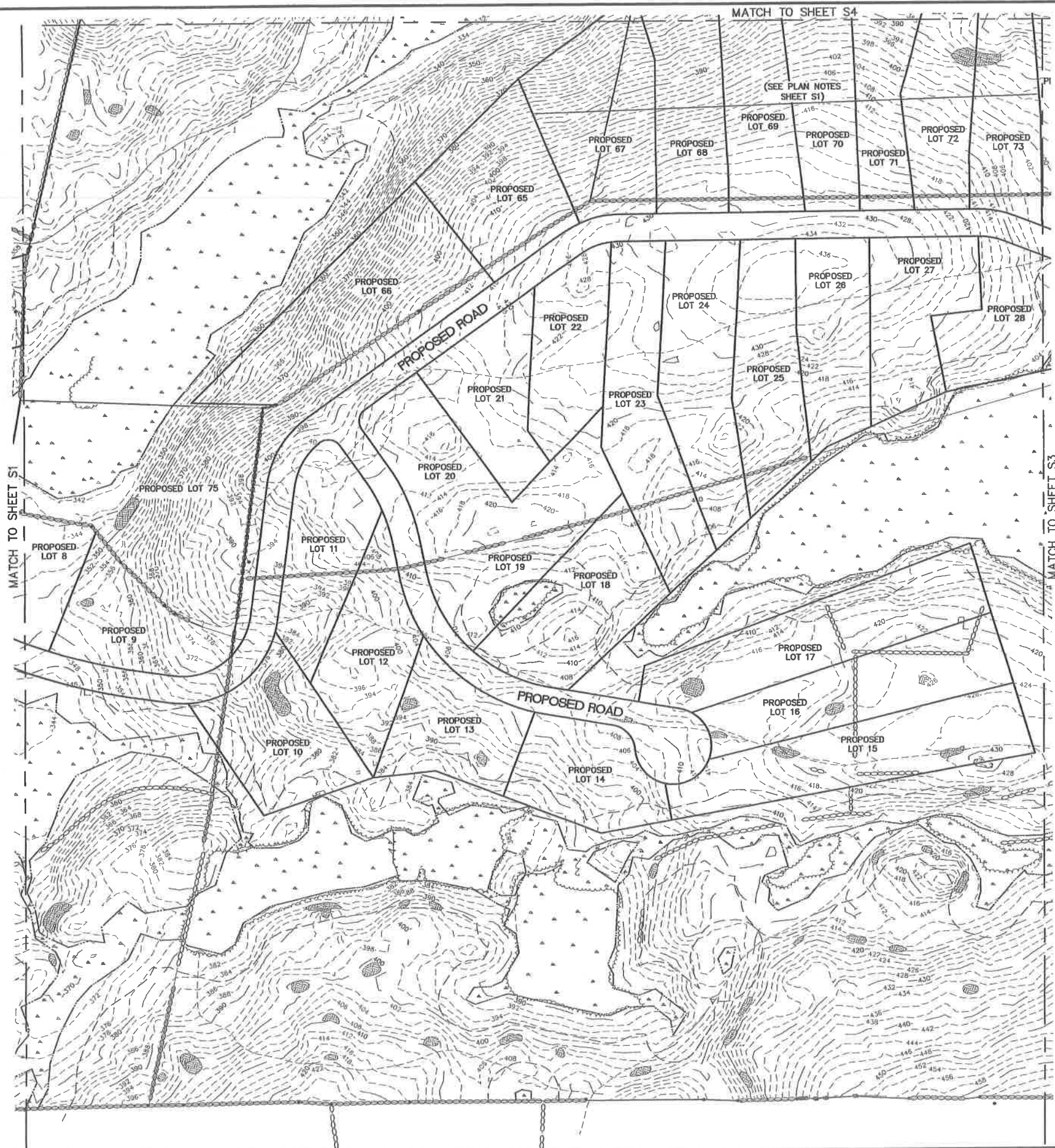
DATE: JANUARY 7, 2015 SCALE: 1" = 100'
 PROJECT NO: 11-0202-1 SHEET 51 OF 55

PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

APPROVED BY THE HUDSON, NH PLANNING BOARD
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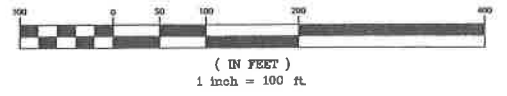
SEE SHEET S1 FOR LOT AREA TABLE & PLAN NOTES



LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- WELL
- DRAINAGE MANHOLE
- CATCH BASIN
- ABUTTER LINE
- EXISTING PROPERTY LINE
- STREAM
- WETLAND
- STOCKADE FENCE
- BARBED WIRE FENCE
- GUARDRAIL
- DRAINAGE LINE
- TREE LINE
- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- 10' CONTOUR
- 2' CONTOUR
- STONE WALL
- EASEMENT

GRAPHIC SCALE



PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL.

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CONCEPTUAL OSD SUBDIVISION PLAN
75 LOT OSD
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

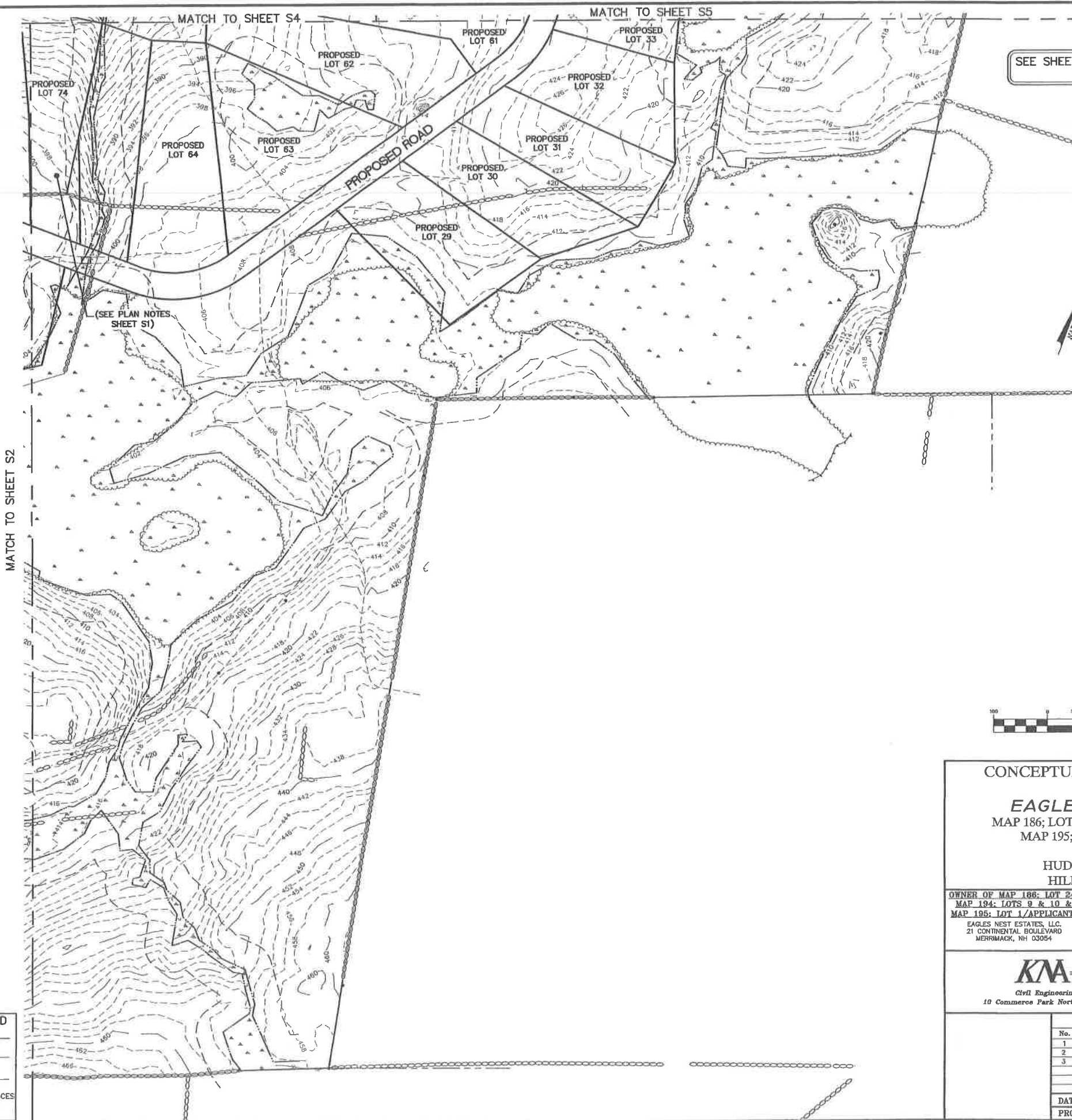
OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054	OWNER OF MAP 186; LOT 20-4 KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051	OWNER OF MAP 201; LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051
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3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: 1" = 100'
 PROJECT NO: 11-0202-1 SHEET S2 OF S5

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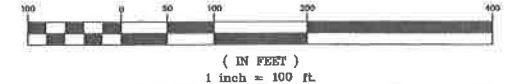
SEE SHEET S1 FOR LOT AREA TABLE & PLAN NOTES



LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- WELL
- DRAINAGE MANHOLE
- CATCH BASIN
- ABUTTER LINE
- EXISTING PROPERTY LINE
- STREAM
- WETLAND
- STOCKADE FENCE
- BARBED WIRE FENCE
- GUARDRAIL
- DRAINAGE LINE
- TREELINE
- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- 10' CONTOUR
- 2' CONTOUR
- STONEWALL
- EASEMENT

GRAPHIC SCALE



CONCEPTUAL OSD SUBDIVISION PLAN
75 LOT OSD
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

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 PROJECT NO: 11-0202-1 SHEET S3 OF S5

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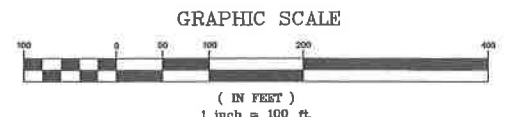
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SEE SHEET S1 FOR LOT AREA TABLE & PLAN NOTES



LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- WELL
- DRAINAGE MANHOLE
- CATCH BASIN
- ABUTTER LINE
- EXISTING PROPERTY LINE
- STREAM
- WETLAND
- STOCKADE FENCE
- BARBED WIRE FENCE
- GUARDRAIL
- DRAINAGE LINE
- TREELINE
- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- 10' CONTOUR
- 2' CONTOUR
- STONEWALL
- EASEMENT



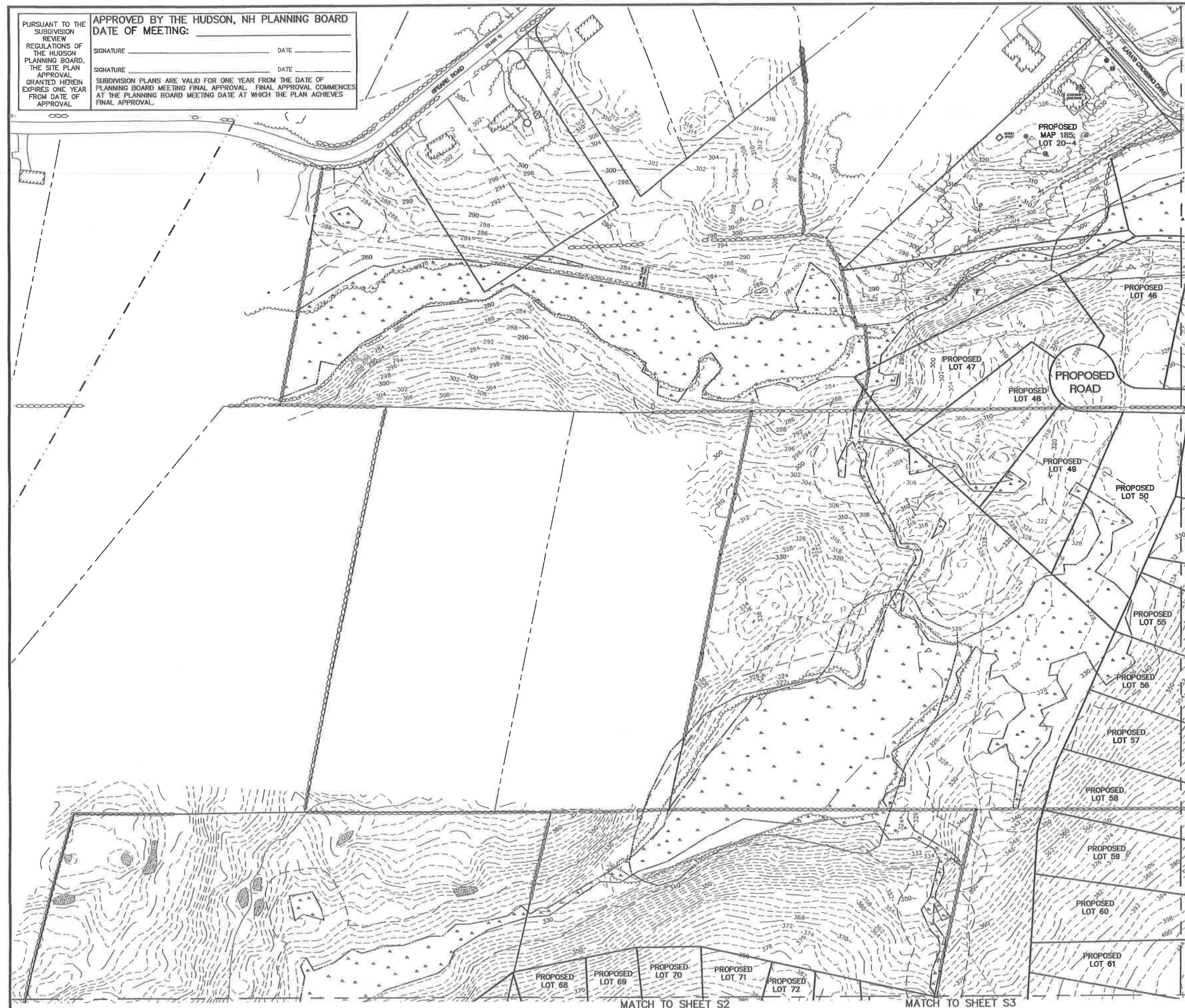
CONCEPTUAL OSD SUBDIVISION PLAN
75 LOT OSD
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
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 HILLSBOROUGH COUNTY

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DATE: JANUARY 7, 2015 SCALE: 1" = 100'
 PROJECT NO: 11-0202-1 SHEET S4 OF S5



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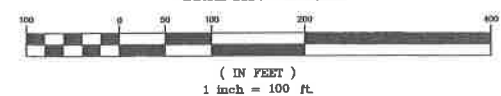
SEE SHEET S1 FOR LOT AREA TABLE & PLAN NOTES



LEGEND

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- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- 10' CONTOUR
- 2' CONTOUR
- STONEWALL
- EASEMENT

GRAPHIC SCALE



CONCEPTUAL OSD SUBDIVISION PLAN
75 LOT OSD
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
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 HUDSON, NEW HAMPSHIRE
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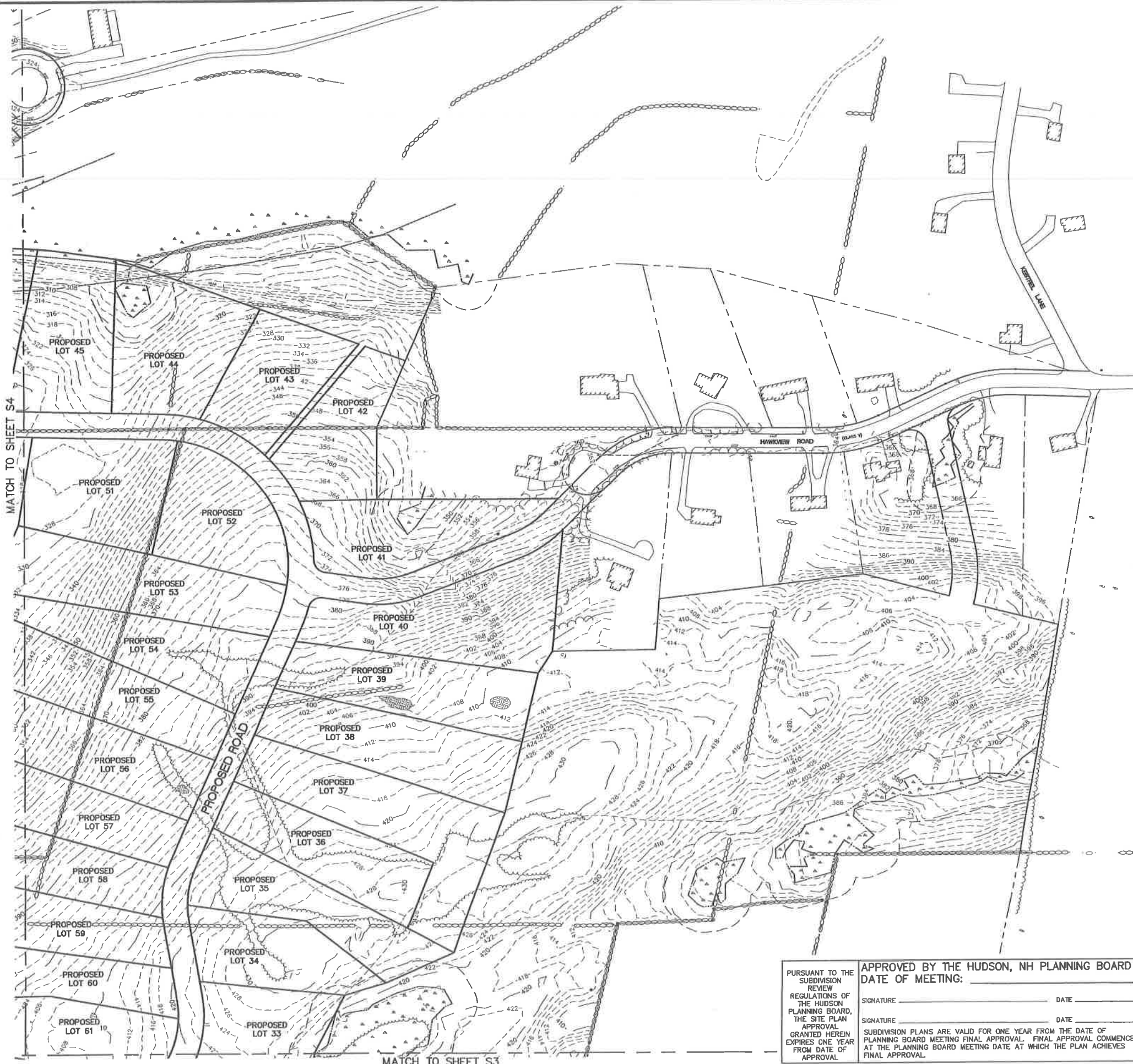
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DATE: JANUARY 7, 2015		SCALE: 1" = 100'	
PROJECT NO: 11-0202-1		SHEET S5 OF S5	



CONCEPTUAL CONVENTIONAL LOT AREA TABLE

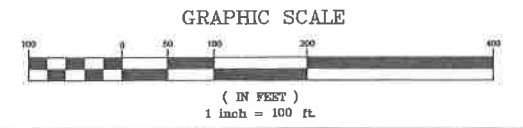
Table with columns: LOT NUMBER, TOTAL LOT AREA (SF, ACRES), WETLAND AREA (SF, ACRES), AREA >25% SLOPE (SF, ACRES), BUILDABLE LOT AREA (SF, ACRES), FRONTAGE FEET. Rows 1-77.

PLAN NOTES:

- 1. THE PURPOSE OF THIS PLAN IS TO ILLUSTRATE THE CONCEPTUAL LAYOUT OF A CONVENTIONAL RESIDENTIAL SUBDIVISION FOR THE PURPOSE OF DETERMINING THE ALLOWABLE DENSITY FOR AN OPEN SPACE DEVELOPMENT.
2. THIS PLAN SHOWS 77 CONVENTIONAL LOTS. PROPOSED LOT 36 IS ALREADY DEVELOPED AND THUS DOES NOT COUNT TOWARDS THE DENSITY OF ANY FUTURE OSD. THE TOTAL ALLOWED OSD DENSITY BASED ON THIS PLAN IS 76 LOTS.



LEGEND: Symbols for Stone Bound Found, Iron Pin Found, Drill Hole, Utility Pole, Sign, Well, Drainage Manhole, Catch Basin, Abutter Line, Existing Property Line, Stream, Wetland, Stockade Fence, Barbed Wire Fence, Guardrail, Drainage Line, Tree Line, Retaining Wall, Edge of Pavement, Edge of Gravel, 10' Contour, 2' Contour, Stonewall, Easement.



CONCEPTUAL YIELD PLAN
75 LOT OSD
EAGLES NEST ESTATES
MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10, MAP 195; LOT 1, AND MAP 201; LOT 7
BUSH HILL ROAD
HUDSON, NEW HAMPSHIRE
HILLSBOROUGH COUNTY
OWNER OF MAP 186: LOT 24, MAP 194; LOTS 9 & 10 & MAP 195: LOT 1/APPLICANT: EAGLES NEST ESTATES, LLC. 21 CONTINENTAL BOULEVARD MERRIMACK, NH 03054
OWNER OF MAP 188: LOT 20-4: KELLY A. TRUDEL 11 KARAS CROSSING DRIVE HUDSON, NH 03051
OWNER OF MAP 201: LOT 7: GREEN MOUNTAIN PARTNERS REALTY TRUST MARIO & DENYSE PLANTE, TRUSTEES 9 OLD DERRY ROAD HUDSON, NH 03051

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REVISIONS table with columns: No., DATE, DESCRIPTION, BY. Includes entries for 04/20/15, 06/18/15, and 07/27/15.

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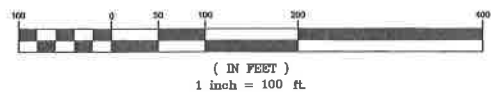
SEE SHEET Y1 FOR LOT AREA TABLE & PLAN NOTES



LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- WELL
- DRAINAGE MANHOLE
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- EDGE OF GRAVEL
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- EASEMENT

GRAPHIC SCALE



PURSUANT TO THE SUBDIVISION REVIEW REGULATIONS OF THE HUDSON PLANNING BOARD, THE SITE PLAN APPROVAL GRANTED HEREIN EXPIRES ONE YEAR FROM DATE OF APPROVAL

APPROVED BY THE HUDSON, NH PLANNING BOARD
 DATE OF MEETING: _____

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CONCEPTUAL YIELD PLAN
75 LOT OSD
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
 BUSH HILL ROAD
 HUDSON, NEW HAMPSHIRE
 HILLSBOROUGH COUNTY

OWNER OF MAP 186; LOT 24, MAP 194; LOTS 9 & 10 & MAP 195; LOT 1/APPLICANT:
 EAGLES NEST ESTATES, LLC
 21 CONTINENTAL BOULEVARD
 MERRIMACK, NH 03054

OWNER OF MAP 186; LOT 20-4
 KELLY A. TRUDEL
 11 KARAS CROSSING DRIVE
 HUDSON, NH 03051

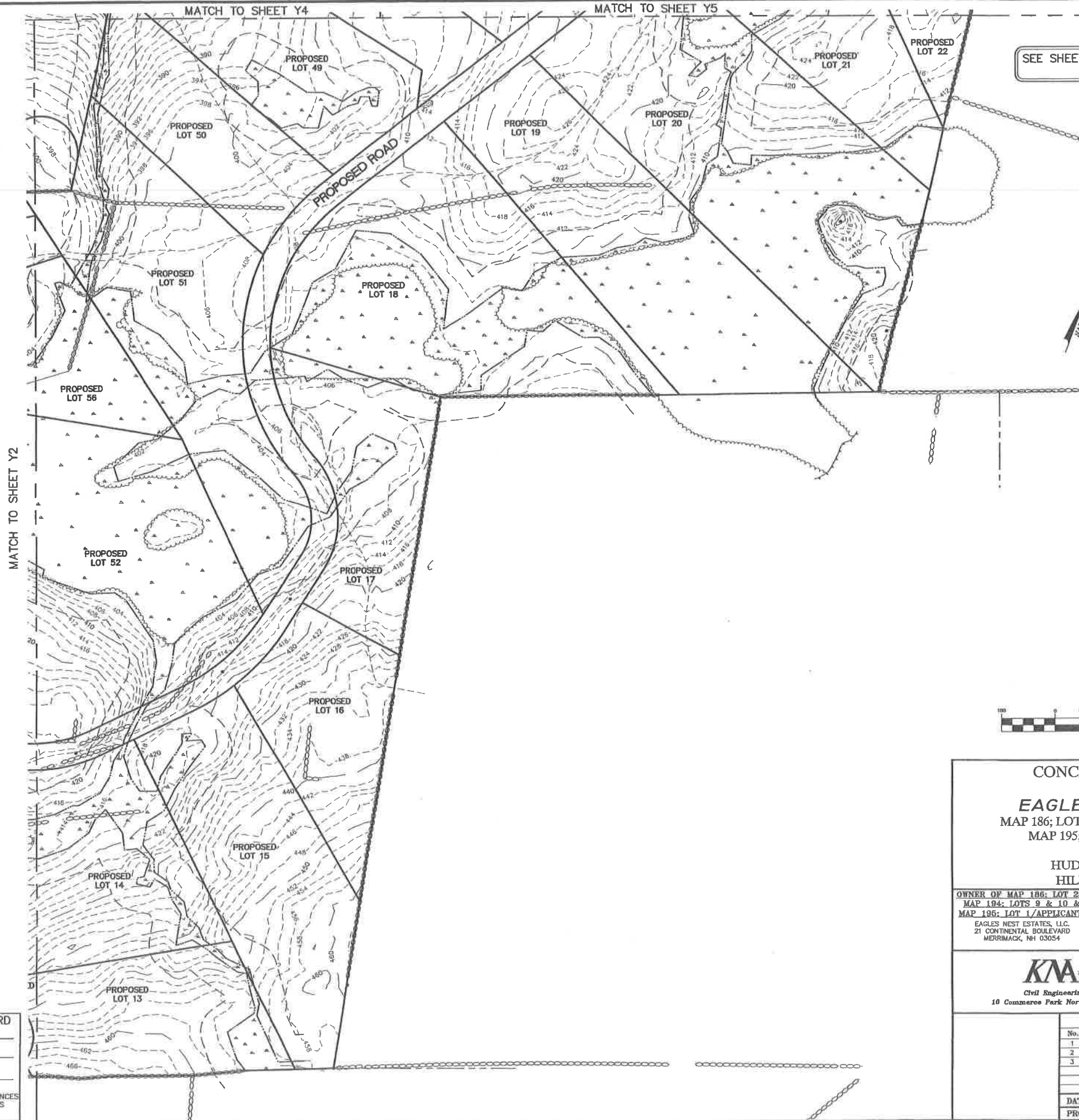
OWNER OF MAP 201; LOT 7:
 GREEN MOUNTAIN PARTNERS REALTY TRUST
 MARIO & DENYSE PLANTE, TRUSTEES
 9 OLD DERRY ROAD
 HUDSON, NH 03051

KMA KEACH-NORDSTROM ASSOCIATES, INC.
 Civil Engineering Land Surveying Landscape Architecture
 10 Commerce Park North, Suite 3B, Bedford, NH 03110 Phone (603) 627-2881

REVISIONS			
No.	DATE	DESCRIPTION	BY
1	04/20/15	REVISED PER TOWN & DES COMMENTS	JDM
2	06/18/15	REVISED PER TOWN COMMENTS	JDM
3	07/27/15	REVISED PER TOWN COMMENTS	JDM

DATE: JANUARY 7, 2015 SCALE: 1" = 100'
 PROJECT NO: 11-0202-1 SHEET Y2 OF Y5

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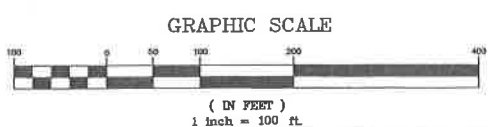


SEE SHEET Y1 FOR LOT AREA TABLE & PLAN NOTES



LEGEND

- ⊠ STONE BOUND FOUND
- ⊙ IRON PIN FOUND
- DRILL HOLE
- ⊕ UTILITY POLE
- ⊖ SIGN
- ⊗ WELL
- ⊘ DRAINAGE MANHOLE
- ⊙ CATCH BASIN
- ⊠ ABUTTER LINE
- EXISTING PROPERTY LINE
- STREAM
- WETLAND
- STOCKADE FENCE
- BARBED WIRE FENCE
- GUARDRAIL
- DRAINAGE LINE
- TREELINE
- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- 10' CONTOUR
- 2' CONTOUR
- STONEWALL
- EASEMENT



CONCEPTUAL YIELD PLAN
75 LOT OSD
EAGLES NEST ESTATES
 MAP 186; LOTS 20-4 & 24, MAP 194; LOTS 9 & 10,
 MAP 195; LOT 1, AND MAP 201; LOT 7
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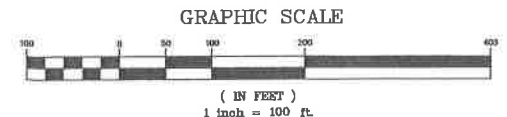
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SEE SHEET Y1 FOR LOT AREA TABLE & PLAN NOTES



LEGEND

- STONE BOUND FOUND
- IRON PIN FOUND
- DRILL HOLE
- UTILITY POLE
- SIGN
- WELL
- DRAINAGE MANHOLE
- CATCH BASIN
- ABUTTER LINE
- EXISTING PROPERTY LINE
- STREAM
- WETLAND
- STOCKADE FENCE
- BARBED WIRE FENCE
- GUARDRAIL
- DRAINAGE LINE
- TREE LINE
- RETAINING WALL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- 10' CONTOUR
- 2' CONTOUR
- STONEWALL
- EASEMENT



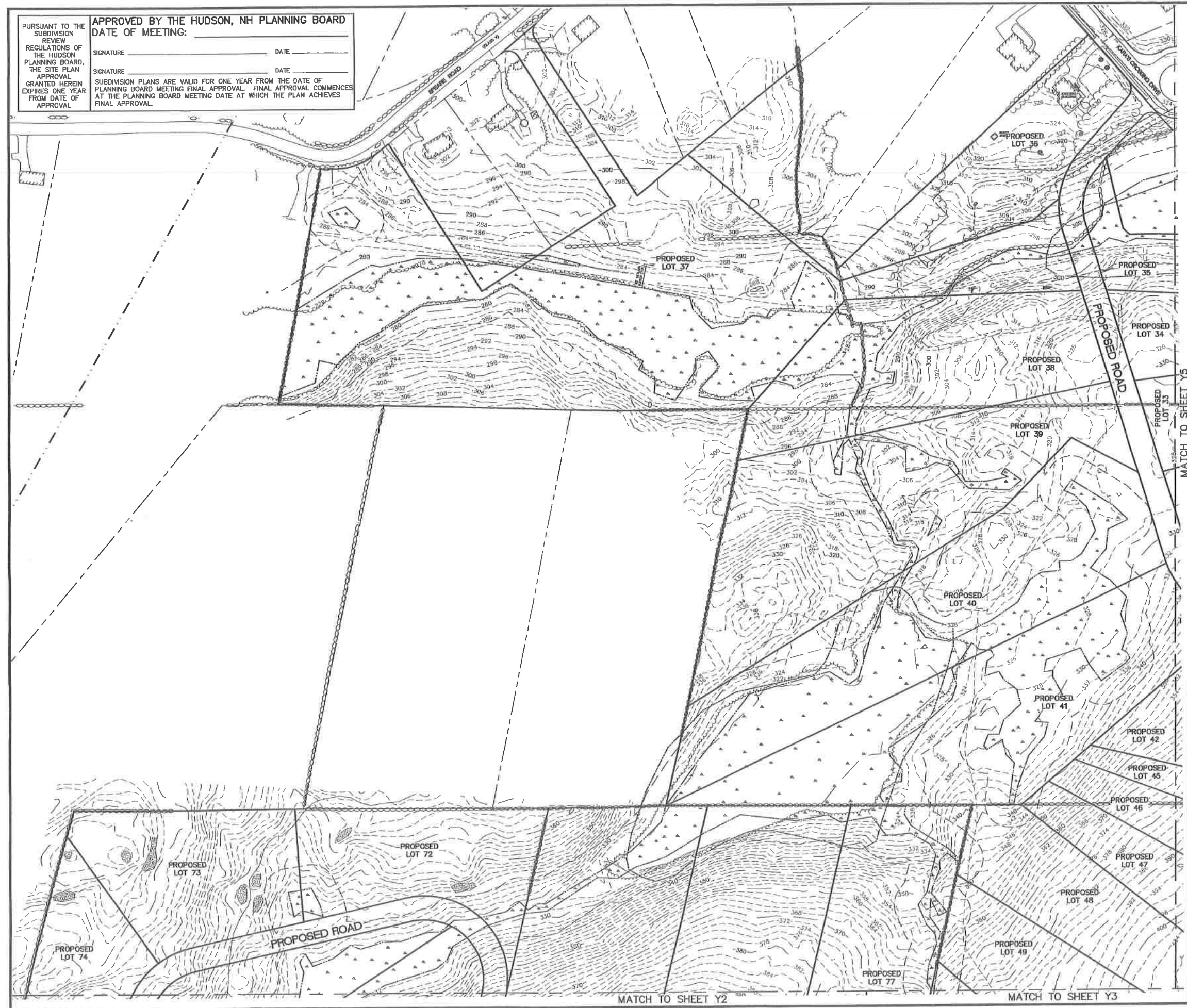
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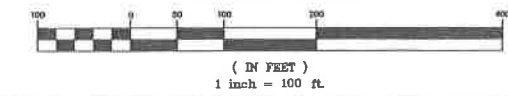
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LEGEND

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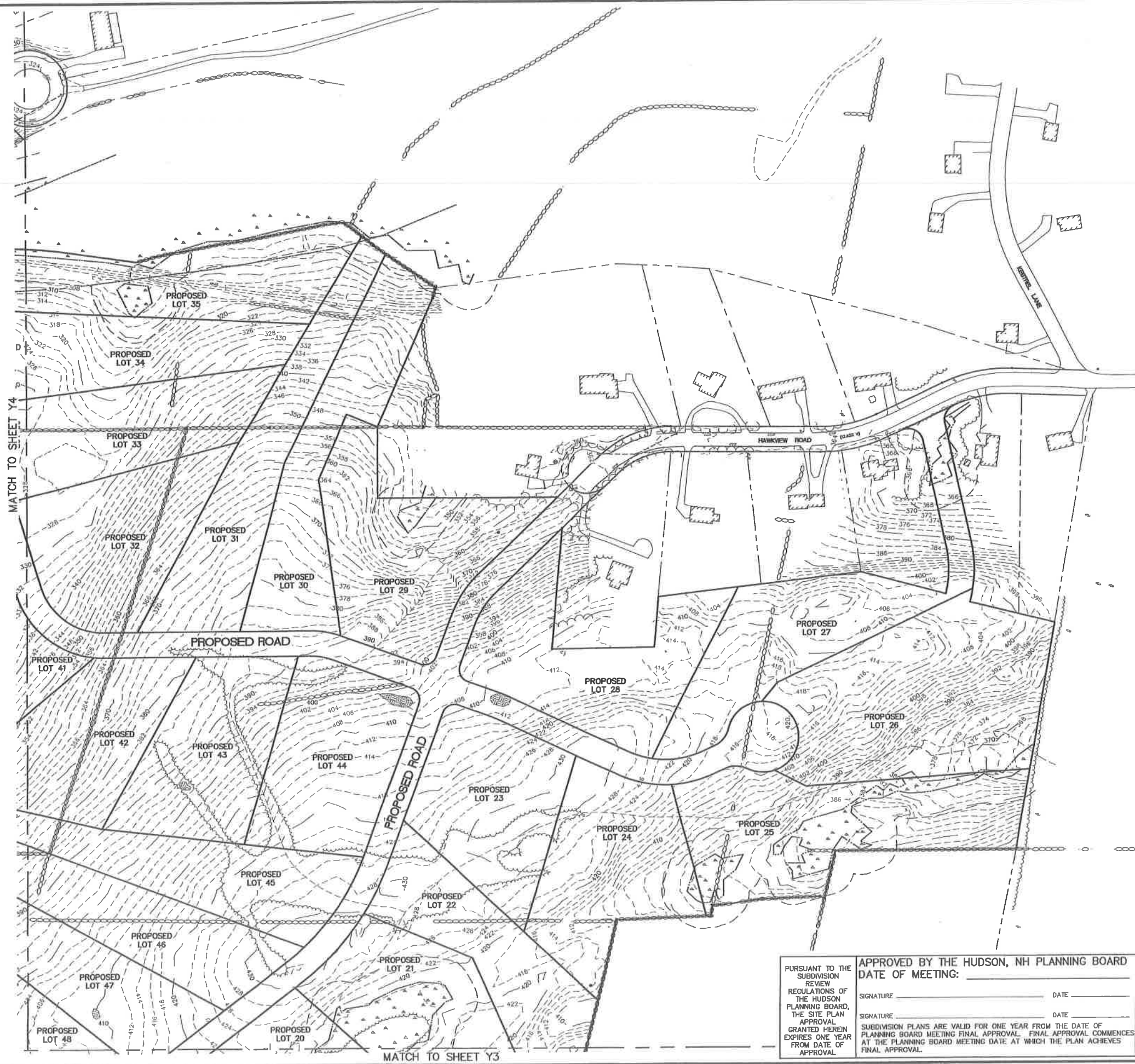
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MATCH TO SHEET Y4

MATCH TO SHEET Y3