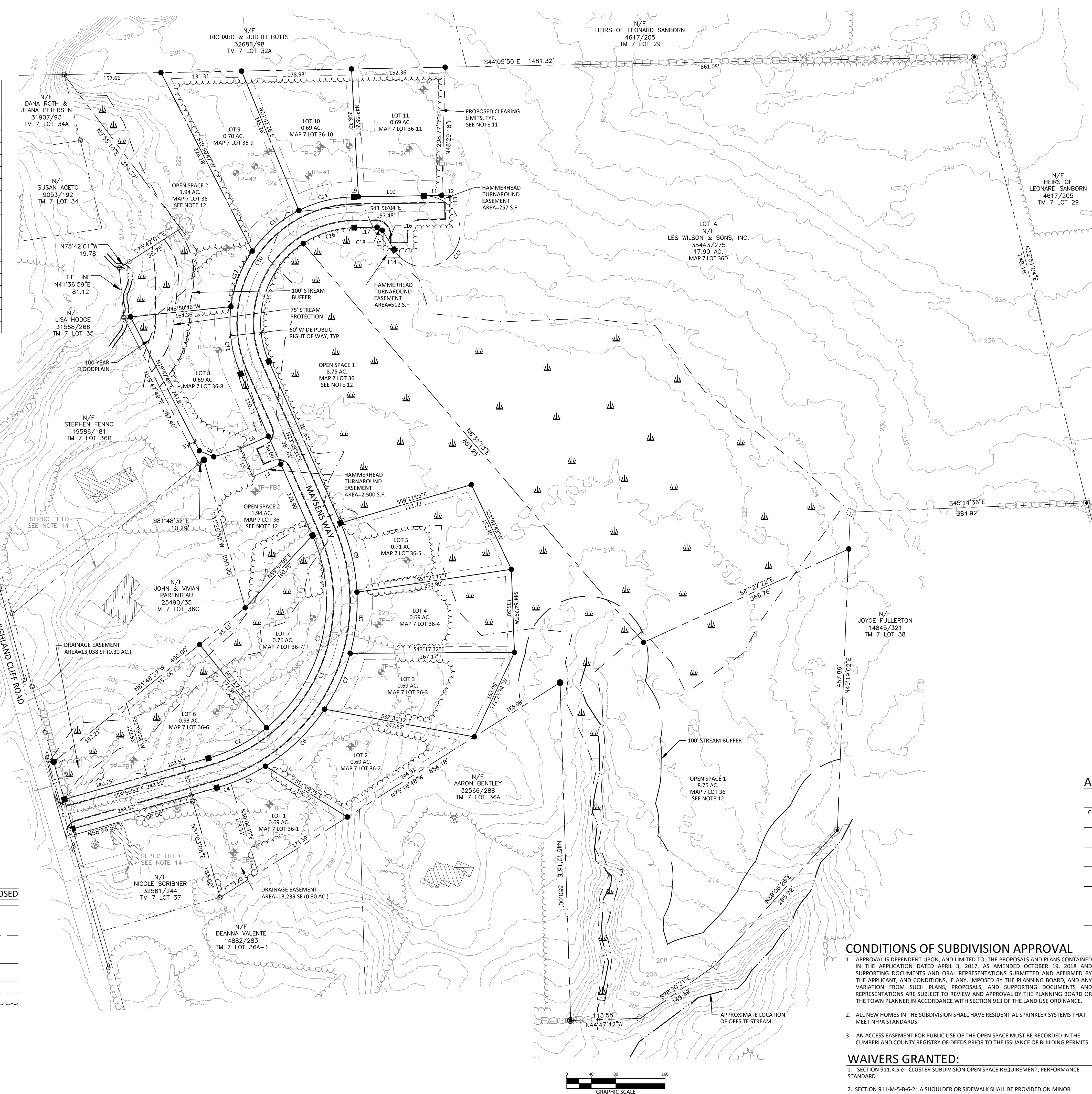


CURVE TABLE				
CURVE #	LENGTH	RADIUS	CHORD BRNG	CHORD LENGTH
C1	495.99'	290.00'	N72° 03' 20"E	437.71'
C2	107.63'	265.00'	S70° 35' 00"E	106.89'
C3	345.60'	265.00'	N60° 25' 12"E	321.62'
C4	23.83'	315.00'	S61° 06' 55"E	23.83'
C5	63.06'	315.00'	S69° 01' 04"E	62.95'
C6	134.68'	315.00'	S87° 00' 04"E	133.66'
C7	100.42'	315.00'	N71° 37' 02"E	100.00'
C8	100.42'	315.00'	N53° 21' 03"E	100.00'
C9	116.33'	315.00'	N33° 38' 17"E	115.67'
C10	355.02'	180.00'	S79° 33' 43"W	300.21'
C11	112.09'	205.00'	S38° 43' 23"W	110.70'
C12	97.98'	205.00'	S68° 04' 50"W	97.05'
C13	101.22'	205.00'	N84° 04' 52"W	100.20'
C14	93.03'	205.00'	N56° 56' 06"W	92.23'
C15	217.33'	155.00'	S63° 13' 38"W	199.96'
C16	88.38'	155.00'	N60° 16' 09"W	87.19'
C17	242.95'	58.00'	N76° 03' 56"E	100.46'
C18	10.47'	10.00'	N13° 56' 04"W	10.00'

LINE TABLE		
LINE#	LENGTH	DIRECTION
L1	63.39'	S31° 03' 08"W
L2	50.00'	S31° 03' 08"W
L3	10.00'	S31° 03' 08"W
L4	50.00'	N66° 56' 29"W
L5	50.00'	N23° 03' 31"E
L6	50.00'	S66° 56' 29"E
L7	45.17'	N60° 08' 26"W
L8	25.52'	N20° 23' 49"W
L9	7.46'	S43° 56' 04"E
L10	106.79'	S43° 56' 04"E
L11	28.96'	S43° 56' 04"E
L12	14.27'	S43° 56' 04"E
L13	19.33'	S46° 03' 56"W
L14	26.77'	N43° 56' 04"W
L15	41.65'	N46° 03' 56"E
L16	36.95'	N16° 03' 56"E
L17	36.88'	N43° 56' 04"W

LOT AREA SUMMARY TABLE		
LOT #	IMPERVIOUS AREA (AC.)	DEVELOPED AREA (AC.)
1	0.05	0.56
2	0.06	0.51
3	0.08	0.38
4	0.08	0.34
5	0.05	0.26
6	0.06	0.90
7	0.05	0.69
8	0.05	0.43
9	0.05	0.63
10	0.05	0.63
11	0.05	0.64

LEGEND	
EXISTING	PROPOSED
	PROPERTY LINE/R.O.W.
	ABUTTER PROPERTY LINE
	TIE LINE
	SETBACK
	GRANITE MONUMENT
	IRON PIN/DRILL HOLE
	CENTERLINE
	BUILDING
	EDGE OF PAVEMENT/CURB
	EDGE OF GRAVEL
	TREELINE
	EDGE OF WETLANDS
	STREAM
	CONTOUR LINE
	CULVERT/STORMDRAIN
	POTABLE WELL
	RELOCATED WELL
	UTILITY POLE
	OVERHEAD UTILITIES
	TEST PIT



- GENERAL NOTES:**
1. THE OWNER OF RECORD OF THE PROPERTY IS MTR DEVELOPMENT, LLC BY DEED RECORDED IN THE CUMBERLAND COUNTY REGISTRY OF DEEDS BOOK 35054 PAGE 326.
 2. TOTAL AREA OF THE PARCEL IS APPROXIMATELY 20.5 ACRES.
 3. PARCEL TAX MAP REFERENCE: TOWN OF WINDHAM ASSESSORS MAP 7 LOT 36.
 4. PLAN REFERENCES:
A) "BOUNDARY SURVEY, HIGHLAND CLIFF ROAD" DATED JULY 18, 2018 BY SURVEY, INC.
 5. HORIZONTAL DATUM: GRID NORTH AS SHOWN ON PLAN REFERENCE 4A.
 6. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
 7. THE PROPERTY IS LOCATED IN THE FARM ZONING DISTRICT.
 8. SPACE AND BULK REQUIREMENTS: FARM ZONE (CLUSTER SUBDIVISION)
MIN LOT SIZE: 30,000 SF
MAX LOT SIZE: 50,000 SF (1 LOT @ 60,000 SF)
NET RESIDENTIAL DENSITY: 1 LOT PER 60,000 SF NET AREA
MIN FRONTAGE: 100 FT
MIN FRONT YARD: 25 FT
MIN SIDE/REAR YARD: 10 FT
MAX BUILDING HEIGHT: 35 FT
MAX BUILDING COVERAGE: 25%
 9. WETLANDS DELINEATION PERFORMED BY BY MAINLY SOILS, LLC IN OCTOBER 2018. THESE PLANS INCLUDE APPROXIMATELY 14,365 S.F. OF TOTAL WETLAND IMPACT ASSOCIATED WITH THE PROPOSED DEVELOPMENT. WETLAND ALTERATION WAS APPROVED BY THE US ARMY CORPS OF ENGINEERS PERMIT # NAE-2019-00534 AND MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION NPRA PERMIT ORDER # L-28126-TC-B-N.
 10. ALL BUILDINGS WILL REQUIRE THE INSTALLATION OF A ROOF DROP EDGE FILTER FOR STORMWATER TREATMENT.
 11. THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE MAINTAINED FOR A PERIOD OF FIVE (5) YEARS FROM THE DATE OF PLANNING BOARD APPROVAL, AND IN ACCORDANCE WITH SECTION 911.E.1.A OF THE LAND USE ORDINANCE.
 12. COMMON OPEN SPACE IS TO BE RESERVED FOR RECREATION, CONSERVATION AND/OR STORMWATER FACILITIES ASSOCIATED WITH FUTURE PHASES OF SUBDIVISION.
 13. ALL DWELLINGS WITHIN THE SUBDIVISION SHALL INCLUDE SPRINKLER SYSTEMS MEETING NFPA STANDARDS.
 14. LOCATIONS OF EXISTING SUBSURFACE WASTEWATER DISPOSAL FIELDS ON ABUTTING LOTS ARE BASED ON TOWN RECORDS.
 15. THE PROJECT IS SUBJECT TO MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION STORMWATER PERMIT ORDER # L-28126-NJ-A-N.
 16. THE MAXIMUM AMOUNT OF IMPERVIOUS AREA AND DEVELOPED AREA FOR EACH LOT SHALL BE THE AMOUNT LISTED IN THE LOT AREA SUMMARY TABLE ON THIS PLAN.
 17. CONTRACTOR AND ALL PROPERTY OWNERS ARE REQUIRED TO COMPLY WITH THE INSPECTION, MAINTENANCE AND HOUSEKEEPING PLAN PREPARED FOR THIS PROJECT AS PART OF THIS PLAN.

NET RESIDENTIAL DENSITY CALCULATIONS:

TOTAL LAND AREA:	1,674,187 S.F.
DEDUCT AREA OF LOT A:	779,831 S.F.
GROSS LAND AREA:	894,356 S.F.

DEDUCTIONS:

1. RIGHT-OF-WAY	83,411 S.F.
2. STEEP SLOPES (OVER 25%)	12,783 S.F.
3. 100-YEAR FLOOD PLAIN	0 S.F. (LOCATED WITHIN #5)
4. RESOURCE PROTECTION DISTRICT	0 S.F.
5. VERY POORLY DRAINED SOILS	206,921 S.F. (EXCLUDING AREAS IN #1)
6. SURFACE WATERBODIES	0 S.F. (LOCATED WITHIN #5)
7. SIGNIFICANT WILDLIFE HABITAT	0 S.F.
8. ENDANGERED BOTANICAL RESOURCES	0 S.F.

TOTAL NET AREA:	591,241 S.F.
REQUIRED NET AREA PER DWELLING:	60,000 S.F.
MAXIMUM ALLOWABLE LOTS/DWELLINGS:	9.85
MAXIMUM ALLOWABLE LOTS WITH 20% BONUS:	11.82
NUMBER OF LOTS PROPOSED:	11

OPEN SPACE CALCULATIONS FOR CLUSTER SUBDIVISION IN FARM ZONE:

TOTAL PARCEL AREA:	ACRES 20.53
NET RESIDENTIAL AREA:	13.57

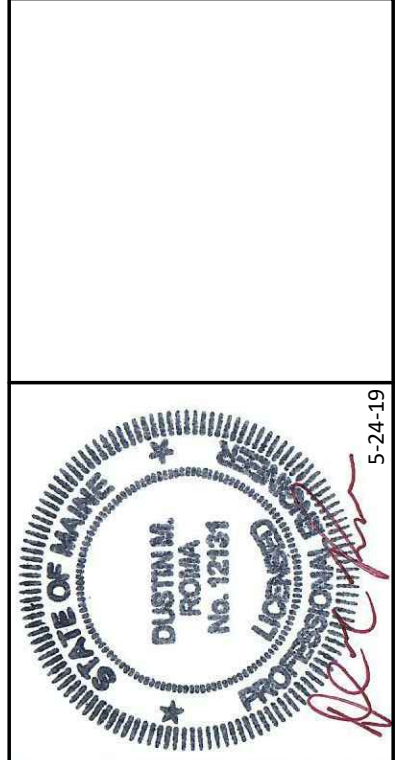
MINIMUM REQUIRED OPEN SPACE (50% GROSS):	10.27
TOTAL OPEN SPACE AREA PROVIDED:	10.69

MINIMUM REQUIRED NET AREA IN OPEN SPACE:	6.79
NET AREA PROVIDED IN OPEN SPACE:	6.80

APPROVED - WINDHAM PLANNING BOARD:

CHAIRPERSON	DATE

- CONDITIONS OF SUBDIVISION APPROVAL**
1. APPROVAL IS DEPENDENT UPON, AND LIMITED TO, THE PROPOSALS AND PLANS CONTAINED IN THE APPLICATION DATED APRIL 3, 2017, AS AMENDED OCTOBER 19, 2018 AND SUPPORTING DOCUMENTS AND ORAL REPRESENTATIONS SUBMITTED AND AFFIRMED BY THE APPLICANT, AND CONDITIONS, IF ANY, IMPOSED BY THE PLANNING BOARD, AND ANY VARIATION FROM SUCH PLANS, PROPOSALS, AND SUPPORTING DOCUMENTS AND REPRESENTATIONS ARE SUBJECT TO REVIEW AND APPROVAL BY THE PLANNING BOARD OR THE TOWN PLANNER IN ACCORDANCE WITH SECTION 913 OF THE LAND USE ORDINANCE.
 2. ALL NEW HOMES IN THE SUBDIVISION SHALL HAVE RESIDENTIAL SPRINKLER SYSTEMS THAT MEET NFPA STANDARDS.
 3. AN ACCESS EASEMENT FOR PUBLIC USE OF THE OPEN SPACE MUST BE RECORDED IN THE CUMBERLAND COUNTY REGISTRY OF DEEDS PRIOR TO THE ISSUANCE OF BUILDING PERMITS.
- WAIVERS GRANTED:**
1. SECTION 911.A.5.b - CLUSTER SUBDIVISION OPEN SPACE REQUIREMENT, PERFORMANCE STANDARD
 2. SECTION 911.M-5-B-6-2: A SHOULDER OR SIDEWALK SHALL BE PROVIDED ON MINOR LOCAL STREETS IN SUBDIVISIONS.
 3. SECTION 911.M-5-B-5-2: PUBLIC DEAD-END STREET PERFORMANCE STANDARD.

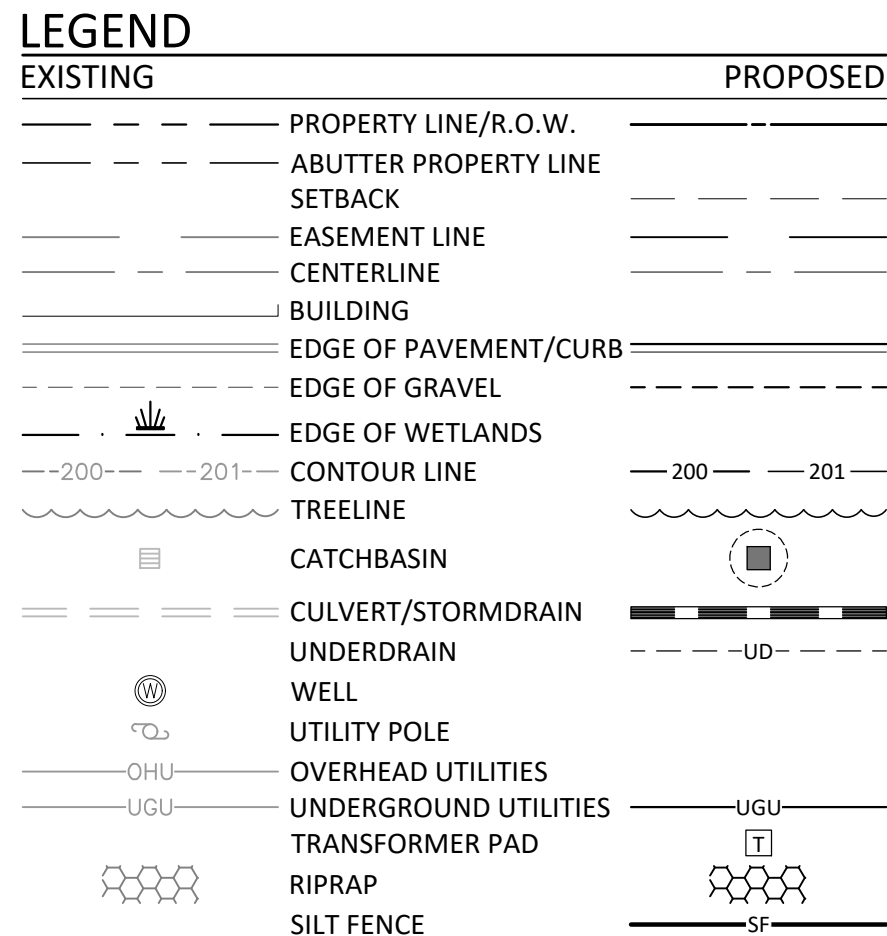
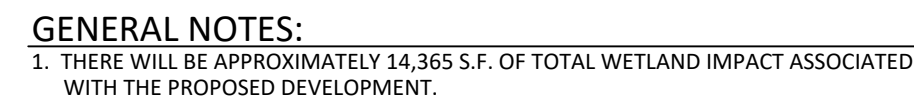


DM ROMA
CONSULTING ENGINEERS
PO BOX 1116
WINDHAM, ME 04062
(207) 310 - 0506

REV	DATE	BY	DESCRIPTION
A	1-7-19	DMR	ISSUED FOR PERMITTING
B	1-23-19	DMR	ISSUED FOR PERMITTING
C	5-6-19	DMR	ISSUED TO TOWN FOR FINAL APPROVAL
D	5-24-19	DMR	REVISED PER TOWN REVIEW

SUBDIVISION PLAN
HIGHLAND WOODS SUBDIVISION
HIGHLAND CLIFF ROAD
WINDHAM, MAINE
FOR RECORD OWNER:
MTR DEVELOPMENT, LLC.
PO BOX 1038
WESTBROOK, ME 04098

17001
JOB NUMBER:
1" = 80'
SCALE:
5-24-2019
DATE:
SHEET 3 OF 9
SB-1



ROADWAY PLAN & PROFILE

HIGHLAND WOODS SUBDIVISION
HIGHLAND CLIFF ROAD
WINDHAM, MAINE

FOR:
AMTR DEVELOPMENT, LLC.
PO BOX 1028
WESTBROOK, ME 04098

17001 JOB NUMBER:
AS NOTED SCALE:
5-24-2019 DATE:
SHEET 4 OF 9
PP-1

