

GENERAL NOTES:

- THE RECORD OWNER OF THE PARCEL IS BRANDON CHASE BY DEED DATED APRIL 21, 2021 AND RECORDED AT THE CUMBERLAND COUNTY REGISTRY OF DEEDS CCRD IN BOOK 38175, PAGE 131.
- THE PROPERTY IS SHOWN AS LOT 29 ON THE TOWN OF RAYMOND TAX MAP 4 AND IS LOCATED IN THE LIMITED RESIDENTIAL - RECREATION DISTRICT II (LLR2).
- SPACE AND BULK CRITERIA FOR THE LLR2 DISTRICT ARE AS FOLLOWS:
MINIMUM LOT SIZE: 3 ACRES
MINIMUM STREET FRONTAGE: 225 FEET
MINIMUM FRONT YARD: 30 FEET
MINIMUM SIDE YARD: 20 FEET
MINIMUM REAR YARD: 30 FEET
* SEE ORDINANCE FOR MORE PARTICULAR INFORMATION.
- TOTAL AREA OF PARCEL IS APPROXIMATELY 37.33 ACRES 1,626,252 SF.
- BOUNDARY INFORMATION SHOWN HEREON SOLELY BASED UPON PLAN REFERENCE 6A.
- PLAN REFERENCES:
A. STANDARD BOUNDARY SURVEY OF DESIGNED HOMES, INC. PROPERTY FOR CHIYUNG TSE aka JONATHAN TSE BY SEBAGO TECHINCS DATED NOVEMBER 19, 1993 AND RECORDED AT CCRD IN BOOK 194 PAGE 57.
B. STANDARD BOUNDARY SURVEY OF WHITNEY AND ALEXANDER PROPERTIES FOR WYANNE G. & LINDA C. WHITNEY AND JAMES R. A. TERRIL D. ALEXANDER BY SEBAGO TECHINCS, INC DATED JANUARY 19, 1994 AND RECORDED AT CCRD IN BOOK 195 PAGE 110.
- PLAN ORIENTATION IS GRID NORTH, MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE 1802-NAD83. ELEVATIONS DEPICTED HEREON ARE NAVD88, BASED ON DUAL FREQUENCY GPS OBSERVATIONS.

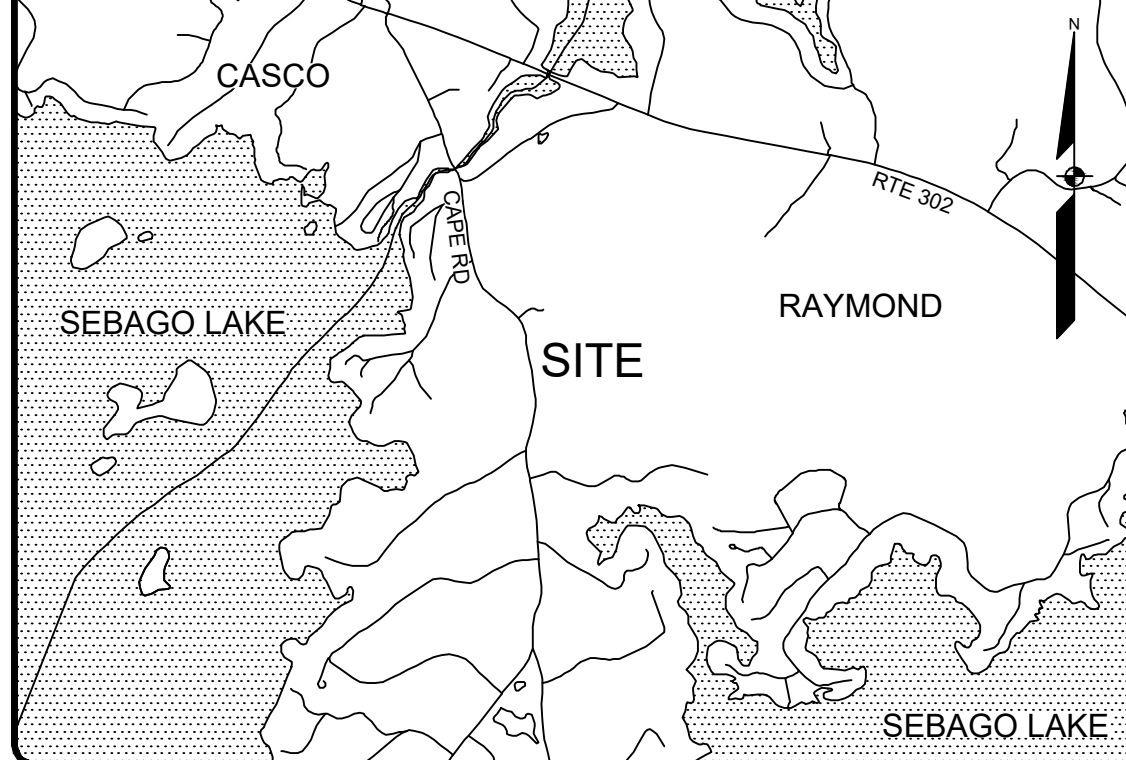
- UTILITY INFORMATION DEPICTED HEREON, UNLESS OTHERWISE NOTED, IS OF QUALITY LEVEL D PER AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) STANDARD G100-92. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS AND/OR DESIGNERS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES WITHIN THE PROJECT AREA PRIOR TO CONSTRUCTION AND/OR EXCAVATION.
- THE LOCUS PROPERTY AS DEPICTED HEREON DOES NOT FALL WITHIN A SPECIAL FLOOD HAZARD AREA AS DELINEATED ON THE FLOOD INSURANCE RATE MAP FOR RAYMOND, MAINE, CUMBERLAND COUNTY. COMMUNITY-PANEL NUMBER 230205 0020 B. HAVING AN EFFECTIVE DATE OF MAY 5, 1981. THE LOCUS FALLS WITHIN AN AREA IDENTIFIED AS ZONE C, AREAS OF MINIMAL FLOODING.
- A WETLAND DELINEATION WAS PERFORMED ON THIS PROJECT SITE IN JUNE OF 2021 BY GARY M. FULLERTON, CERTIFIED SOIL SCIENTIST OF SEBAGO TECHINCS, INC. THIS DELINEATION CONFORMS TO THE STANDARDS AND METHODS OUTLINED IN THE 1987 WETLANDS DELINEATION MANUAL AND NORTHEAST REGIONAL SUPPLEMENT AUTHORED AND PUBLISHED BY THE U.S. ARMY CORPS OF ENGINEERS. ALL WETLAND FLAGS WERE LOCATED USING GLOBAL POSITIONING SYSTEMS (GPS) TECHNOLOGY CAPABLE OF SUB METER ACCURACY.

WAIVER REQUESTS:

- SUBDIVISION REGULATIONS, ARTICLE 10, 3. STREETS, B. LAYOUT, PARAGRAPH 5, REQUEST TO WAIVE THE REQUIREMENT FOR 1,000 FEET IN LENGTH FOR DEAD END STREET. ADDITIONAL T-TURN AROUND PROVIDED BEFORE 1,000 FEET ON THE PROPOSED ROADWAY.

CONDITIONS OF APPROVAL:

- PRIOR TO COMMENCING CONSTRUCTION ON ANY LOT, A SITE SPECIFIC GRADING PLAN/PLOT PLAN SHOWING PRESERVED BUFFER AND EROSION CONTROL MEASURES SHALL BE PROVIDED TO THE CODE ENFORCEMENT OFFICER. REQUIRED BUFFERS SHALL BE PERMANENTLY MARKED.
- PLOT PLANS FOR EACH LOT SHALL SHOW THE PROPOSED DRIVEWAY LOCATION FOR THE LOT. PRIOR TO CONSTRUCTION, DRIVEWAY LOCATIONS FOR CULVERTS SHALL RECEIVE ALL REQUIRED APPROVALS FROM THE PUBLIC WORKS DEPARTMENT.
- PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, EVIDENCE OF FINANCIAL AND TECHNICAL ABILITY SHALL BE SUBMITTED TO THE CODE ENFORCEMENT OFFICER.
- PLOT PLANS OF INDIVIDUAL LOTS SHALL SHOW LOCATION FOR PROPOSED WELL.
- ANY AMENDMENTS TO THIS PLAN MUST BE APPROVED BY THE PLANNING BOARD. THE PLANNING BOARD RESERVES THE RIGHT TO REQUIRE ADDITIONAL LOT DIVISION TO BE IN ACCORDANCE WITH THE OPEN SPACE SUBDIVISION STANDARDS OR CONVENTIONAL SUBDIVISION STANDARDS.
- THE LOTS OF THE SUBDIVISION SHALL NOT BE FURTHER SUBDIVIDED.
- CLEARING ON INDIVIDUAL LOTS WITHIN THE SUBDIVISION SHALL BE LIMITED TO A MAXIMUM OF 25% OF THE LOT AREA, OR 15,000 SF, WHICHEVER IS GREATER. THERE SHALL BE NO IMPACTS TO WETLANDS WITHIN THE SUBDIVISION OR WITHIN 25' OF WETLAND WITH THE EXCEPTION OF WALKING TRAILS OR ACCESS FOR AND INSTALLATION OF WELLS.
- ALL ROADS IN THIS SUBDIVISION SHALL REMAIN PRIVATE ROADS TO BE MAINTAINED BY THE DEVELOPER OR THE LOT OWNERS AND SHALL NOT BE ACCEPTED OR MAINTAINED BY THE TOWN UNTIL THEY MEET ALL MUNICIPAL STREET DESIGN AND CONSTRUCTION STANDARDS AND ARE APPROVED AS SUCH BY THE TOWN MEETING.
- ALL RESIDENCES SHALL BE PROVIDED WITH RESIDENTIAL FIRE SPRINKLER SYSTEMS.
- DUE TO TOPOGRAPHICAL RESTRICTIONS, THE DRIVEWAYS FOR LOTS 1, 2 & 7 SHALL BE CONSTRUCTED IN THE APPROXIMATE LOCATIONS AS INDICATED ON THE SUBDIVISION PLAN.
- HAMMERHEAD TURN AROUNDS INCLUDING MAIN ROADWAY FROM STA. S 9+00 TO 11+00 AND 18+00 TO 19+76 SHALL BE CONSIDERED AS FIRE LANES. FIRE LANE SIGNAGE AND LOCATIONS SHALL BE APPROVED BY THE RAYMOND FIRE RESCUE DEPARTMENT.
- TEMPORARY E-911 ADDRESSES SHALL BE INSTALLED AND VISIBLE TO EMERGENCY RESPONDERS DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- PERMANENT STREET ADDRESS SHALL BE INSTALLED FOR EACH DWELLING UNIT PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY. THE STREET ADDRESS SHALL BE VISIBLE FROM THE PROPOSED STREET AND LOCATED TO BE CLEARLY VISIBLE FROM WITHIN THE FIRE APPARATUS CAB. THE STREET ADDRESS LETTERING SHALL BE NO LESS THAN 4" IN HEIGHT. LETTERS SHALL BE OF A CONTRASTING COLOR TO THE SIGN BACKGROUND, AND PREFERABLY THE LETTERS SHOULD BE REFLECTIVE FOR NIGHT OR REDUCED LIGHT CONDITIONS. THE PLACEMENT OF STREET ADDRESSES AND/OR SIGNS SHALL BE APPROVED BY THE RAYMOND FIRE RESCUE DEPARTMENT.
- EACH RESIDENTIAL CMP METER BOX SHALL INCLUDE AN OUTSIDE SERVICE DISCONNECT TO ENABLE FIRE/RESCUE PERSONNEL TO BE ABLE TO DISCONNECT THE POWER FROM THE OUTSIDE OF THE BUILDING.
- LOTS 1 AND 11 SHALL HAVE SUBSURFACE DISPOSAL SYSTEMS WITH PRE-TREATMENT IN ORDER TO REDUCE INITIAL NITRATE LOADING OF THE SEPTIC FIELDS TO 20 MG/L.
- THE OPEN SPACE TRACTS AND OPEN SPACE/CONSERVATION EASEMENT ARE FOR THE BENEFIT AND ENJOYMENT OF THE SETTLERS RIDGE ROAD SUBDIVISION HOMEOWNERS ASSOCIATION FOR PASSIVE RECREATION ACTIVITIES.



LOCATION MAP

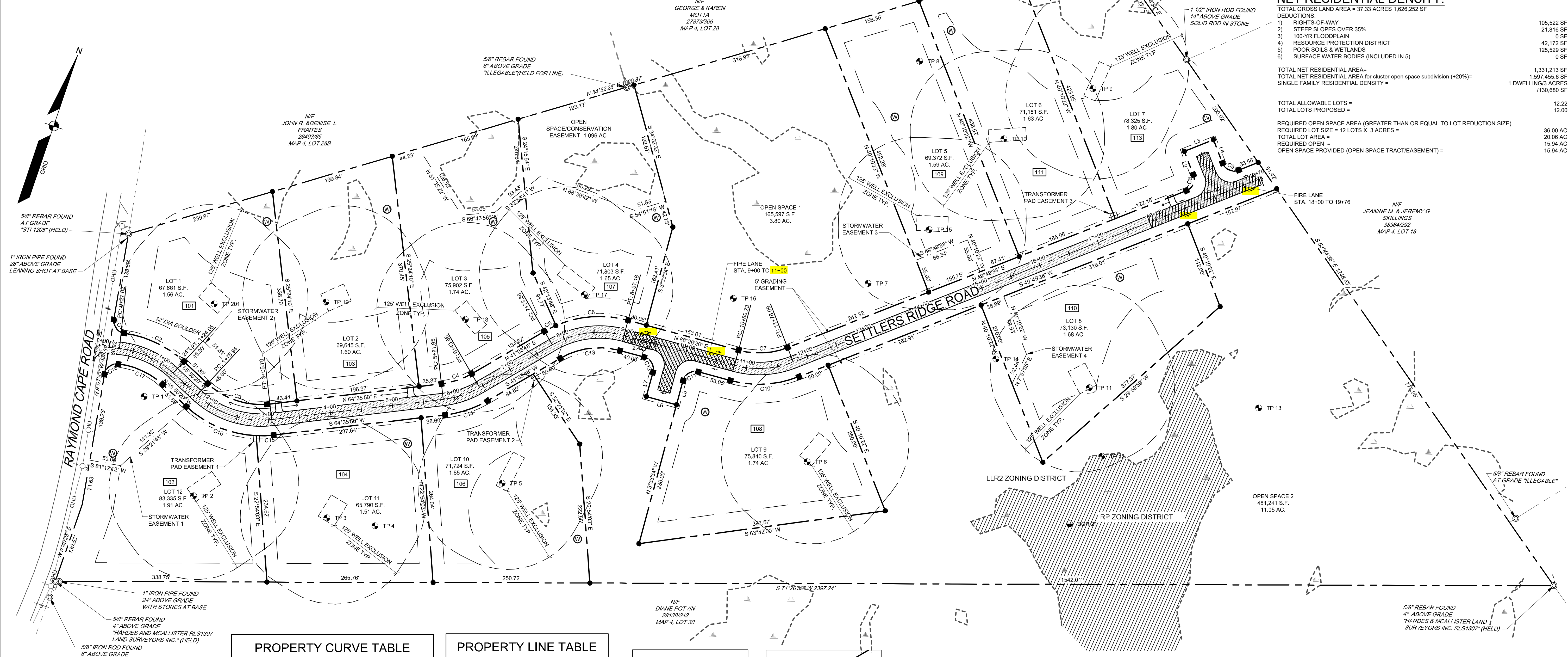
NET RESIDENTIAL DENSITY:

TOTAL GROSS LAND AREA = 37.33 ACRES 1,626,252 SF

- DEDUCTIONS:
- RIGHTS-OF-WAY 105,522 SF
 - STEEP SLOPES OVER 35% 21,816 SF
 - 100-YR FLOODPLAIN 0 SF
 - RESOURCE PROTECTION DISTRICT 42,172 SF
 - POOR SOILS & WETLANDS 125,529 SF
 - SURFACE WATER BODIES (INCLUDED IN 5) 0 SF

TOTAL NET RESIDENTIAL AREA-
TOTAL NET RESIDENTIAL AREA for cluster open space subdivision (+20%) = 1,331,213 SF
1,597,455.6 SF
SINGLE FAMILY RESIDENTIAL DENSITY = 1 DWELLING/3 ACRES /130,680 SF

TOTAL ALLOWABLE LOTS = 12.22
TOTAL LOTS PROPOSED = 12.00
REQUIRED OPEN SPACE AREA (GREATER THAN OR EQUAL TO LOT REDUCTION SIZE) 36.00 AC
REQUIRED LOT SIZE = 12 LOTS X 3 ACRES = 20.06 AC
TOTAL LOT AREA = 15.94 AC
REQUIRED OPEN = 15.94 AC
OPEN SPACE PROVIDED (OPEN SPACE TRACT/EASEMENT) = 15.94 AC

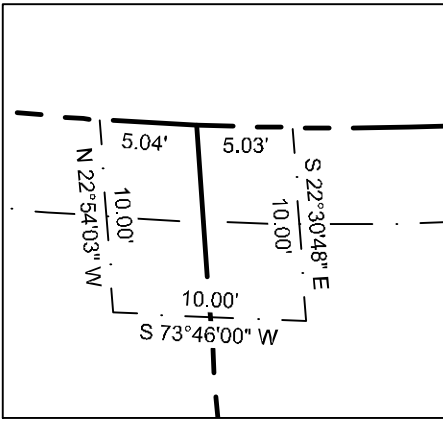


LEGEND

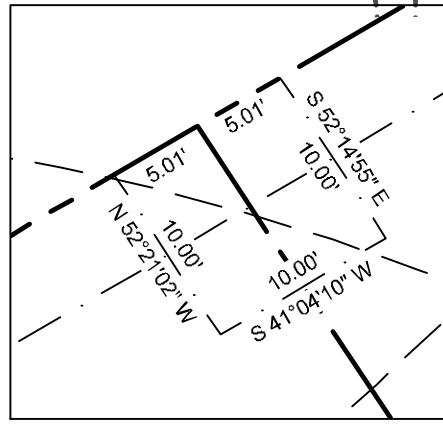
EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY LINE/R.O.W.	---
---	ABUTTER LINE/R.O.W.	---
---	SETBACK	---
---	EASEMENT	---
---	FLOODPLAIN	---
---	ZONE LINE	---
●	IRON PIPE/ROD	●
---	CURVE/LINE NO.	---
---	EDGE WETLAND	---
---	WETLANDS	---
---	STREAM	---
---	EDGE PAVEMENT	---
---	EDGE OF WATER	---
---	WATER GATE VALVE	---
---	HYDRANT	---
---	SANITARY MANHOLE	---
---	OVERHEAD UTILITY	---
---	UTILITY POLE	---
---	WELL	---
---	STREET NUMBER	---

PROPERTY CURVE TABLE				
CURVE	LENGTH	RADIUS	CRD. BEARING	CRD. DIST.
C1	32.02'	20.00'	S 54°53'20" E	28.71'
C2	106.63'	175.00'	N 83°17'43" W	104.99'
C3	108.13'	125.00'	S 89°22'45" W	104.79'
C4	51.34'	125.00'	N 52°49'49" E	50.98'
C5	20.48'	175.00'	N 44°25'00" E	20.47'
C6	118.11'	175.00'	N 67°06'19" E	115.88'
C7	79.88'	125.00'	N 68°08'02" E	78.53'
C8	31.42'	20.00'	N 4°49'38" E	28.28'
C9	31.42'	20.00'	S 85°10'22" E	28.28'
C10	111.83'	175.00'	N 68°08'02" E	108.94'
C11	31.42'	20.00'	S 41°26'26" W	28.28'
C12	31.42'	20.00'	N 48°33'34" W	28.28'
C13	99.00'	125.00'	N 63°45'07" E	96.43'
C14	71.88'	175.00'	N 52°49'49" E	71.38'
C15	27.63'	175.00'	S 69°07'12" W	27.60'
C16	123.76'	175.00'	N 86°05'53" W	121.19'
C17	79.40'	125.00'	N 84°02'08" W	78.07'
C18	30.30'	20.00'	S 34°22'16" W	27.48'

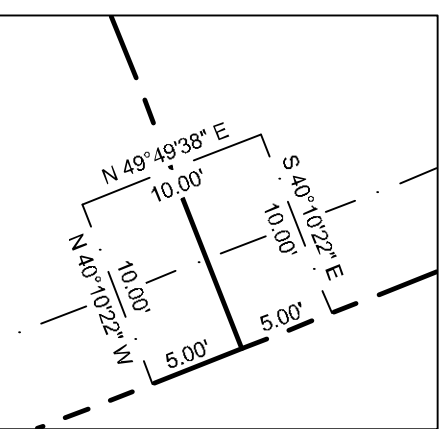
PROPERTY LINE TABLE		
LINE	DIRECTION	DISTANCE
L2	N 40°10'22" W	40.00'
L3	N 49°49'38" E	50.00'
L4	S 40°10'22" E	40.00'
L5	S 3°33'34" E	40.00'
L6	S 86°28'26" W	50.00'
L7	N 3°33'34" W	40.00'



TRANSFORMER PAD EASEMENT 1



TRANSFORMER PAD EASEMENT 2

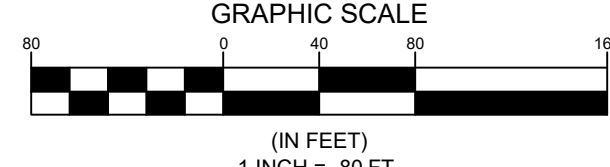


TRANSFORMER PAD EASEMENT 3

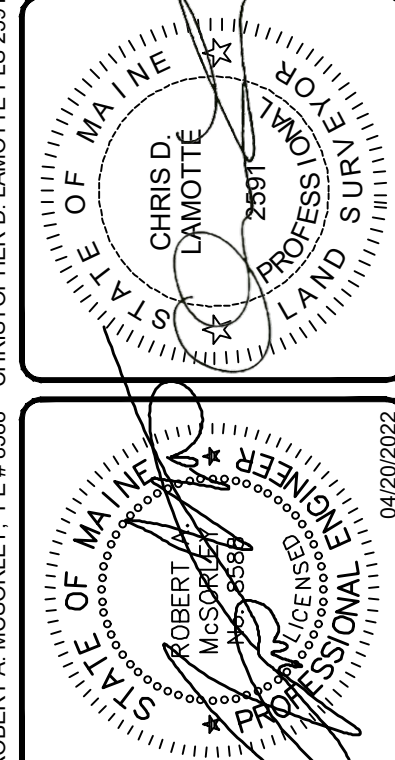
*****BOXES FOR STREET ADDRESS OF EACH LOT*****
(TOWN WILL PROVIDE BEGINNING OF THE WEEK)

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	GENERAL NOTES AND LEGEND
3	EXISTING CONDITIONS PLAN
4	CLASS 'C' MEDIUM-HIGH INTENSITY SOIL SURVEY
5	SUBDIVISION PLAN
6	OVERALL GRADING PLAN
7	PLAN AND PROFILE
8	PLAN AND PROFILE
9	UNDERDRAIN SOIL FILTER 1 PLAN
10	UNDERDRAIN SOIL FILTER 2 PLAN
11	EROSION CONTROL NOTES AND DETAILS
12	DETAILS
13	DETAILS
14	EXISTING CONDITIONS SWM PLAN
2 OF 2	PROPOSED CONDITIONS SWM PLAN

APPROVAL-
TOWN OF RAYMOND
PLANNING BOARD



STATE OF MAINE, CUMBERLAND COUNTY SS, REGISTRY OF DEEDS
RECEIVED _____ 20____
AT _____ H _____ M AND _____ M
RECORDED IN _____
PLAN BOOK _____ PAGE _____
ATTEST: _____ REGISTER



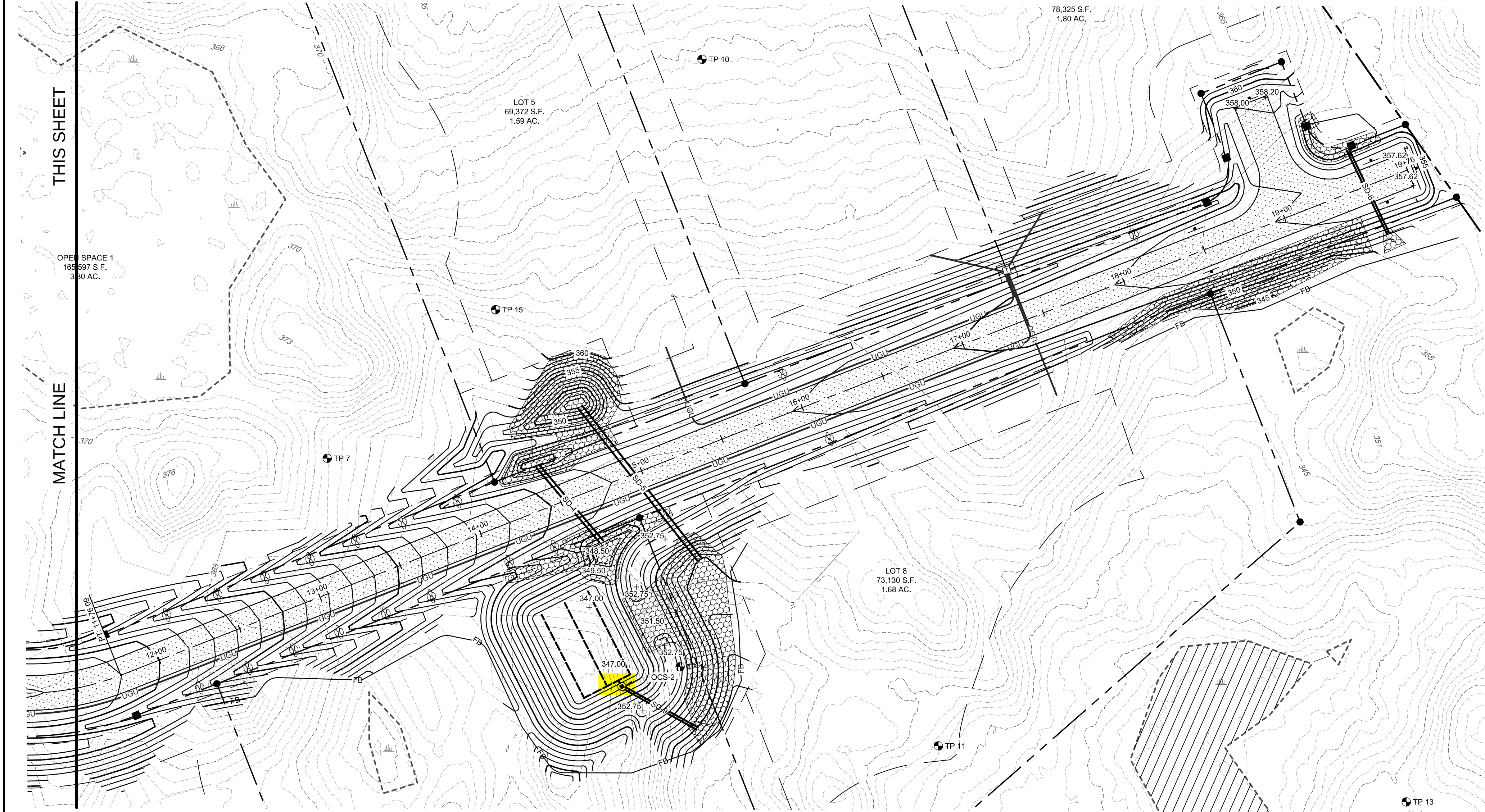
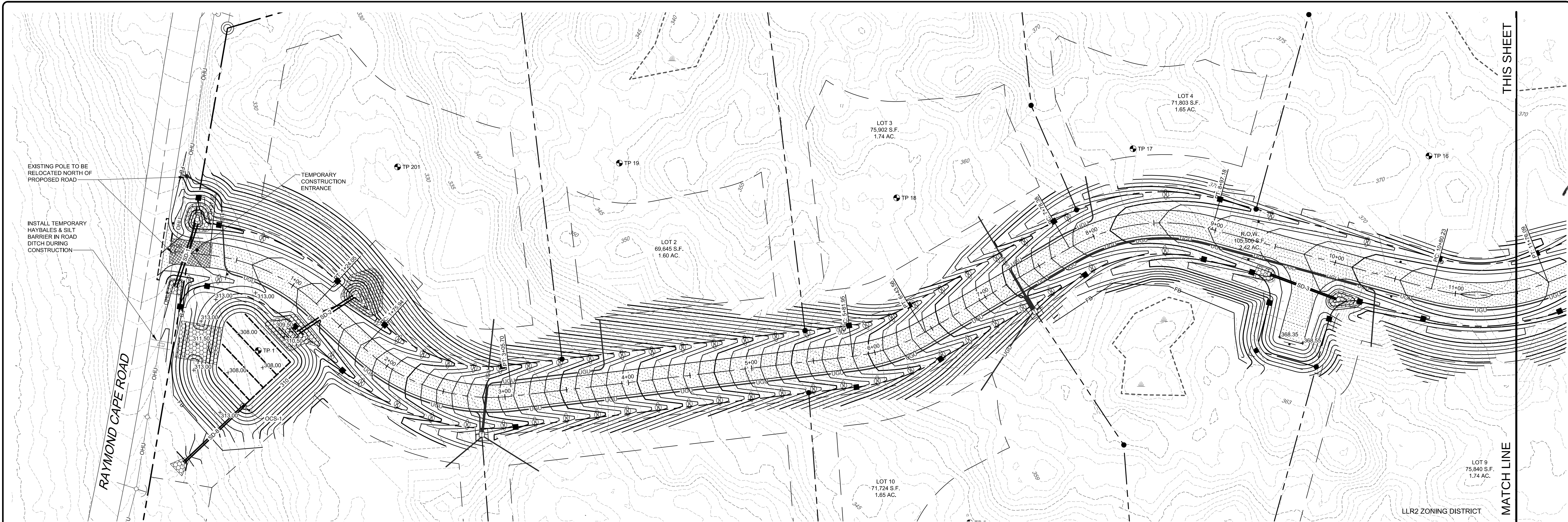
REV.	BY	DATE	STATUS
C	RAM	04/20/2022	RESUBMISSION TO TOWN OF RAYMOND
B	RAM	04/04/2022	RESUBMISSION TO TOWN OF RAYMOND
A	RAM	03/09/2022	SUBMISSION TO TOWN OF RAYMOND

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHINCS, INC. ANY ALTERATIONS AUTHORIZED OR OTHERWISE SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHINCS, INC.

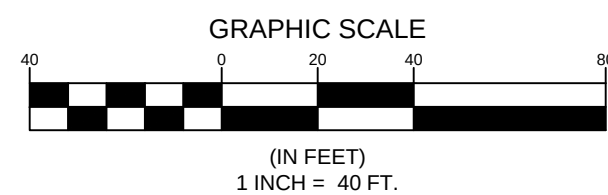


SUBDIVISION PLAN
OF:
SETTLERS RIDGE ROAD SUBDIVISION
RAYMOND, ME 04071
FOR RECORD OWNER:
BRANDON CHASE
15 WASHINGTON COURT
NAPLES, ME 04055

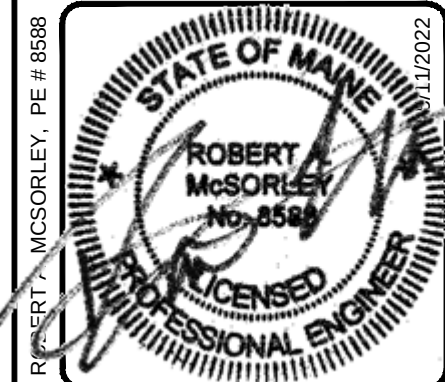
DESIGNED	JBP
DRAWN	MRS
CHECKED	RAM
DATE	11/19/21
SCALE	1" = 80'
PROJECT	21397



NOTE: ALL SWALES SHALL BE STABILIZED WITH EROSION CONTROL BLANKET. STA. 0+00 TO 8+00 SWALES SHOULD HAVE NORTH AMERICAN GREEN SC 150 OR EQUIVALENT. REMAINING SWALES SHOULD HAVE NORTH AMERICAN GREEN DS 150 OR EQUIVALENT.



NOT FOR
CONSTRUCTION



REV.	BY	DATE	STATUS
C	RAM	04/20/2022	RESUBMISSION TO TOWN OF RAYMOND
B	RAM	04/04/2022	RESUBMISSION TO TOWN OF RAYMOND
A	RAM	03/09/2022	RESUBMISSION TO TOWN OF RAYMOND
REV.	BY	DATE	STATUS
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SEBAGO
TECHNIQS
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South Portland, ME 04106
Tel. 207-200-2100

OVERALL GRADING PLAN
OF:
SETTLERS RIDGE ROAD SUBDIVISION
RAYMOND CAPE ROAD
RAYMOND, ME 04071
FOR RECORD OWNER:
BRANDON CHASE
15 WASHINGTON COURT
NAPLES, ME 04055

DESIGNED	JBP
DRAWN	MRS
CHECKED	RAM
DATE	11/19/21
SCALE	1" = 80'
PROJECT	21397

SHEET 6 OF 14



21397 POND.dwg, TAB:11 UNDERDRAIN SOIL FILTER 2 PLAN