# CONSERVATION RESIDENTIAL SUBDIVISION "MEADOWBROOK VILLAGE"

# TAX MAP 270 LOT 2 & 3, TAX MAP 273 LOT 49 MEADOWBROOK DRIVE BARRINGTON, NH

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**EROSION AND SEDIMENT CONTROL DETAILS** 

# OWNER OF RECORD

ANTHONY L. AND JANIS SERRA 44 MEADOWBROOK DRIVE BARRINGTON, NH 03825

# **APPLICANT**

21 BOYLSTON STREET, LLC 18 BRUSH HILL ROAD MERRIMAC, MA 01860

# CIVIL ENGINEER / SURVEYOR

JONES & BEACH ENGINEERS, INC. 85 PORTSMOUTH AVENUE PO BOX 219 STRATHAM, NH 03885 (603) 772-4746 CONTACT: BARRY GIER EMAIL: BGIER@JONESANDBEACH.COM

# WETLAND CONSULTANT

GZA GEOENVIRONMENTAL, INC. 5 COMMERCE PARK NORTH, SUITE 201 BEDFORD, NH 03110 (603) 430-9282 CONTACT: JAMES LONG

# **ELECTRIC**

EVERSOURCE 740 N COMMERCIAL ST PO BOX 330 MANCHESTER, NH 03105-0330 (603) 662-7764

# **TELEPHONE**

CONSOLIDATED COMMUNICATIONS 100 TRI CITY ROAD SOMERWORTH, NH 03878 ATTN:DAVE KESTNER (603) 743-1114

# CABLE TV

COMCAST COMMUNICATION CORPORATION 334-B CALEF HIGHWAY EPPING, NH 03042-2325 (603) 679-5695



TYPE OF PERMIT

STATUS

ENVIRONMENTAL SERVICES -

SUBMITTED:

SUBSURFACE SYSTEMS BURFALL 29 HAZEN DRIVE, P.O. BOX 95 CONCORD, NEW HAMPSHIRE 03302-0095 (603) 271-3503

EXPIRATION-

DATED:

USEPA NPDES PHASE II CONSTRUCTION GENERAL PERMIT, NOTICE OF INTENT (NOI), AND NOTICE OF TERMINATION (NOT) TO BE FILED IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS PRIOR TO AND FOLLOWING CONSTRUCTION: EPA STORMWATER NOTICE PROCESSING CENTER MAIL CODE 4203M

1200 PENNSYLVANIA AVENUE, NW WASHINGTON, DC 20460 RESPONSIBLE CONSULTANT JONES & BEACH ENGINEERS, INC.

JONES & BEACH ENGINEERS, INC.

TYPE OF PERMIT

STATUS SUBMITTED:

BARRINGTON SUBDIVISION APPROVAL: TOWN OF BARRINGTON PLANNING BOARD 333 CALEF HIGHWAY

PERMIT NO. DATED:

(603) 664-0195 RESPONSIBLE CONSULTANT:
JONES & BEACH ENGINEERS, INC.

OWNER: ANTHONY & JANIS SERRA

TAX MAP 270, LOTS 2 & 3 TAX MAP 273, LOT 49

OWNER
ANTHONY & JANIS SERRA
44 MEADOWBROOK DRIVE BK 1236, PG 653

APPLICANT 21 BOYLSTON STREET, LLC 18 BRUSH HILL ROAD MERRIMAC, MA 01860

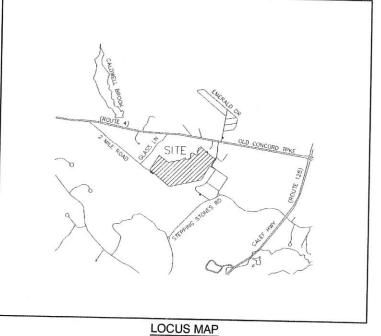
TOTAL LOT AREA 2,564,200+ SQ. FT 58.87+ ACRES

APPROVED - BARRINGTON, NH

PLANNING BOARD

DATE:

CS



SCALE 1" = 2000

LAND USE OFFICE

Checked: BWG Scale: AS NOTED Project No.: 20747 Drawing Name: 20747-PLAN.dwg HIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN ERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE



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DIAGO	REVISED PER TOWN REVIEW	12/23/21	2
BWG	REVISED PER BARRINGTON PB	11/01/21	1
BWG	ISSUED FOR REVIEW	08/23/21	0
BY	REVISION	DATE	REV.

Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM

Plan Name

MEADOWBROOK VILLAGE MEADOWBROOK DRIVE BARRINGTON, NH Owner of Record:

ANTHONY L. & JANIS SERRA

44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653

**COVER SHEET** 

# **GENERAL LEGEND**

SETBACK LINES CENTERLINE FRESHWATER WETLANDS LINE STREAM CHANNEL TREE LINE STONEWALL -0-0-0-STOCKADE FENCE FLOOD PLAIN LINE EASEMENT ----98-----MAJOR CONTOUR DRAINAGE LINE WATER LINE OVERHEAD ELECTR UNDERGROUND ELECTRIC GUARDRAIL 0 IRON PIPE/IRON ROD DRILL HOLE
IRON ROD/DRILL HOLE STONE/GRANITE BOUND DOUBLE POST SIGN SINGLE POST SIGN ®<sub>TP1</sub> TEST PIT TREES AND BUSHES UTILITY POLE T D-o DRAIN MANHOLE SEWER MANHOLE \_ ||X||-|X||-WATER SHUT OFF

SINGLE GRATE CATCH BASIN

FRESHWATER WETLANDS

PROJECT PARCEL TAX MAP 270, LOTS 2 & 3 TAX MAP 273, LOT 49

ANTHONY & JANIS SERRA 44 MEADOWBROOK DRIVE BK 1236, PG 653

APPLICANT 21 BOYLSTON STREET, LLC MERRIMAC, MA 01860

> TOTAL LOT AREA 2,564,200+ SQ. FT 58.87+ ACRES

PROPERTY LINE PE T MERON 7 MELESIA PERCE /
1 ASKETY DISVE /
NEWTON INC. MEN PG 201 / TAX MAP 270 LOT 26 ERIC H. BURGESS 123 POINT TREATT DRIVE STRAFFORD, NH BK 4618 PQ 594 TAX MAP 270 LOT 29 LOT 3 SOLEN SF 11.50 AC PER PLAN REFEE TAX MAP 270 LOT 30
MIDMEL 4 & PANELA M. GURN
SI GLASS LINE
BASSONITIO, NH
BK 1603 PG 164 461,600± SF 10.8± AC KILDING CENTERL TAX MAP 273 LOT 50 TASHA L & JOH P. HAMPHREYS 63 GLADS LIVE BARRISCTON, MH BK 4237 PG 120 H4016/40.A

# **CERTIFICATION:**

I CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN UNADJUSTED LINEAR ERROR OF CLOSURE THAT EXCEED BOTH THE MINIMUM OF 1:10,000 AS DEFINED IN SECTION 50:304 OF THE NEW THAMPSHIRE CODE OF ADMINISTRATIVE RULES AND THE MINIMUM OF 1:15,000 AS DEFINED IN SECTION 4:2 OF THE NAILLS.A. ETHICS AND STANDARDS.

THIS SURVEY CONFORMS TO A CATEGORY 1 CONDITION 1 SURVEY AS DEFINED IN SECTION 4.1 OF THE N.H.L.S.A. ETHICS AND STANDARDS.

I CERTIFY THAT THIS SURVEY PLAT IS NOT A SUBDIMISION PURSUANT TO THIS TITLE AND THAT THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED AND THAT NO NEW WAYS ARE SHOWN.



DAVID M. COLLIER, LLS 892 ON BEHALF OF JONES & BEACH ENGINEERS, INC.

DATE:

# LAND USE OFFIC

R FOLIO 0.2' BO RLS (21)

1 1/4" IRON PIPE 0.3" EUPOSED

I' RON PIPE

ANGELINA RESSO 43 MEAGONEMOOK DRIVE BAPPINGTON, NH 03525 BK 4051 PG 800

1 1/4" INCH PIPE 0.15" EXPOSED

TEM MAD

O.1" EXPOSED DISTURBED

1 1/4" PICH PI

531'47'43"W

1.7 EPOSED

TAX MAP 270 LOT 2 16,500 SF 0.3788 AG

# PLAN REFERENCES

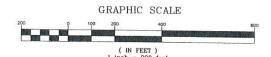
- "SUBDIVISION OF LAND FOR CLAYTON R. ELLIOT AND PRISCILLA F. WHELAN IN BARRINGTON, NH"; PREPARED BY PARKER SURVEY ASSOC, INC; DATED FEBRUARY 5, 1979; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 20–12.
- "PLAN OF SUBDIVISION FOR RONALD PRATT & RICHARD SAULNIER "CRYSTAL ACRES" ROUTE US 4 BARRINGTON, NH"; PREPARED BY K.E. MOORE & B.G. STAPLES LAND SURVEYORS; DATED NOVEMBER 17, 1984; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 36—99.
- "A SURVEY AND PLAT OF A BACK LOT SUBDIVISION PREPARED FOR JOHN & JUDITH NESTER STIVATED IN THE TOWN OF BARRINGTON, NH"; PREPARED BY BLAISDELL SURVEY, LLC; DATED DECEMBER 19, 2002; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 67–92.
- \*PLANDS OF LAND FOR STEPHEN AND BARBARA LOCKE TAX MAP 13 LOTS 50, 84 & 85 STEPPINGSTONE AND TWO MILE ROAD BARRINGTON, NH\*; PREPARED BY KEM LAND SURVEY, INC.; DATED SEPTEMBER 19, 2003; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 72-41.
- "MEADOWBROOK ESTATES BARRINGTON, NH"; PREPARED BY LEWIS R. HUGHEY; DATED AUGUST 23, 1982; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 004-F001-017.
- "REVISED PLAN OF GOLDEN CREST ESTATES BARRINGTON, NH" PREPARED BY R E MOORE & B. G. STAPLES; DATED JUNE 20, 1972; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 006-7003-032.
- "SUBDIVISION OF LAND IN BARRINGTON, NH OWNED BY DEXTER & PAULINE LAYNE"; PREPARED BY PEMBROKE LAND SURVEY CO; DATED DECEMBER 11, 1985; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 0273—0065.
- "PROPERTY LINE ADJUSTMENT BETWEEN R. & R. SAULNIER & SARAH ELLIOT; PREPARED BY M.E. JENKINS; DATED MARCH 30, 1990; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 0032-138.

- THE INTENT OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS OF LOTS 2 & 3 DEPICTED HEREON TAX MAP 270 AND LOT 49 DEPICTED HEREON TAX MAP 273.
- THE UTILITY LOCATIONS SHOWN HEREON WERE DETERMINED BY OBSERVED ABOVE GROUND EVIDENCE AND SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, ONLY, LOCATION, DEPTH, SIZE, TYPE, EXISTENCE OF ON DEVESTENCE OF UNDERGROUND UTILITIES AND/OR UNDERGROUND STORAGE TANKS WAS NOT VERIFIED BY THIS SURVEY, ALL CONTRACTORS SHOULD NOTIFY IN WEITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK OR CALL DIG-SAFE AT 1-868-010F-SAFE.
- 3. THE SUBJECT PARCEL IS LOCATED WITHIN AN AREA HAVING A ZONE X UNSHADED DESIGNATION BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP NO. 33017C02950, WITH FETERITYE DATE OF MAY 17, 2005, FOR COMMUNITY PANEL NO. 298 OF 405, IN STRAFFORD COUNTY, STATE OF NEW HAMPSHIRE, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR COMMUNITY IN WHICH SAID PREMISES IS SITUATED.
- 4. BASIS OF BEARING: HORIZONTAL -STATE PLANE COORDINATES . VERTICAL -NAVD 88.
- CERTAIN DATA HEREON MAY VARY FROM RECORDED DATA DUE TO DIFFERENCES IN DECLINATION, ORIENTATION, AND METHODS OF MEASUREMENT.
- ALL BOOK AND PAGE NUMBERS REFER TO THE STRAFFORD COUNTY REGISTRY OF DEEDS.
- THE TAX MAP AND LOT NUMBERS ARE BASED ON THE TOWN OF BARRINGTON TAX RECORDS AND ARE SUBJECT TO CHANGE.
- RESEARCH WAS PERFORMED AT THE TOWN OF BARRINGTON ASSESSOR'S OFFICE AND THE STRAFFORD COUNTY REGISTRY OF DEEDS.
- 9. THIS SURVEY IS NOT A CERTIFICATION TO OWNERSHIP OR TITLE OF LANDS SHOWN. OWNERSHIP AND ENCUMBRANCES ARE MATTERS OF TITLE EXAMINATION NOT OF A BOUNDARY SURVEY. THE INTENT OF THIS PLAN IS TO RETRACE THE BOUNDARY LINES OF DEEDS REFERENCED HEREON. OWNERSHIP OF ADJOINING PROPERTIES IS ACCORDING TO ASSESSOR'S RECORDS. THIS PLAN MAY OR MAY NOT INDICATE ALL ENCUMB EXPRESSED, IMPLIED OR PRESCRIPTIVE.
- 10. ANY USE OF THIS PLAN AND OR ACCOMPANYING DESCRIPTIONS SHOULD BE DONE WITH LEGAL COUNSEL, TO BE CERTAIN THAT TITLES ARE CLEAR, THAT INFORMATION IS CURRENT, AND THAT ANY NECESSARY CERTIFICATES ARE IN PLACE FOR A PARTICULAR CONVEYANCE, OR OTHER USES.
- 11. THE LIMITS OF JURISDICTIONAL WETLANDS WERE DELINEATED BY CONOR E. MADISON OF GZA GEOENTRONMENTAL IN WINTER IN ACCORDANCE WITH THE FOLLOWING GUIDANCE DOCUMENTS:

  A. THE CORPS OF ENGINEERS FEDERAL MANUAL FOR IDENTIFYING AND DELINEATING JURISDICTIONAL WETLANDS.

  B. THE NORTH CENTRAL & NORTHEAST REGIONAL SUPPLEMENT TO THE FEDERAL MANUAL.

- MANUAL THE CURRENT VERSION OF THE FIELD INDICATORS FOR IDENTIFYING HYDRIC THE CURRENT VERSION OF THE FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, AS PUBLISHED BY THE NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION AND/OR THE CURRENT VERSION OF THE FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, AS PUBLISHED BY THE USDA, NRCS, AS APPROPRIATE. THE CURRENT NATIONAL ISTS OF PLANT SPECIES THAT OCCUR IN WETLANDS, AS PUBLISHED BY THE US FISH AND WILDLIFE SERVICE.
- THIS PLAN IS THE RESULT OF A CLOSED TRAVERSE WITH A RAW, UNADJUSTED LINEAR ERROR OF CLOSURE GREATER THAN 1 IN 89,000.
- 14. SURVEY TIE LINES SHOWN HEREON ARE NOT BOUNDARY LINES. THEY SHOULD ONLY BE USED TO LOCATE THE PARCEL SURVEYED FROM THE FOUND MONUMENTS SHOWN AND LOCATED BY THIS SURVEY.



Design: BWG Draft: DFP Date: 11/01/21
Checked: BWG Scale: AS-NOTED Project No.: 20747 Drawing Name: 20747-PLAN.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN ERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE) ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

1 11/01/21 REVISED PER BARRINGTON PB BWG 0 08/23/21 ISSUED FOR REVIEW BWG REV. DATE BY

Designed and Produced in NH Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services FAX: 603-772-0227

E-MAIL: JBE@JONESANDBEACH.COM

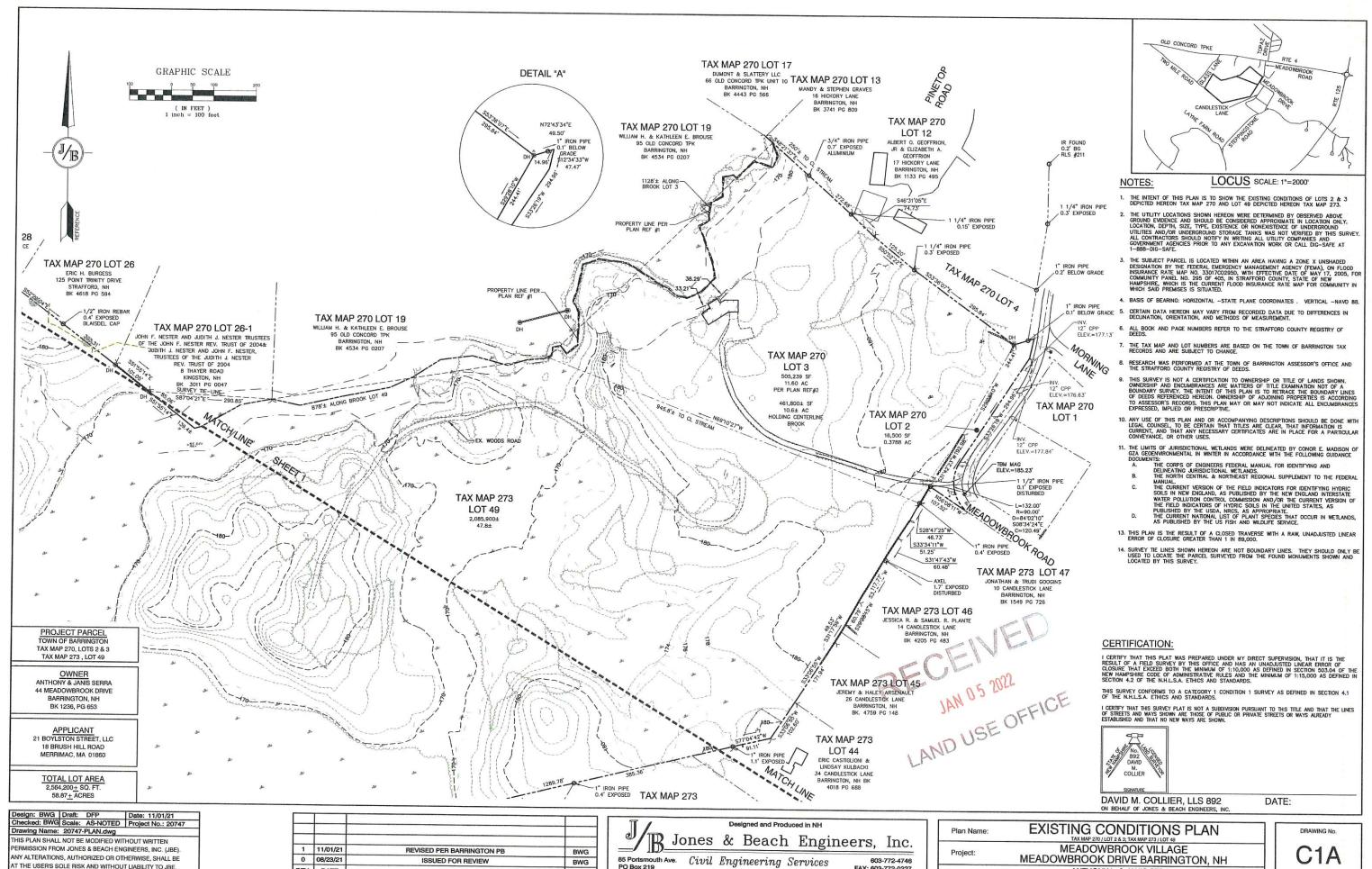
Plan Name: OVERALL EXISTING CONDITIONS PLAN

MEADOWBROOK VILLAGE Project MEADOWBROOK DRIVE BARRINGTON, NH

ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653

DRAWING No

SHEET 2 OF 20 JBE PROJECT NO. 20747



PO Box 219

Stratham, NH 03885

BY

FAX: 603-772-022

E-MAIL: JBE@JONESANDBEACH.COM

Owner of Record:

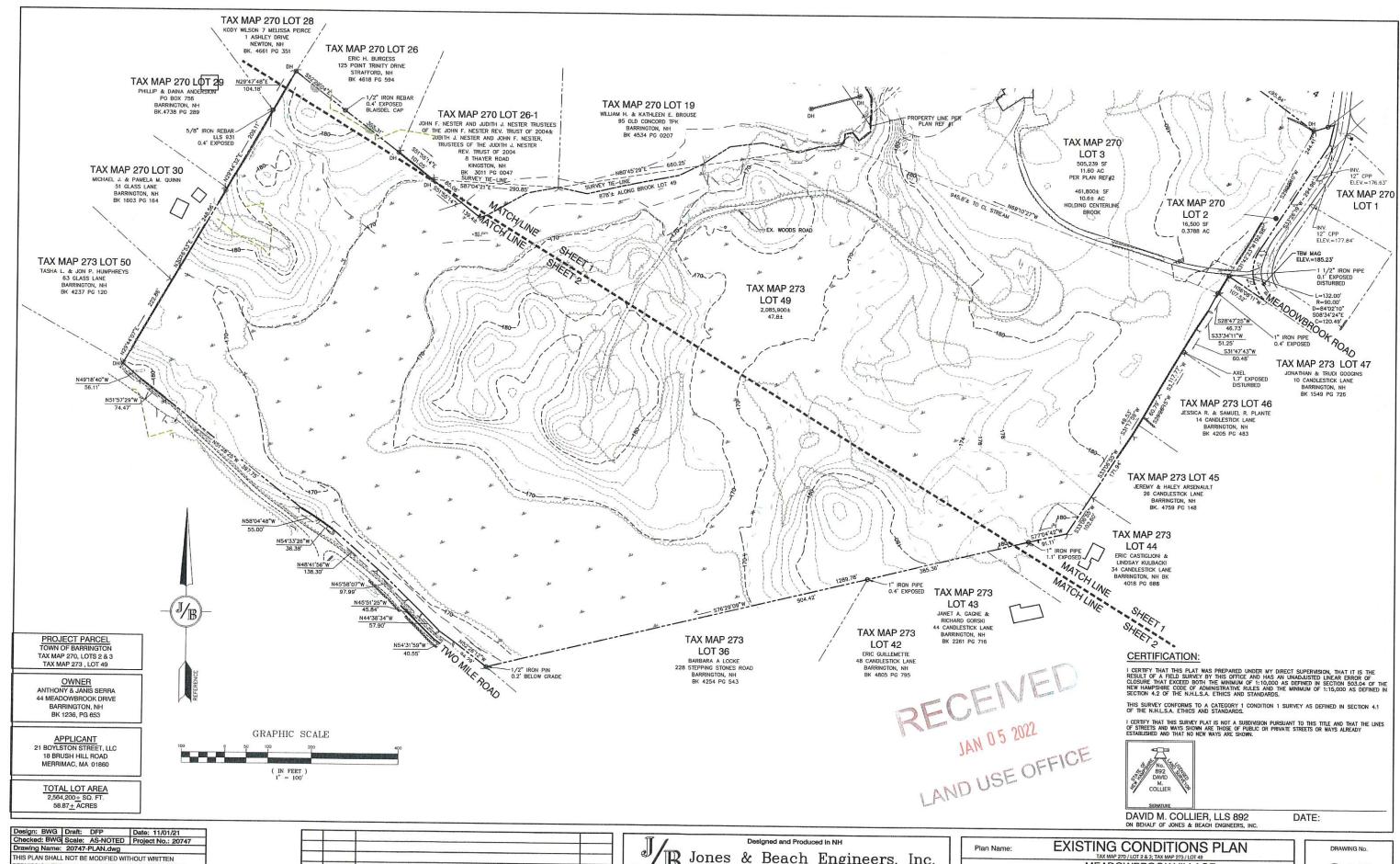
AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

REV. DATE

REVISION

C<sub>1</sub>A SHEET 3 OF 20 JBE PROJECT NO. 20747

ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653



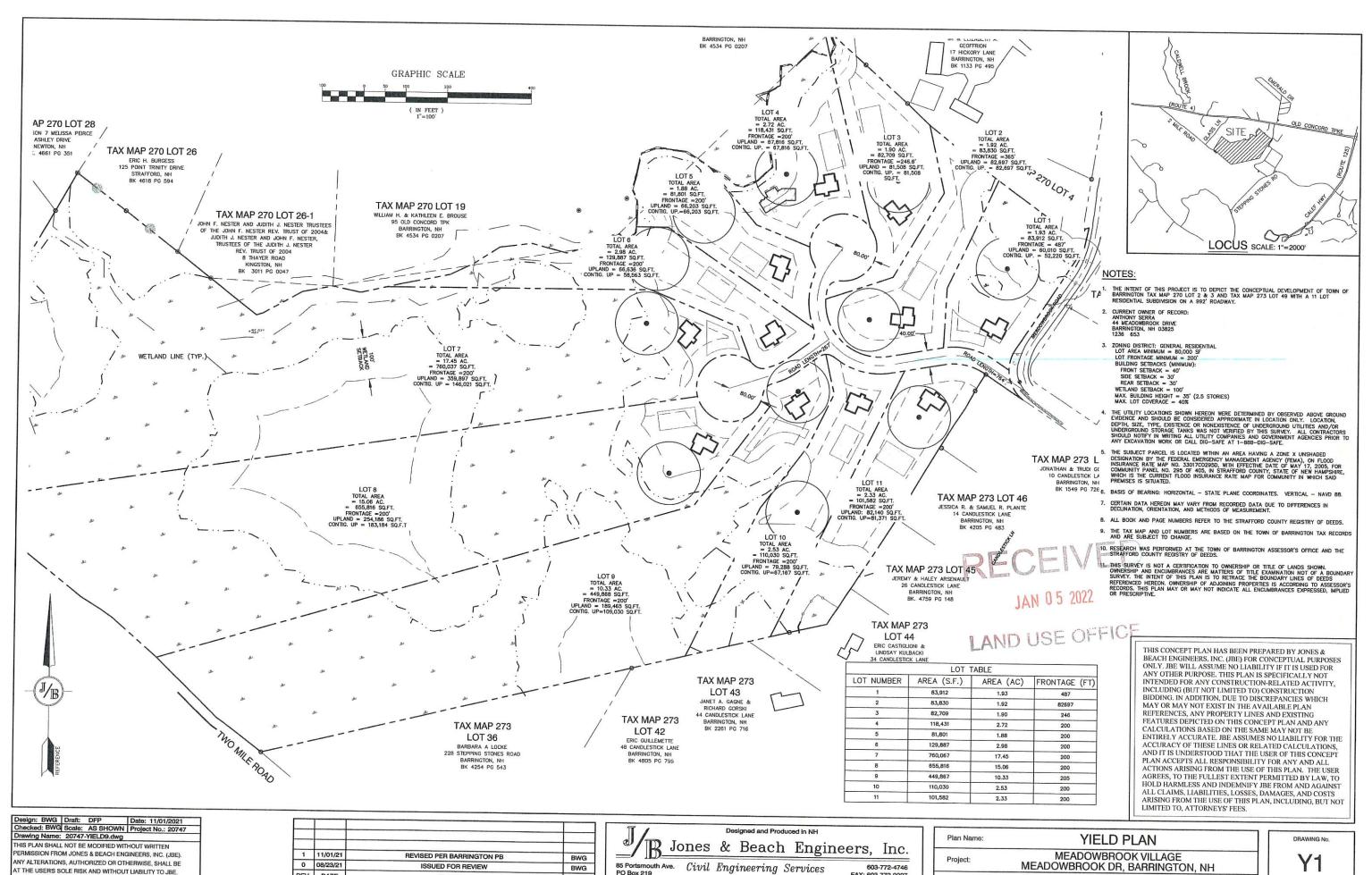
PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

1	11/01/21	REVISED PER BARRINGTON PB	BWG
0	08/23/21	ISSUED FOR REVIEW	BWG
REV.	DATE	REVISION	BY

11/	Designed and Produced in NH							
B Jo	nes	&	Beach	n Engir	neers,	Inc.		
85 Portsmouth Ave. PO Box 219	Civil	Eng	ineering	Services		3-772-4746 3-772-0227		
Stratham, NH 03885				E-MAIL: JBE@J	JONESANDBE	ACH.COM		

Plan Name:	EXISTING CONDITIONS PLAN TAX MAP 270 (LOT 2 & 3; TAX MAP 273 (LOT 49)	٦Г
Project:	MEADOWBROOK VILLAGE MEADOWBROOK DRIVE BARRINGTON, NH	71
Owner of Record:	ALITHOLDAL & HANG COURT	71,

C<sub>1</sub>B SHEET 4 OF 20 JBE PROJECT NO. 20747



603-772-4746

FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM

BWG

BY

REVISION

PO Box 219

Stratham, NH 03885

AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

REV. DATE

MEADOWBROOK DR, BARRINGTON, NH Owner of Record: ANTHONY SERRA
44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653 JBE PROJECT NO. 20747

## PLAN REFERENCES

- 1. "SUBDIMISION OF LAND FOR CLAYTON R. ELLIOT AND PRISCILLA F. WHELAN IN BARRINGTON, NH"; PREPARED BY PARKER SURVEY ASSOC., INC; DATED FEBRUARY 5, 1979; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 20-12.
- 2. "SUBDIVISION PLAN FOR JULIE ANN MCCARTHY BARRINGTON, NH; PREPARED BY EMERY ENGINEERS; DATED JUNE 24, 1966; RECORDED AT THE STRAFORD COUNTY REGISTRY OF DEEDS AS PLAN 29-81.
- 4. "A SURVEY AND PLAT OF A BACK LOT SUBDIVISION PREPARED FOR JOHN & JUDITH NESTER SITUATED IN THE TOWN OF BARRINGTON, NH"; PREPARED BY BLAISDELL SURVEY, LLC; DATED DECEMBER 19, 2002; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 67-92.
- 6. "MEADOWBROOK ESTATES BARRINGTON, NH"; PREPARED BY LEWIS R. HUGHEY; DATED AUGUST 23, 1962; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 004-F001-017
- 7. "REVISED PLAN OF GOLDEN CREST ESTATES BARRINGTON, NH" PREPARED BY R E MOORE & B. G. STAPLES; DATED JUNE 20, 1972; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 006-F003-032.
- 8. "SUBDIVISION OF LAND IN BARRINGTON, NH OWNED BY DEXTER & PAULINE LAYNE"; PREPARED BY PEMBROKE LAND SURVEY CO.; DATED DECEMBER 11, 1985; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 027A-0065.
- 9. "PROPERTY LINE ADJUSTMENT BETWEEN R. & R. SAULNIER & SARAH ELLIOT; PREPARED BY M.E. JENKINS; DATED MARCH 30, 1990; RECORDED AT THE STRAFFORD COUNTY REGISTRY OF DEEDS AS PLAN 0032—138.

## SITE NOTES:

THE INTENT OF THIS PLAN IS TO SHOW THE OVERALL SUBDIVISION SITE PLAN OF DEVELOPMENT FOR THE MAP 270/LOTS 2 & 3, AND MAP 273/LOT 49. ALL HOMES WILL BE SERVICED BY ON-SITE WELLS AND SEPTICS

ZOUNICO ISTACT. GENERAL ZESIDENTIAL (OPEN SPACE SUBDIVISION)
LOT AREA MINIMUM = 20,000 SF
LOT FRONTAGE MINIMUM = N/A
BUILDING SETBACKS (MINIMUM):
FRONT SETBACKS (MINIMUM):
FRONT SETBACK = 25'
SIDE SETBACK = 20'
REAR SETBACK = 20'
LOT WOTH = 75'
WETLAND SETBACK = 50'
EXTERNAL SETBACK = 100'
MAX. BUILDING HEIGHT = 35'

- SHEETS A1 THRU A5 TO BE RECORDED AT THE ROCKINGHAM REGISTRY OF DEEDS. FULL PLAN SET SHALL BE ON FILE AT TOWN OF BARRINGTON PLANNING OFFICE.
- THIS PLAN SET HAS BEEN PREPARED BY JONES & BEACH ENGINEERS, INC., FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTION SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS, INCLUDING ANY UNFORESEEN CONDITIONS, SUBSURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN ITEMS ON THIS PLAY/PLAN SET, OR BETWEEN THE PLANS AND ON-STE CONDITIONS MUST BE RESOLVED BEFORE RELIED CONSTRUCTION HAS BEEN INITIATED. CONTRACTOR TO ALWAYS CONTACT DIG SAFE PRIOR TO DIGGING ONSITE OR OFFSTIE TO ENSURE SAFETY AND OBEY THE LAW.
- ALL CONSTRUCTION SHALL CONFORM TO TOWN STANDARDS AND REGULATIONS, AND NHDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, WHICHEVER IS MORE STRINGENT.
- LANDOWNERS ARE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL WETLAND REGULATIONS, INCLUDING PERMITTING REQUIRED UNDER THESE REGULATIONS.
- ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (S.W.P.P.P.). THIS DOCUMENT IS TO BE KEPT ONSITE AT ALL TIMES AND UPDATED AS REQUIRED.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER, ARCHITECT AND/OR OWNER, IN ORDER TO OBTAIN AND/OR PAY ALL THE NECESSARY LOCAL PERMITS, FEES AND BONDS.
- ALL SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND NHDOT STANDARDS AND SPECIFICATIONS (NON-REFLECTORIZED PAVEMENT MARKINGS), UNLESS OTHERWISE NOTED.
- ALL STOP BARS SHALL BE 18" IN WIDTH IN A COLOR OF WHITE; ALL TRAFFIC ARROWS SHALL BE PAINTED IN A COLOR OF WHITE.
- 10. THE SUBJECT PARCEL IS LOCATED WITHIN AN AREA HAVING A ZONE X UNSHADED DESIGNATION BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP NO. 33017C02950, WITH EFFECTIVE DATE OF MAY 17, 2005, FOR COMMUNITY PARLE NO. 295 OF 405, IN STRAFFORD COUNTY, STATE OF NEW HAMPSHIRE, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR COMMUNITY IN WHICH SAID PREMISES IS SITUATED.

# **CERTIFICATION:**

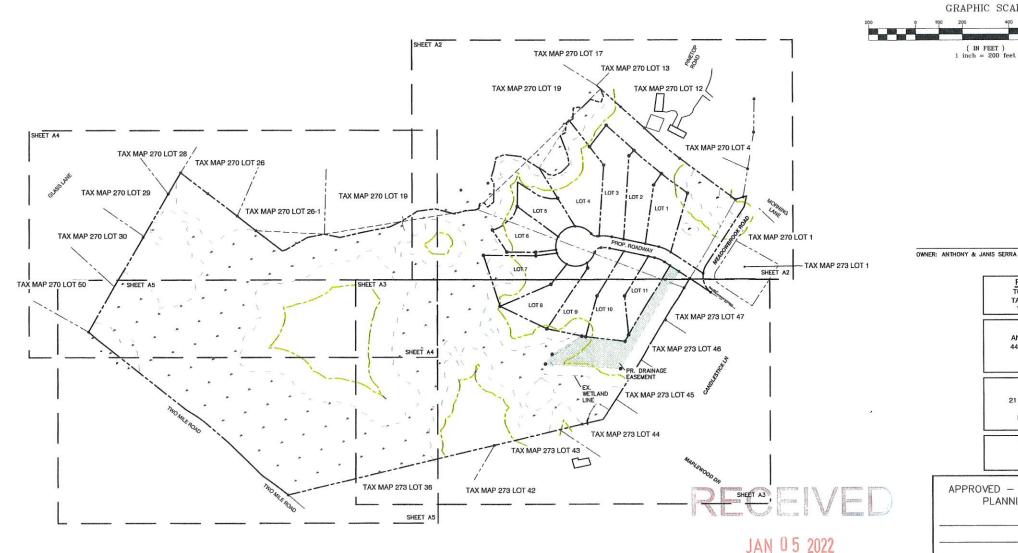
I CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION, THAT IT IS THE RESULT OF A FIELD SURVEY BY THIS OFFICE AND HAS AN UNADJUSTED LINEAR ERROR OF CLOSURE THAT EXCEED BOTH THE MINIMUM OF 1:1,000 AS DEFINED IN SECTION 4.20 ON A DEFINED IN SECTION 4.20 OF THE MAINTSMIRE CODE OF ADMINISTRATIVE RULES AND THE MINIMUM OF 1:15,000 AS DEFINED IN SECTION 4.2 OF THE MILLIS.A. ETHICS AND STANDARDS.

THIS SURVEY CONFORMS TO A CATEGORY 1 CONDITION 1 SURVEY AS DEFINED IN SECTION 4.1 OF THE N.H.L.S.A. ETHICS AND STANDARDS.



DAVID M. COLLIER, LLS 892 ON BEHALF OF JONES & BEACH ENGINEERS, INC.

DATE:



BWG 1 11/01/21 REVISED PER BARRINGTON PB 0 08/23/2 ISSUED FOR REVIEW BWG REV. DATE REVISION BY

Designed and Produced in NH

FAX: 603-772-0227

E-MAIL: JBE@JONESANDBEACH.COM

Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services

PO Box 219 Stratham, NH 03885

DRAWING No. SHEET 6 OF 2 JBE PROJECT NO. 20747

PROJECT PARCEL

TAX MAP 270, LOTS 2 & 3 TAX MAP 273 , LOT 49

ANTHONY & JANIS SERRA 44 MEADOWBROOK DRIVE

> BARRINGTON, NH BK 1236, PG 653 APPLICANT

18 BRUSH HILL ROAD

TOTAL LOT AREA 2,564,200+ SQ. FT.

58.87 + ACRES

APPROVED - BARRINGTON, NH

PLANNING BOARD

DATE:

OLD CONCORD TPKE

LOCUS SCALE: 1"=2000"

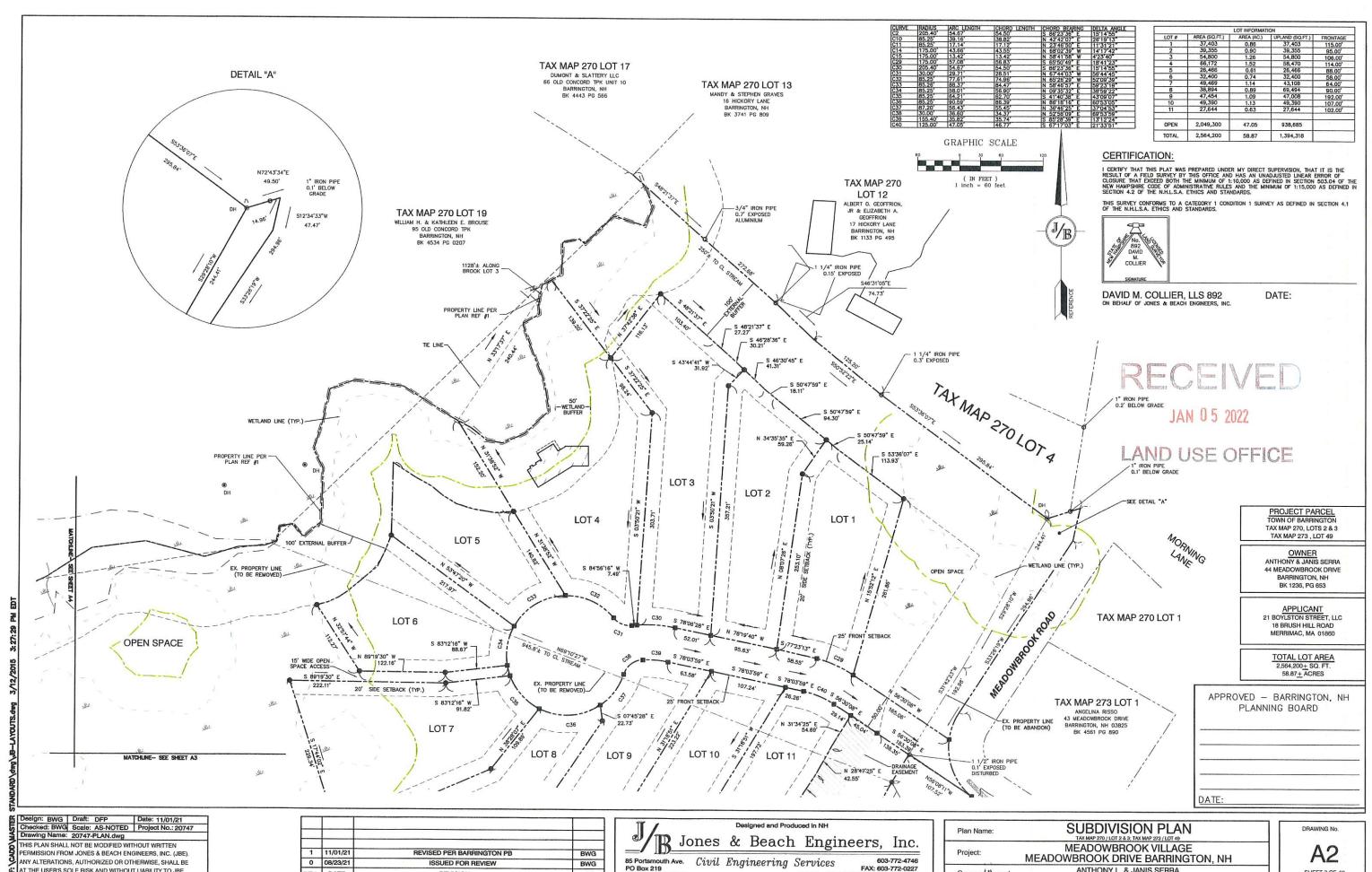
GRAPHIC SCALE

SUBDIVISION PLAN Plan Name: MEADOWBROOK VILLAGE MEADOWBROOK DRIVE BARRINGTON, NH ANTHONY L. & JANIS SERRA Owner of Record: 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653

LAND USE OFFICE

 $\mathbb{J}_{\mathbb{B}}$ 

Date: 11/01/21 esign: BWG | Draft: DFP Checked: BWG Scale: AS-NOTED Project No.: 20747 Drawing Name: 20747-PLAN.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.



ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE

AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

0 08/23/21

REV. DATE

ISSUED FOR REVIEW

BWG

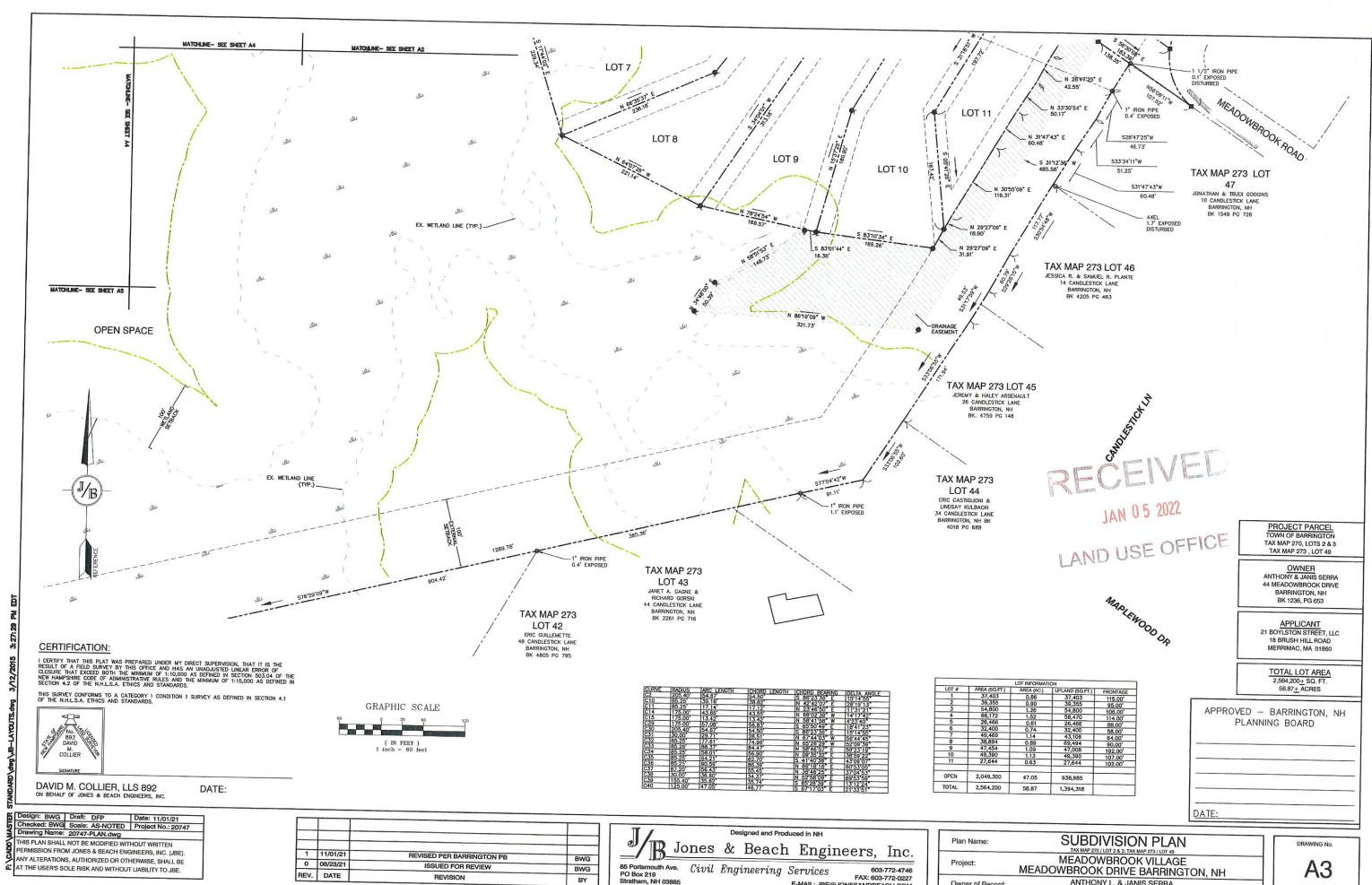
BY

SHEET 7 OF 20 JBE PROJECT NO. 20747

Owner of Record:

ANTHONY L. & JANIS SERRA
44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653

E-MAIL: JBE@JONESANDBEACH.COM



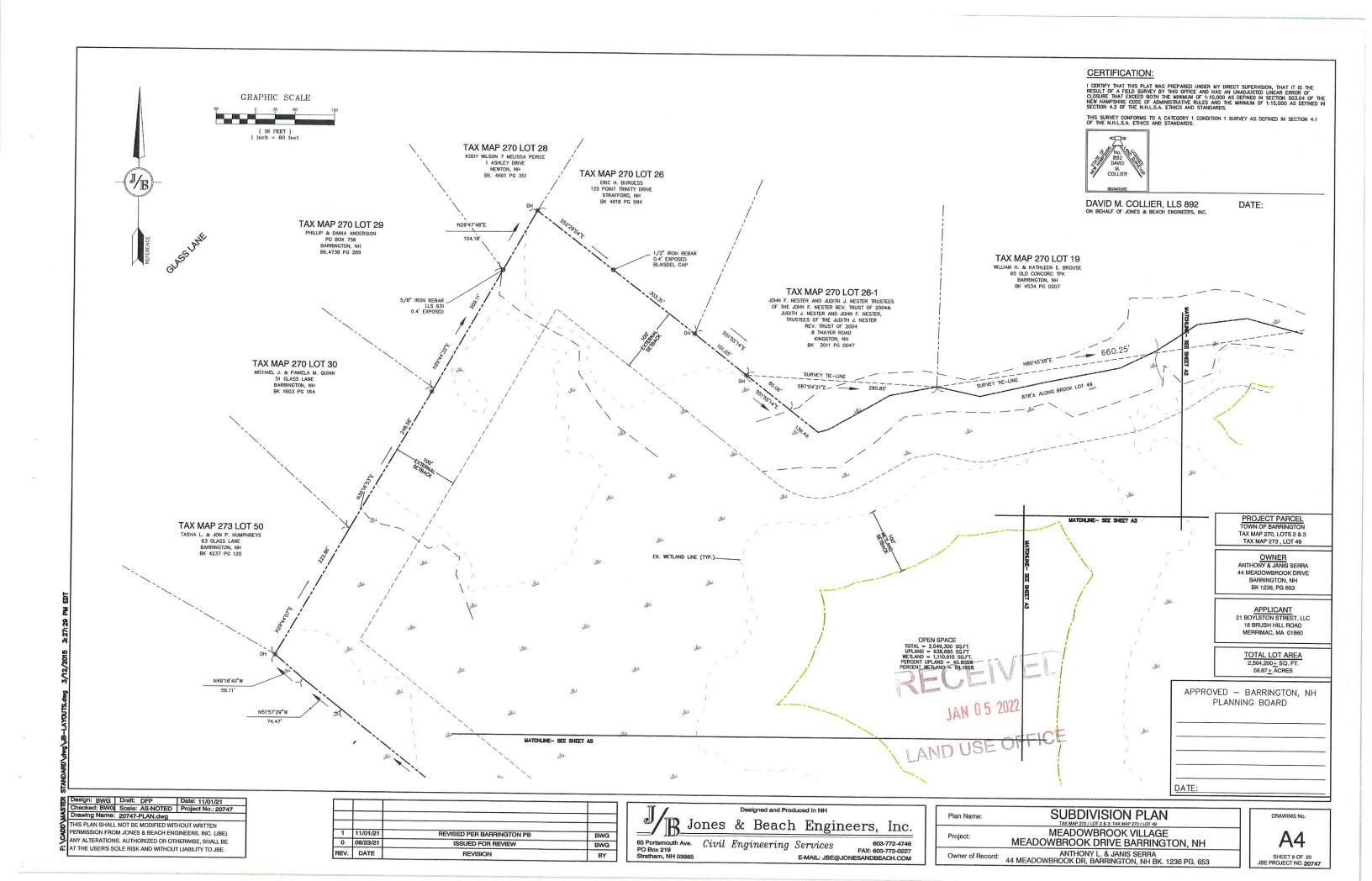
E-MAIL: JBE@JONESANDBEACH.COM

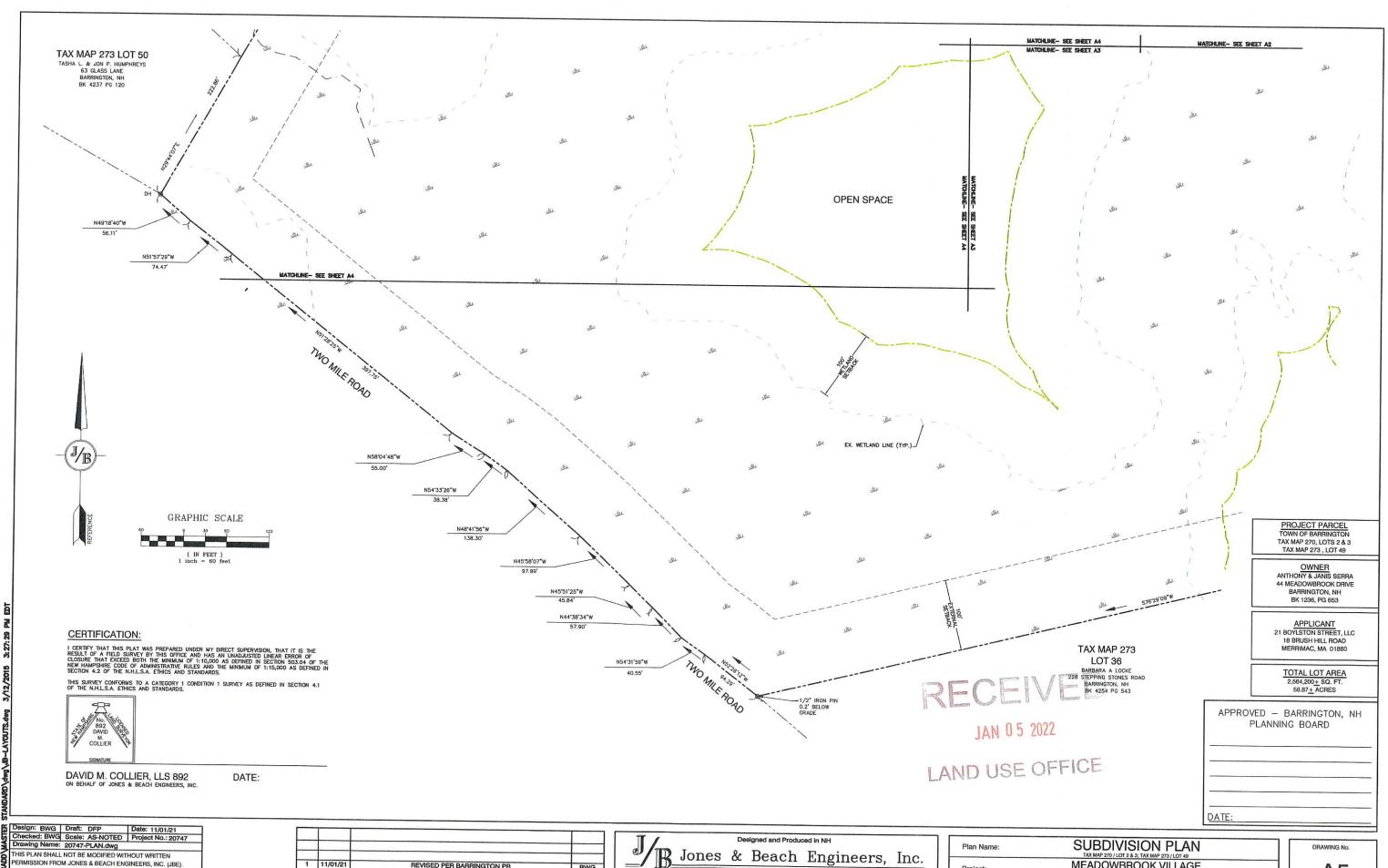
REVISION

BY

**A3** SHEET 8 OF 20 JBE PROJECT NO. 20747

ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653





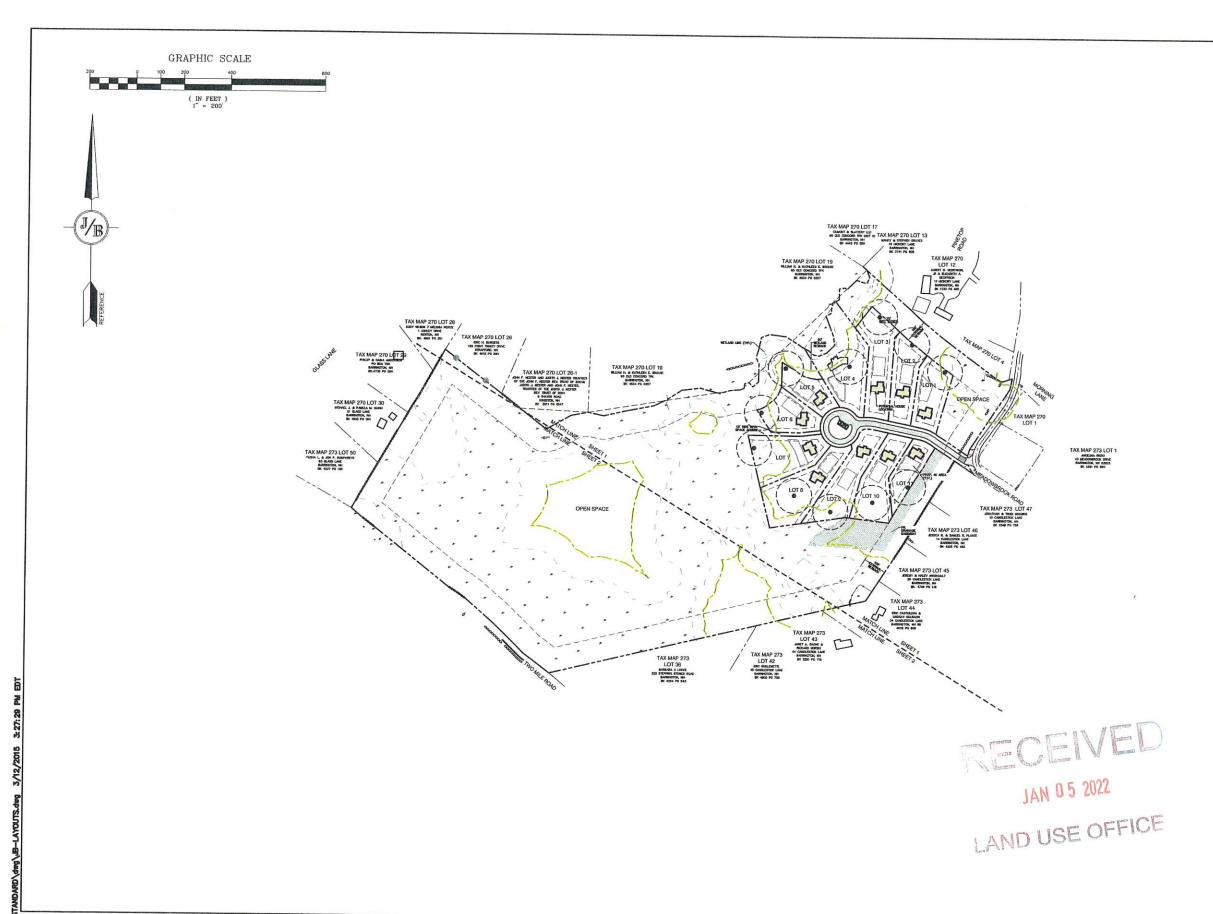
ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

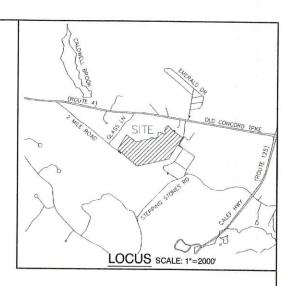
	REVISED PER BARRINGTON PB	11/01/21	1
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BW	ISSUED FOR REVIEW	08/23/21	0
BY	REVISION	DATE	REV.

Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services 603-772-4746 PO Box 219 Stratham, NH 03885 Services 603-772-4746 FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM

Plan Name:	SUBDIVISION PLAN TAX MAP 270 / LOT 2 & 3; TAX MAP 273 / LOT 49
Project:	MEADOWBROOK VILLAGE MEADOWBROOK DRIVE BARRINGTON, NH
Owner of Record:	ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653

**A5** SHEET 10 OF 20 JBE PROJECT NO. 20747





# SITE NOTES:

THE INTENT OF THIS PLAN IS TO SHOW THE OVERALL SUBDIVISION SITE PLAN OF DEVLIOPMENT FOR THE MAP 270/LOTS 2 & 3, AND MAP 273/LOT 49. ALL HOMES WILL BE SERVICED BY ON-SITE WELLS AND SEPTICE.

ZONING DISTRICT: GENERAL RESIDENTIAL (OPEN SPACE SUBDIVISION LOT AREA MINIMUM = 20,000 SF LOT FRONTAGE MINIMUM = N/A BUILDING SETBACKS (MINIMUM): FRONT SETBACK = 20' SIDE SETBACK = 20' REAR SETBACK = 20' LOT WIDTH = 75' WETLAND SETBACK = 50' EXTERNAL SETBACK = 100' EXTERNAL SETBACK = 100' MAX. BUILDING HEIGHT = 35'

3. OPEN SPACE CALCULATIONS:

TOTAL LOT AREA = 2,564,200 SF
OPEN SPACE REQUIRED = 50% OF TOTAL LOT AREA = 1,282,100 SF
OPEN SPACE REQUIREMENTS: 75% OF OPEN SPACE TO BE CONTINUOUS
OPEN SPACE REQUIREMENTS: 55% OF OPEN SPACE TO BE UPLAND
OPEN SPACE UPLAND REQUIRED = 1,024,650 SF (50% OF PROVIDED OPEN SPACE)

TOTAL OPEN SPACE PROVIDED=2,021,098 SF (78.820% OF TOTAL AREA)
TOTAL OPEN SPACE UPLAND PROVIDED= 912,025 SF (45.125% OF OPEN SPACE)
TOTAL OPEN SPACE WETLAND PROVIDED= 1,109,073 SF (54.875% OF OPEN SPACE)

- SHEETS AT THRU A5 TO BE RECORDED AT THE ROCKINGHAM REGISTRY OF DEEDS. FULL PLAN SET SHALL BE ON FILE AT TOWN OF BARRINGTON PLANNING OFFICE.
- THIS PLAN SET HAS BEEN PREPARED BY JONES & BEACH ENGINEERS, INC., FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA, OBTAINER FROM ON-STE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THE PRODUCTION CONTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER MIMEDIA. THE CONTRUCTION PROCESS. THE CONTRACTOR SHALL INFORM THE ENGINEER MIMEDIA. THE CONTRUCTION PROCESS. THE CONTRACTOR SHALL INFORM THE ENGINEER MIMEDIA. SHALL INFORM THE ENGINEER PLAN FLOW SHALL INFORMATION HE SHALL INFORMATION SHALL INFORMATION BETWEEN THESE ON THIS PLAN FLAN SET, OF BETWEEN THE PLANS AND ON-SITE CONDITIONS, MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED. CONTRACTOR TO ALWAYS CONTACT DIG SAFE PRIOR TO DIGGING ONSITE OR OFFSITE TO ENSURE SAFETY AND OBEY THE LAW.
- LANDOWNERS ARE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LOCAL STATE AND FEDERAL WETLAND REGULATIONS, INCLUDING PERMITTING REQUIRED UNDER THESE REGULATIONS.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER, ARCHITECT AND/OR OWNER, IN ORDER TO OBTAIN AND/OR PAY ALL THE INCESSARY LOCAL PERMITS, FEES AND BONDS.
- ALL SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND NHDOT STANDARDS AND SPECIFICATIONS (NON-REFLECTORIZED PAVEMENT MARKINGS), UNLESS OTHERMISE NOTED.
- ALL STOP BARS SHALL BE 18" IN WIDTH IN A COLOR OF WHITE; ALL TRAFFIC ARROWS SHALL BE PAINTED IN A COLOR OF WHITE.
- 12. A NOTICE OF INTENT TO EXCANATE IS REQUIRED TO BE FILED WITH THE BOARD OF SELECTMAN IF 1,000 CUBIC YARDS OF MATERIAL IS TO BE EXCAVATED ONSITE. A TAX OF \$0.02 PER YARD IS REQUIRED TO BE PAID ALONG WITH THE FILING FEE. A NOTICE OF INTENT TO CUIT SHOULD BE FILED FOR ANY TREE CLEARING ACTIVITY MOT PERSONAL USE WITH THE BOARD OF SELETIMAN. CONTACT MARY PINKHAM—LANGER AT (603) 271—8223, IF YOU HAVE ANY QUESTIONS.
- 13. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWNIGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REGULATIONS AT NO EXPENSE TO THE TOWN.
- 14. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CO

Design: BWG Draft: DFP Date: 11/01/21 Checked: BWG Scale: AS-NOTED Project No.: 20747 Drawing Name: 20747-PLAN.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.



2	12/23/21	REVISED PER TOWN REVIEW	BWG
1	11/01/21	REVISED PER BARRINGTON PB	BWG
0	08/23/21	ISSUED FOR REVIEW	BWG
REV.	DATE	REVISION	BY

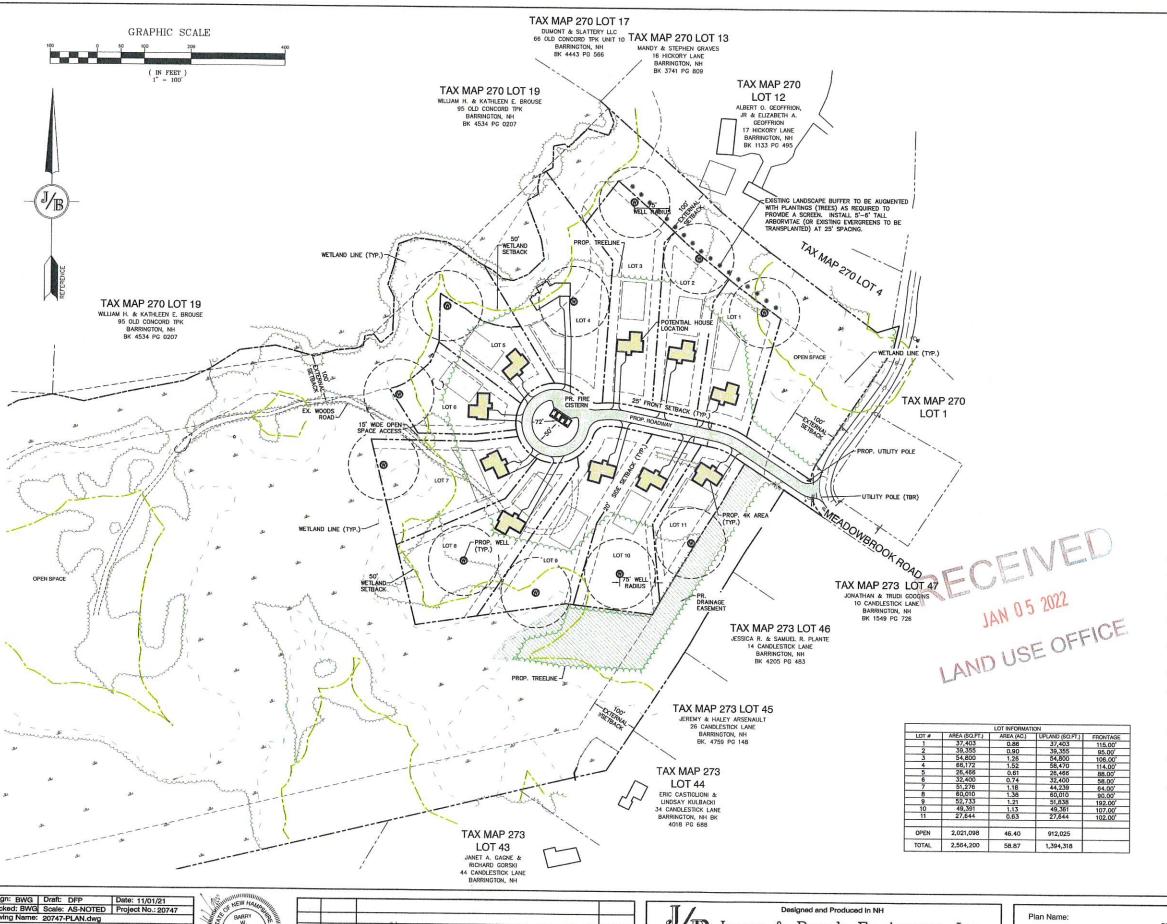
Designed and Produced in NH B Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services

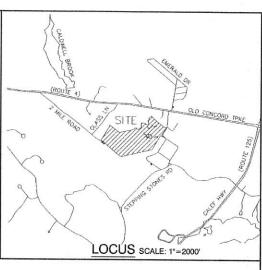
PO Box 219

FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM

**OVERALL SITE PLAN** Plan Name: MEADOWBROOK VILLAGE Project: MEADOWBROOK DRIVE BARRINGTON, NH ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653 Owner of Record:

DRAWING No. SHEET 11 OF 20 JBE PROJECT NO. 20747





# SITE NOTES:

THE INTENT OF THIS PLAN IS TO SHOW THE OVERALL SUBDIVISION SITE PLAN OF DEVELOPMENT FOR THE MAP 270/LOTS 2 & 3, AND MAP 273/LOT 49. ALL HOMES WILL BE SERVICED BY ON-SITE WELLS AND SEPTICS

ZONING DISTRICT: GENERAL RESIDENTIAL (OPEN SPACE SUBDIVISION)
LOT AREA MINIMUM = 20,000 ST
LOT FRONTAGE MINIMUM = N/A
BUILDING SETBACKS (UNIMIMUM):
FRONT SETBACK = 25' SIDE SETBACK = 20' REAR SETBACK = 20' LOT WIDTH = 75'
WETLAND SETBACK = 50 EXTERNAL SETBACK = 100' BUILDING HEIGHT = 35'

3. OPEN SPACE CALCULATIONS:

CALCULATIONS:

TOTAL LOT AREA = 2.564,200 SF

OPEN SPACE REQUIRED = 50% OF TOTAL LOT AREA = 1,282,100 SF

OPEN SPACE REQUIRENTS: 75% OF OPEN SPACE TO BE CONTINUOUS

>50% OF OPEN SPACE TO BE UPLAND

OPEN SPACE UPLAND REQUIRED = 1,024,650 SF (50% OF PROVIDED OPEN SPACE)

TOTAL OPEN SPACE PROVIDED=2,021,098 SF (78.820% OF TOTAL AREA)
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TOTAL OPEN SPACE WETLAND PROVIDED= 1,109,073 SF (54.875% OF OPEN SPACE)

- SHEETS A1 THRU A5 TO BE RECORDED AT THE ROCKINGHAM REGISTRY OF DEEDS. FULL PLAN SET SHALL BE ON FILE AT TOWN OF BARRINGTON PLANNING OFFICE.
- SHALL BE UN FILE AT TURN OF BARRINGTON FLANDING GETTIC.

  THIS PLAN SET HAS BEEN PREPARED BY JONES & BEACH ENGINEERS, INC., FOR MUNICIPAL AND STATE APPROVALS AND FOR CONSTRUCTION BASED ON DATA OBTAINED FROM ON-SITE FIELD SURVEY AND EXISTING MUNICIPAL RECORDS. THROUGHOUT THE CONSTRUCTION PROCESS, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCY FROM DATA AS SHOWN ON THE DESIGN PLANS, INCLUDING ANY UNFORESSEN CONDITIONS, SUBSURFACE OR OTHERWISE, FOR EVALUATION AND RECOMMENDATIONS. ANY CONTRADICTION BETWEEN THEM SON THIS PLANS /PLAN SET, OR BETWEEN THE PLANS AND ON-SITE CONDITIONS, MUST BE RESOLVED BEFORE RELATED CONSTRUCTION HAS BEEN INITIATED. CONTRACTOR TO ALWAYS CONTACT DIG SAFE PRIOR TO DIGGING ONSITE OR OFFSITE TO ENSURE SAFETY AND OBEY THE LAW.
- ALL CONSTRUCTION SHALL CONFORM TO TOWN STANDARDS AND REGULATIONS, AND NHDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, WHICHEVER IS MORE STRINGENT.
- ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (S.W.P.P.P.). THIS DOCUMENT IS TO BE KEPT ONSITE AT ALL TIMES AND UPDATED AS REQUIRED.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER ARCHITECT AND/OR OWNER, IN ORDER TO OBTAIN AND/OR PAY ALL THE NECESSARY LOCAL PERMITS, FEES AND BONDS.
- ALL SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND NHOOT STANDARDS AND SPECIFICATIONS (NON-REFLECTORIZED PAVEMENT MARKINGS), UNLESS OTHERWISE NOTED.
- ALL STOP BARS SHALL BE 18" IN WIDTH IN A COLOR OF WHITE; ALL TRAFFIC ARROWS SHALL BE PAINTED IN A COLOR OF WHITE.
- 12. A NOTICE OF INTENT TO EXCAVATE IS REQUIRED TO BE FILED WITH THE BOARD OF SELECTMAN IF 1,000 CUBIC YARDS OF MATERIAL IS TO BE EXCAVATED ONSITE. A TAX OF \$0.02 PER YARD IS REQUIRED TO BE PAID ALONG WITH THE FILING FEE. A NOTICE OF INTENT TO CUT SHOULD BE FILED FOR ANY TREE CLEARING ACTIVITY NOT FOR PERSONAL USE WITH THE BOARD OF SELECTMAN. CONTACT MARY PINKHAM—LANGER AT (603) 271—8223, IF YOU HAVE ANY QUESTIONS.
- IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWNGS, THE OWNER SHALL BE REQUIRED TO CORRECT THE DEFICIENCIES TO MEET THE REQUIREMENTS OF THE REQUILATIONS AT NO EXPENSE TO THE TOWN.
- 14. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED TO STOP ANY EROSION ON THE CONSTRUCTION SITE DUE TO ACTUAL SITE CONDITIONS, THE OWNER SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION AT NO EXPENSE TO THE TOWN.
- 15. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

Design: BWG | Draft: DFP Checked: BWG Scale: AS-NOTED Project No.: 20747
Drawing Name: 20747-PLAN.dwg THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE).

ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE

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l-suz-lei			
2	12/23/21	REVISED PER TOWN REVIEW	BWG
1	11/01/21	REVISED PER BARRINGTON PB	BWG
0	08/23/21	ISSUED FOR REVIEW	BWG
REV.	DATE	REVISION	BY

Jones & Beach Engineers, Inc.

85 Portsmouth Ave. Civil Engineering Services

E-MAIL: JBE@JONESANDBEACH.COM

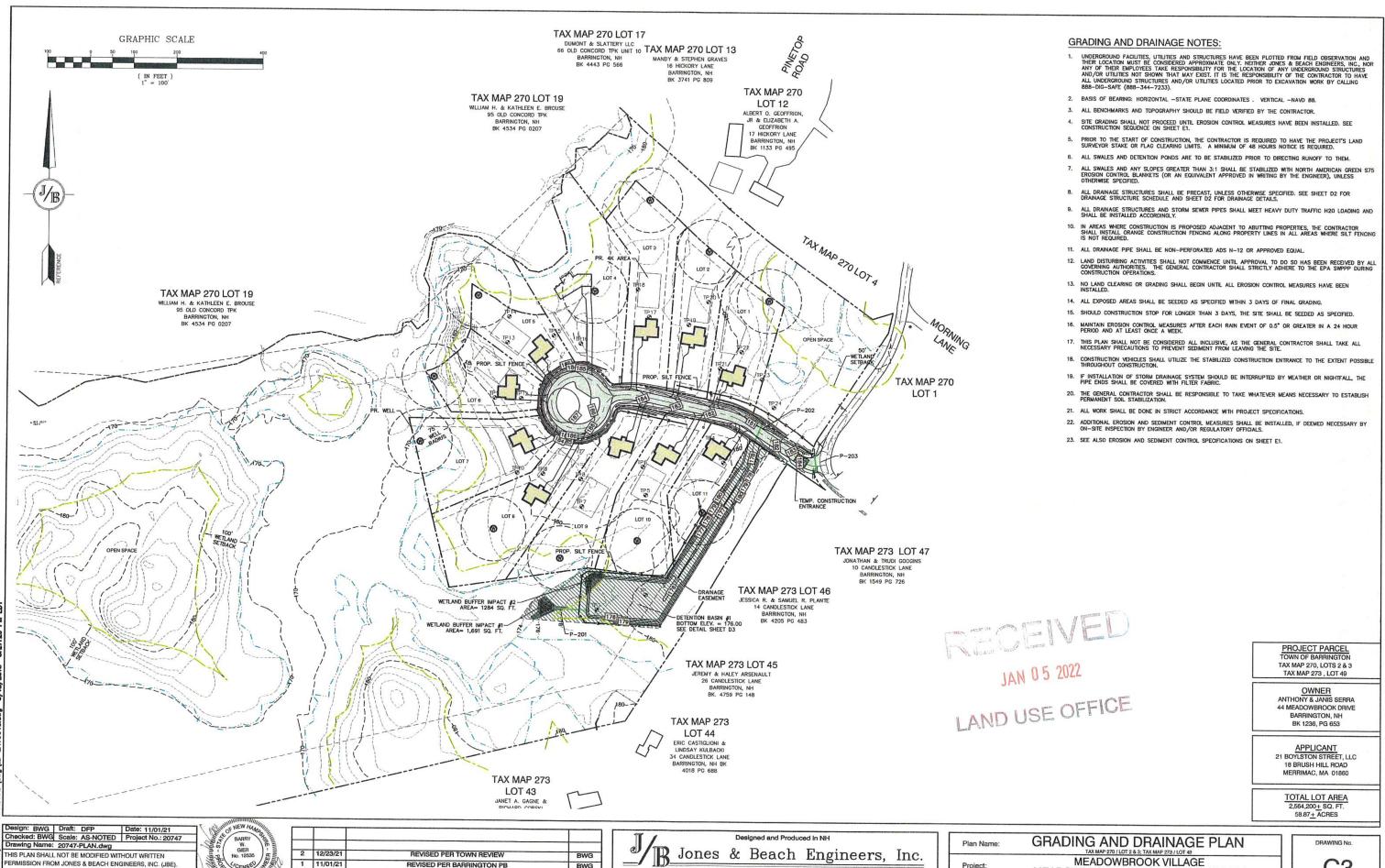
SITE PLAN

MEADOWBROOK VILLAGE Project: MEADOWBROOK DRIVE BARRINGTON, NH

C2A Owner of Record:

ANTHONY L. & JANIS SERRA

44 MEADOWBROOK DR, BARRINGTON, NH BK, 1236 PG, 653 SHEET 12 OF 20 JBE PROJECT NO. 20747



85 Portsmouth Ave. Civil Engineering Services

REVISED PER BARRINGTON PB

ISSUED FOR REVIEW

0 08/23/21

REV. DATE

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BWG

BWG

BY

PO Box 219

**C3** SHEET 13 OF 20 JBE PROJECT NO. 20747

Project:

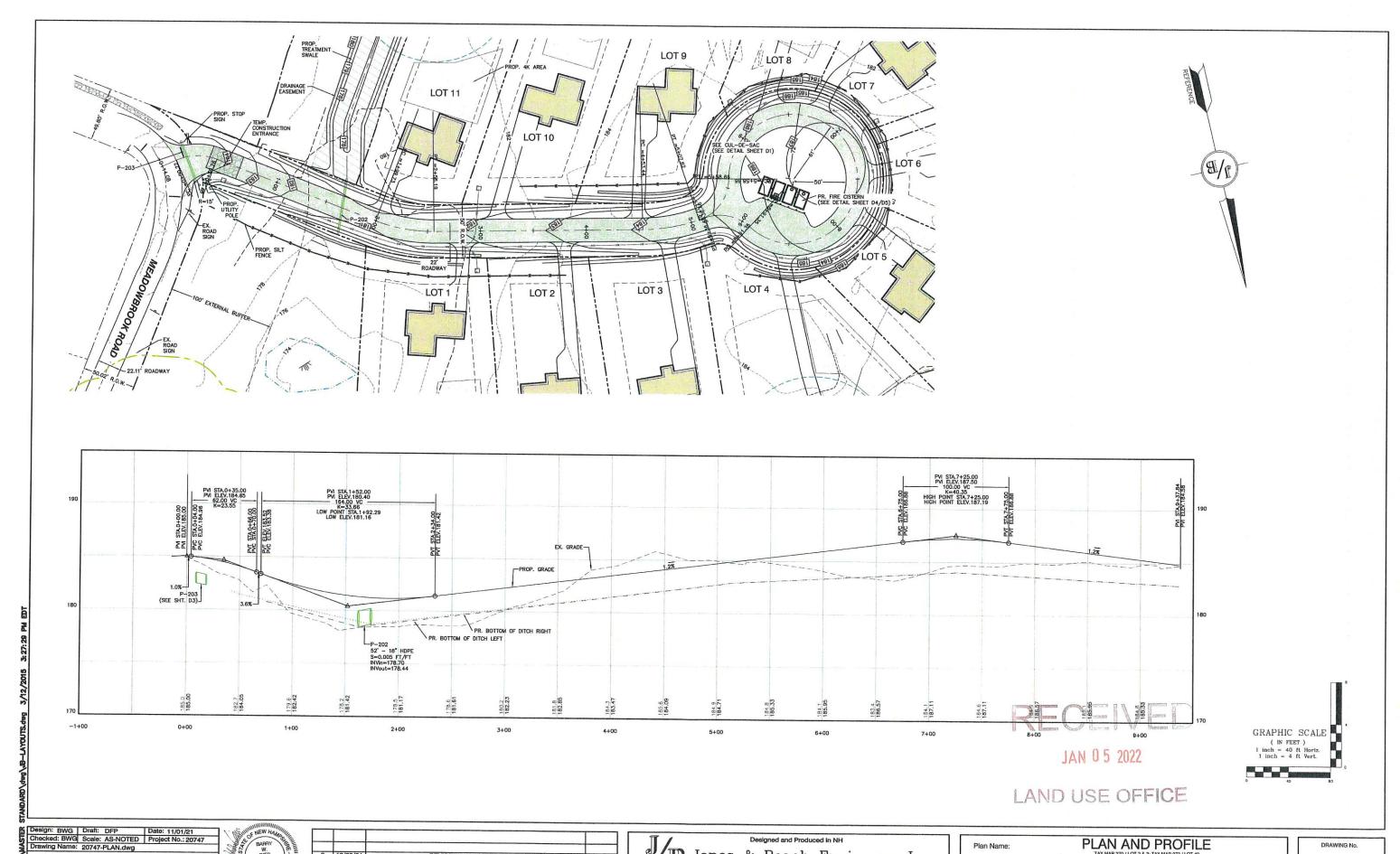
Owner of Record:

Services 603-772-4746 FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM

MEADOWBROOK DRIVE BARRINGTON, NH

ANTHONY L. & JANIS SERRA

44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653



2 12/23/21

1 11/01/21

0 08/23/21

REV. DATE

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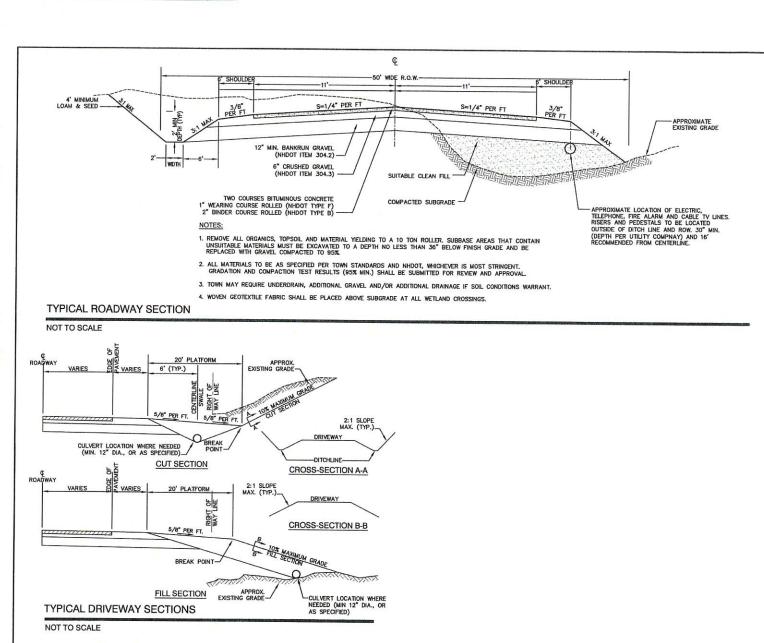
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REVISED PER BARRINGTON PB

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PRIMARY POWER 5" SCH. 80 PVC CABLE 7,200 VAC. OTHER POWER, TELEPHONE CATV, ETC., CABLES ARE NO CLOSER THAN 12"

NOTE: ALL UTILITIES SHALL BE REVIEWED AND APPROVED BY APPROPRIATE UTILITY COMPANY.

UTILITY TRENCH

DRAINAGE TRENCH

4" COMPACTED LOAM -

SUITABLE BACKFILL MATERIAL

NOT TO SCALE

NOTES:

Checked: BWG Scale: AS NOTED Project No.: 20747 rawing Name: 20747-PLAN.dwg HIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN ERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

OR D + 2 (WHICHEVER IS GREATER)

1. PAVEMENT REPAIR IN EXISTING ROADWAYS SHALL CONFORM TO STREET OPENING REGULATIONS. 2. NEW ROADWAY CONSTRUCTION SHALL CONFORM WITH PROJECT AND TOWN SPECIFICATIONS.

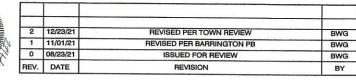
3. ALL MATERIALS ARE TO BE COMPACTED TO 95% OF ASTM D-1557.

LOAM AREA | PAVED AREA

SEE NOTES 1 AND 2

(NHDOT 304.2)

-PAVEMENT

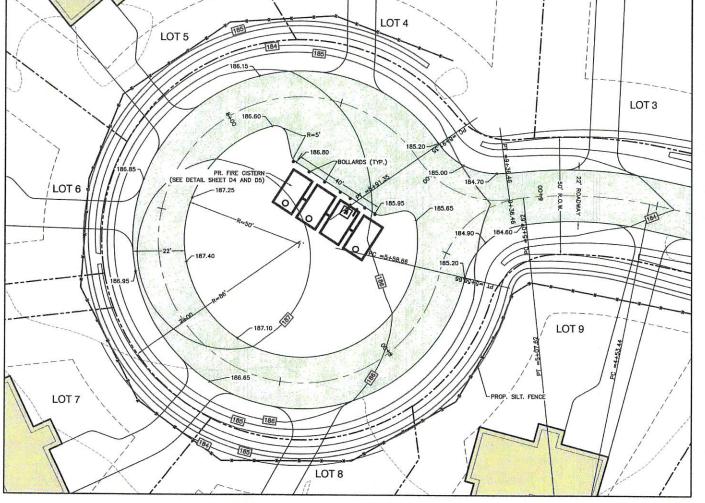


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PO Box 219 FAX: 603-772-0227 E-MAIL: JBE@JONESANDBEACH.COM Stratham, NH 03885

DETAIL SHEET Plan Name: AX MAP 270 / LOT 2 & 3; TAX MAP 273 / LOT MEADOWBROOK VILLAGE Project: MEADOWBROOK DRIVE BARRINGTON, NH ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653 Owner of Record:

DRAWING No. SHEET 15 OF 20 JBE PROJECT NO. 20747



CUL-DE-SAC DETAIL

SCALE: 1" = 20'

Remarks C Francis C Franci

JAN 05 2022

LAND USE OFFICE

NOT TO SCALE

MAP 270 OT 2 6,500 SF .3788 AC EX. LEFT TURN SIGN (WI-1) OPEN SPACE PROP. "STOP AHEAD" -SIGN (W3-1) TAX MAP 273 LOT 1 ANGELINA RISSO
43 MEADOWBROOK
DRIVE
BARRINGTON, NH
03825
BK 4561 PG 890 PROP. STOP BAR EX. UTILTIY POLE (TBR)\_ PROP. STOP SIGN (R1-1) PROP. "NO OUTLET" SIGN (W14-2) PROP. "STOP AHEAD" -SIGN (W3-1) LAND USE OFFICE ROAD ENTRANCE DETAIL SCALE: 1" = 20'

Design: BWG Draft: DFP Date: 11/01/21
Checked: BWG Scale: AS NOTED Project No.: 20747
Drawing Name: 20747-PLAN.dwg
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BARRY NEW HAMBOUT NEW HOLES

BWG	REVISED PER TOWN REVIEW	12/23/21	2
BWG	REVISED PER BARRINGTON PB	11/01/21	1
BWG	ISSUED FOR REVIEW	08/23/21	0
BY	REVISION	DATE	REV.

Designed and Produced in NH

Jones & Beach Engineers, Inc.

85 Portsmouth Ave. Civil Engineering Services
PO Box 219
Stratham, NH 03885

Designed and Produced in NH

Engineers, Inc.

603-772-4746
FAX: 603-772-0227
E-MAIL: JBE@JONESANDBEACH.COM

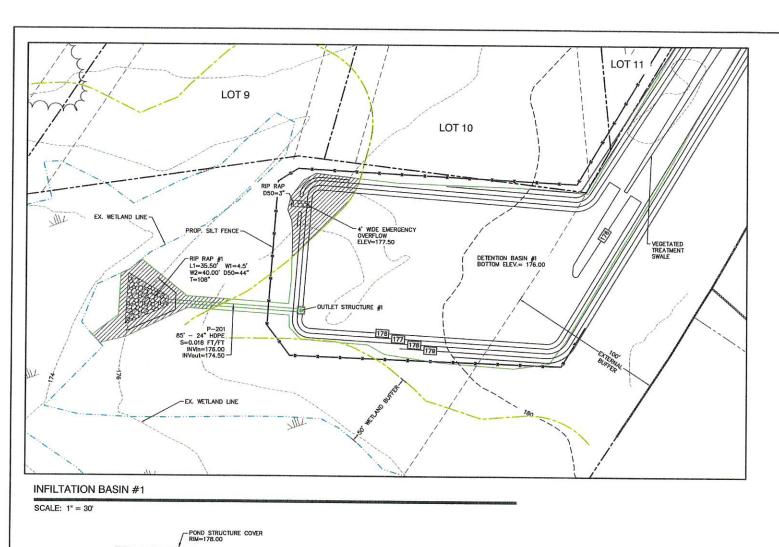
Plan Name:	DETAIL SHEET TAX MAP 270 / LOT 2 & 3; TAX MAP 273 / LOT 49
Project:	MEADOWBROOK VILLAGE MEADOWBROOK DRIVE BARRINGTON, NH
Owner of Record:	ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653

DRAWING No.

D2

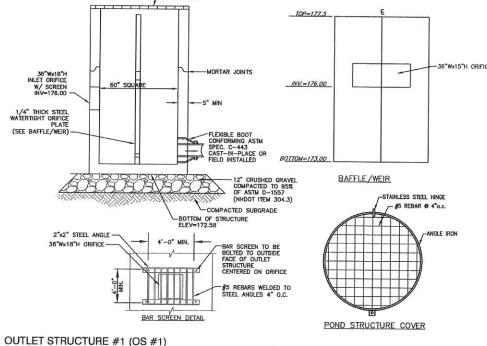
SHEET 16 OF 20

JBE PROJECT NO. 20747

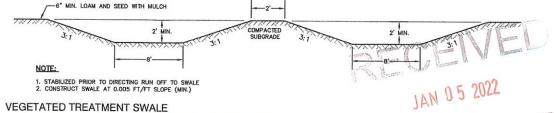


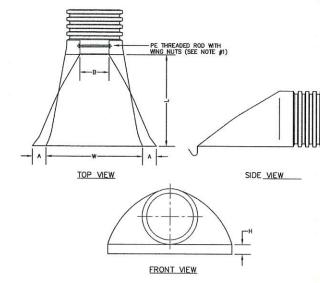
POND STRUCTURE COVER ELEV. = 178.00 WATERTIGHT ORIFICE (SEE DETAIL) PROP. BERM ELEV. = 178.00 EMERG. OVERFLOW 36" ORIFICE -WITH TRASH RACK ELEV.=176.00 POND BOTTOM =176.00 -BOTTOM ELEV=172.58 **DETENTION BASIN #1** 

NOT TO SCALE



NOT TO SCALE





PART NO.	PIPE SIZE	A	B (MAX)	н	L	W
1210-NP	12"	6.5"	10"	6.5"	25"	29"
1510-NP	15"	6.5"	10"	6.5"	25"	29"
1810-NP	18"	7.5*	15"	6.5"	32"	35"
2410-NP	24"	7.5"	18"	6.5"	36"	45"
3010-NP	30"	10.5"	N/A	7.0"	53"	68"
3610-NP	36"	10.5"	N/A	7.0"	53"	68"

- PE THREADED ROD WITH WING NUTS PROVIDED FOR END SECTIONS 12"-24".
   30" AND 36" END SECTIONS TO BE WELDED PER MANUFACTURER'S RECOMMENDATIONS.
- 2. ALL DIMENSIONS ARE NOMINAL.

ADS N-12 FLARED END SECTION

NOT TO SCALE

Design: BWG Draft: DFP Date: 11/01/21	WHITE NEW HAVE				
Checked: BWG Scale: AS NOTED Project No.: 20747	BARRY				
Drawing Name: 20747-PLAN.dwg	36/ W. \HE				
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN	GIER I'E	2	12/23/21	REVISED PER TOWN REVIEW	BWG
PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE).	No. 12535	1	11/01/21	REVISED PER BARRINGTON PB	BWG
ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE	SONAL ENGINEEN	0	08/23/21	ISSUED FOR REVIEW	BWG
AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.	1 0 minimum 14	REV	DATE	REVISION	BV

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B Jo	nes	&	Beach	n Engi	neers,	Inc.
85 Portsmouth Ave. PO Box 219				Services	603 FAX: 603	-772-4746 -772-0227
Stratham, NH 03885				E-MAIL: JBE@	JONESANDBE	ACH.COM

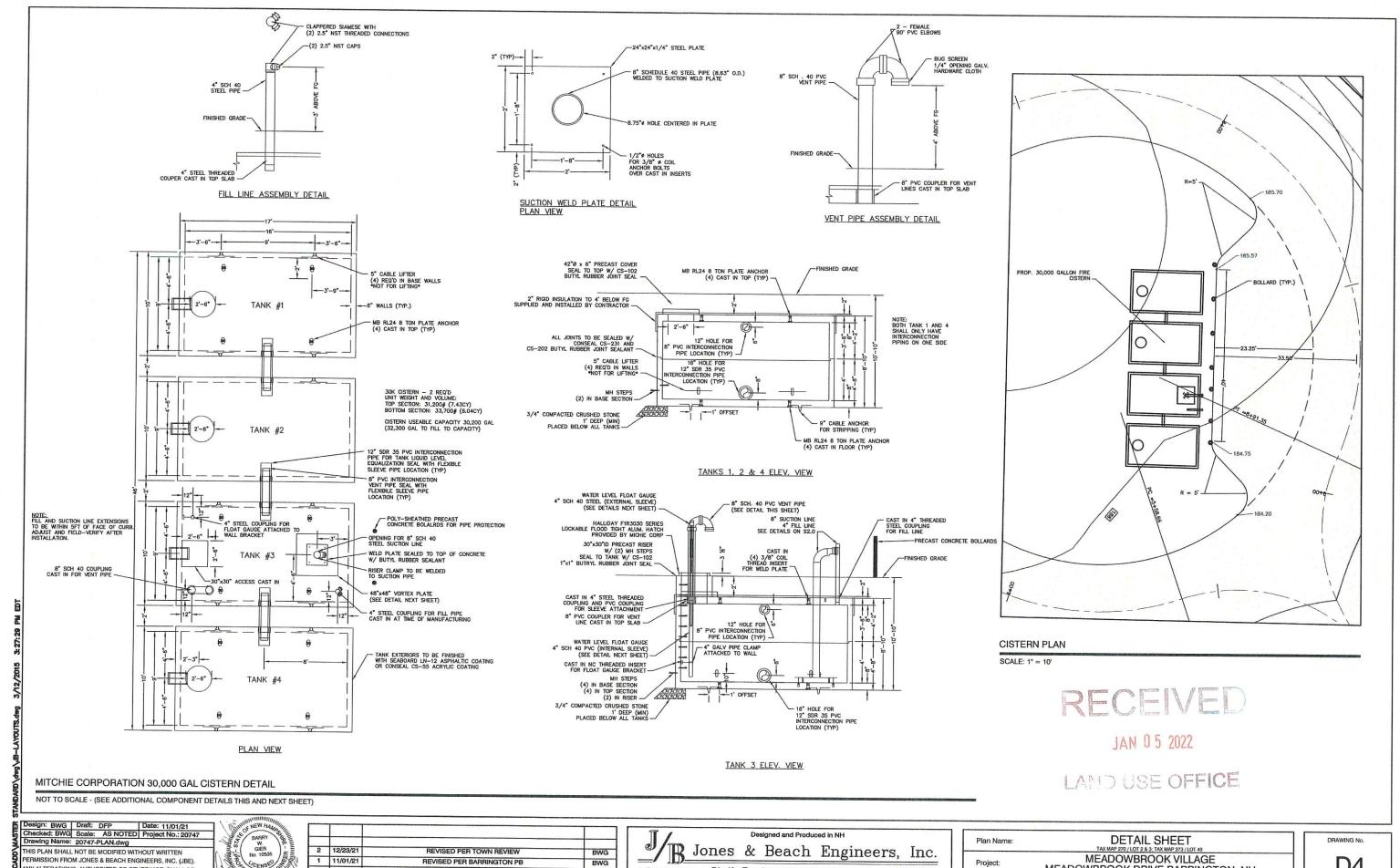
NOT TO SCALE

BY

Plan Name:	DETAIL SHEET TAX MAP 270 / LOT 2 & 3; TAX MAP 273 / LOT 49	7 [
Project:	MEADOWBROOK VILLAGE MEADOWBROOK DRIVE BARRINGTON, NH	11
Owner of Record:	ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653	11

SHEET 17 OF 20 JBE PROJECT NO. 20747

DRAWING No.



85 Portsmouth Ave. Civil Engineering Services

FAX: 603-772-0227

E-MAIL: JBE@JONESANDBEACH.COM

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0 08/23/21

REV. DATE

ISSUED FOR REVIEW

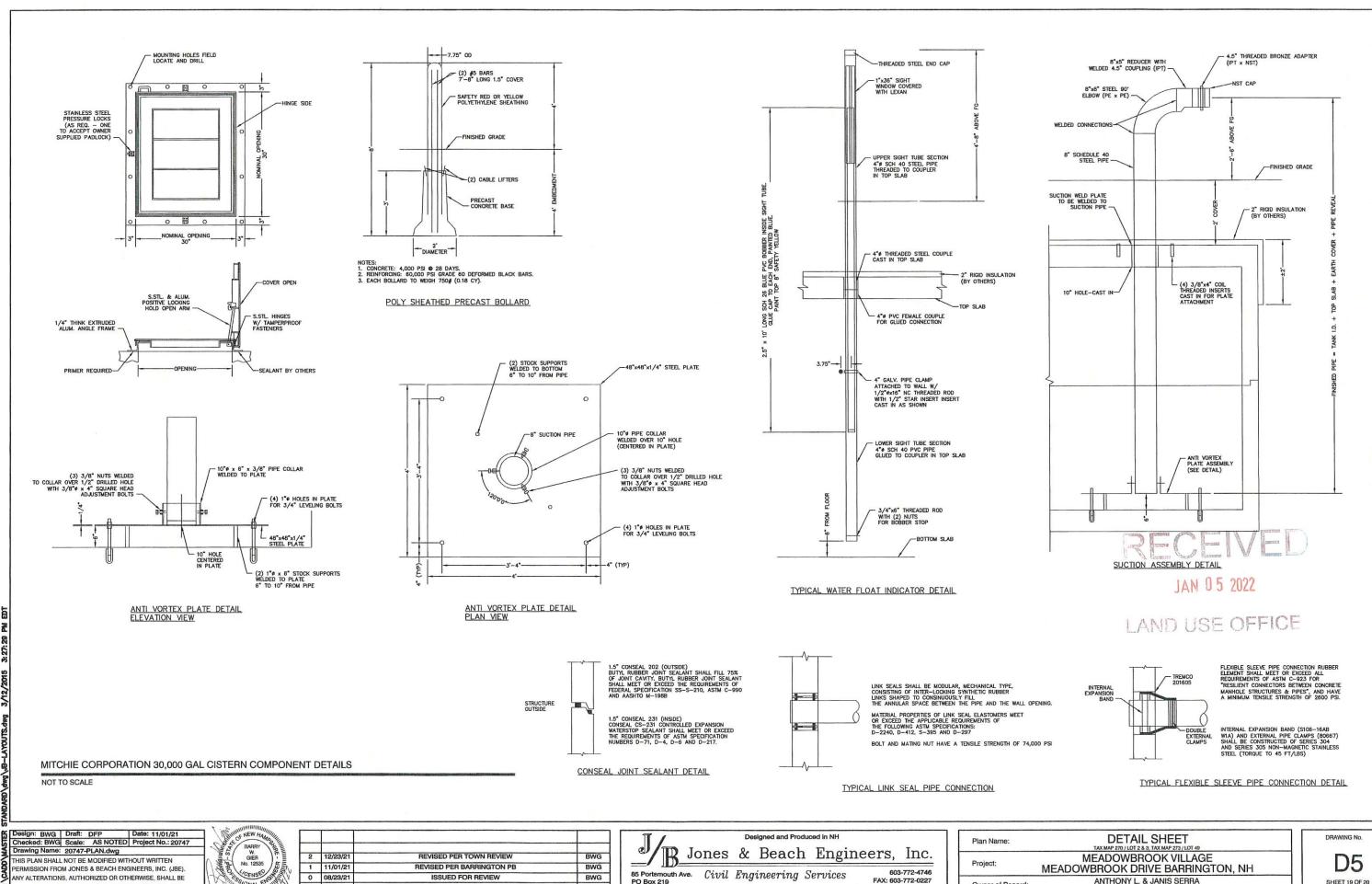
REVISION

BWG

BY

PO Box 219 Stratham, NH 03885

**D4** MEADOWBROOK DRIVE BARRINGTON, NH Owner of Record: ANTHONY L. & JANIS SERRA
44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653 SHEET 18 OF 20



PO Box 219

Stratham, NH 03885

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0	08/23/21	ISSUED FOR REVIEW	BWG
REV.	DATE	REVISION	BY

Jones Jones 85 Portsmouth Ave. Civi

	Designed and Produced in NH	Plan Name:	DETAIL SHEET	
	O. Dooch Engineers Inc	1.0.5102.70.510.0.5700	TAX MAP 270 / LOT 2 & 3; TAX MAP 273 / LOT 49	_
25	& Beach Engineers, Inc.		MEADOWBROOK VILLAGE	
.,	Em gim comin g Comui cos 603-772-4746	Project:	MEADOWBROOK DRIVE BARRINGTON, NH	
vu	Engineering Services 603-772-4746 FAX: 603-772-0227		ANTHONY L. & JANIS SERRA	7
	E-MAIL: JBE@JONESANDBEACH.COM	Owner of Record:	44 MEADOWBROOK DR. BARRINGTON, NH BK. 1236 PG. 653	- 1

**D5** SHEET 19 OF 20 JBE PROJECT NO. 20747

- TEMPORARY EROSION CONTROL NOTES

  1. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME. AT NO TIME SHALL AN AREA IN EXCESS OF 5 ACRES BE EXPOSED AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED.
- Erosion, sediment and detention measures shall be installed as shown on the plans and at locations as required, directed by the engineer.
- ALL DISTURBED AREAS (INCLUDING POND AREAS BELOW THE PROPOSED WATERLINE) SHALL BE RETURNED TO PROPOSED GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 8" OF SCREENED ORGANIC LOAM AND SEEDED WITH SEED MIXTURE 'C' AT A RATE NOT LESS THAN 1.10 POUNDS OF SEED PER 1,000 S.F. OF AREA (48 LBS. / ACRE).
- SILT FENCES AND OTHER BARRIERS SHALL BE INSPECTED EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5° OR GREATER. ALL DAMAGED AREAS SHALL BE REPAIRED, AND SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED.
- AREAS MUST BE SEEDED AND MULCHED OR OTHERWISE PERMANENTLY STABILIZED WITHIN 3 DAYS OF FINAL GRADING, OR TEMPORARILY STABILIZED WITHIN 14 DAYS OF THE INITIAL DISTURBANCE OF SOIL ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.
- ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING NORTH AMERICAN GREEN 575 EROSION CONTROL BLANKETS (OR AN EQUIVALENT APPROVED IN WRITING BY THE ENGINEER) ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEI 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 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- AFTER OCTOBER 15th, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF  $3^{\circ}$  OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:

  - c. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED; OR
  - d. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- FUGITIVE DUST CONTROL IS REQUIRED TO BE CONTROLLED IN ACCORDANCE WITH ENV-A 1000, AND THE PROJECT IS TO MEET THE REQUIREMENTS AND INTENT OF RSA 430:53 AND AGR 3800 RELATIVE TO INVASIVE SPECIES.
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR'S NAME, ADDRESS, AND PHONE NUMBER SHALL BE SUBMITTED TO DES VIA EMAIL (SEE BELOW).
- PRIOR TO CONSTRUCTION, A PHASING PLAN THAT DELINEATES EACH PHASE OF THE PROJECT SHALL BE SUBMITTED. ALL TEMPORARY SEDIMENT BASINS THAT WILL BE NEEDED FOR DEWATERING WORK AREAS SHALL BE LOCATED AND IDENTIFED ON THIS PLAN.
- IN ORDER TO ENSURE THE STABILITY OF THE SITE AND EFFECTIVE IMPLEMENTATION OF THE SEDIMENT AND EROSION CONTROL MEASURES SPECIFIED IN THE PLANS FOR THE DURATION OF CONSTRUCTION, THE CONTRACTOR SHALL BE IN STRICT COMPLIANCE WITH THE FOLLOWING INSPECTION AND MAINTENANCE REQUIREMENTS IN ADDITION TO THOSE CALLED FOR IN THE SWPPP:
  - A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL OR A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW HAMPSHIRE ("MONITOR") SHALL BE EMPLOYED TO INSPECT THE SITE FROM THE START OF ALTERATION OF TERRAIN ACTIVITIES UNTIL THE SITE IS IN FULL COMPLIANCE.
  - b. DURING THIS PERIOD, THE MONITOR SHALL INSPECT THE SUBJECT SITE AT LEAST ONCE A WEEK, AND IF POSSIBLE, DURING ANY ¼ INCH OR GREATER RAIN EVENT (I.E. ¼ INCH OF PRECIPITATION OR MORE WITHIN A 24 HOUR PERIOD). IF UNABLE TO BE PRESENT DURING SUCH A STORM, THE MONITOR SHALL INSPECT THE SITE WITHIN 24 HOURS OF THIS EVENT.
  - c. THE MONITOR SHALL PROVIDE TECHNICAL ASSISTANCE AND RECOMMENDATIONS TO THE CONTRACTOR ON THE APPROPRIATE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROLS REQUIRED TO MEET THE REQUIREMENTS OF RSA 485 A:17 AND ALL APPLICABLE DES PERMIT CONDITIONS.

# -2.5' (MIN)

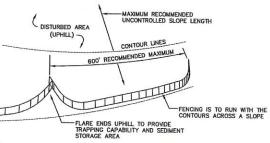
### NOTES:

- 1. ORGANIC FILTER BERMS MAY BE UTILIZED IN LIEU OF SILT FENCE, UNLESS OTHERWISE SPECIFIED.
- THE EROSION CONTROL MIX USED IN THE FILTER BERMS SHALL BE A WELL—GRADED MIXTURE OF PARTICLE SIZES, MAY CONTAIN ROCKS LESS THAN 4" IN DIAMETER, STUMP GRINDINGS, SHEDDED OR COMPOSTED BARK, OR ACCEPTABLE MANUFACTURED PRODUCTS, AND SHALL BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH, AND SHALL MEET THE FOLLOWING STANDARDS:
- a) THE ORGANIC CONTENT SHALL BE 80-100% OF DRY WEIGHT.
   b) PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6" SCREEN, AND 70-85% PASSING A 0.75" SCREEN.
   c) THE ORGANIC PORTION SHALL BE FIBROUS AND ELONGATED.
   d) LARGE PORTIONS OF SILTS, CLAYS, OR FINE SANDS SHALL NOT BE INCLUDED IN THE MIXTURE.

- e) SOLUBLE SALTS CONTENT SHALL BE >4.0mmhos/cm.
  f) THE pH SHALL BE BETWEEN 5.0 AND 8.0.
- ORGANIC FILTER BERNS SHALL BE INSTALLED ALONG A RELATIVELY LEVEL CONTOUR. IT MAY BE NECESSARY TO CUT TALL GRASSES OR WOODY VEGETATION TO AVOID CREATING VOIDS AND BRIDGES THAT WOOLD ENABLE FINES TO WASH UNDER THE BERN.
- 4. ON SLOPES LESS THAN 5%, OR AT THE BOTTOM OF SLOPES STEEPER THAN 3:1, UP TO 20' LONG, THE BERM SHALL BE A MINIMUM OF 12' HIGH (AS MEASURED ON THE UPHILL SIDE), AND A MINIMUM OF 36" WIDE. ON LONGER OR STEEPER SLOPES, THE BERM SHALL BE WIDER TO ACCOMMODATE THE POTENTIAL ADDITIONAL RUNOFF.
- 5. FROZEN GROUND, OUTCROPS OF BEDROCK, AND VERY ROOTED FORESTED AREAS PRESENT THE MOST PRACTICAL AND EFFECTIVE LOCATIONS FOR GRGANIC FILTER BERNIS. OTHER BIP'S SHOULD BE USED AT LOW POINTS OF CONCENTRATIDE RUNDET, BELOW CULVERT OUTLET APRONS, ARQUIND CATCH BASINS, AND AT THE BOTTOM OF STEEP PERIMETER SLOPES THAT HAVE A LARGE CONTRIBILITIME, APPA
- SEDIMENT SHALL BE REMOVED FROM BEHIND THE STRUCTURES WHEN IT HAS ACCUMULATED TO ONE HALF THE ORIGINAL HEIGHT OF THE STRUCTURE.
- 7. STRUCTURES MAY BE LEFT IN PLACE ONCE THE SITE IS STABILIZED.

## ORGANIC FILTER BERM

# NOT TO SCALE



SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND REVEGETATED.

AREA OF EMBANKMENT CONSTRUCTION OR ANY DISTURBED AREA TO BE STABILIZED (UPHILL)-

. WOVEN FABRIC FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP, WID AND BOTTOM AND EMBEDDED IN THE GROUND A MINIMUM OF 8" AND THEN COVERED WITH SOIL.

48" HARDWOOD POST-

THE FENCE POSTS SHALL BE A MINIMUM OF 48" LONG, SPACED A MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.

EXISTING GRADE

- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE OVERLAPPED 6", FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY—PASSING.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED AND PROPERLY DISPOSED OF WHEN IT IS 6" DEEP OR VISIBLE 'BULGES' DEVELOP IN THE SILT FENCE.
- 5. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE
- 6. SILT FENCE SHALL REMAIN IN PLACE FOR 24 MONTHS.

# SILT FENCE

NOT TO SCALE

GEOTEXTILE FENCE WITH PROPEX—SILT STOP SEDIMENT CONTROL FABRIC OR APPROVED EQUAL

- . SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE DONE IMMEDIATELY.
- 3. 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.

# SEEDING SPECIFICATIONS

- SRADING AND SHAPING
   A. SLOPES SHALL NOT BE STEEPER THAN 2:1 WITHOUT APPROPRIATE EROSION CONTROL MEASURES AS SPECIFIED ON THE PLANS (3:1 SLOPES OR FLATTER ARE PREFERRED).
   B. WHERE MOWING WILL BE DONE, 3:1 SLOPES OR FLATTER ARE RECOMMENDED.

- SEEDBED PREPARATION
   A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
   B. STONES LARGER THAN 4 NICHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT 4 INCHES TO PREPARE A SEEDBED AND FERTILIZER AND LIME MIXED INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

- 3. ESTABLISHING A STAND.

  A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. TYPES AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON AN EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:
  - APPLIED:
    AGRICULTURAL LIMESTONE, 2 TONS PER ACRE OR 100 LBS. PER 1,000 SQ.FT.

  - AGRICULTURAL DIRECTORS, 2 (1015) PER ACIE DR 1.1 LBS. PER 1,000 SQ.FT.

    NITROGEN(N), 50 LBS. PER ACRE OR 1.1 LBS. PER 1,000 SQ.FT.

    PHOSPHATE(P205), 100 LBS. PER ACRE OR 2.2 LBS. PER 1,000 SQ.FT.

    POTASH(K20), 100 LBS. PER ACRE OR 2.2 LBS. PER 1,000 SQ.FT.

    (NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 10–20–20 FERTILIZER OR 1,000 LBS. PER
- ACRE OF 5-10-10.)

  8. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH .25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.
- .2.2 INCH OF SOLL OR LESS, BY CULTIFACKING OR RAKING.

  REFER TO THE 'SEEDING GUIDE' AND 'SEEDING RATES' TABLES ON THIS SHEET FOR APPROPRIATE SEED MIXTURES AND RATES OF SEEDING. ALL LEGUMES (CROWNETCH, BIRDSFOOT, TREFOIL AND FLATFEA) MUST BE INCOLLATED WITH THEIR SPECIFIC INCOLLANT PRIOR TO THEIR INTRODUCTION TO THE SITE.

  D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20th OR FROM AUGUST 10th TO SEPTEMBER 1st.

MULCH
 A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.
 B. MULCH WILL BE HELD IN PLACE USING APPROPRIATE TECHNIQUES FROM THE BEST MANAGEMENT PRACTICE FOR MULCHING. HAY OR STRAW MULCH SHALL BE PLACED AT A RATE OF 90 LBS PER 1000 S.F.

- 5. MAINTENANCE TO ESTABLISH A STAND

  A. PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED ORDERS.
- GROWTH.

  B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME FULLY ESTABLISHED.
- C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, ANNUAL MOMING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

USE	SEEDING MIXTURE 1/	DROUGHTY	WELL DRAINED	MODERATELY WELL DRAINED	POORLY DRAINED
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A B C	FAIR POOR POOR	GOOD GOOD	GOOD FAIR EXCELLENT	FAIR FAIR GOOD
	D	FAIR	EXCELLENT	EXCELLENT	POOR
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER.	Ć Č	GOOD GOOD	GOOD EXCELLENT	GOOD EXCELLENT	FAIR FAIR
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS, AND LOW INTENSITY USE RECREATION SITES.	A B C	GOOD GOOD GOOD	GOOD GOOD EXCELLENT	GOOD FAIR EXCELLENT	FAIR POOR FAIR
PLAY AREAS AND ATHLETIC FIELDS. (TOPSOIL IS ESSENTIAL FOR GOOD TURF.)	E F	FAIR FAIR	EXCELLENT EXCELLENT	EXCELLENT EXCELLENT	2/2/

GRAVEL PIT, SEE NH-PM-24 IN APPENDIX FOR RECOMMENDATION REGARDING RECLAMATION OF SAND AND GRAVEL PITS.

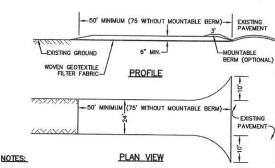
 $1/\!\!\!/$  Refer to seeding mixtures and rates in Table Below.  $2/\!\!\!/$  Poorly drained soils are not desirable for use as playing area and athletic fields.

NOTE: TEMPORARY SEED MIX FOR STABILIZATION OF TURF SHALL BE WINTER RYE OR OATS AT A RATE OF 2.5 LBS. PER 1000 S.F. AND SHALL BE PLACED PRIOR TO OCTOBER 15th, IF PERMANENT SEEDING NOT YET COMBILET.

# SEEDING GUIDE

MIXTURE	POUNDS PER_ACRE	POUNDS PER 1.000 Sq. Ft			
A. TALL FESCUE	20	0.45			
CREEPING RED FESCUE	20	0.45			
RED_TOP	_2_	0.05			
TOTAL	42	0.95			
B. TALL FESCUE	15	0.35			
CREEPING RED FESCUE	10	0.25			
CROWN VETCH OR	15	0.35			
FLAT PEA	30	0.75			
TOTAL	40 OR 55	0.95 OR 1.35			
C. TALL FESCUE	20	0.45			
CREEPING RED FESCUE	20	0.45			
BIRDS FOOT TREFOIL	_8_	0.20			
TOTAL	48	1.10			
D. TALL FESCUE	20	0.45			
FLAT PEA	30	0.75			
TOTAL	<u>30</u> 50	1.20			
E. CREEPING RED FESCUE 1/	50	1.15			
KENTUCKY BLUEGRASS 1/	50	1.15			
TOTAL	100	2.30			
F. TALL FESCUE 1	150	3.60			
1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATURE EXTENSION TURE SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.					

# SEEDING RATES



- STONE FOR STABILIZED CONSTRUCTION ENTRANCE SHALL BE 3 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- 2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, 75' WITHOUT A MOUNTABLE BERM, AND EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH

- MOUNTABLE BERM, AND EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.

  3. THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.

  4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WOTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS, OR 10 FEET, WHICHEVER IS GREATER.

  5. GEOTEXTILE FILTER FABRIC SHALL BE PLACED OVER THE ENTRE AREA PRIOR TO PLACING THE STONE. FILTER FABRIC IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENTIAL LOT.

  6. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTITUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A STONE BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.

  7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT MILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERFORIOL TOP DESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

# STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

- CONSTRUCTION SEQUENCE

  1. PRIOR TO THE START OF ANY ACTIVITY, IT IS THE RESPONSIBILITY OF THE SITE'S SITE DEVELOPER (OR OWNER) TO FILE A NOTICE OF INTENT (NOI) FORM WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) IN ORDER TO GAIN COVERAGE UNDER THE NPOES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES. A PRE CONSTRUCTION MEETING IS TO BE HELD WITH ALL DEPARTMENT HEADS PRIOR TO THE START OF CONSTRUCTION.
- WETLAND BOUNDARIES ARE TO BE CLEARLY MARKED PRIOR TO THE START OF CONSTRUCTION. AT LEAST A TEMPORARY CULVERT OR ROADBED TO BE IN PLACE PRIOR TO THE START OF CONSTRUCTION.
- 3. CUT AND REMOVE TREES IN CONSTRUCTION AREA AS REQUIRED OR DIRECTED.
- INSTALL SILT FENCING, HAY BALES AND CONSTRUCTION ENTRANCES PRIOR TO THE START OF CONSTRUCTION. THESE ARE TO BE MAINTAINED UNTIL THE FINAL PAYEMENT SURFACING AND LANDSCAPING AREAS ARE ESTABLISHED.
- CLEAR, CUT, GRUB AND DISPOSE OF DEBRIS IN APPROVED FACILITIES. THIS INCLUDES ANY REQUIRED DEMOLITION OF EXISTING STRUCTURES, UTILITIES, ETC.
- CONSTRUCT AND/OR INSTALL TEMPORARY OR PERMANENT SEDIMENT AND/OR DETENTION BASIN(S) AS REQUIRED. THESE FACILITIES SHALL BE INSTALLED AND STABILIZED PRIOR TO DIRECTING RUN-OFF TO THEM.
- STRIP LOAM AND PAVEMENT, OR RECLAIM EXISTING PAVEMENT WITHIN LIMITS OF WORK PER THE RECOMMENDATIONS OF THE PROJECT ENGINEER AND STOCKPILE EXCESS MATERIAL. STABILIZE STOCKPILE AS NECESSARY.
- PERFORM PRELIMINARY SITE GRADING IN ACCORDANCE WITH THE PLANS,
- INSTALL THE DRAINAGE SYSTEMS FIRST, THEN ANY OTHER UTILITIES IN ACCORDANCE WITH THE PLAN AND DETAILS. ANY CONFLICTS BETWEEN UTILITIES ARE TO BE RESOLVED WITH THE INVOLVEMENT AND APPROVAL OF THE ENGINEER.
- 10. ALL SWALES AND DRAINAGE STRUCTURES ARE TO BE CONSTRUCTED AND STABILIZED PRIOR TO HAVING RUN-OFF DIRECTED TO THEM. DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINAGE DITCHES, CHECK DAMS, SEDIMENT TRAPS, ETC., TO PREVENT EROSION ON THE SITE AND PREVENT ANY SILTATION OF ABUTTING WATERS AND/OR PROPERTY.
- 12. PERFORM FINAL FINE GRADING, INCLUDING PLACEMENT OF 'SELECT' SUBGRADE MATERIALS.
- 13. PAVE ALL ROADWAYS WITH INITIAL 'BASE COURSE'.
- 14. PERFORM ALL REMAINING SITE CONSTRUCTION (i.e. BUILDING, CURBING, UTILITY CONNECTIONS, ETC.).
- LOAM AND SEED ALL DISTURBED AREAS AND INSTALL ANY REQUIRED SEDIMENT AND EROSION CONTROL FACILITIES (I.e. RIP RAP, EROSION CONTROL BLANKETS, ETC.).
- 16. FINISH PAYING ALL ROADWAYS WITH 'FINISH' COURSE.
- 17. ALL ROADWAYS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- 18. ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- 19. COMPLETE PERMANENT SEEDING AND LANDSCAPING
- REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SEEDING AREAS HAVE BEEN 75%-85% ESTABLISHED AND SITE IMPROVEMENTS ARE COMPLETE. SMOOTH AND RE-VEGETATE ALL DISTURBED AREAS.
- 21. CLEAN SITE AND ALL DRAINAGE STRUCTURES, PIPES AND SUMPS OF ALL SILT AND DEBRIS.
- 23. ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EVERY HALF-INCH OF RAINFALL
- 24. UPON COMPLETION OF CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY ANY RELEVANT PERMITTING AGENCIES THAT THE CONSTRUCTION HAS BEEN FINISHED IN A SATISFACTORY MANNER.

JAN 95 2022

Designed and Produced in NH

B Jones & Beach Engineers, Inc. 85 Portsmouth Ave. Civil Engineering Services PO Box 219 E-MAIL: JBE@JONESANDBEACH.COM EROSION AND SEDIMENT CONTROL DETAILS

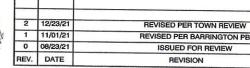
MEADOWBROOK VILLAGE Project: MEADOWBROOK DRIVE BARRINGTON, NH ANTHONY L. & JANIS SERRA 44 MEADOWBROOK DR, BARRINGTON, NH BK. 1236 PG. 653 SHEET 20 OF 20 JBE PROJECT NO. 20747

DRAWING No

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