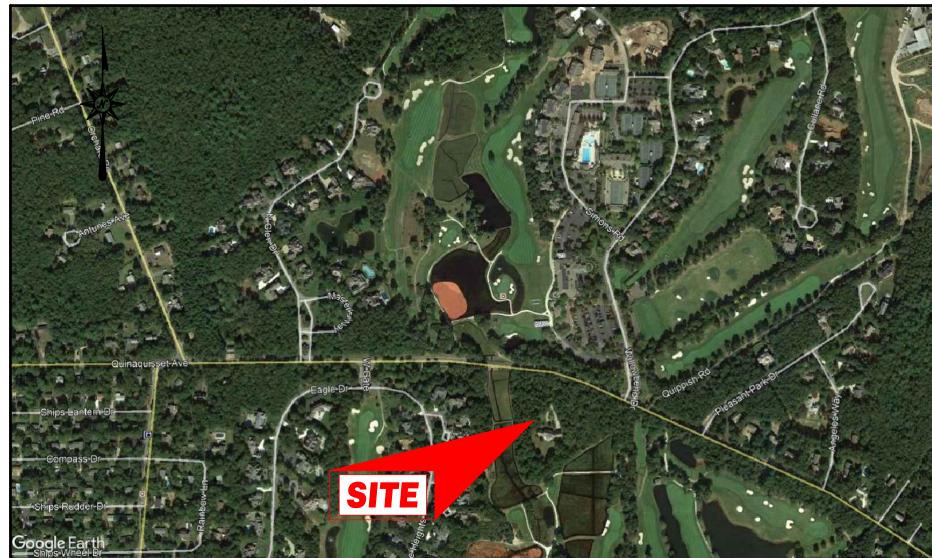
Cranberry Point At Willowbend Site Construction Plans

Mashpee, Massachusetts



Owner:

Southworth Mashpee Properties, LLC 130 Willowbend Drive Mashpee, MA 02649 (508)-539-5316

Applicant:

Southworth Mashpee Properties, LLC 130 Willowbend Drive Mashpee, MA 02649 Phone (508)-539-5316

Engineer/Surveyor:

BAXTER NYE ENGINEERING & SURVEYING Registered Professional Engineers and Land Surveyors 1597 Falmouth Road Centerville, MA 02632 Phone (508) 771-7502 Fax (508) 771-7622 ATTN: Matthew Eddy, P.E.

Job Number: 2014-009 QUIN

Plan Sheet Index

No.	Drawing Title
C0.0	Cover Sheet
C1.0	Legend and General Notes
CPP1.0	Certified Plot Plan
C2.0	Existing Conditions Plan
C3.0	Master Layout Plan
C3.1	Site Layout Plan - Sheet 1 of 2
C3.2	Site Layout Plan - Sheet 2 of 2
C3.3	Sight Distance Plan
C3.4	Truck Turning Template Plan
C4.0	Grading & Drainage Plan - Sheet 1 of 2
C4.1	Grading & Drainage Plan - Sheet 2 of 2
C4.2	Grading Inset & Drainage Details
C4.3	Drainage Notes
C5.0	Utility Plan - Sheet 1 of 2
C5.1	Utility Plan - Sheet 2 of 2
C5.2	Proposed Driveway and Utility Profiles
C6.0	Master Mitigation Plan
C7.0	Details Plan
C7.1	Details Plan

STAMP STAMP

ENGINEERING & SURVEYIN

BAXTER NYE

SURVEYING

and Land Surveyors

1597 Falmouth Road Centerville, MA 02632

www.baxter-nye.com

Phone - (508) 771-7502 Fax - (508) 771-7622

ENGINEERING &

Registered Professional Engineers

CONSULTANT

CONSULTANT

PREPARED FOR:

Southworth Mashpee Properties, LLC 130 Willowbend Drive

Mashpee, MA 02649

PROJECT TITLE Cranberry Point 275 Quinaquisset Avenue Mashpee, MA 02649

\triangle	JKL	3/24/2023	PER PLANNING BOARD COMMENTS
		DATE	DESCRIPTION
SHEET TITLE			

Cover Sheet

SHEET NO **CO.0**

DATE: JANUARY 16, 2023

SCALE: NO SCALE

			ARRE	VIATIONS
			GENE	
EXIST		CK TEXT REPRESENTS "PROPOSED" INFORMATION)	ABAN	ABANDON
OF		DRAINAGE LINE	ADJ	ADJUST
——— OD ——	00	OVERFLOW DRAIN	APPROX BB	APPROXIMATE BITUMINOUS BERM
— 6"RD ——	— RD —	ROOF DRAIN	BC	BITUMINOUS CURB
— s —	— s —	SEWER LINE	BOC	BOTTOM OF CURB
— W —	— W —	WATER LINE	BOS	BOTTOM OF SLOPE
—— FP ——	—— FP — — G —	FIRE PROTECTION LINE GAS LINE	BOW	BOTTOM OF WALL
— ОНW—		OVERHEAD ELECTRIC, TELEPHONE, CABLE & FIRE ALARM	CCB	CONCRETE CURB CAPE COD BERM
— Е —	— Е —		CSE	COBBLESTONE EDGING
—— E/DC —— OF		UNDERGROUND ELECTRIC, DATA/COMMUNICATIONS LINES	ECB	EROSION CONTROL BLANKET
UGE	——UGE——	UNDERGROUND ELECTRIC/COMMUNICAITON LINES	EL	ELEVATION
— T —		DATA & COMMUNICATION LINES	ELEV	ELEVATION
———FA——		FIRE ALARM	EOG	EDGE OF GRAVEL
——F&P——————————————————————————————————	——F&P——— ———CATV——	FIRE & POLICE CABLE CABLE TV	EOL EOP	EDGE OF LAWN EDGE OF PAVEMENT
			EXIST	EXISTING
SCB RCB	□□□□ CB □□□□□ DCB	CATCH BASIN (SQUARE OR ROUND CATCH BASIN)	EQ.	EQUAL
		DOUBLE CATCH BASIN DRAIN INLET	FDN	FOUNDATION
(D)	DI D DMH	DRAIN MANHOLE	FF GB	FINISHED FLOOR ELEVATION GRADE BREAK
=TD=	=TD=	TRENCH DRAIN	GC	GRANITE CURB
	r	PLUG/STUB	GE	GRANITE EDGING
FES	FES▶	FLARED END SECTION	HC	HANDICAP
<u></u>	\checkmark	HEADWALL	HMA HP	HOT MIX ASPHALT HIGH POINT
CS	CS	CONTROL STRUCTURE	LA	LANDSCAPE AREA
	2 -	CENTED MANUALE	LS	LANDSCAPE AREA
© GT	© SMH	SEWER MANHOLE CREASE TRAP	LP	LOW POINT
		GREASE TRAP	MAX	MAXIMUM MINIMI IM
₩ WSO	W WSO	WATER MANHOLE WATER SHUT OFF/CURB STOP	MIN MCC	MINIMUM MONOLITHIC CONCRETE CURB
\bowtie	₩G ●	WATER GATE		MASS HIGHWAY BOUND/ ESCUTCHEON PIN LEAD PLUG
TSV	TSV	TAPPING SLEEVE, VALVE,	NIC	NOT IN CONTRACT
		& BOX RISER	NTS	NOT TO SCALE
*	± €	PRESSURE REDUCER	PCC PROP	PRECAST CONCRETE CURB PROPOSED
▼	¥ H⁄n	SIAMESE CONNECTION	PWW	PAVED WATER WAY
WM	WM □	FIRE HYDRANT WATER METER	REMOD	REMODEL
PIV	PIV	POST INDICATOR VALVE	REM	REMOVE
(W)	W	WELL	R&R	REMOVE AND STACK
-	-	MONITORING WELL	R&S RET	REMOVE AND STACK RETAIN
	¢	IRRIGATION CONTROL VALVE	SGE	SLOPED GRANITE EDGING
×	×	SPRINKLER HEAD	SGC	SLOPED GRANITE CURB
0	o GG	GAS GATE	TIEG	TIE INTO EXISTING GRADE
GM	GM	GAS METER	TOC	TOP OF CURB
Ē	© EMH	ELECTRIC MANHOLE	TOF	TOP OF FOUNDATION
EB	EB	ELECTRIC BOX	TOS TOW	TOP OF SLOPE TOP OF WALL
EM	EM	ELECTRIC METER	TYP	TYPICAL
\$	\$	LIGHT POLE (DECORATIVE)	UON	UNLESS OTHERWISE NOTED
*	◆	FLOOD LIGHT	VIF	VERIFY IN FIELD BY CONTRACTOR
** •-■	** •- =	LANDSCAPE LIGHT SINGLE LUMINAIRE	VGC	VERTICAL GRANITE CURB
H-H	E+E	DOUBLE LUMINAIRE	<u> </u>	
= +=	= = =	TRIPLE LUMINAIRE	ACCMP	ASPHALT COATED CORRUGATED METAL PIPE
====	= -	QUAD LUMINAIRE	CAP CIP	CORRUGATED ALUMINUM PIPE CAST IRON PIPE
		WALL PACK	CIT	CHANGE IN TYPE
			СМР	
(h)	O	SIGNAL ARM MANHOLE	COND	CORRUGATED METAL PIPE
<	С	UTILITY POLE/GUY WIRE	CPP	CONDUIT HIGH DENSITY POLYETHYLENE CORRUGATED
O	● ——- ◇ -	UTILITY POLE/GUY POLE	GFF	PLASTIC PIPE - SMOOTH INTERIOR
HH	H	HAND HOLE	CS	CURB STOP FOR WATER LINE
PB	PB	PULL BOX	DIP	DUCTILE IRON PIPE
	• • • •	SILT FENCE/HAYBALE	DS	DOWN SPOUT
		DIVERSION BERM/SWALE AND HAY BALE CHECK DAM	E	ELECTRIC
	<u> </u>	POINT OF INTERSECTION	F&C	FRAME AND COVER
	_	FLARED END SECTION (FES)	F&G	FRAME AND GRATE
		WITH STONE PROTECTION	G	GAS
	6"PD	PERIMETER DRAIN	HYD	HYDRANT
		PAVED WATERWAY (PWW)	ID	INTERCEPTOR DRAIN
		WITH STONE PROTECTION	INV	INVERT ELEVATION
	$\xrightarrow{\hspace*{1cm} \hspace*{1cm} \hspace*{1cm} \hspace*{1cm} \hspace*{1cm} \hspace*{1cm} \hspace*{1cm} \hspace*{1cm}}$	DRAINAGE FLOW DIRECTION	PD	PERFORATED DRAIN
		JUTE MAT IN SWALE	PVC	POLYVINYL CHLORIDE PIPE
~ <i>)</i> ,			RCP	REINFORCED CONCRETE PIPE
~		TREES	RD	ROOF DRAIN
	£3	SHRUB	S	SEWER
EXIS	ST PRO	OP	C/0	SEWER CLEANOUT
LF			SD	STORM DRAIN
H		HP HIGH POINT	Т	TELEPHONE
Gl	В (GB GRADE BREAK	TSV&B	TAPPING SLEEVE, VALVE & & BOX RISER
×		×27.21 TOC 27.15 BOC TOP & BOTTOM ELEVATION	UP	UTILITY POLE
	21.25	21.25 SPOT ELEVATION W/LEADER	WF	VERIFY IN FIELD
×	+ 21.3	× × 21.25 SPOT ELEVATION	VCP	VITRIFIED CLAY PIPE
-	BORING LOCATION		W	WATER
-1		TEST PIT LOCATION	**	
		TIP III TO PUOPUS SOUT		
	•	TIE IN TO EXISTING GRADE		

GENERAL CONSTRUCTION NOTES

* (ALL REFERENCES TO "CONTRACTOR" SHALL MEAN THE GENERAL CONTRACTOR OR HIS SUB-CONTRACTORS.)

1. ALL WORK & MATERIALS SHALL BE IN ACCORDANCE WITH MASSDOT, HIGHWAY DIVISION, STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES (MASSDOT-SSHB). AS CURRENTLY AMENDED. UNLESS OTHERWISE NOTED. IF THERE ARE CONFLICTS IN ANY OF THE SPECIFICATIONS OR PROJECT DOCUMENTS. THE HIGHER STANDARD SHALL APPLY.

ALL WORK UNDER THESE DOCUMENTS SHALL ALSO CONFORM TO ALL CODES AND STANDARDS, AS CURRENTLY AMENDED, WHICH ARE APPLICABLE TO THIS PROJECT. ALL WORK SHALL FURTHER CONFORM TO SPECIFIC REQUIREMENTS, SPECIFICATIONS, ORDINANCES AND INTERPRETATIONS OF LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT. DETERMINATION OF APPLICABLE CODES AND STANDARDS AND OF THE AUTHORITIES HAVING JURISDICTION, SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR, AS SHALL BE THE ANALYSIS OF ALL SUCH CODES AND STANDARDS IN REGARD TO THEIR APPLICABILITY TO THE PROJECT FOR SECURING ALL APPROVALS AND PERMITS.

ALL WORK WITHIN THESE PLANS SHALL BE PERFORMED AND PROVIDED BY THE CONTRACTOR IN ACCORDANCE WITH THE CONSTRUCTION DETAILS PROVIDED IN THIS PLAN SET WHETHER OR NOT THE DETAIL NUMBER IS SPECIFICALLY REFERENCED.

EXCEPT WHERE THE PROJECT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND HERETO. SUCH STANDARDS ARE MADE A PART OF THE PROJECT DOCUMENTS BY REFERENCE.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL QUANTITY ESTIMATES AND VERIFYING, TO HIS OWN SATISFACTION, THAT ALL QUANTITIES ARE ACCURATE FOR ALL CONSTRUCTION MATERIALS, INCLUDING CUT & FILL ESTIMATES WHICH THE CONTRACTOR MAY PREPARE BASED ON INFORMATION CONTAINED WITHIN THESE PLANS.

3. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE

4. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANIES FOR OBTAINING CONSTRUCTION PERMITS AND PERFORMING ALL NEW CONSTRUCTION, RELOCATION, ALTERATION AND ADJUSTMENT OF GAS. ELECTRIC (INCLUDING UTILITY POLES). TELEPHONE. CABLE. FIRE ALARM. WATER, SANITARY SEWER, STORM DRAIN, AND ANY OTHER UTILITIES, BOTH PUBLIC AND PRIVATE, AS REQUIRED.

CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.

5. THE LOCATION OF EXISTING UNDERGROUND SYSTEMS, INFRASTRUCTURE, UTILITIES, CONDUITS, WELLS, AND LINES ARE SHOWN IN AN APPROXIMATE WAY ONLY, MAY NOT BE LIMITED TO THOSE SHOWN HEREIN, AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER, THE ENGINEER, OR THEIR REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION, BOTH HORIZONTALLY AND VERTICALLY, OF ALL EXISTING UTILITIES, CONDUITS, LINES, WELLS, AND OTHER BURIED INFRASTRUCTURE AND SYSTEMS BEFORE THE START OF ANY WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE THE INFRASTRUCTURE, UTILITIES, CONDUITS AND LINES EXACTLY. THE CONTRACTOR SHALL PRESERVE ALL UNDERGROUND INFRASTRUCTURE AND UTILITIES AS REQUIRED. THE CONTRACTOR MUST CALL "DIG SAFE" (AT 1-888-DIG-SAFE) AT LEAST 72 HOURS BEFORE THE START OF

6. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL AT LEAST 24 HOURS AHEAD FOR INSPECTIONS BY THE APPROPRIATE AUTHORITY IN ACCORDANCE WITH THE TOWN REQUIREMENTS, AS APPLICABLE.

7. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, (SEE CHAPTER 370, ACTS OF 1963, MASSACHUSETTS)

8. BAXTER NYE ENGINEERING & SURVEYING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.

9. THE TERM "PROPOSED" (PROP.) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR. WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).

10. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH SAME, AND COORDINATE WITH THE ENGINEER AS REQUIRED.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING INFORMATION OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR MUST NOTIFY THE OWNER OR ENGINEER IMMEDIATELY UPON DISCOVERY AND AT LEAST 72 HOURS PRIOR TO INSTALLATION OF ANY PORTION OF THE AFFECTED WORK.

12. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS AND CONSTRUCTION. BUILDING DIMENSIONS SHOWN HEREIN ARE FOR COORDINATION WITH OTHER SITE WORK ONLY AND SHOULD NOT BE USED TO STAKE OUT BUILDINGS. SITE CONTRACTOR SHALL STAKE OUT THE EXTERIOR BUILDING CORNERS FROM THE LATEST ARCHITECTURAL PLANS. THE CONTRACTOR SHALL NOTIFY BAXTER NYE ENGINEERING & SURVEYING OF ANY DISCREPANCIES BETWEEN SITE PLAN DIMENSIONS AND ARCHITECTURAL BUILDING PLANS BEFORE PROCEEDING WITH ANY PORTION OF SITE WORK WHICH MAY BE EFFECTED SO THAT PROPER ADJUSTMENTS TO THE SITE LAYOUT CAN BE MADE IF NECESSARY.

13. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF OPERATIONS TO THE OWNER AND ITS REPRESENTATIVE. THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE OWNER, ITS ENGINEER OR REPRESENTATIVE.

14. THE CONTRACTOR SHALL CONTACT THE ENGINEER TO SCHEDULE A PRE-CONSTRUCTION MEETING AT LEAST TWO (2) WEEKS PRIOR TO COMMENCING CONSTRUCTION.

15. THE CONTRACTOR SHALL MAKE SUBMITTALS TO THE ENGINEER FOR APPROVAL BEFORE ANY FABRICATION OR DELIVERY OF PRODUCTS OR MATERIALS.

16. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION MEANS AND METHODS. BAXTER NYE ENGINEERING & SURVEYING, DOES NOT ASSUME ANY RESPONSIBILITY IN JOB SITE SAFETY FOR CONSTRUCTION METHODS USED. ALL FEDERAL, STATE, AND LOCAL OSHA REQUIREMENTS AND REGULATIONS SHALL BE FOLLOWED BY ALL PERSONNEL ON THE JOB SITE AT ALL

17. THE CONTRACTOR SHALL REMOVE ALL STUMPS, RUBBISH, AND DEBRIS FROM THE PROJECT SITE. STORAGE OF THESE ITEMS WILL NOT BE PERMITTED ON THE PROJECT SITE. THE CONTRACTOR SHALL LEAVE THE SITE IN A SAFE, CLEAN, AND LEVEL CONDITION AT THE COMPLETION OF THE SITE CLEARANCE

18. ALL UNSUITABLE MATERIALS ENCOUNTERED WITHIN THE LIMIT OF WORK SUB GRADES SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER OR OWNERS REPRESENTATIVE, TO NATURAL STABLE GROUND BY THE CONTRACTOR. UNSUITABLE MATERIALS INCLUDE TOPSOIL, LOAM, PEAT, ALL ORGANIC MATERIAL,

19. TREES AND SHRUBS WITHIN THE LIMITS OF GRADING SHALL BE REMOVED AND RESET ONLY UPON APPROVAL OF THE ENGINEER OR OWNERS REPRESENTATIVE.

SNOW, ICE, CONSTRUCTION RUBBLE, TRASH, AND OTHER DELETERIOUS DEBRIS.

20. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS, WITHOUT PRIOR APPROVAL BY THE OWNER OR ITS REPRESENTATIVE, SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

21. EXISTING SUBSURFACE ROCK IS NOT SHOWN ON THE PLANS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THEIR OWN DETERMINATION AS TO THE LOCATION OF SUBSURFACE ROCK.

22. THE CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER, AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY FACILITIES DAMAGED BY CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

23. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS NOTED OTHERWISE.

24. JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACKSANDED. ALL JOINTS TO EXISTING PAVEMENT SHALL BE SAWCUT TRUE AND STRAIGHT. ALL CRACKED OR INADEQUATE PAVEMENT AND/OR SUBBASE MATERIAL SHALL BE REMOVED AND REPLACED.

25. ALL PROPOSED WALKWAYS WILL BE HANDICAPPED ACCESSIBLE. ALL PROPOSED SLOPES ON WALKWAYS SHALL BE LESS THAN 5% AND ALL CROSS SLOPES < 2%. THESE ARE MAXIMUM SLOPES WITH NO TOLERANCE. ALL WORK WILL BE IN ACCORDANCE WITH THE MOST CURRENT REQUIREMENTS OF THE U.S. ACCESS BOARD, AMERICANS WITH DISABILITIES ACT & COMMONWEALTH OF MASSACHUSETTS, ARCHITECTURAL ACCESS BOARD.

26. FINAL LAYOUT AND STAKING OF ALL PROPOSED FEATURES AND GRADING SHALL BE REVIEWED IN THE FIELD AND APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO ANY SITE PREPARATION OR CONSTRUCTION. THE CONTRACTOR SHALL NOT ADJUST OR MODIFY THE LAYOUT AND STAKING OF ANY PROPOSED FEATURES WITHOUT FINAL APPROVAL FROM THE OWNERS REPRESENTATIVE AND ANY GOVERNMENTAL AGENCY WHICH MAY HAVE JURISDICTION OVER CONTEMPLATED CHANGE.

27. ALL ELECTRICAL (BOTH PRIMARY AND SECONDARY), TELEPHONE, DATA/COM AND FIRE DEPARTMENT CONDUITS AND APPURTENANT FEATURES REQUIRED BY THE APPLICABLE UTILITY COMPANY ARE TO BE INSTALLED BY THE ELECTRICAL CONTRACTOR. TRENCHING, BACKFILLING, CONCRETE WORK, MANHOLE AND RELATED STRUCTURES AND STREET REPAIR SHALL BE PERFORMED BY THE GENERAL CONTRACTOR/SITE CONTRACTOR. ALL ASSOCIATED COSTS FOR COMPLETE EXECUTION OF THIS WORK SHALL BE INCLUDED IN THE CONTRACTORS PRICING.

28. RIM ELEVATIONS OF DRAINAGE AND SANITARY SEWER MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH GRADING PLANS. ADJUST ALL OTHER RIM ELEVATIONS OF MANHOLES, GAS GATES, WATER GATES AND OTHER UTILITIES TO FINISHED GRADE WITHIN THE LIMITS OF THE SITE WORK.

29. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND. SURFACES NOT OTHERWISE TREATED SHALL BE STABILIZED AS LAWNS. ALL LAWN AREAS SHALL HAVE A MODIFIED LOAM BORROW PLACED, SEEDED, FERTILIZED, LIMED AND MULCHED UNTIL GRASS STAND IS ESTABLISHED AND SURFACE IS STABILIZED. THE MODIFIED LOAM BORROW SHALL HAVE A MINIMUM DEPTH OF 6" AND SHALL BE PLACED FLUSH WITH THE TOP OF ADJACENT CURB, EDGING, BERM, OR OTHER SURFACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AREAS UNTIL VEGÉTATION HAS BÉEN PERMANENTLY ESTABLISHED. SLOPES IN EXCESS OF 3:1 SHALL BE FURTHER STABILIZED WITH EROSION CONTROL BLANKETS (ECB) OF CURLEX OR EQUAL.

30. THE CONTRACTOR SHALL WATER, MOW, FERTILIZE OR OTHERWISE MAINTAIN ALL SODDED AND SEEDED OR OTHERWISE STABILIZED AREAS UNTIL GRASS STANDS OR OTHER VEGETATED METHODS ARE ESTABLISHED TO THE SATISFACTION OF THE OWNER OR THEIR REPRESENTATIVE.

31. THE CONTRACTOR SHALL RESET ALL MONUMENTATION DISTURBED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL PROVIDE A SURVEY BY A PLS TO ENSURE THAT THE MONUMENTATION IS RESET TO ITS ORIGINAL LOCATION. MONUMENTS INCLUDE, BUT ARE NOT LIMITED TO, TOWN BOUNDS, MASS HIGHWAY BOUNDS, PROPERTY LINE MONUMENTS, IRON RODS, STAKES, CONCRETE BOUNDS, GRANITE BOUNDS AND STONE WALLS WITH DRILL

EXCAVATION SAFETY:

ALL EXCAVATION MUST FOLLOW OSHA, MASSACHUSETTS AND LOCAL REGULATIONS FOR SAFETY. ALL TRENCH EXCAVATION EXCEEDING 3 FEET OF DEPTH WILL REQUIRE A TRENCH PERMIT FROM THE LOCAL TOWN OR CITY PRIOR TO ANY EXCAVATION.

DRAWINGS STATEMENT:

THE CONTRACTOR WILL PREPARE AS-BUILT DRAWINGS, STAMPED BY A MA LICENSED PROFESSIONAL ENGINEER (PE) CERTIFYING THAT: "TO THE BEST OF THEIR KNOWLEDGE, JUDGEMENT AND BELIEF, THE CONSTRUCTED WORK IS IN GENERAL CONFORMANCE WITH THE PLANS."

INSPECTIONS/TESTING:

CONSTRUCTION.

1. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE ENGINEER ON ALL NECESSARY INSPECTIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST TWO (2) BUSINESS DAYS AHEAD OF REQUIRED

2. AT A MINIMUM, THE FOLLOWING INSPECTIONS/TESTING WILL BE REQUIRED. IF ISSUES ARISE DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS ADDITIONAL INSPECTIONS BEYOND WHAT IS NOTED MAY BE NEEDED

- A. INSTALLATION OF SEDIMENT AND EROSION CONTROLS AT LIMIT OF WORK PRIOR TO COMMENCING
- B. DRAINAGE AND STORMWATER MANAGEMENT: BOTTOM OF EXCAVATION FOR EACH STORMWATER MANAGEMENT (SWM) FACILITY. DURING INSTALLATION OF STRUCTURES TO SEE A CROSS SECTION VIEW OF INSTALLATION • AT COMPLETION OF INSTALLATION OF EACH SWM FACILITY PRIOR TO BACKFILL.
- C. GRAVEL BORROW SUBBASE UNDER ALL PAVED AND CONCRETE SURFACES (UNLESS OTHERWISE WITNESSED BY A TESTING AGENCY.)

• AT FINAL SHAPING OF STONE WEIRS, OUTFALLS AND EARTH BERMS

- D. BN WILL NEED TO WITNESS REPRESENTATIVE INSTALLATION OF VERTICAL AND SLOPED CURBING.
- E. BN SHALL BE PROVIDED FOR REVIEW ALL TESTING AGENCY LABORATORY MATERIAL AND ON-SITE TESTING RESULTS AS REQUIRED UNDER THE PROJECT DOCUMENTS FOR COMPLETE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO:
 - SANDY TOPSOIL SIEVE ANALYSIS AND MATERIAL CHARACTERISTICS PER SPEC FOR SWM
 - ALL COMPACTION TESTING RESULTS FOR BACKFILL. - GRAVEL BORROW MATERIAL UNDER PAVING, SIDEWALK, SITE SLABS, PADS, ETC. AS TO DEPTH OF MATERIAL PLACEMENT AND COMPACTION TESTING RESULTS.

 BITUMINOUS CONCRETE PLACEMENT AND COMPACTION TESTING RESULTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING MATERIAL SAMPLES TO AND COORDINATING

WITH THE TESTING AGENCY AS REQUIRED.

F. BN WILL NEED TO WITNESS A REPRESENTATIVE UTILITY INSTALLATION BEFORE BACKFILL FOR:

- CONTRACTOR SHALL CONTACT BN THREE BUSINESS DAYS PRIOR TO ALLOW BN TO TAKE AS-BUILT SHOTS ON PIPE BENDS, PIPE TOP FOR AS-BUILT REQUIREMENTS - THE WATER SYSTEM SHALL BE INSPECTED BY A THIRD PARTY APPROVED WATER INSPECTOR PAID FOR BY THE CONTRACTOR. ACCEPTANCE REPORTS AND AS-BUILT TIE CARDS FOR THE WATER SYSTEM (INCLUDING TIES TO ALL BENDS, TEES, ETC.) SHALL BE PREPARED BY THE 3RD PARTY INSPECTOR AND PROVIDED TO THE ENGINEER FOR RECORD.

INSTALLATION OF PIPE AND PIPE BEDDING, AND SMH PRIOR TO BACKFILLING. CONTRACTOR SHALL PROVIDE ALL REQUIRED TESTING FOR ACCEPTANCE OF THI SEWER SYSTEM. UNACCEPTABLE TEST/INSPECTION RESULTS WILL RESULT IN THE CONTRACTOR REPAIRING THE CONDITION AT NO ADDITIONAL EXPENSE TO THE OWNER. - CONTRACTOR TO PROVIDE BN WITH APPROVED TESTING REPORTS.

SANITARY SEWER TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL

- 1. ALL SEWERS AND APPURTENANT WORK, IN ORDER TO BE ELIGIBLE FOR ACCEPTANCE BY THE ENGINEER, SHALL BE SUBJECTED TO TESTS THAT WILL DETERMINE THE DEGREE OF WATER
- TIGHTNESS AND HORIZONTAL AND VERTICAL ALIGNMENT. THOROUGHLY CLEAN AND/OR FLUSH ALL SEWER LINES TO BE TESTED, IN A MANNER AND TO
- THE EXTENT ACCEPTABLE TO THE ENGINEER, PRIOR TO INITIATING TEST PROCEDURES. 3. TESTING GRAVITY SEWER PIPING:
- a. LOW-PRESSURE AIR TEST. b. INFILTRATION TEST.
- 4. HYDROSTATIC TESTING PRESSURE PIPING
- 5. DEFLECTION TESTING PLASTIC PIPING. a. DEFLECTION TESTING PER ACCEPTED STANDARDS (RIGID BALL, "GO-NO GO MANDREL). MAX ALLOWABLE DEFLECTION IS 5% OF ORIGINAL PIPE DIAMETER. PIPES HOLDING WATER MAY RESULT IN FAILING INSPECTION.
- CAMERA VIDEO INSPECTION.
- SEALING AND TESTING PRECAST SANITARY SEWER MANHOLES, FRAMES AND COVERS 8. WATER TIGHT TESTS PRIOR TO BACKFILLING OF WET WELL AND TANKS PER ACCEPTABLE

ALL TESTING SHALL BE PERFORMED PRIOR TO ACCEPTANCE OF THE SEWER SYSTEM.

- H. THE CONTRACTOR SHALL NOTIFY AND COORDINATE A SITE MEETING WITH THE ENGINEER PRIOR TO PLACING FINAL PAVING COURSE. LAYOUT AND FINAL REQUIRED DIMENSIONS ARE TO BE REVIEWED AT THIS MEETING PRIOR TO PAVING OPERATION. REQUIREMENTS SHALL BE PER MASSDOT STANDARD SPECIFICATIONS.
- I. FINAL STABILIZATION AND PLANTINGS PRIOR TO REMOVING ANY SEDIMENT AND EROSION CONTROL DEVICES.

NGINEERING & SURVEYIN BAXTER NYE

ENGINEERING & SURVEYING

Registered Professional Engineers and Land Surveyors

1597 Falmouth Road Centerville, MA 02632

Phone - (508) 771-7502 Fax - (508) 771-7622 www.baxter-nye.com

STAMP	STAMP

CONSULTANT

CONSULTANT

PREPARED FOR

Southworth Mashpee | Properties, LLC

130 Willowbend Drive Mashpee, MA 02649

PROJECT TITLE Cranberry Point

| 275 Quinaquisset Avenue | Mashpee, MA 02649

\triangle	JKL	3/24/2023	PER PLANNING BOARD COMMENTS	
		DATE	DESCRIPTION	
SHEET TITLE				

General Notes & Legend Plan

SHEET NO

SCALE: NO SCALE

DRAWN BY: **JKL** CHECKED BY: MWE

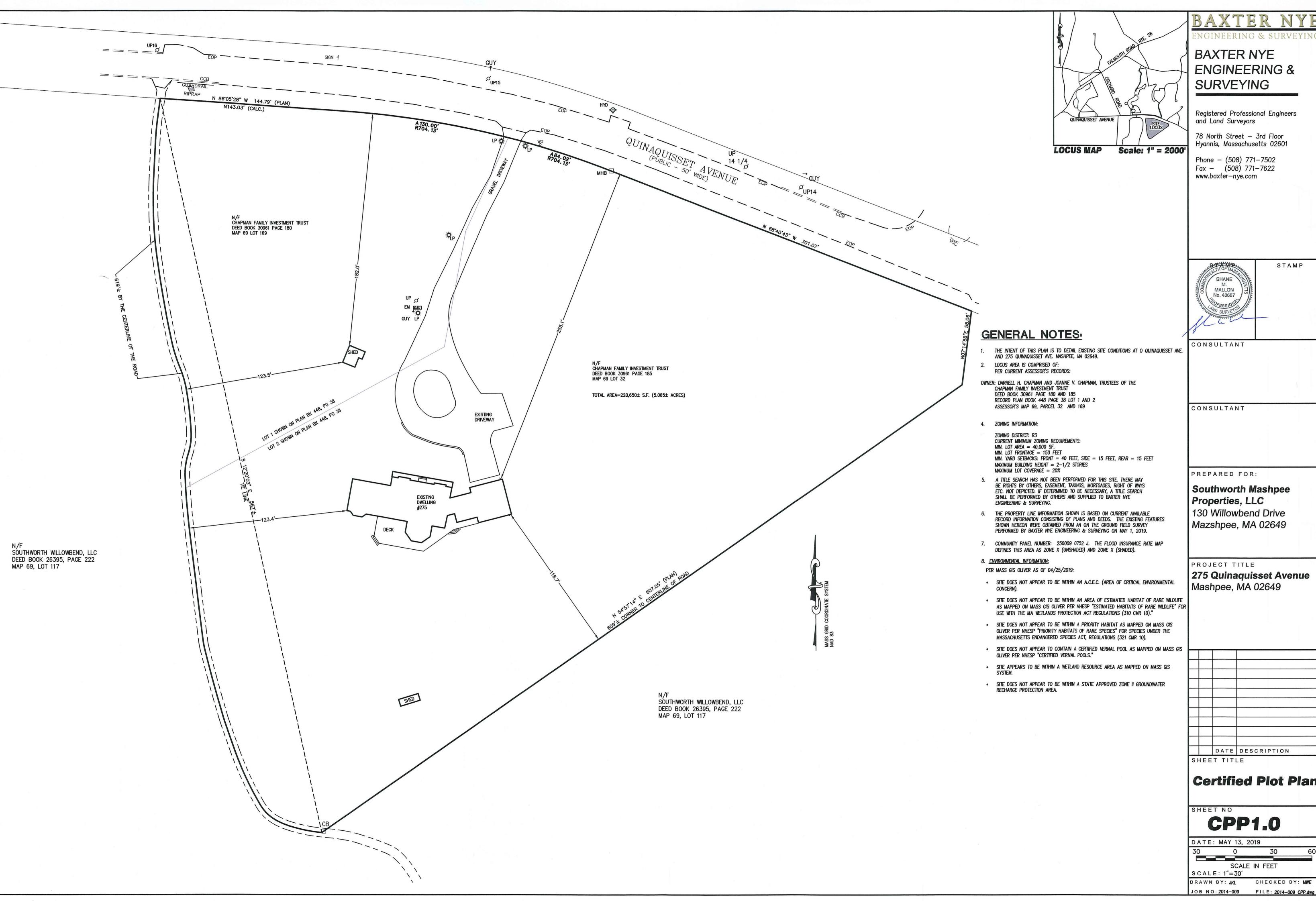
DATE: JANUARY 16, 2023

FOR PERMIT ONLY - NOT FOR CONSTRUCTION

TELEPHONE RISER

MAIL BOX

JOB NO: **2014-009** COPYRIGHT © 2022, BY SMART ENGINEERING LLC, dba BAXTER NYE ENGINEERING & SURVEYING, ALL RIGHTS RESERVED. REPRODUCTION IN ANY FORM WITHOUT THE EXPRESS WRITTEN CONSENT OF THE COPYRIGHT HOLDER IS PROHIBITED

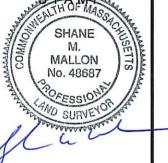


BAXTER NYE **ENGINEERING &**

Registered Professional Engineers and Land Surveyors

78 North Street - 3rd Floor Hyannis, Massachusetts 02601

Phone - (508) 771-7502 Fax - (508) 771-7622 www.baxter-nye.com



STAMP

PREPARED FOR:

Southworth Mashpee Properties, LLC 130 Willowbend Drive

Mazshpee, MA 02649

275 Quinaquisset Avenue

DATE DESCRIPTION

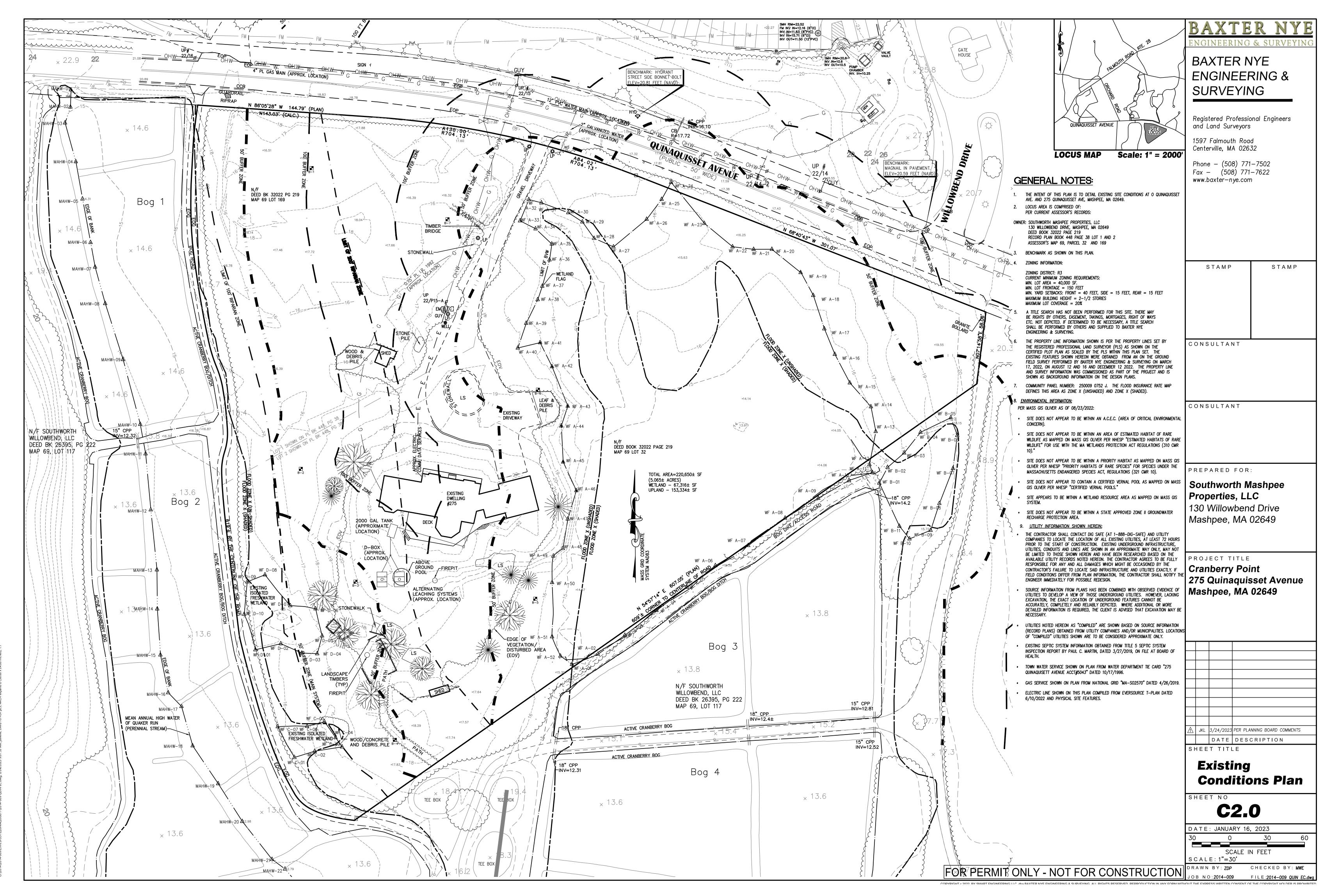
Certified Plot Plan

CPP1.0

DATE: MAY 13, 2019

SCALE IN FEET

JOB NO: 2014-009 FILE: 2014-009 CPP.dwg



TEACH TO THE CAME OF THE PARTY OF THE PARTY

