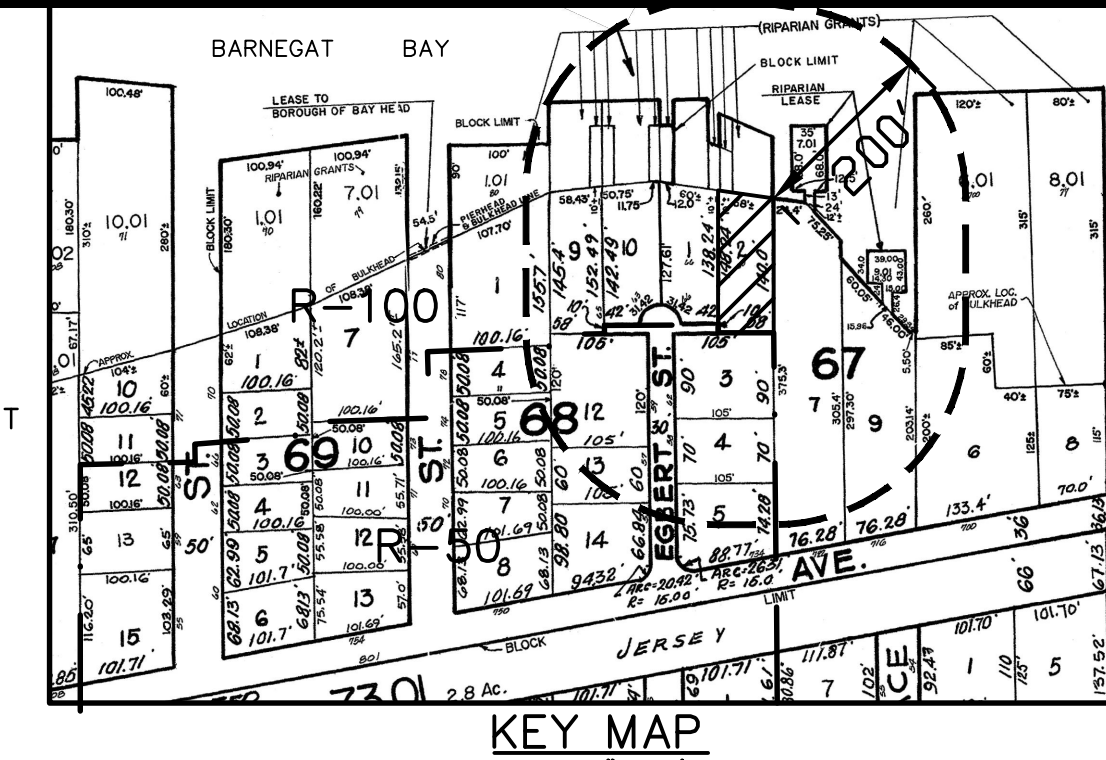


**LOT 2.03
BLOCK 67**
674.99 S.F. (0.016 Ac.)

**LOT 2.01
BLOCK 67**
3,618.65 S.F. (0.083 Ac.)
(to NJ Bulkhead Line)
3,515.39 S.F. (0.081 Ac.)
(to B.H.)

**LOT 2.02
BLOCK 67**
498.34 S.F. (0.011 Ac.)
(to NJ Bulkhead Line)
435.44 S.F. (0.009 Ac.)
(to Bulkhead)

- LEGEND:**
- 47--- EXISTING CONTOUR
 - 48--- PROPOSED CONTOUR
 - 12.4.45 EXISTING SPOT GRADE
 - 12.3.45 PROPOSED SPOT GRADE
 - EXISTING INLET
 - PROPOSED INLET
 - EXISTING FIRE HYDRANT
 - PROPOSED FIRE HYDRANT
 - EXISTING M.H.
 - PROPOSED M.H.
 - EXISTING UTILITY POLE
 - PROPOSED UTILITY POLE
 - SOIL BORING LOCATION
 - EXISTING VALVE
 - PROPOSED VALVE
 - EXISTING WOODS LINE
 - PROPOSED WOODS LINE
 - TOP OF BLOCK



FLOOD HAZARD CONTROL ACT NOTES

1. INGROUND POOLS: (7:13-7.21)
 - A) THE PROPOSED POOL IS NOT LOCATED WITHIN A FLOODWAY.
 - B) THE PROPOSED POOL IS LOCATED ADJACENT TO A LAWFULLY EXISTING BULKHEAD ALONG A TIDAL WATER.
2. DECK:
 - A) THE DECK IS NOT ENCLOSED WITH WALLS EITHER ABOVE OR BELOW ITS FLOOR EXCEPT FOR PROTECTIVE OR DECORATIVE FENCING, BANISTERS OR LATTICE WORK THAT ALLOW FLOODWATERS TO PASS FREELY.
 - B) THE DECK WILL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FEDERAL FLOOD REDUCTION STANDARDS 44 C.F.R. PART 60 & FEMA'S TECHNICAL BULLETINS.
 - C) THE DECK SHALL BE DESIGN AND CONSTRUCTED IN ACCORDANCE WITH PERMIT-BY-RULE 16 AT N.J.A.C. 7:13-7.16
4. THERE IS NO RIPARIAN ZONE REQUIREMENT SINCE THE SITE IS LOCATED ON THE BARRIER ISLAND.
5. RESIDENTIAL CONSTRUCTION IN TIDAL FLOOD HAZARD AREA
 - A) THE PROPOSED FINISHED FLOOR LIVING SPACE IS ELEVATION 10.11 NAVD88.
 - B) LOWEST FLOOR SHALL MEET THE FOLLOWING:
 1. THE ENCLOSURE IS USED SOLELY FOR PARKING OF VEHICLES, BUILDING ACCESS OR STORAGE;
 2. THE FLOOR OF THE ENCLOSURE IS SITUATED AT OR ABOVE THE ADJOINING EXTERIOR GRADE ALONG AT LEAST ONE ENTIRE EXTERIOR WALL IN ORDER TO PROVIDE POSITIVE DRAINAGE OF THE ENCLOSED AREA;
 3. THE ENCLOSURE IS CONSTRUCTED WITH FEMA COMPLIANT BREAKAWAY WALLS AND PERMANENT FLOOD OPENINGS THAT MEET THE REQUIREMENTS OF THE UNIFORM CONSTRUCTION CODE AT N.J.A.C. 5:23
6. A. THE PROPOSED BUILDING AND ASSOCIATED STRUCTURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FEDERAL FLOOD REDUCTION STANDARDS, 44 C.F.R. PART 60 & FEMA'S TECHNICAL BULLETINS.
- B. ANY PROPOSED FILL ON THE SITE SHOULD MEET THE REQUIREMENTS OF THE FEDERAL FLOOD REDUCTION STANDARDS, 44 C.F.R. PART 60 & FEMA'S TECHNICAL BULLETIN 5.

CAFRA GENERAL NOTES:

1. INDIGENOUS COASTAL PLANTS ARE ENCOURAGED TO BE USED WHEREVER FEASIBLE. NO PLASTIC LINERS SHALL BE USED IN LANDSCAPED OR GRAVEL AREAS. ALL LINERS SHALL BE MADE OF FILTER CLOTH OR OTHER PERMEABLE MATERIAL.
2. CROWN DRIVEWAY TO PITCH RUNOFF TO DRAIN ONTO PERMEABLE AREAS OF THE SITE OR USE OTHER PERMEABLE STONE.
3. PROPOSED SILT FENCE SHALL BE ERRECTED PRIOR TO CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION AND LANDSCAPING IS COMPLETE.
4. ALL CONSTRUCTION SHALL COMPLY WITH FEMA REQUIREMENTS AND FLOOD HAZARD CONTROL ACT REQUIREMENTS.
5. FLOOD VENTS SHALL BE INSTALLED IN GARAGE AND CRAWLSPACE IN ACCORDANCE WITH FEMA REQUIREMENTS.
6. SWIMMING POOL BACKWASH SHALL REMAIN ONSITE IN DRYWELL AND SHALL NOT DRAIN TO ADJACENT WATERWAY.
7. PROJECT QUALIFIES FOR A NJAC 7:7 PERMIT-BY-RULE NO. 7 SINCE THE PROPOSED FOOTPRINT WILL NOT INCREASE THE BUILDING FOOTPRINT ON SITE BY MORE THAN 400 S.F.
8. PROJECT QUALIFIES FOR A NJAC 7:7 PERMIT-BY-RULE NO. 22 SINCE THE PROPOSED POOL WILL NOT EXCEED 750 S.F.

GENERAL NOTES:

1. SURVEY AND TOPOGRAPHY TAKEN FROM A PLAN ENTITLED "BOUNDARY & TOPOGRAPHIC SURVEY OF LOTS 2.01, 2.02, 2.03 BLOCK 67 BOROUGH OF BAY HEAD, OCEAN COUNTY, NEW JERSEY," PREPARED BY LINDSTROM, DIESSNER AND CARR P.C. DATED 5/12/2023. WILLIAM H. DOOLITTLE P.L.S. FOR WILLIAM & LORI WHITE.
2. ELEVATIONS BASED ON NAVD 1988 DATUM UTILIZING GPS RTK OBSERVATIONS.
3. PROPERTY LOCATED IN FLOOD ZONE AE (EL 5) & ZONE AE (EL 6) COMMUNITY NUMBER 345281 MAP NUMBER 34029C0208G EFFECTIVE DATE JUNE 20, 2018. PROPERTY LOCATED IN ZONE AE (EL 6) LIMWA PRELIMINARY FIRM MAP NUMBER 34029C0208H JANUARY 30, 2015.
4. UTILITIES ARE EXISTING AND SHALL REMAIN AND BE RECONNECTED TO PROPOSED DEVELOPMENT IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND UTILITY COMPANY REQUIREMENTS. LOCATION OF EX. UTILITIES IS APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION/EXCAVATION.
5. FOR COMPLETE BUILDING DIMENSIONS AND INFORMATION SEE ARCHITECTURAL PLANS.
6. THERE ARE NO WETLANDS ON SITE.
7. THERE IS NO BELOW GRADE BASEMENT PROPOSED.
8. A FOYER WITH A FLOOR THAT IS NOT 1 FOOT ABOVE THE BFE IS NOT PERMITTED.
9. ANY AND ALL IMPORTED EARTHEN MATERIAL SHALL BE CERTIFIED CLEAN.
10. ALL NEW MATERIALS BELOW THE DESIGN FLOOD ELEVATION (BASE FLOOD ELEVATION 8.0 PLUS 1 FOOT OF FREEBOARD) SHALL BE FLOOD DAMAGE RESISTANT MATERIALS.
11. AS-BUILT SURVEY OF ALL SITE GRADING TO BE PROVIDED BY A PROFESSIONAL LAND SURVEYOR TO DEMONSTRATE COMPLIANCE WITH THE APPROVED PLOT PLAN.

LIMWA NOTES

1. BOTTOM OF LOWEST HORIZONTAL STRUCTURAL MEMBER FOR DWELLING AND GARAGE AREA TO BE SET AT MIN. ELEVATION 9.0 MIN. (FEMA PRELIMINARY FIRM 8.0 PLUS 1 FOOT OF FREEBOARD TO BOTTOM OF GIRDER).
2. THE PROPOSED FINISHED FLOOR LIVING SPACE IS ELEVATION 10.11 NAVD88.
3. ALL AREAS BELOW LOWEST HORIZONTAL GIRDER MIN. (EL 9.0) SHALL BE NON BEARING BREAKAWAY WALLS IN ACCORDANCE WITH FEMA REQUIREMENTS.
4. LOWEST HORIZONTAL STRUCTURAL MEMBER SHALL BE SUPPORTED BY PILING.
5. GARAGE SLAB (EL 3.60) AND LOWER LEVEL SLAB (EL 4.00) SHALL BE NON STRUCTURAL CONCRETE SLABS, NOT CONNECTED TO SUPPORT PILING IN ACCORDANCE WITH LIMWA FEMA STANDARDS.
6. GARAGE DOORS SHALL BE NON BEARING AND BREAKAWAY DESIGN BELOW THE LOWEST HORIZONTAL STRUCTURAL MEMBER MIN. (EL 9.0).
7. LOWER LEVEL BELOW EL. 10.0 SHALL ONLY BE USED FOR STORAGE AND PARKING AND SHALL NOT BE USED FOR HABITABLE SPACE.
8. THE PROPOSED GARAGE WILL BE ENCLOSED USING NON BEARING (FEMA APPROVED) BREAKAWAY WALLS.
9. ALL DUCT WORK, ELECTRICAL COMPONENTS AND MECHANICALS SERVING THE BUILDING SHALL BE LOCATED ABOVE THE DFE AND ALL SERVICE CONDUIT AND/OR PIPING FOR THE SUBJECT BUILDING SHALL NOT BE LOCATED ON THE BREAK-AWAY WALLS.
10. ALL STAIRWAY SYSTEMS FOR THE SUBJECT BUILDING BELOW THE DFE SHALL BE OF BREAK-AWAY CONSTRUCTION DESIGN AND SHALL BREAK CLEANLY AWAY DURING THE BASE FLOOD EVENT WITHOUT CAUSING DAMAGE TO THE BUILDING OR ITS FOUNDATION, OR THE STAIRWAY SYSTEMS SHALL BE DESIGNED TO RESIST FLOOD LOADS AND REMAIN IN PLACE DURING THE BASE FLOOD EVENT WITH THE ELEVATED BUILDING AND ITS FOUNDATION DESIGNED TO RESIST ANY FLOOD LOADS THAT ARE TRANSFERRED FROM THE STAIRS TO THE BUILDING.
11. THE BUILDING AND ANY ASSOCIATED DECKS, WHICH ARE LOCATED IN THE COASTAL A FLOOD ZONE, SHALL BE DESIGNED WITH A DEEP FOUNDATION (PILES OR COLUMNS) TO SUPPORT THE STRUCTURE IN THE EVENT OF SCOUR OR EROSION, AND THE BOTTOM OF THE LOWEST HORIZONTAL STRUCTURAL MEMBER FOR THE ELEVATED STRUCTURE, INCLUDING GARAGE, SHALL BE ABOVE THE DFE.

EXISTING LOT COVERAGE	
WALL WITH PILLARS	95.0 S.F.
A/C DECK	9.2 S.F.
A/C DECK	8.3 S.F.
A/C DECK	6.3 S.F.
A/C DECK	7.6 S.F.
STEPPING STONES	85.0 S.F.
WOOD STEPS	62.4 S.F.
SLATE PORCH	89.5 S.F.
SLATE STEPS	12.6 S.F.
2 1/2 STORY DWELL.	2105.3 S.F.
WOOD PLATFORM	7.6 S.F.
CONCRETE WALK	248.2 S.F.
SLATE PORCH	23.4 S.F.
BRICK PATIO	362.7 S.F.
RINSE STATION	16.9 S.F.
SLATE PAD	22.6 S.F.
ASPHALT DRIVEWAY	838.1 S.F.
SHED	224.4 S.F.
TOTAL	4225.1 S.F.
	49.7%

PROPOSED LOT COVERAGE	
WALL WITH PILLARS	95.0 S.F.
FIRE PIT	19.6 S.F.
PROP. INGROUND POOL	284.0 S.F.
GRILL	65.3 S.F.
COVERED PORCH	210.4 S.F.
STEPPING STONES	65.3 S.F.
STEPPING STONES	54.4 S.F.
PROP. 2 1/2 STY DWELL.	1661.2 S.F.
ROOF O.H.	21.6 S.F.
COVERED PORCH	185.5 S.F.
PROP. GARAGE	405.0 S.F.
PROP. CURB	31.2 S.F.
TOTAL	3078.5 S.F.
	36.2%

EXISTING BUILDING COVERAGE	
A/C DECK	9.2 S.F.
A/C DECK	8.3 S.F.
A/C DECK	6.3 S.F.
A/C DECK	7.6 S.F.
SLATE PORCH	89.5 S.F.
2 1/2 STORY DWELL.	2105.3 S.F.
STEP	33.6 S.F.
SLATE PORCH	23.4 S.F.
RINSE STATION	16.9 S.F.
SHED	224.4 S.F.
TOTAL	2524.5 S.F.
	29.7%

PROPOSED BUILDING COVERAGE	
LANDING WITH STEPS	45.7 S.F.
COVERED PORCH	210.4 S.F.
PROP. 2 1/2 STY DWELL.	1661.2 S.F.
ROOF O.H.	21.6 S.F.
LANDING WITH STEPS	127.3 S.F.
COVERED PORCH	185.5 S.F.
PROP. GARAGE	405.0 S.F.
TOTAL	2856.7 S.F.
	31.3%

PROPERTY IS LOCATED IN R-100-BF ZONE

DESCRIPTION	REQUIRED	EXISTING	PROPOSED
MIN LOT SIZE	10,000 S.F.	8,498.16 S.F.*	8,498.16 S.F.*
LOT WIDTH	100 FT.	58.0 FT.*	58.0 FT.*
FRONT SETBACK	35 FT.	28.3 FT.*(BH)	49.1 FT.(BH); 45.3 FT. (LANDING)
		25.9 FT.*(F.M.)	46.7 FT. F.M.; 42.9 FT. (LANDING)
SIDE SETBACK	10 FT.	7.3 FT.*	10.3 FT. (DWELL); 6.3 FT.*(LANDING)
COMBINED	25 FT.	24.6 FT.*	23.9 FT.*(DWELL); 19.9 FT.*(LANDING)
REAR SETBACK	15 FT.	31.2 FT.*	29.0 FT.*
BUILDING COVERAGE	35%	29.7%	31.3%
LOT COVERAGE	50%	49.7%	36.2%
MAX HEIGHT(STORIES)	2.5 STORIES	2.5 STORIES	2.5 STORIES
MAX HEIGHT(Feet) ⁽¹⁾	32.5 FT.	21.92 FT.	32.5 FT.

ACCESSORY (BUILDING)	REQUIRED	EXISTING	PROPOSED
SIDE SETBACK	10 FT.	4.5 FT. (SHED)	5.0 FT.*(GARAGE)
REAR SETBACK	10 FT.	3.6 FT. (SHED)	5.0 FT.*(GARAGE)
TO ADJ. BUILDING	5 FT.	9.3 FT. (SHED)	6.0 FT. (GARAGE)
HEIGHT	16 FT.	8.11 FT. (SHED)	16.0 FT. (GARAGE)

ACCESSORY (MECH.)	REQUIRED	EXISTING	PROPOSED
SIDE SETBACK	10 FT.	7.8 FT.*	10.0 FT.
REAR SETBACK	10 FT.	82.7 FT.*	15.2 FT.

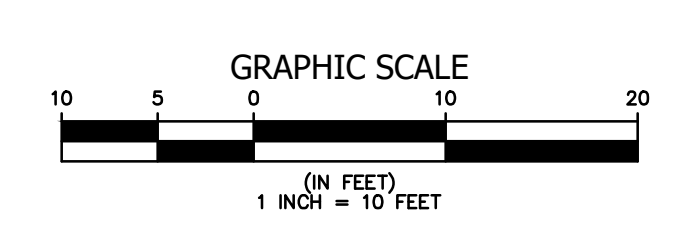
ACCESSORY (POOL)	REQUIRED	EXISTING	PROPOSED
SIDE SETBACK	10 FT.	N/A	10.0 FT.
BULKHEAD SETBACK	20 FT.	N/A	21.5 FT.

- (1) HEIGHT ABOVE BFE
- * EXISTING NON-COMFORMING
- ** VARIANCE REQUESTED

- REFERENCES**
- DEED BOOK 15781, PAGE 1866
 - FILED MAP No. E-202
 - MAP ENTITLED "PLAN OF SURVEY MADE FOR WILLIAM P. AND LORI WHITE, TAX BLOCK 67 LOTS 2.01 & 2.02" DATED 3/15/14, PREPARED BY RAGAN LAND SURVEYING P.C.
 - RIPARIAN GRANT TO ALVIN STRICKLAND & SONS, INC. SEPT. 19, 1942 DEED BOOK 950 PAGE 458
 - RIPARIAN GRANT TO ARTHUR L. AND HELENA L. STRICKLAND JAN. 7, 1946 DEED BOOK 1203 PAGE 460

DESCRIPTION OF PROPERTY
BEING KNOWN AS LOTS 2.01, 2.02 & 2.03 IN BLOCK 67 ON THE TAX MAP SHEET 5 OF BOROUGH OF BAY HEAD, OCEAN COUNTY, NEW JERSEY.

OWNER:
WILLIAM & LORI WHITE
32 COLT ROAD
SUMMIT, NJ 07901-1670



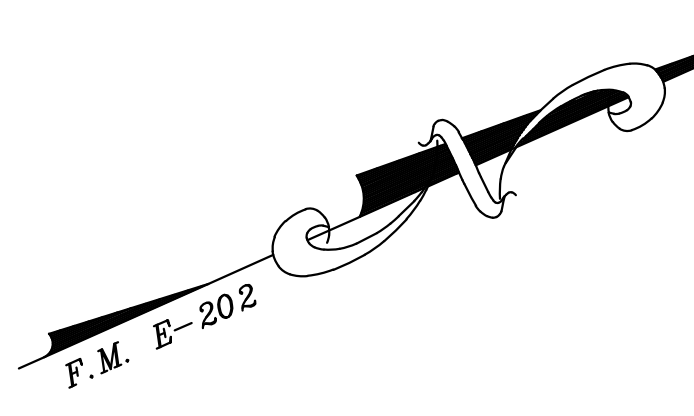
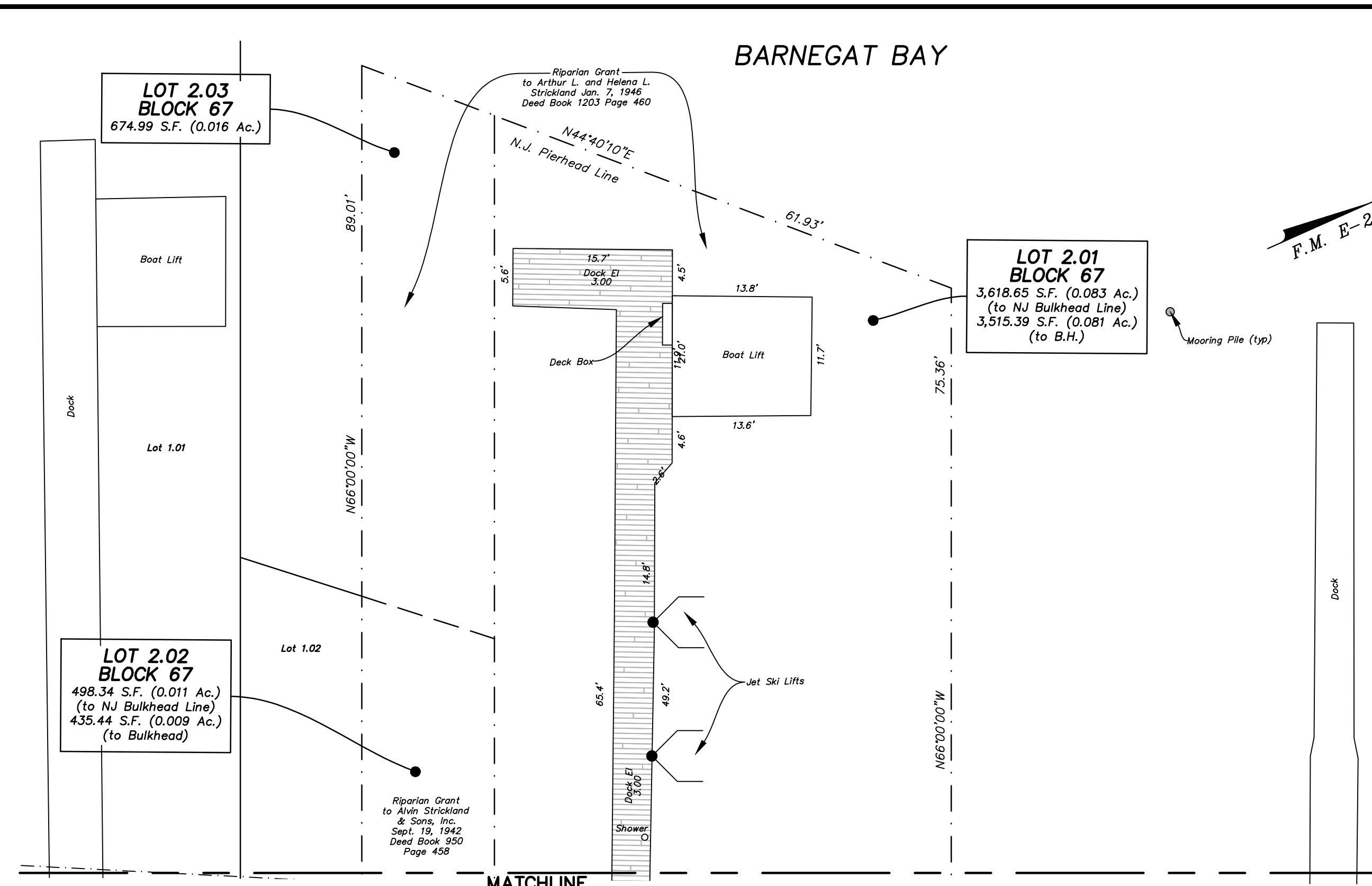
NO.	DATE	REVISION DESCRIPTION	BY

Lindstrom, Diessner & Carr, P.C.
ENGINEERING ♦ SURVEYING ♦ PLANNING
136 Drum Point Road • Suite 6 • Brick, NJ 08723 • Tel. (732)477-8900 • Fax (732)477-8026

PLOT PLAN
LOTS 2.01, 2.02, 2.03 BLOCK 67

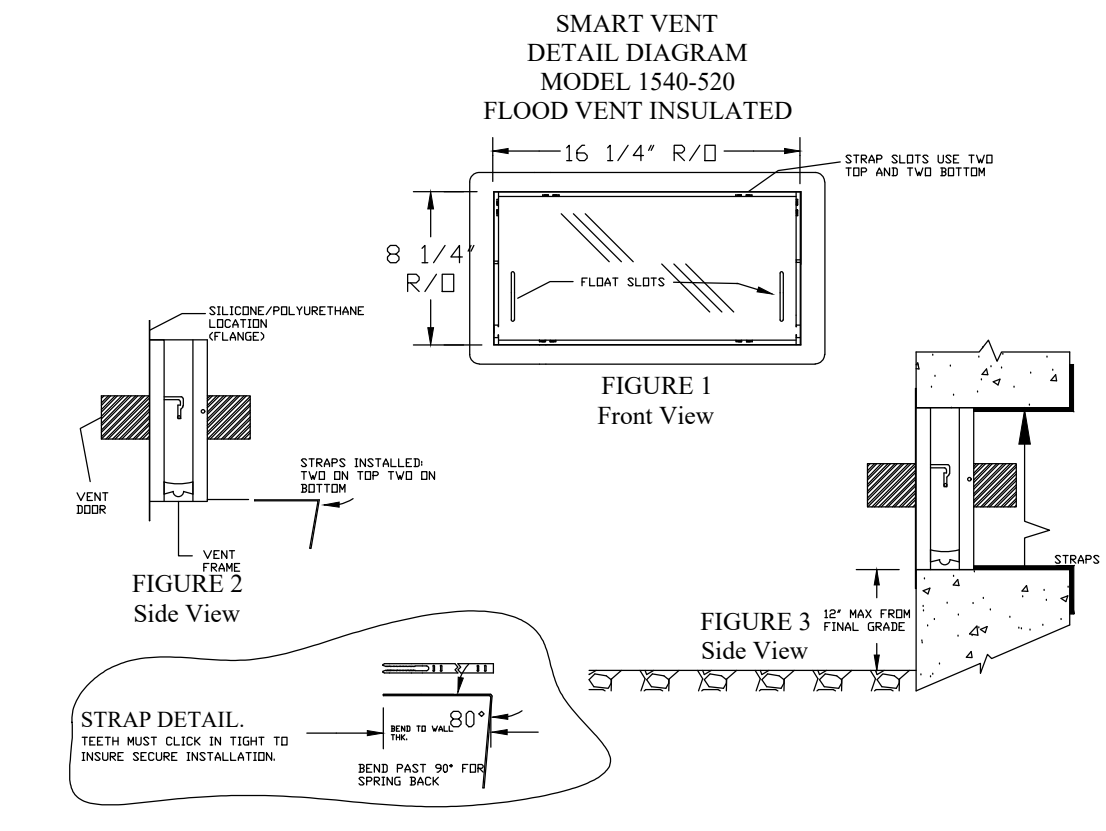
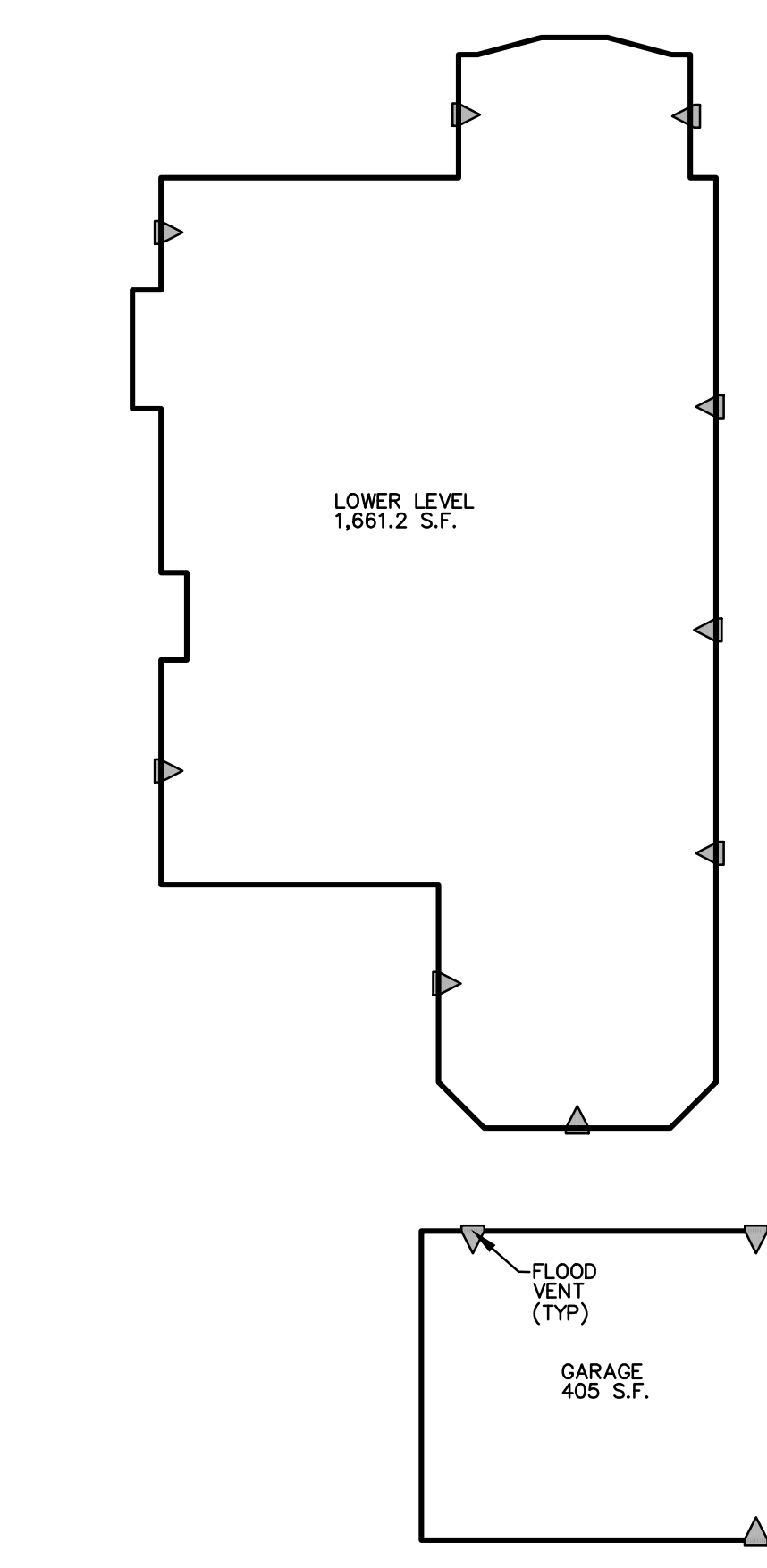
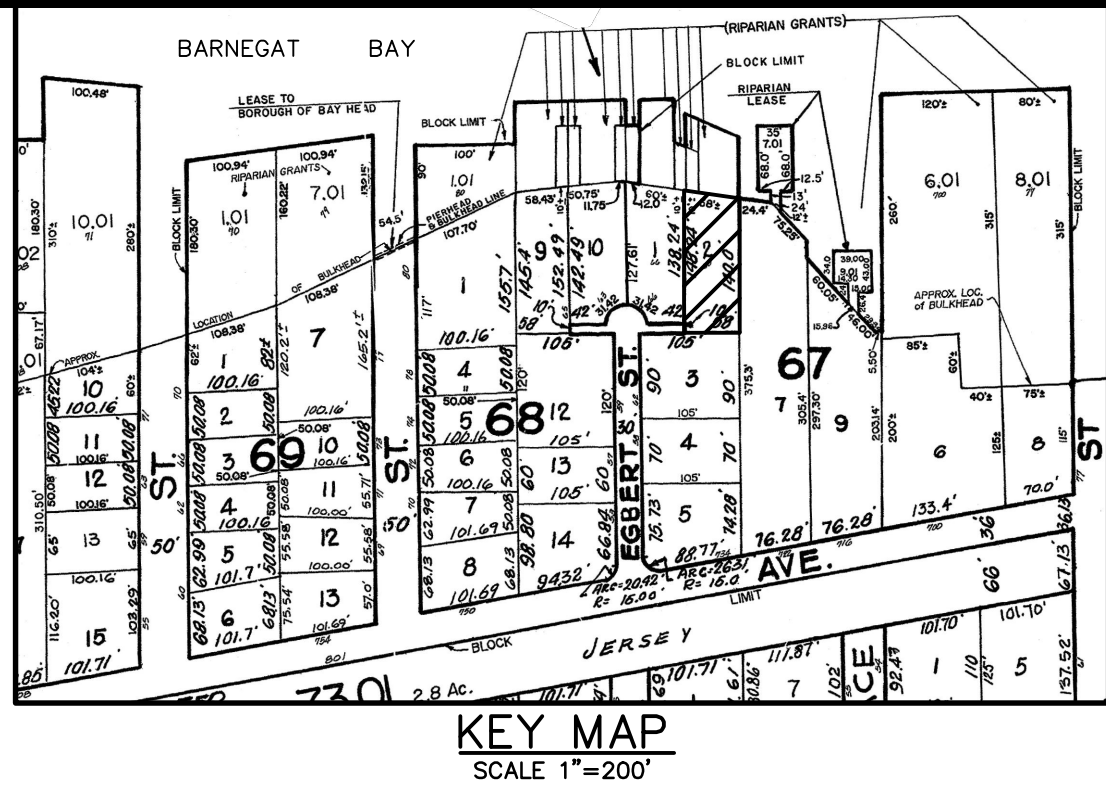
BOROUGH OF BAY HEAD	OCEAN COUNTY	NEW JERSEY
DRAWN BY: JAR	SCALE: 1"=10'	DATE: 1/10/2024
SHEET: 1 OF 2	PROJECT: 23052	

CHARLES E. LINDSTROM
PROFESSIONAL ENGINEER N.J. LIC. NO. 246E02473900
PROFESSIONAL PLANNER N.J. LIC. NO. 33U00233300

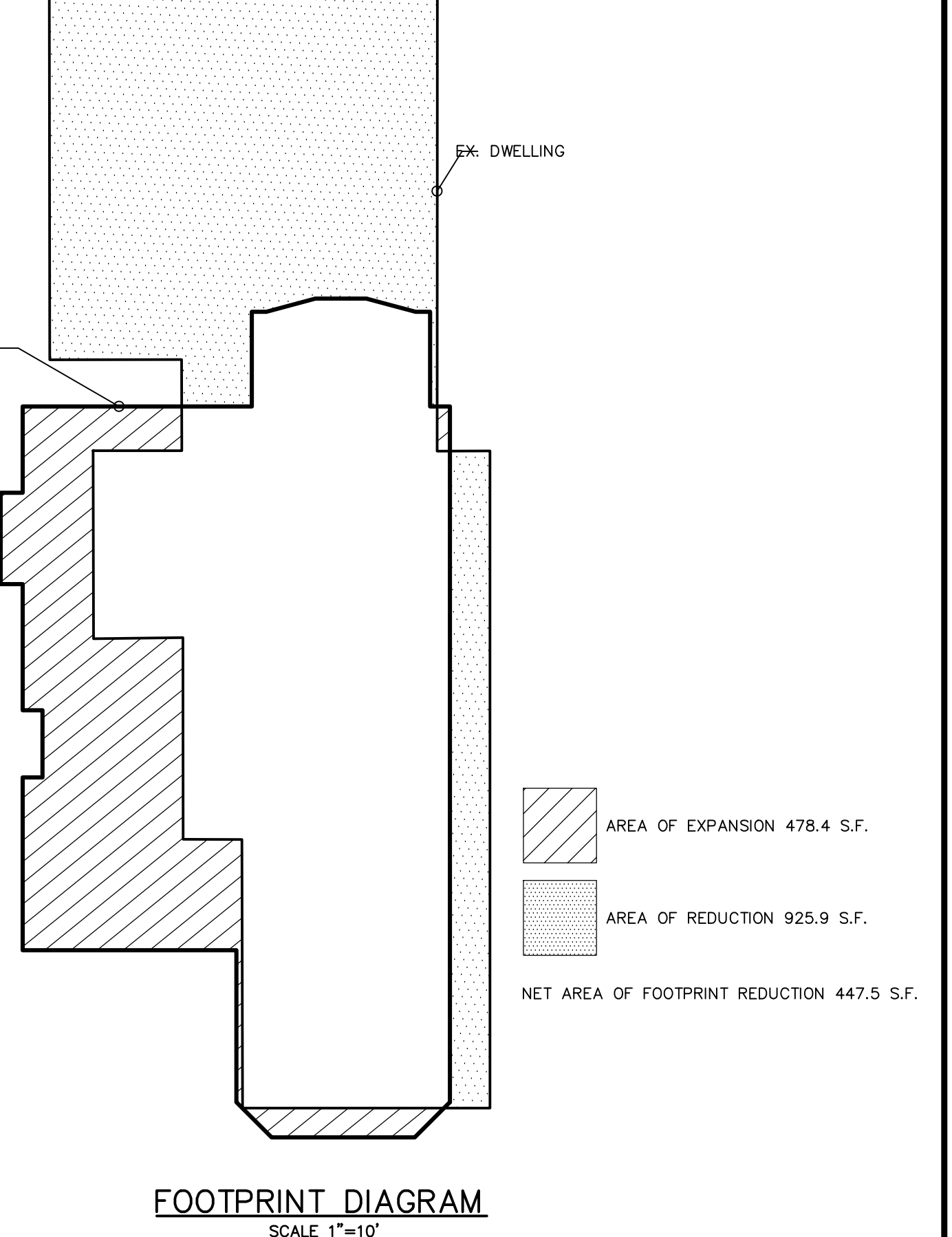
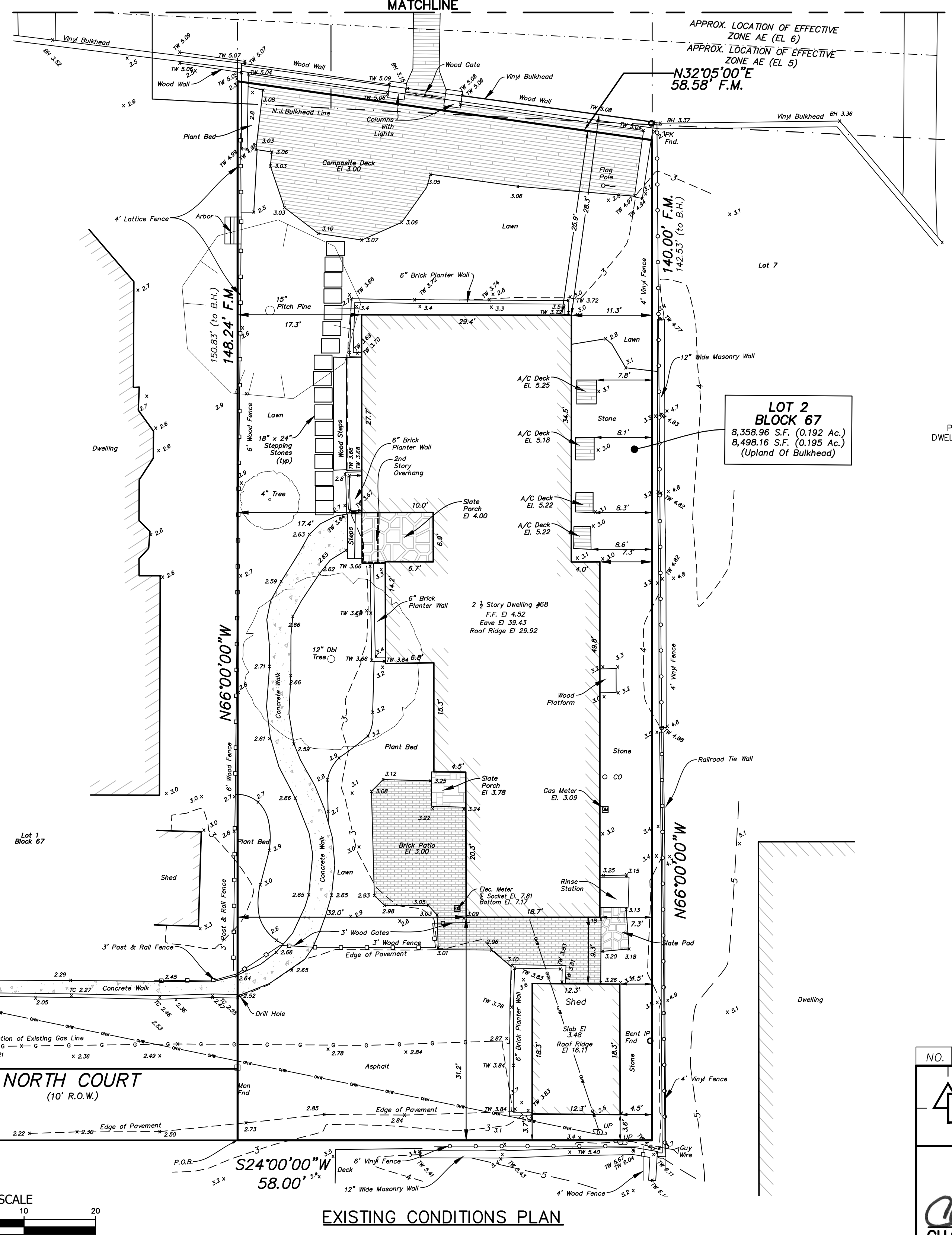
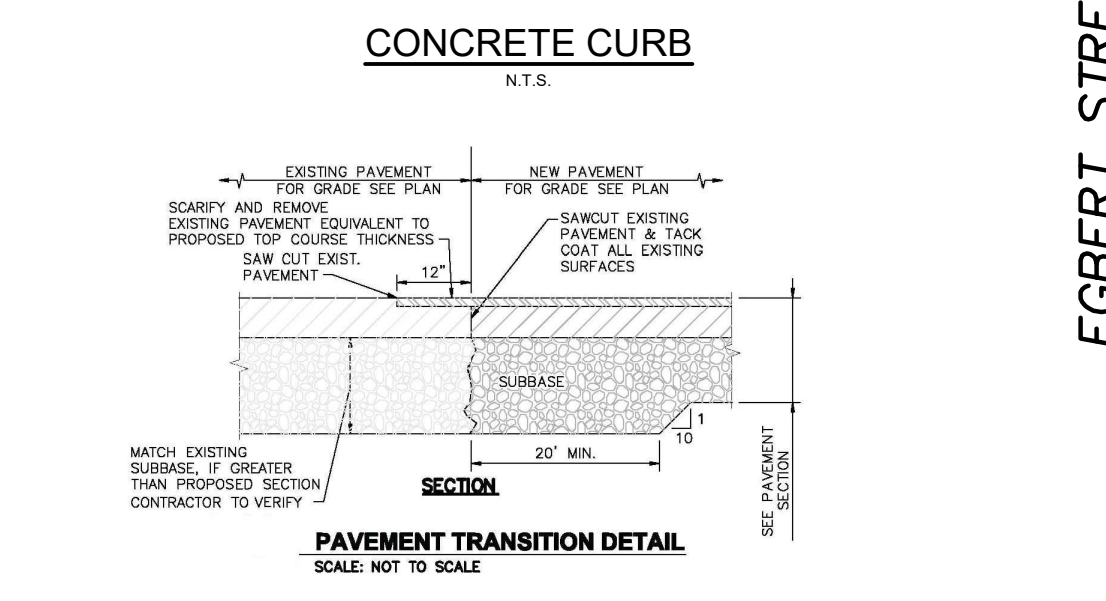
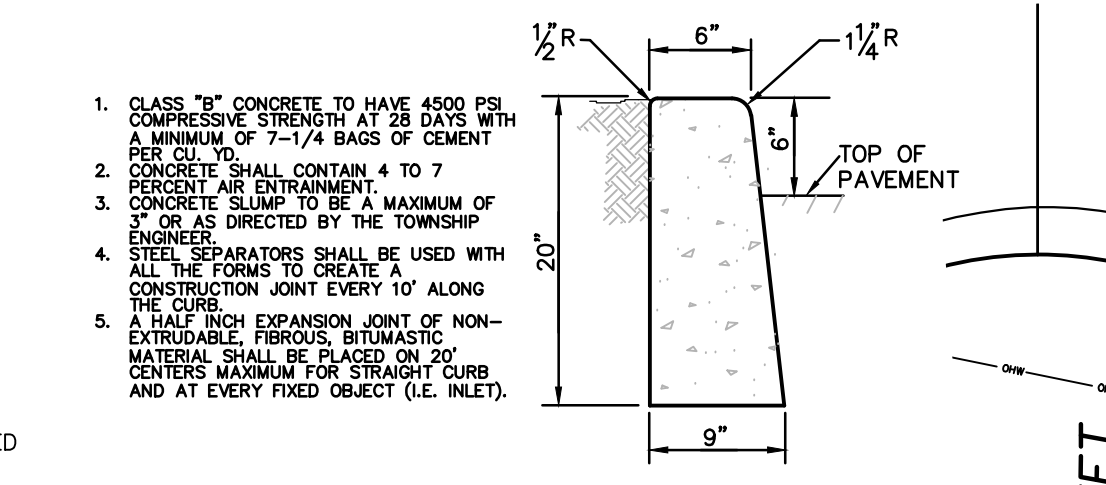


LEGEND:

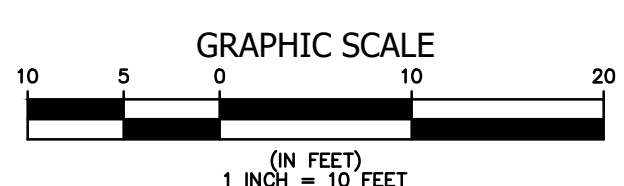
- 47--- EXISTING CONTOUR
- 123.45 PROPOSED CONTOUR
- 123.45 EXISTING SPOT GRADE
- 123.45 PROPOSED SPOT GRADE
- EXISTING INLET
- PROPOSED INLET
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING M.H.
- PROPOSED M.H.
- EXISTING UTILITY POLE
- PROPOSED UTILITY POLE
- SOIL BORING LOCATION
- EXISTING VALVE
- PROPOSED VALVE
- EXISTING WOODS LINE
- PROPOSED WOODS LINE
- TOP OF BLOCK



- FLOOD VENTS SHALL MEET THE FOLLOWING:**
1. THE INVERT OF EACH FLOOD VENT SHALL BE NO MORE THAN 12 INCHES ABOVE THE ADJOINING EXTERIOR GRADE OR INTERIOR SLAB.
 2. THE INVERT OF AT LEAST HALF OF THE FLOOD VENTS SHALL BE NO MORE THAN 12 INCHES ABOVE THE FLOOR OF THE BUILDING.
 3. THE COMBINED EFFECTIVE OPEN AREA OF THE FLOOD VENTS SHALL BE AT LEAST ONE SQUARE INCH PER SQUARE FOOT OF THE AREA OF THE FOOTPRINT OF THE BUILDING, UNLESS A SMALLER FEMA-APPROVED DEVICE WITH AN EQUIVALENT EFFECTIVE AREA IS UTILIZED; AND
 4. THE FLOOD VENTS SHALL NOT BE BLOCKED AT ANY TIME, BUT SHALL PERMANENTLY REMAIN OPEN SO THAT THE FLOODWATERS CAN FREELY ENTER THE BUILDING TO BALANCE HYDROSTATIC PRESSURE DURING A FLOOD.
 5. NO FLOOD VENT SHALL BE PLACED CLOSER THAN 3 FEET TO A GAS METER OR GAS CONSUMING APPLIANCE.
 6. SEE ARCHITECTURAL PLANS FOR FLOOD VENT DETAILS AND MODEL.
 7. ENGINEERED SMART FLOOD VENTS TO BE PROVIDED FOR ALL ENCLOSED AREAS OF THE LOWER LEVEL ON THE BASIS OF 1 VENT PER 200 SQ. FT. OF ENCLOSURE.



1,661.2 S.F. LOWER LEVEL + 200 S.F./VENT = 9 VENTS REQUIRED 9 VENTS PROVIDED
 405 S.F. GARAGE + 200 S.F./VENT = 3 VENTS REQUIRED 3 VENTS PROVIDED



NO.	DATE	REVISION DESCRIPTION	BY

Lindstrom, Diessner & Carr, P.C.
 ENGINEERING ♦ SURVEYING ♦ PLANNING
 136 Drum Point Road • Suite 6 • Brick, NJ 08723 • Tel. (732)477-8900 • Fax. (732)477-8026

PLOT PLAN
 LOTS 2,2.01, 2.02, 2.03 BLOCK 67

CHARLES E. LINDSTROM
 PROFESSIONAL ENGINEER N.J. LIC. NO. 246E02473900
 PROFESSIONAL PLANNER N.J. LIC. NO. 33U00233300

BOROUGH OF BAY HEAD	OCEAN COUNTY	NEW JERSEY
DRAWN BY: JAR	SCALE: 1"=10'	DATE: 1/10/2024
SHEET: 2 OF 2	PROJECT: 23052	