

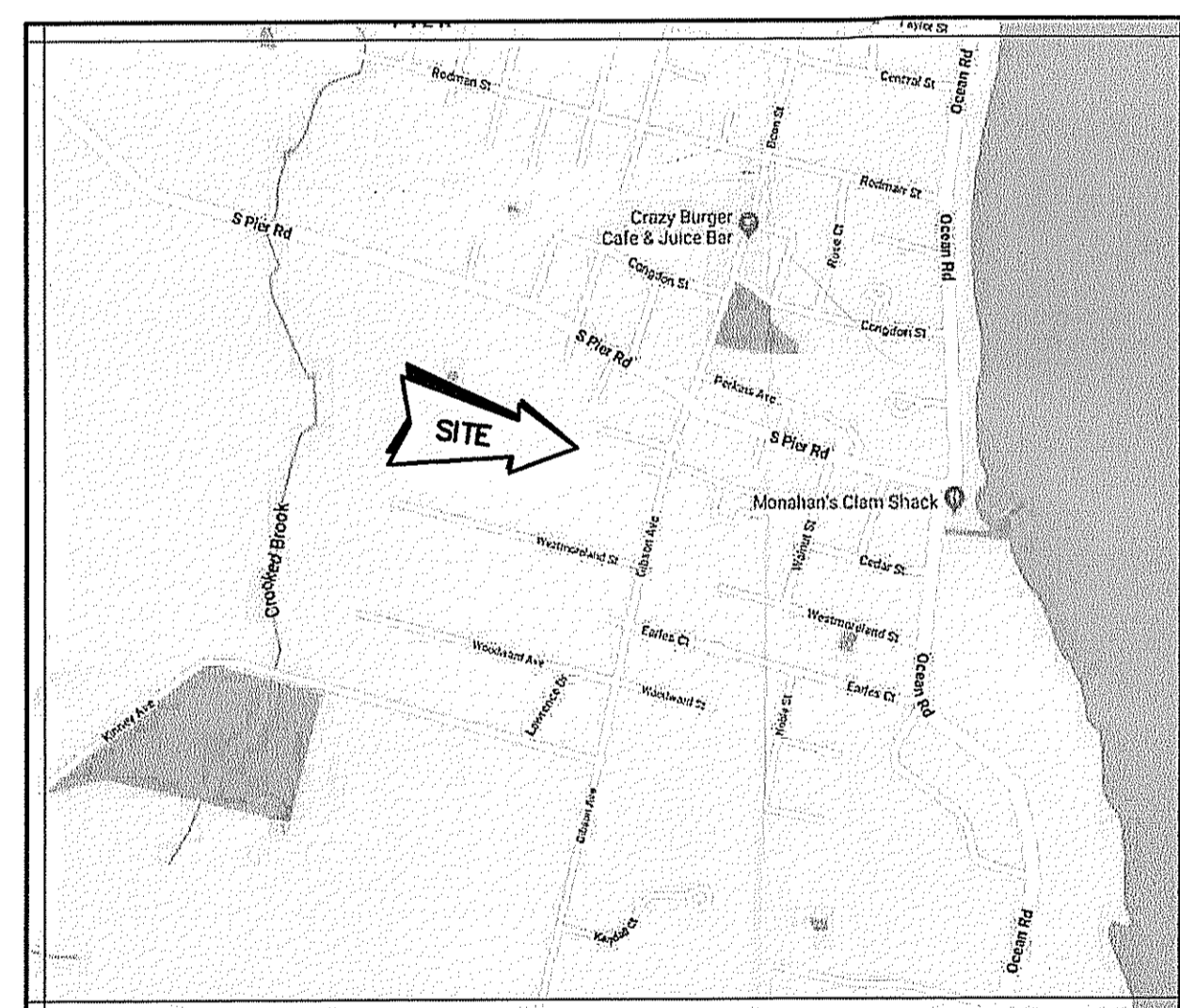
SITE PLANS

BUCCI RESIDENCE

A.P. Q, LOT 15
TUCKER AVENUE
NARRAGANSETT, RI

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

OWNER / APPLICANT:
EUGENE V. AND WNDY A. BUCCI
17 KING'S RIDGE ROAD
WAKEFIELD, RI 02879



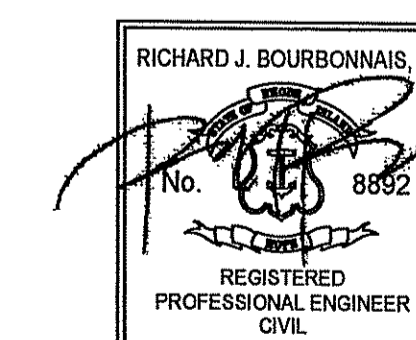
LOCATION MAP
NOT TO SCALE

SHEET INDEX:

SHEET		LAST REVISED
1	COVER SHEET	10/9/2018
2	EXISTING CONDITIONS SURVEY	
3	SITE LAYOUT PLAN	10/9/2018
4	GRADING, DRAINAGE, AND UTILITIES PLAN	10/9/2018
5	ROADWAY PLAN AND PROFILE	10/9/2018
6	SOIL EROSION AND SEDIMENT CONTROL PLAN	10/9/2018

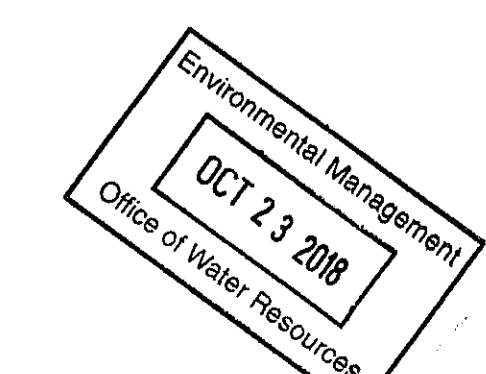
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 06 2018 FILE # 18-0203
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

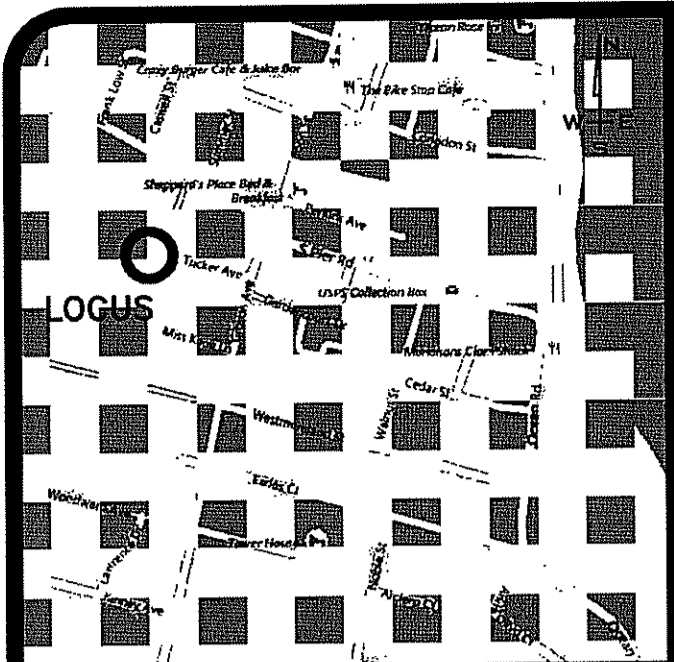
PREPARED BY:
RICHARD J. BOURBONNAIS, II, RLA, PE
180 INDIAN TRAIL
NARRAGANSETT, RI 02882
p. 401-932-3124



JULY 2018

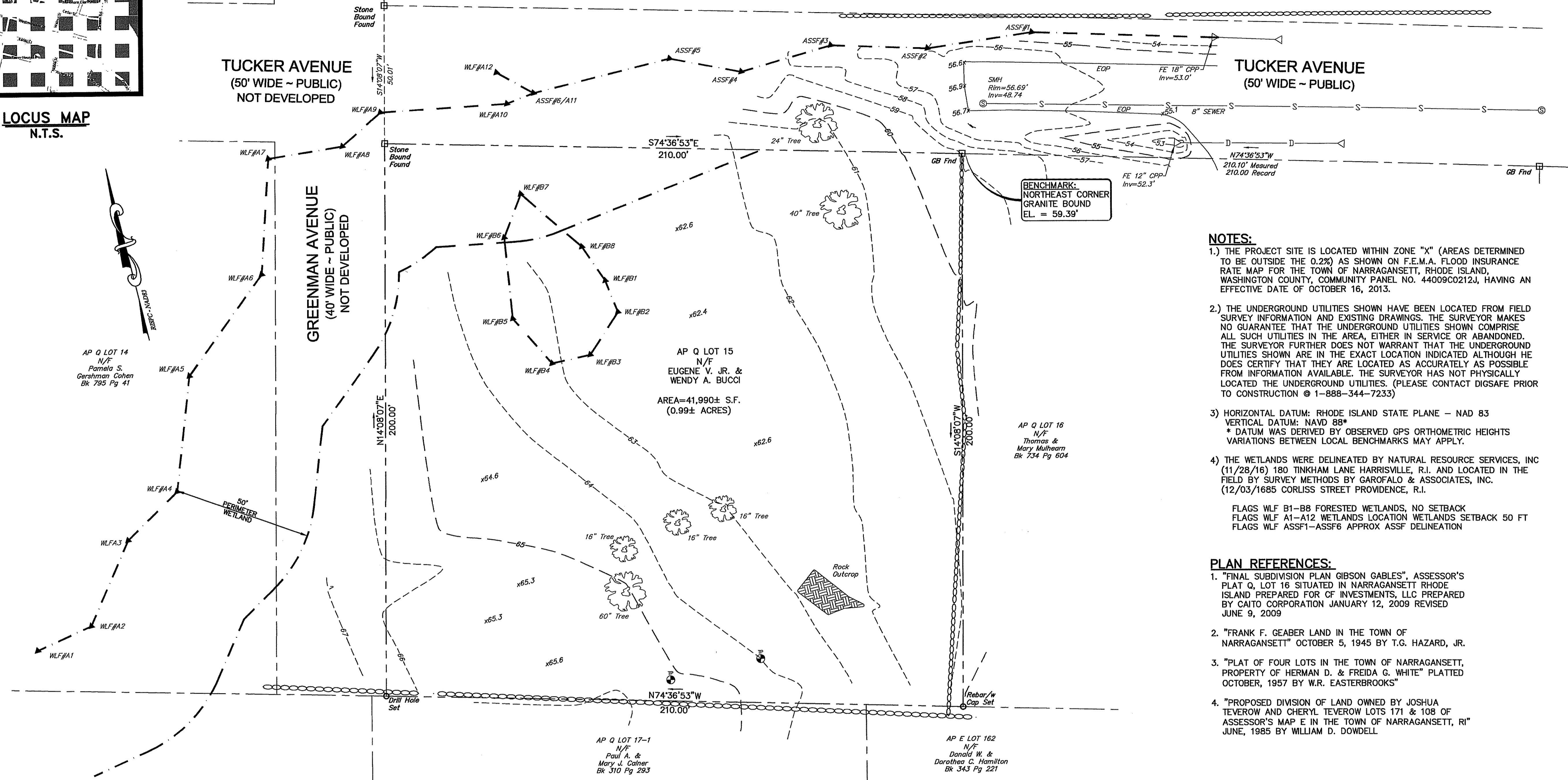
10/9/2018





LOCUS MAP
N.T.S.

STREET INDEX	
TUCKER AVENUE	



- NOTES:**
- 1.) THE PROJECT SITE IS LOCATED WITHIN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2%) AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE TOWN OF NARRAGANSETT, RHODE ISLAND, WASHINGTON COUNTY, COMMUNITY PANEL NO. 44009C0212J, HAVING AN EFFECTIVE DATE OF OCTOBER 16, 2013.
 - 2.) THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. (PLEASE CONTACT DIGSAFE PRIOR TO CONSTRUCTION @ 1-888-344-7235)
 - 3.) HORIZONTAL DATUM: RHODE ISLAND STATE PLANE - NAD 83
VERTICAL DATUM: NAVD 88*
* DATUM WAS DERIVED BY OBSERVED GPS ORTHOMETRIC HEIGHTS VARIATIONS BETWEEN LOCAL BENCHMARKS MAY APPLY.
 - 4.) THE WETLANDS WERE DELINEATED BY NATURAL RESOURCE SERVICES, INC (11/28/16) 180 TINKHAM LANE HARRISVILLE, R.I. AND LOCATED IN THE FIELD BY SURVEY METHODS BY GAROFALO & ASSOCIATES, INC. (12/03/1685 CORLISS STREET PROVIDENCE, R.I.)
- FLAGS WLF B1-B8 FORESTED WETLANDS, NO SETBACK
 FLAGS WLF A1-A12 WETLANDS LOCATION WETLANDS SETBACK 50 FT
 FLAGS WLF ASSF1-ASSF6 APPROX ASSF DELINEATION

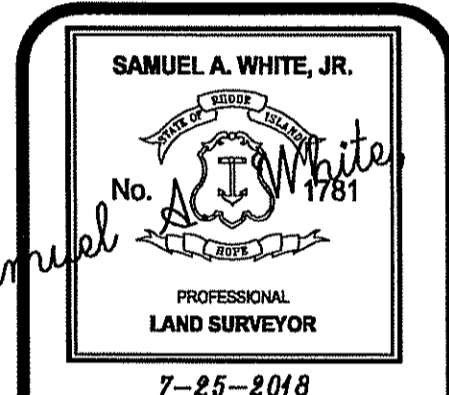
- PLAN REFERENCES:**
1. "FINAL SUBDIVISION PLAN GIBSON GABLES", ASSESSOR'S PLAT Q, LOT 16 SITUATED IN NARRAGANSETT RHODE ISLAND PREPARED FOR CF INVESTMENTS, LLC PREPARED BY CAITO CORPORATION JANUARY 12, 2009 REVISED JUNE 9, 2009
 2. "FRANK F. GEAHER LAND IN THE TOWN OF NARRAGANSETT" OCTOBER 5, 1945 BY T.G. HAZARD, JR.
 3. "PLAT OF FOUR LOTS IN THE TOWN OF NARRAGANSETT, PROPERTY OF HERMAN D. & FREIDA G. WHITE" PLATTED OCTOBER, 1957 BY W.R. EASTERBROOKS"
 4. "PROPOSED DIVISION OF LAND OWNED BY JOSHUA TEVEROW AND CHERYL TEVEROW LOTS 171 & 108 OF ASSESSOR'S MAP E IN THE TOWN OF NARRAGANSETT, RI" JUNE, 1985 BY WILLIAM D. DOWDELL

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Jonathan D. Wenzel

EXISTING CONDITIONS SURVEY
FOR
AP Q LOT 16
SITUATED ON
TUCKER AVENUE
NARRAGANSETT, RHODE ISLAND
PREPARED FOR
EUGENE BUCCI, JR.

NO.	REVISION	BY	DATE



GAROFALO
GAROFALO & ASSOCIATES, INC.
CIVIL & STRUCTURAL ENGINEERS/SURVEYORS
LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

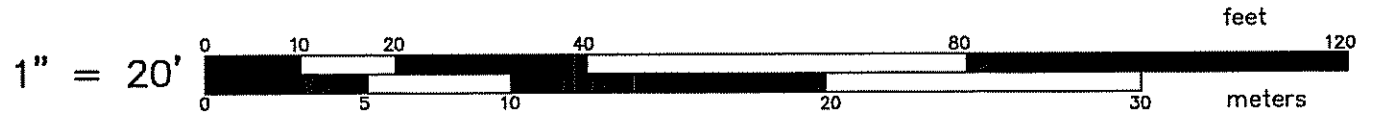
85 CORLISS STREET
P.O. BOX 6145
PROVIDENCE, R.I. 02940
TEL. 401-273-6000

GENERAL LEGEND & ABBREVIATIONS

N/F	NOW OR FORMERLY	---80---	CONTOUR (5')
S.F.	SQUARE FEET	---82---	CONTOUR (1')
AC.	ACRES	x84.4	SPOT GRADE
BK	BOOK and PAGE	---	DRAIN LINE
CB	CATCH BASIN	---	WATER LINE
CB	CATCH BASIN	---	ELECTRIC LINE
DMH	DRAIN MANHOLE	---	SEWER LINE
SMH	SEWER MANHOLE	---	TELEPHONE LINE
TMH	SEWER MANHOLE	---	COMMUNICATION LINE
EMH	ELECTRIC MANHOLE	---	OVERHEAD WIRES
EMH	ELECTRIC HANDHOLE	---	TREES/SHRUBS (VARIOUS SPECIES)
WG	WATER GATE/WATER SHUT-OFF	---	LOCUS PROPERTY LINE
GG	GAS GATE	---	ASSESSORS LINE
INV.	INVERTS	---	
GB	GRANITE BOUND	---	
TP	TEST PIT	---	
EOP	EDGE OF PAVEMENT	---	

PARCEL DATA	
A.P. Q, LOT 16	
N/F	EUGENE V. JR. & WENDY A. BUCCI
	DEED BK. 895 / PG. 81
	TUCKER AVENUE
	LOT AREA:
	41,990 S.F.± OR
	0.99 ACRES±

ZONING DATA	
R-10 DISTRICT	
MIN. LOT SIZE: 10,000 SF.	
MAX. LOT COVERAGE: 25%	
MIN. FRONTAGE: 100'	
MIN. FRONT YARD: 25'	
MIN. SIDE YARD: 10'	
MIN. REAR YARD: 20'	
MAX. BLDG. HEIGHT: 35'	
* PLEASE REFER TO ZONING REGS. FOR ADDITIONAL INFORMATION.	



CERTIFICATION:
THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

COMPREHENSIVE BOUNDARY SURVEY - CLASS I
TOPOGRAPHIC SURVEY - T-2

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: TO PROVIDE AN EXISTING CONDITIONS SURVEY FOR PROPOSED IMPROVEMENTS TO THE SITE.

By: *Samuel A. White, Jr.*
SAMUEL A. WHITE LICENSE NO. 1781
LS A59-COA

JOB NO. 7098.00	DRAWN BY RSE
DWG. NO. 7098-ECS	CALCS BY RSE
SCALE: 1"=20'	APPROVED SAW
	DATE: OCTOBER, 2017

SHEET
1/2
OF 4 SHEETS

NO.	DATE	REVISION
1	10/9/2018	PERMITTING MOD.

STREET INDEX	
TUCKER AVENUE	

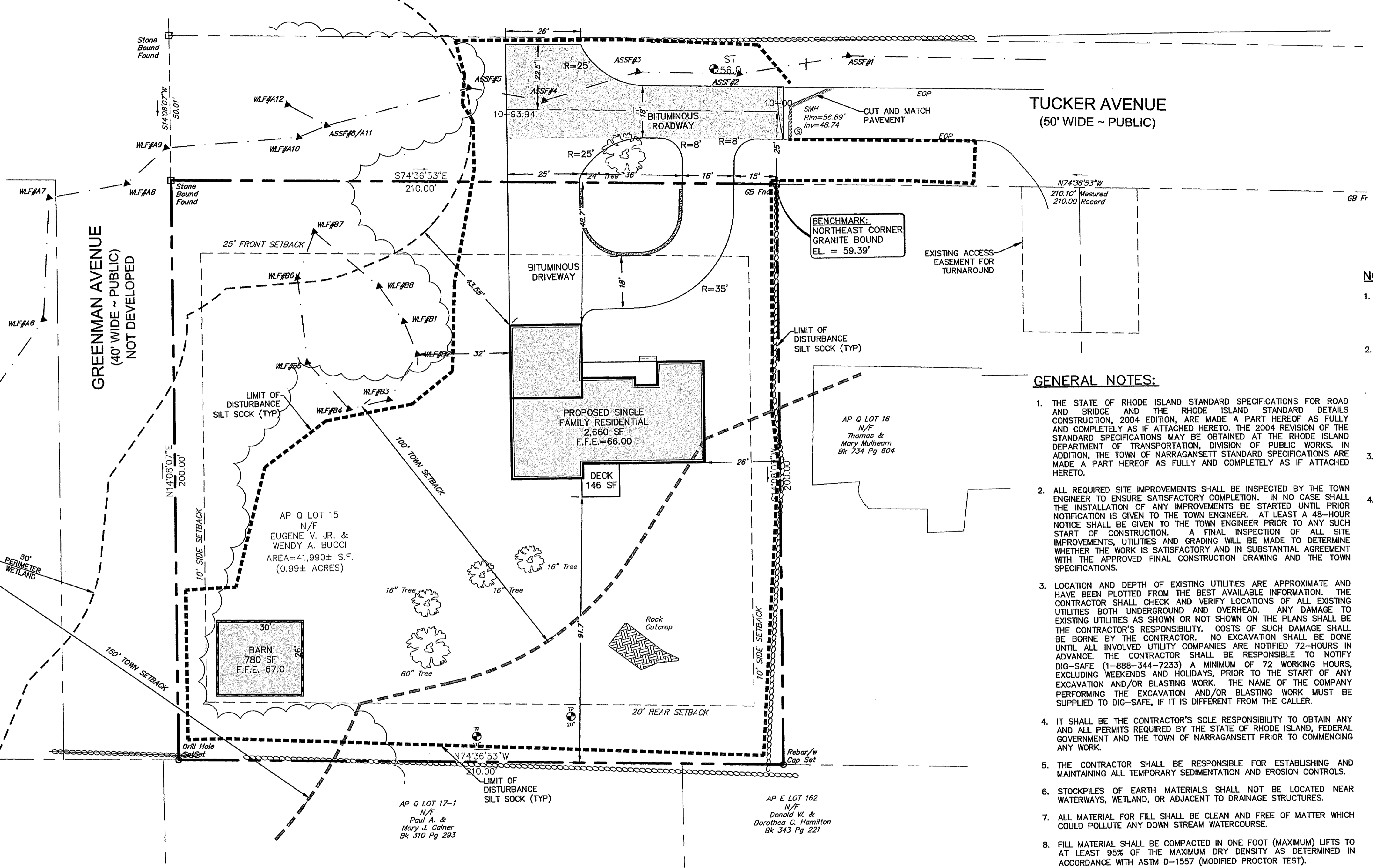
PARCEL DATA

A.P. Q, LOT 15
N/F
EUGENE V. JR. & WENDY A. BUCCI
DEED BK. 895 / PG. 81
TUCKER AVENUE
LOT AREA:
41,990 S.F.± OR
0.99 ACRES±

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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FILE # 18-0203
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- NOTES:**
1. THE PROJECT SITE IS LOCATED WITHIN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2%) AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE TOWN OF NARRAGANSETT, RHODE ISLAND, WASHINGTON COUNTY, COMMUNITY PANEL NO. 4400SC02124, HAVING AN EFFECTIVE DATE OF OCTOBER 16, 2013.
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GENERAL NOTES:

1. THE STATE OF RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE AND THE RHODE ISLAND STANDARD DETAILS FOR CONSTRUCTION, 2004 EDITION, ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO. THE 2004 REVISION OF THE STANDARD SPECIFICATIONS MAY BE OBTAINED AT THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION, DIVISION OF PUBLIC WORKS. IN ADDITION, THE TOWN OF NARRAGANSETT STANDARD SPECIFICATIONS ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO.
2. ALL REQUIRED SITE IMPROVEMENTS SHALL BE INSPECTED BY THE TOWN ENGINEER TO ENSURE SATISFACTORY COMPLETION. IN NO CASE SHALL THE INSTALLATION OF ANY IMPROVEMENTS BE STARTED UNTIL PRIOR NOTIFICATION IS GIVEN TO THE TOWN ENGINEER. AT LEAST A 48-HOUR NOTICE SHALL BE GIVEN TO THE TOWN ENGINEER PRIOR TO ANY SUCH START OF CONSTRUCTION. A FINAL INSPECTION OF ALL SITE IMPROVEMENTS, UTILITIES AND GRADING WILL BE MADE TO DETERMINE WHETHER THE WORK IS SATISFACTORY AND IN SUBSTANTIAL AGREEMENT WITH THE APPROVED FINAL CONSTRUCTION DRAWING AND THE TOWN SPECIFICATIONS.
3. LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL CHECK AND VERIFY LOCATIONS OF ALL EXISTING UTILITIES BOTH UNDERGROUND AND OVERHEAD. ANY DAMAGE TO EXISTING UTILITIES AS SHOWN OR NOT SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS OF SUCH DAMAGE SHALL BE BORNE BY THE CONTRACTOR. NO EXCAVATION SHALL BE DONE UNTIL ALL INVOLVED UTILITY COMPANIES ARE NOTIFIED 72-HOURS IN ADVANCE. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY DIG-SAFE (1-888-344-7233) A MINIMUM OF 72 WORKING HOURS, EXCLUDING WEEKENDS AND HOLIDAYS, PRIOR TO THE START OF ANY EXCAVATION AND/OR BLASTING WORK. THE NAME OF THE COMPANY PERFORMING THE EXCAVATION AND/OR BLASTING WORK MUST BE SUPPLIED TO DIG-SAFE, IF IT IS DIFFERENT FROM THE CALLER.
4. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE OF RHODE ISLAND, FEDERAL GOVERNMENT AND THE TOWN OF NARRAGANSETT PRIOR TO COMMENCING ANY WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION AND EROSION CONTROLS.
6. STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED NEAR WATERWAYS, WETLAND, OR ADJACENT TO DRAINAGE STRUCTURES.
7. ALL MATERIAL FOR FILL SHALL BE CLEAN AND FREE OF MATTER WHICH COULD POLLUTE ANY DOWN STREAM WATERCOURSE.
8. FILL MATERIAL SHALL BE COMPACTED IN ONE FOOT (MAXIMUM) LIFTS TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D-1557 (MODIFIED PROCTOR TEST).
9. CONTRACTOR SHALL PROVIDE OWNER WITH A COMPLETE SET OF AS-BUILT DRAWINGS OF ALL INFRASTRUCTURE. AS-BUILT DRAWINGS SHALL BE CERTIFIED BY A RHODE ISLAND LICENSED PROFESSIONAL LAND SURVEYOR OR PROFESSIONAL ENGINEER.
10. WORK SHOWN ON THE PLANS FOR WHICH THERE ARE NO PARTICULAR DETAILS OR SPECIFICATIONS DOES NOT RELIEVE THE CONTRACTOR FROM FINISHING AND INSTALLING THE WORK. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE CONTRACT DOCUMENTS AND PLANS AND INSPECT THE SITE, AND THE BID PRICE SHALL INCLUDE ALL SERVICES AND MATERIALS AS NECESSARY TO COMPLETE THE PROJECT. ANY CHANGES TO THE PROJECT OR THE INSTALLATION OF AN ITEM FOR WHICH NO PARTICULAR DETAIL OR SPECIFICATION WAS PROVIDED MUST BE REVIEWED BY AND ACCEPTABLE TO THE ENGINEER.
11. THIS PLAN AND ACCOMPANYING CALCULATIONS FOR PROPOSED STORMWATER MANAGEMENT WAS PREPARED IN ACCORDANCE WITH THE PROVISIONS OF THE TOWN OF NARRAGANSETT ZONING ORDINANCE SECTION 7.7 "SUPPLEMENTARY DRAINAGE REQUIREMENTS" AND WAS DESIGNED TO CONFORM TO THE PROVISIONS THEREOF. I UNDERSTAND THAT THE TOWN OF NARRAGANSETT DOES NOT ASSUME LIABILITY FOR STORMWATER MANAGEMENT FACILITIES DESIGN BY OTHERS.

PLAN REFERENCES:

1. "FINAL SUBDIVISION PLAN GIBSON GABLES", ASSESSOR'S PLAT Q, LOT 16 SITUATED IN NARRAGANSETT RHODE ISLAND PREPARED FOR CF INVESTMENTS, LLC PREPARED BY CAITO CORPORATION JANUARY 12, 2009 REVISED JUNE 9, 2009
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DIMENSIONAL REQUIREMENTS:

ZONE: R-10 - RESIDENCE ZONE		
	REQUIRED	PROVIDED
SINGLE-FAMILY DWELLING		
LOT SIZE	10,000 SF	41,990 SF
LOT WIDTH	100 FT	200 FT
SETBACKS		
FRONT YARD	25 FT	48.7 FT
REAR YARD	20 FT	26 FT
SIDE YARD	10 FT	91.7 FT
LOT COVERAGE	25%	15.5%*

*PROPOSED COVERAGE INCLUDES STRUCTURE, BITUMINOUS DRIVEWAY, AND REAR DECK.
HOUSE: 2,660 S.F.
BARN: 780 S.F.
DRIVEWAY: 2,885 S.F.
DECK: 146 S.F.
TOTAL: 6,471 S.F.
6,471 S.F. / 41,990 S.F. = 0.155 = 15.5%

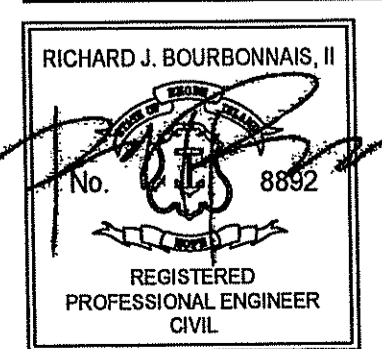
SITE LAYOUT PLAN

BUCCI RESIDENCE

A.P. Q, LOT 15
TUCKER AVENUE
NARRAGANSETT, RI

PREPARED FOR:
EUGENE AND WENDY BUCCI

PREPARED BY:
RICHARD J. BOURBONNAIS, II, R.I.A., PE
180 INDIAN TRAIL
NARRAGANSETT, RI 02882
P. 401-932-3124



3
OF 6

JULY 2018

OCT 23 2018
Office of Water Resources

OWNER/APPLICANT:

EUGENE V. BUCCI, JR AND
WENDY A. BUCCI
17 KING'S RIDGE ROAD
WAKEFIELD, RI 02879



NO.	DATE	REVISION
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BIORETENTION SOIL:
 BIORETENTION SOIL SHALL BE COMPRISED OF:
 SAND: 85 TO 88%
 SOIL FINES: 8 TO 12% (NO MORE THAN 2% CLAY)
 ORGANIC MATTER: 3 TO 5%
 *ADD 20% (BY WEIGHT) WELL AGED, WELL AERATED, LEAF COMPOST.

DRAINAGE CERTIFICATION:
 NO INCREASE IN STORMWATER FLOW IS PROPOSED TO ABUTTING PROPERTIES OR TOWN R.O.W. AND THE PROJECT AS PROPOSED, FULLY COMPLIES WITH THE APPLICABLE REQUIREMENTS OF SECTION 7.7 SUPPLEMENTAL DRAINAGE REQUIREMENTS. THE PROJECT PROPOSES IMPEROVISED SURFACES TO BE DISCHARGED TO WATER QUALITY STRUCTURES THAT SERVE TO TREAT THE RUNOFF TO MEET RDEM STORMWATER REQUIREMENTS AND TO MITIGATE FOR INCREASED FLOW.

- WATER NOTES:**
1. THE INSTALLATION OF THE WATER UTILITY IMPROVEMENTS SHALL CONFORM TO THE REQUIREMENTS OF THE SUEZ WATER AND THE AMERICAN WATER WORKS STANDARDS.
 2. CONSTRUCTION SHALL INCLUDE ALL PIPE JOINTS, BENDS, TEES, FITTINGS, THRUST BLOCKS, GATE VALVES, GATE BOXES AND ALL MISCELLANEOUS ITEMS REQUIRED TO CONSTRUCT THE PROPOSED SYSTEM. ALL MATERIALS SHALL BE APPROVED BY SUEZ WATER.
 3. LEAKAGE TESTS AND THE CHLORINATION OF THE WATER DISTRIBUTION SYSTEM SHALL BE PERFORMED BY THE CONTRACTOR IN CONFORMANCE TO AMERICAN WATER WORKS ASSOCIATION (AWWA) RECOMMENDATIONS, SUEZ WATER REQUIREMENTS AND GOVERNMENTAL AGENCIES HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FEES ASSOCIATED WITH SAID TESTING.
 4. ALL GATE VALVES, FITTINGS, PIPE JOINTS, ETC. SHALL BE DESIGNED FOR A CONSTANT WORKING PRESSURE OF NO LESS THAN 150 PSI.
 5. WATER PIPE SHALL TYPICALLY BE LOCATED AT LEAST TEN (10) FEET HORIZONTALLY FROM SEWER PIPE AND AT A DEPTH OF COVER EQUAL TO 4'-6".
 6. ALL SYSTEM COMPONENTS AND CONSTRUCTION METHODS, SUCH AS GATE VALVE, THRUST BLOCKS, FITTINGS, AIR RELEASE ASSEMBLIES, CASTINGS, ETC., SHALL BE SUBMITTED TO SUEZ WATER FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION. THIS SUBMISSION SHALL INCLUDE MANUFACTURER LITERATURE, SHOP DRAWINGS, PROPOSED CONSTRUCTION METHODS, ETC.
 7. BEDDING FOR WATER UTILITY SHALL BE TYPE V AWWA BEDDING.
 8. OWNER SHALL MAKE APPLICATION FOR METERED WATER SERVICE AT THE SUEZ WATER OFFICE AT LEAST TEN DAYS PRIOR TO THE NEED OF SERVICE.
 9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, EXCAVATION, AND ROAD REPAIR REQUIREMENTS INCLUDING THOSE INTO THE RIGHT-OF-WAY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH EXCAVATION, INSTALLATION AND RESTORATION INCLUDING THOSE INTO THE RIGHT-OF-WAY.
 10. EXCAVATIONS INTO THE RIGHT-OF-WAY SHALL BE IN STRICT CONFORMANCE WITH SUEZ WATER'S PUBLISHED RULES.
 11. CONTRACTOR SHALL VERIFY EXISTING MAIN DEPTH, SIZE AND MATERIAL WITH TEST HOLE.

- SEWER NOTES:**
1. THE INSTALLATION OF THE SANITARY SEWER SHALL BE IN COMPLETE CONFORMANCE WITH THE CONSTRUCTION DETAILS AND THE STANDARD SANITARY SEWER REQUIREMENTS OF THE TOWN OF NARRAGANSETT.
 2. ALL GRAVITY SEWER PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM SPECIFICATION D3034, SDR 35.
 3. WATER OR LOW PRESSURE AIR TESTING SHALL BE CONDUCTED TO ASSURE THE RATE OF LEAKAGE TO BE 0 GALLONS/DAY/INCH DIAMETER/MILE OF PIPE.
 4. ALL CONSTRUCTION AND MATERIALS SHALL BE IN STRICT CONFORMANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND APPROVED SHOP DRAWINGS.

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GRADING, DRAINAGE AND UTILITIES PLAN

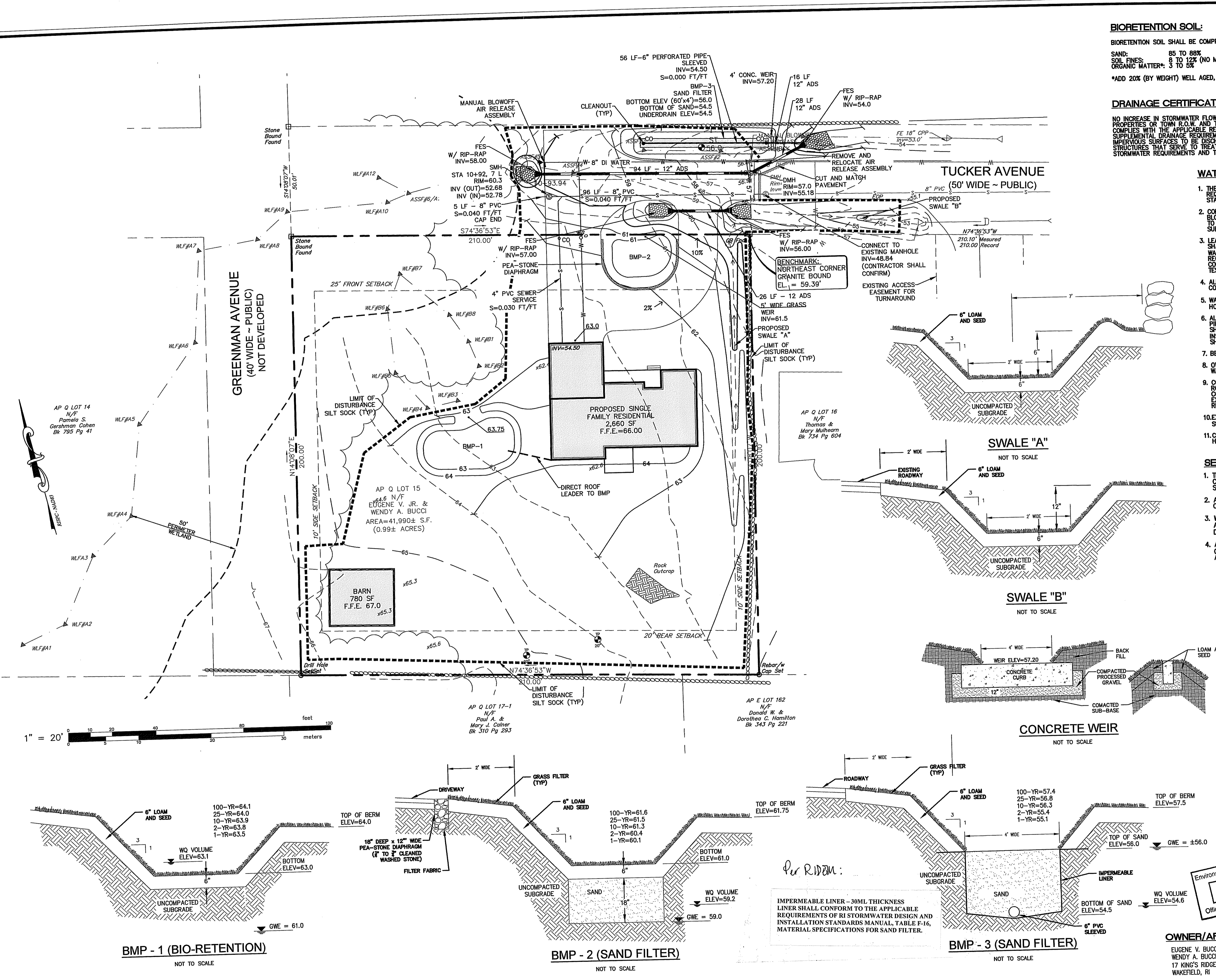
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PREPARED BY:
RICHARD J. BOURBONNAIS, II, RLA, PE
 180 INDIAN TRAIL
 NARRAGANSETT, RI 02882
 P. 401-932-3124

RICHARD J. BOURBONNAIS, II
 No. 8892
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

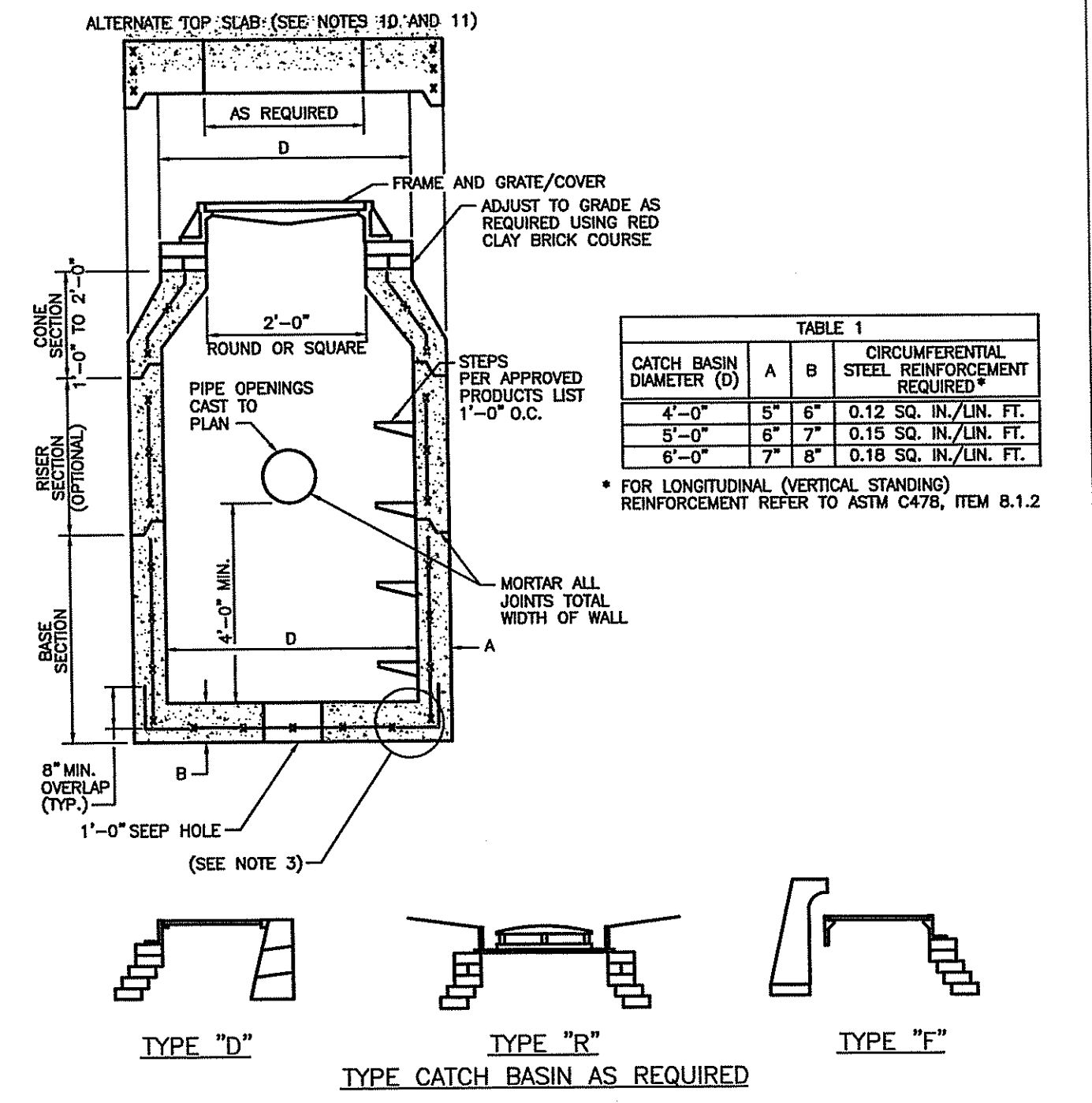
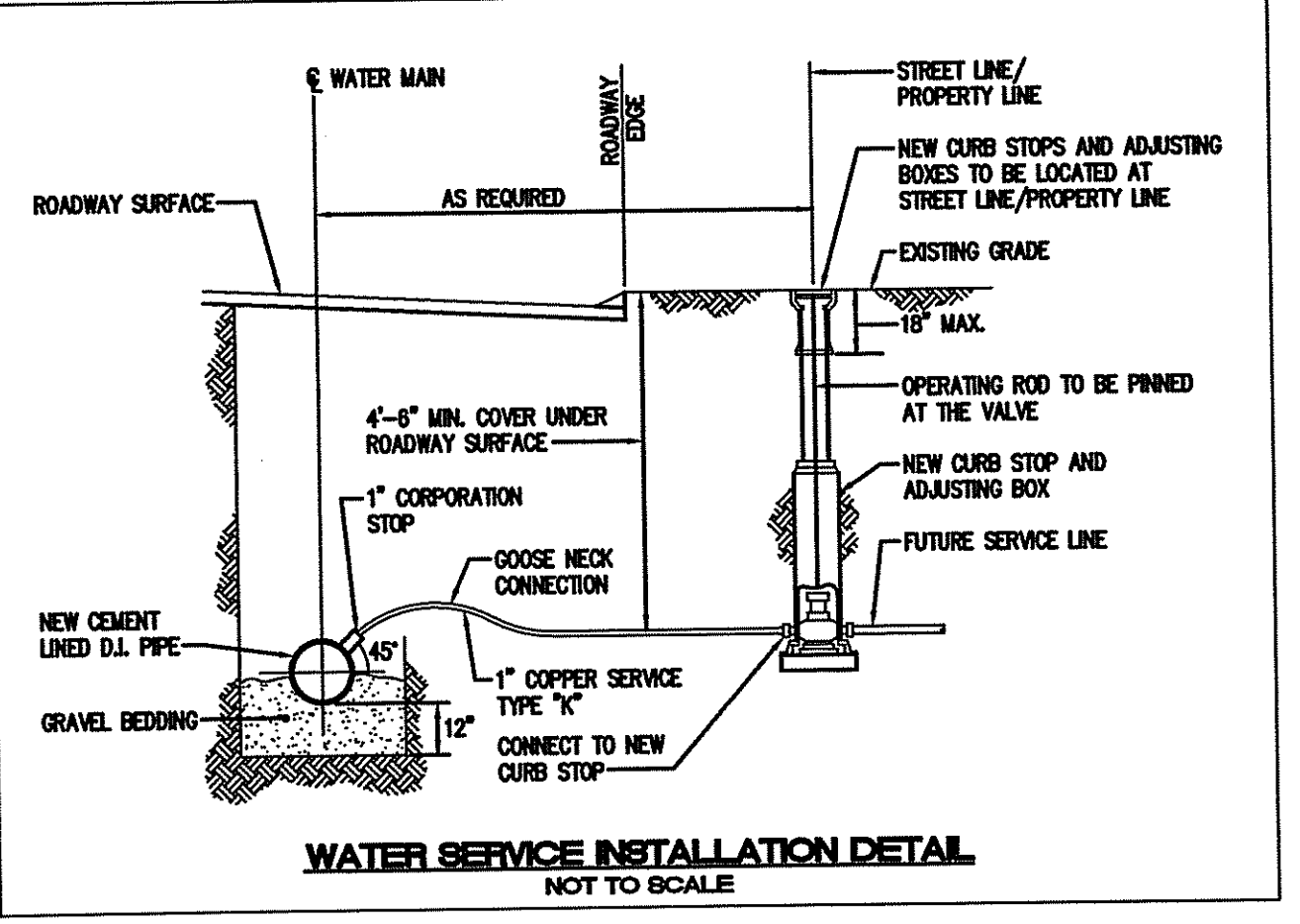
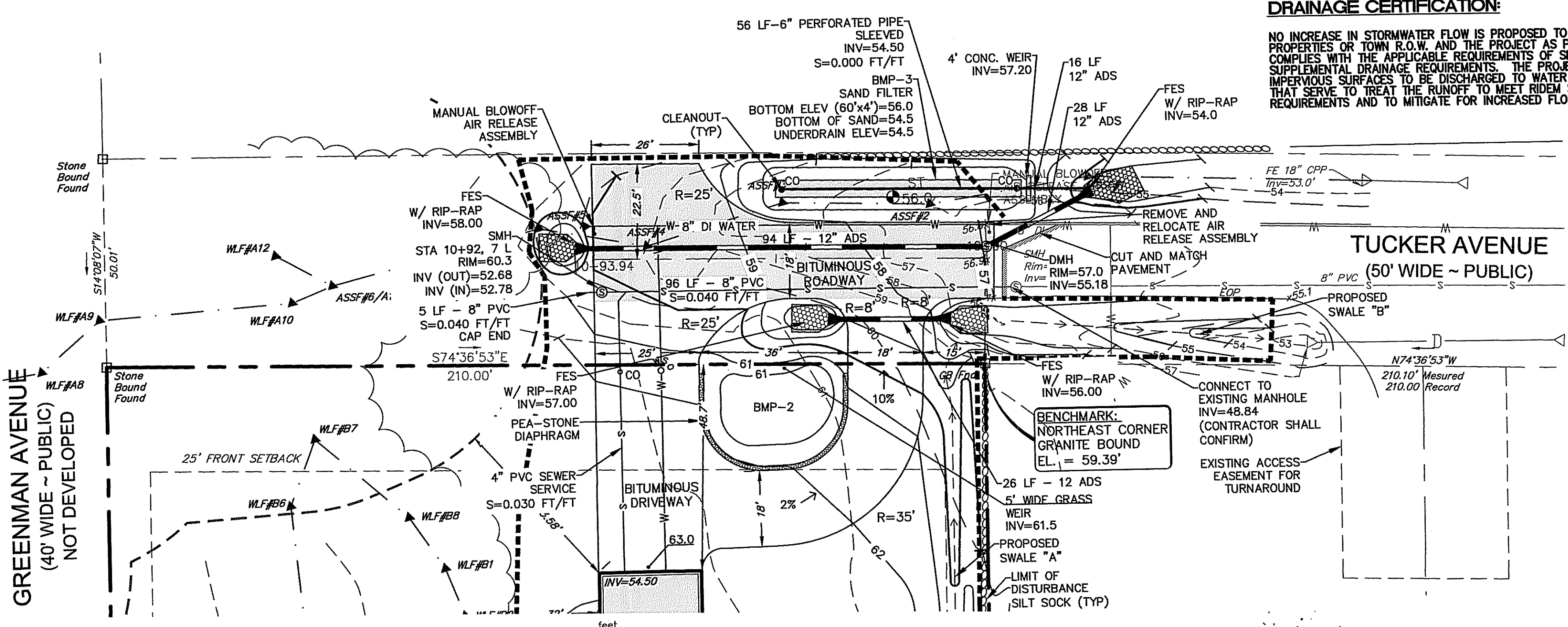
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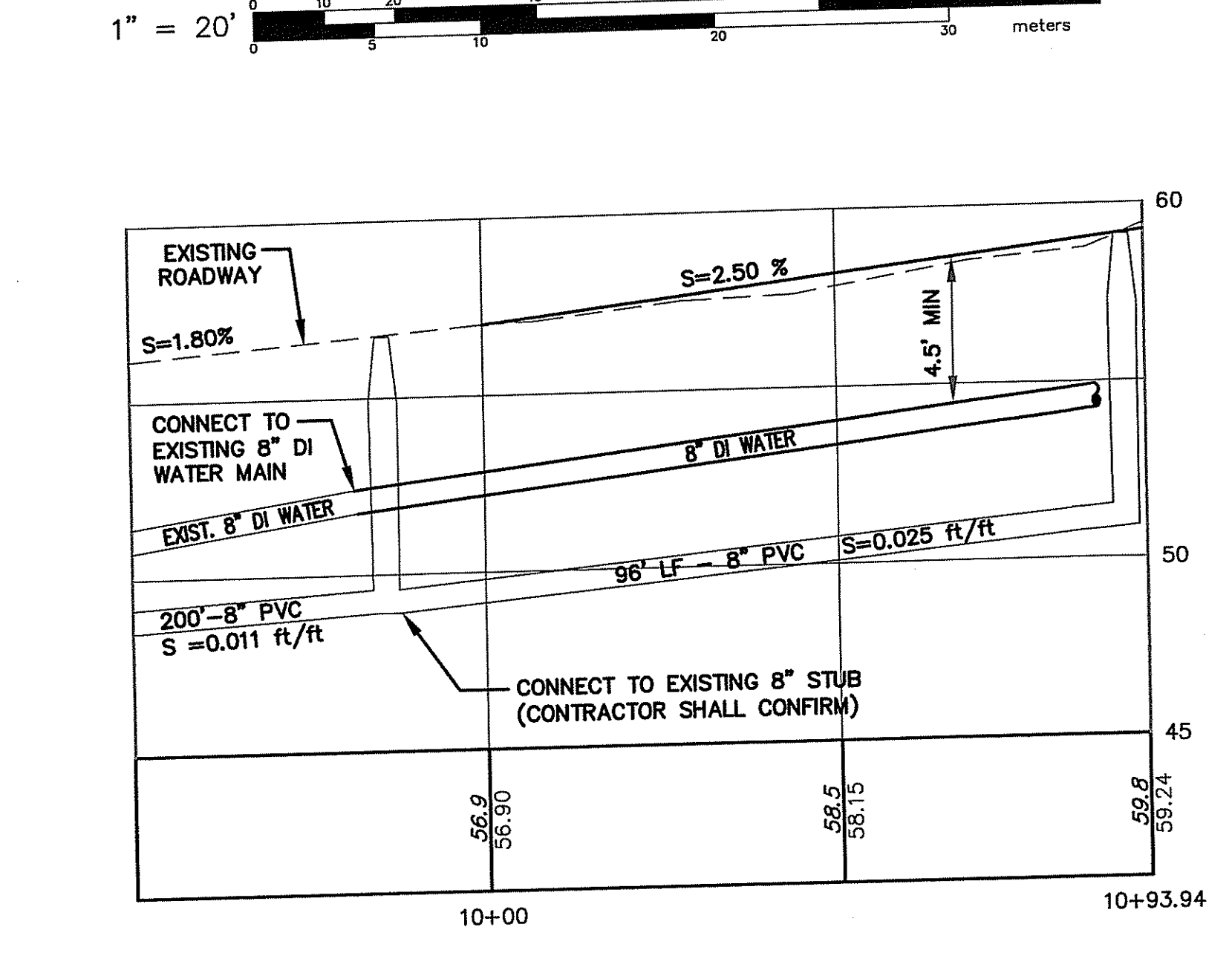
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Signature: D. Womack

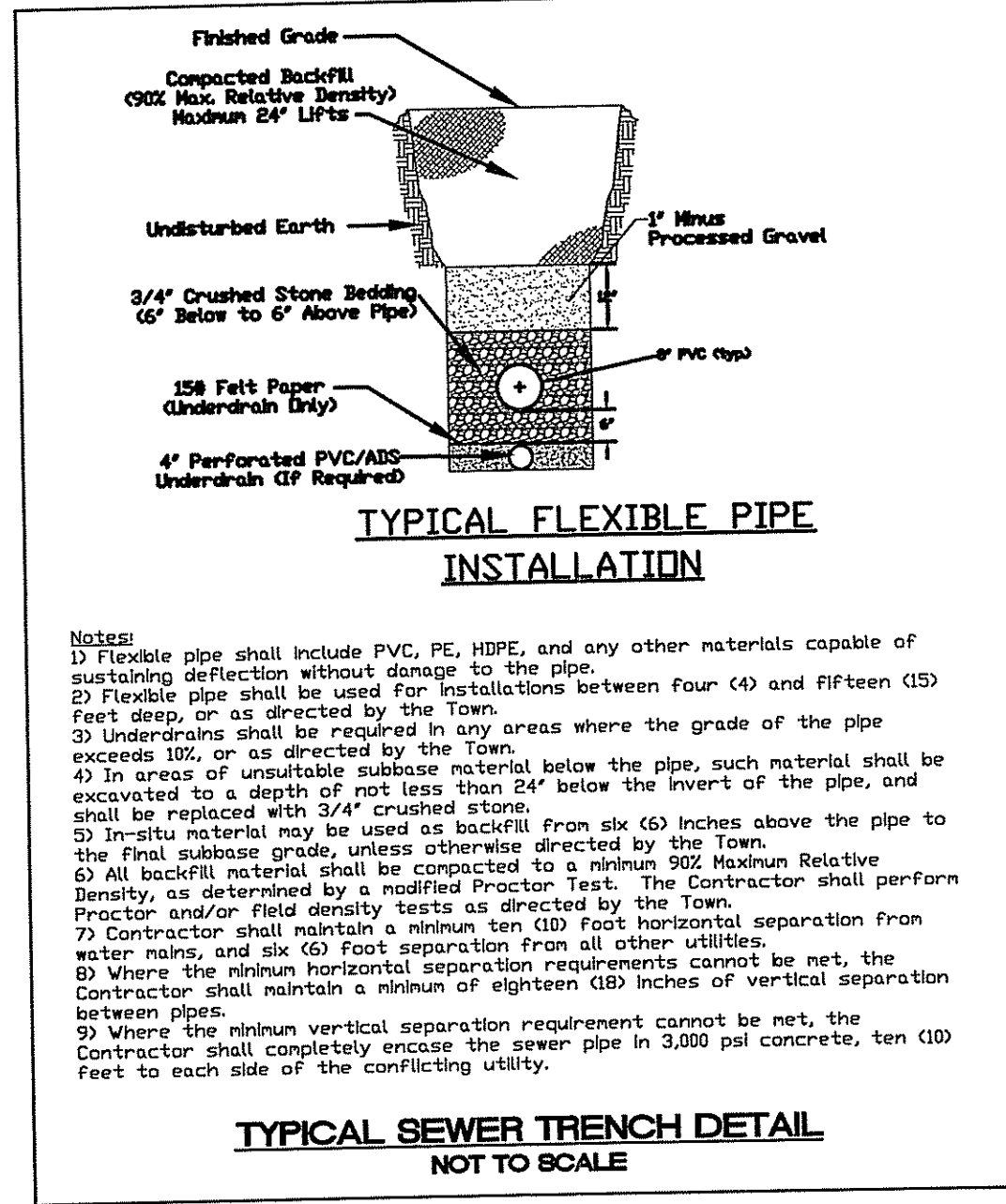


NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
2. SEE TABLE 1 FOR STEEL REINFORCEMENT REQUIREMENTS.
3. STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQ. IN./LIN. FT. (BOTH WAYS).
4. STEPS SHALL CONFORM TO STD. 5.3.0 AND SHALL BE INSTALLED AT THE CASTING PLANT.
5. ONE FOUR MONOLITHIC BASE SECTION.
6. ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS AND CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
7. CORNERS MADE OF RED CLAY BRICK WILL BE PERMITTED FOR THE "CORNER SECTION" OF THE 4'-0" CATCH BASIN ONLY.
8. FOR CATCH BASIN TYPES "D" AND "F" STEPS MUST BE INSTALLED ON THE CURB SIDE OF THE STRUCTURE.
9. THE CENTERLINE OF THE OPENING MUST BE WITHIN 2'-0" FROM THE STEPS.
10. ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H-25 LOADING (SEE STD. 4.7.2).
11. ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
12. REFER TO STD. 5.2.0 FOR MAXIMUM PIPE SIZES.

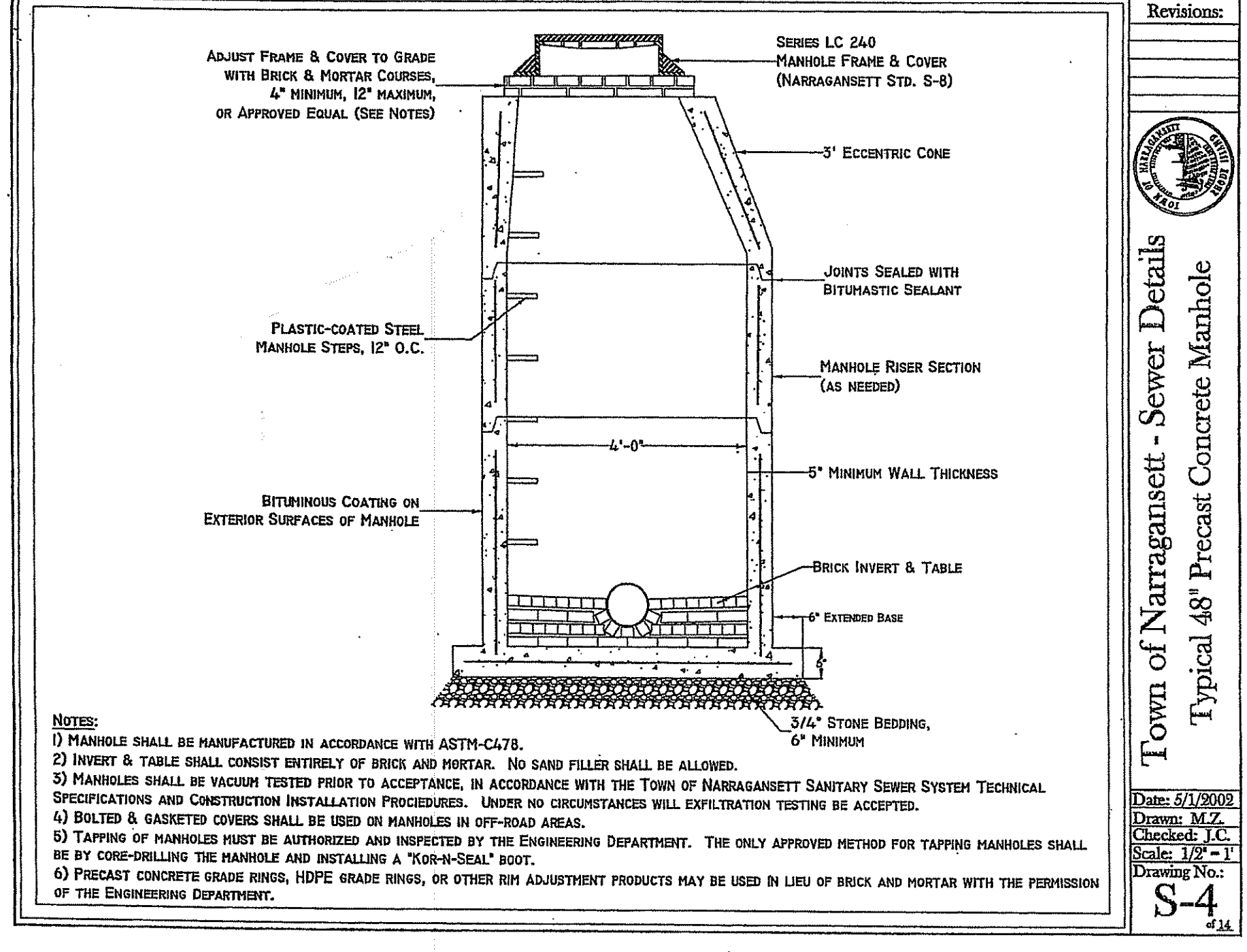
PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN (DRAINAGE MANHOLE) NOT TO SCALE



PROFILE-TUCKER AVENUE
HORIZONTAL SCALE 1"=20'
VERTICAL SCALE 1"=4'

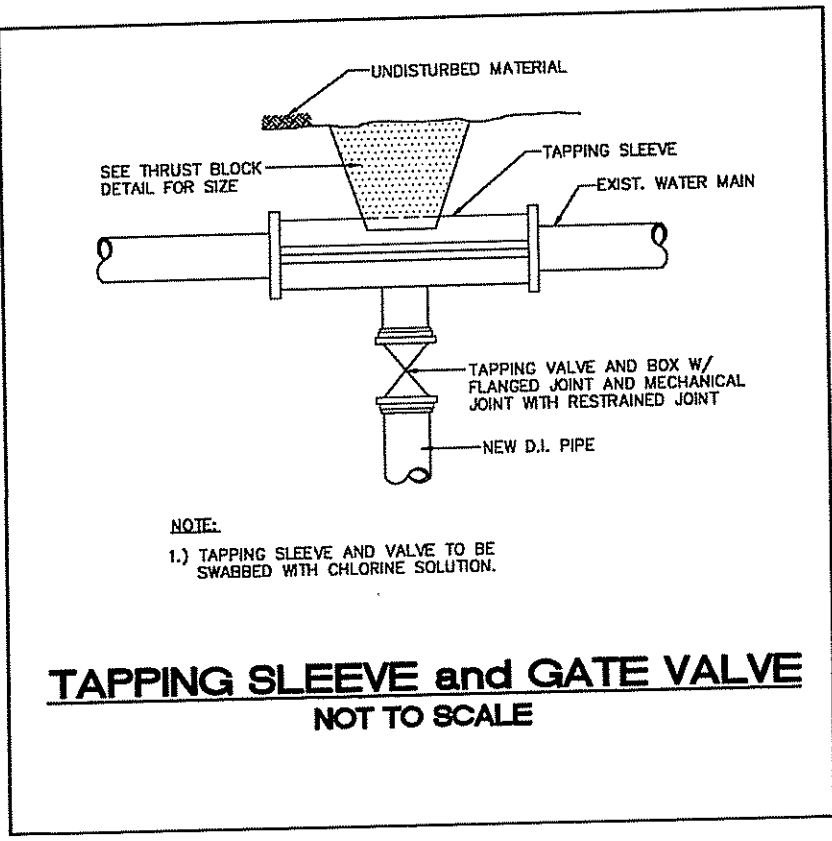


TYPICAL FLEXIBLE PIPE INSTALLATION

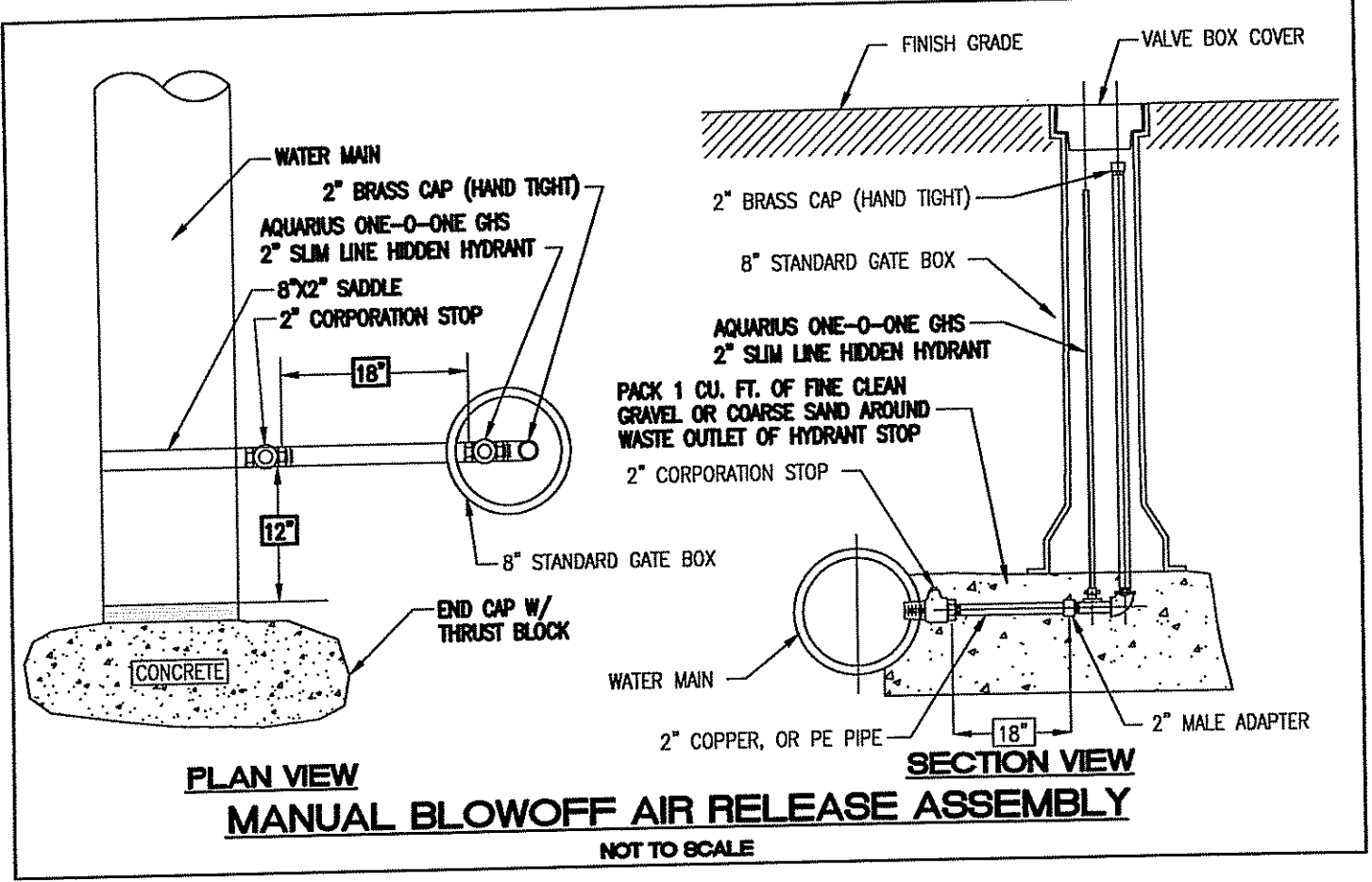


TYPICAL SEWER TRENCH DETAIL NOT TO SCALE

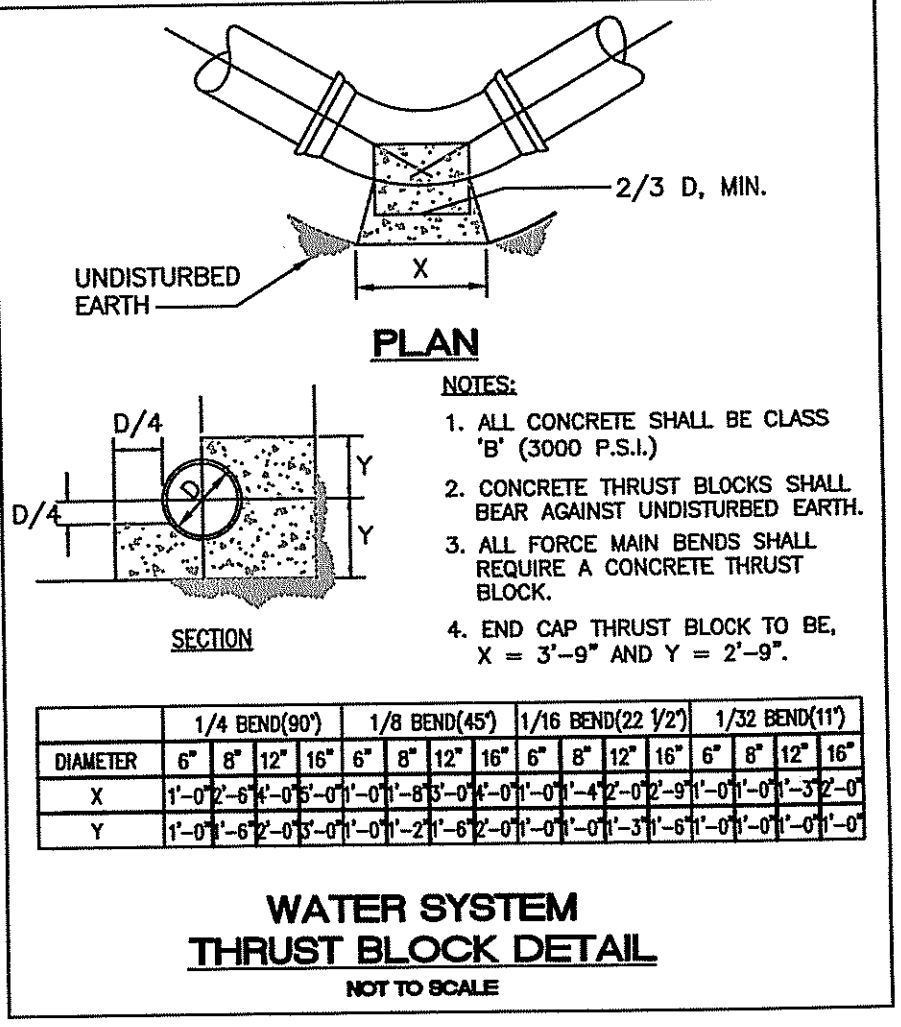
Notes:
1) Flexible pipe shall include PVC, PE, HDPE, and any other materials capable of sustaining deflection without damage to the pipe.
2) Flexible pipe shall be used for installations between four (4) and fifteen (15) feet deep, or as directed by the Town.
3) Underdrains shall be required in any areas where the grade of the pipe exceeds 10%, or as directed by the Town.
4) In areas of unsuitable subbase material below the pipe, such material shall be excavated to a depth of not less than 24" below the invert of the pipe, and shall be replaced with 3/4" crushed stone.
5) In-situ material may be used as backfill from six (6) inches above the pipe to the final subbase grade, unless otherwise directed by the Town.
6) All backfill material shall be compacted to a minimum 90% Maximum Relative Density, as determined by a modified Proctor Test. The Contractor shall perform Proctor and/or field density tests as directed by the Town.
7) Contractor shall maintain a minimum ten (10) foot horizontal separation from water mains, and six (6) foot separation from all other utilities.
8) Where the minimum horizontal separation requirements cannot be met, the Contractor shall maintain a minimum of eighteen (18) inches of vertical separation between pipes.
9) Where the minimum vertical separation requirement cannot be met, the Contractor shall completely encase the sewer pipe in 3,000 psi concrete, ten (10) feet to each side of the conflicting utility.



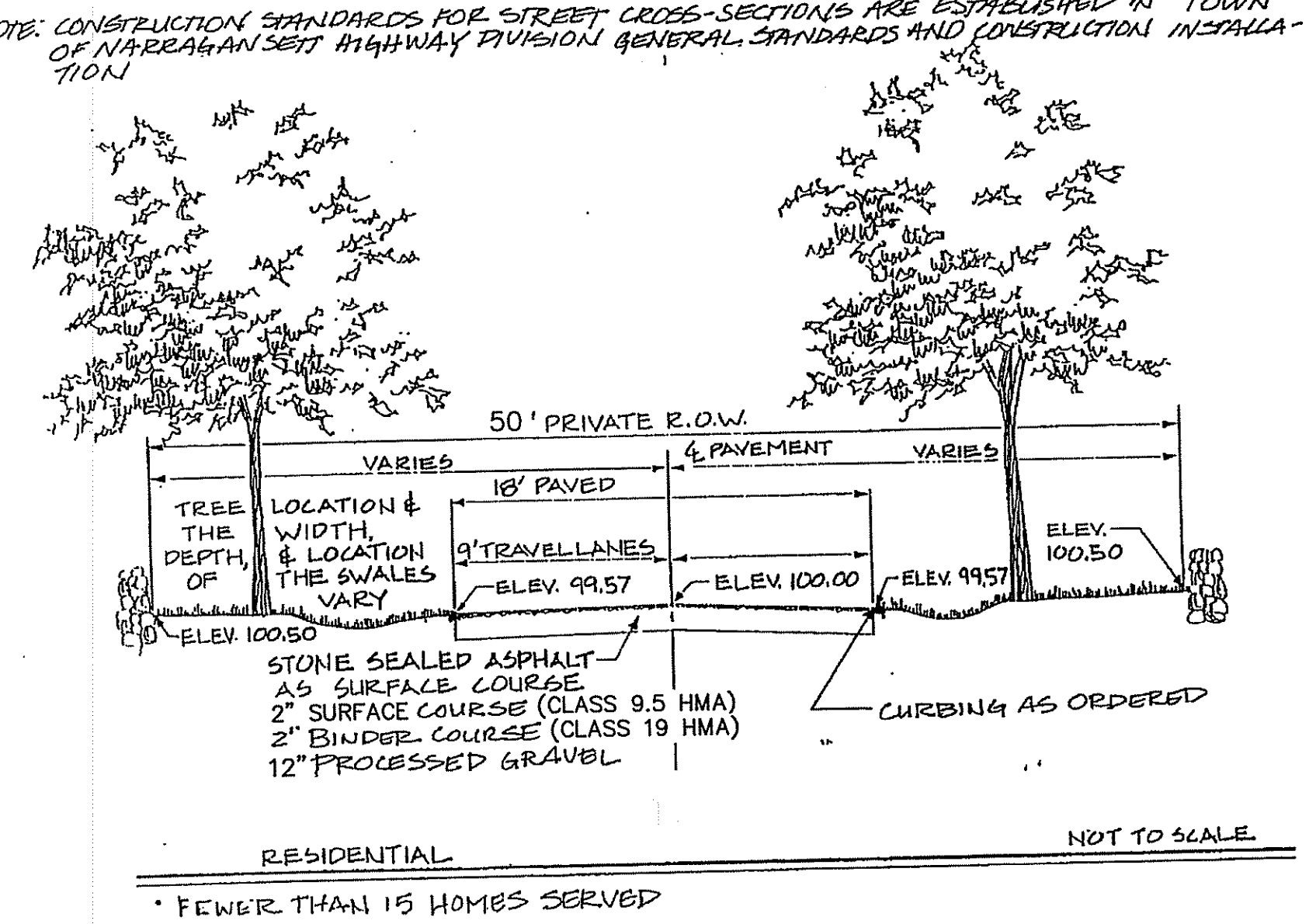
TAPPING SLEEVE and GATE VALVE NOT TO SCALE



PLAN VIEW SECTION VIEW
MANUAL BLOWOFF AIR RELEASE ASSEMBLY NOT TO SCALE



WATER SYSTEM THRUST BLOCK DETAIL NOT TO SCALE



RESIDENTIAL NOT TO SCALE
FEWER THAN 15 HOMES SERVED

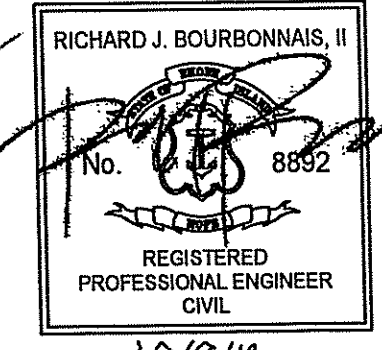
ROADWAY PLAN PROFILE AND DETAILS

BUCCI RESIDENCE

A.P. Q, LOT 15
TUCKER AVENUE
NARRAGANSETT, RI

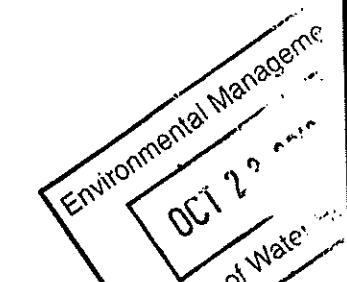
PREPARED FOR:
EUGENE AND WENDY BUCCI

PREPARED BY:
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180 INDIAN TRAIL
NARRAGANSETT, RI 02882
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5 OF 6

JULY 2018



OWNER/APPLICANT:
EUGENE V. BUCCI, JR AND
WENDY A. BUCCI
17 KING'S RIDGE ROAD
WAKEFIELD, RI 02879

10/9/18

