SITE PLAN

FOR

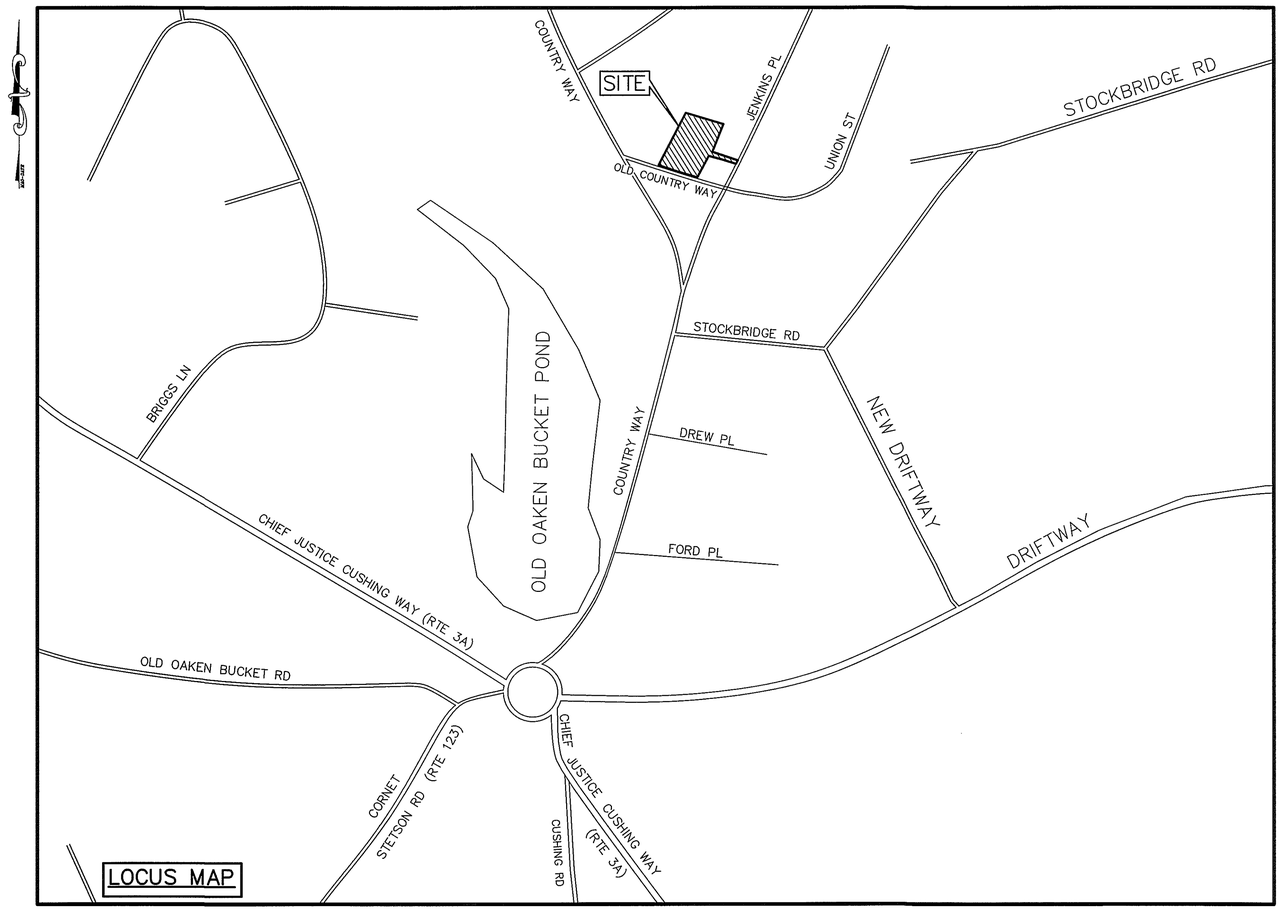
14–16 OLD COUNTRY WAY

IN

SCITUATE, MASSACHUSETTS

LEGEND

EXISTING	PROPOSED	
100	100	CONTOUR ELEVATION
X 100.2	X 100.0	SPOT GRADE
		STONE WALL
		TREELINE
		LEDGE OUT CROPPING
		SINGLE GRATE CATCH BASIN (CB)
	DMH-1	DRAIN MANHOLE (DMH)
HH	HH-1	ELECTRIC HANDHOLE (HH)
	T	TRANSFORMER (TRF)
EM	EM	ELECTRIC METER (EM)
		UTILITY POLE (UP)
E/T/C	ELEC	ELECTRIC DUCT BANK
OHE	OHE	OVERHEAD ELEC/TEL/CATV
E	E	ELECTRIC CONDUIT
24" D	15" HDPE	STORM DRAIN LINE
6" CLDI		WATERMAIN
2" WS	2" WS	WATER SERVICE AND SHUT OFF VALVE
		WATER MAIN VALVE
		HYDRANT (HYD)
WM	WM	WATER METER (WM)
GS	GS	GAS SERVICE
	CC	CAPE COD BERM
VGC		VERTICAL GRANITE CURB
		SIGN STOP/STREET/ETC
		PARKING LOT POLE W/HOODED LAMP
LP		EXIST. CONC. LAMP POLE BASE
DRILL HOLE FND	DRILL HOLE SET	DRILL HOLE IN STONE WALL OR FEATURE
REBAR FND	REBAR SET	REBAR/IRON PIPE
CBDH FND		CONCRETE BOUND WITH DRILL HOLE
TH-D4		OBSERVATION PIT
		ORNAMENTAL TREE
		EROSION CONTROL/LIMIT OF WORK
DYL		DOUBLE YELLOW PAVEMENT LINE
SWL		SOLID WHITE PAVEMENT LINE
		ACCESSIBLE SPACE INDICATOR SYMBOL
	①	PROPOSED PARKING SPACE NUMBER



LOCUS MAP

SITE PLAN APPROVED
DATE: _____

_____

_____

_____

_____

_____
SCITUATE PLANNING BOARD

I, KATHLEEN A. GARDNER, CLERK OF THE TOWN OF SCITUATE, HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT FOLLOWING SUCH RECEIPT AND RECORDING OF SAID NOTICE.

_____ DATE

_____ TOWN CLERK

OWNER / APPLICANT
14–16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

LOCUS
14–16 OLD COUNTRY WAY
SCITUATE, MA 02066
ASSESSOR'S REF.: 48–2–56&57

INDEX TO DRAWINGS

APRIL 24, 2019

ROSS ENGINEERING COMPANY INC.
PROFESSIONAL ENGINEERS – LAND SURVEYORS
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659–1325

COMMONWEALTH OF MASSACHUSETTS
PAUL JOSEPH DERASITO
No. 29521
REGISTERED PROFESSIONAL ENGINEER

COMMONWEALTH OF MASSACHUSETTS
GREGORY J. TANSEY
CIVIL
NO. 37219
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION	BY
4	8–27–20	CHANGE IMP COVER TO 42.3%	GJT
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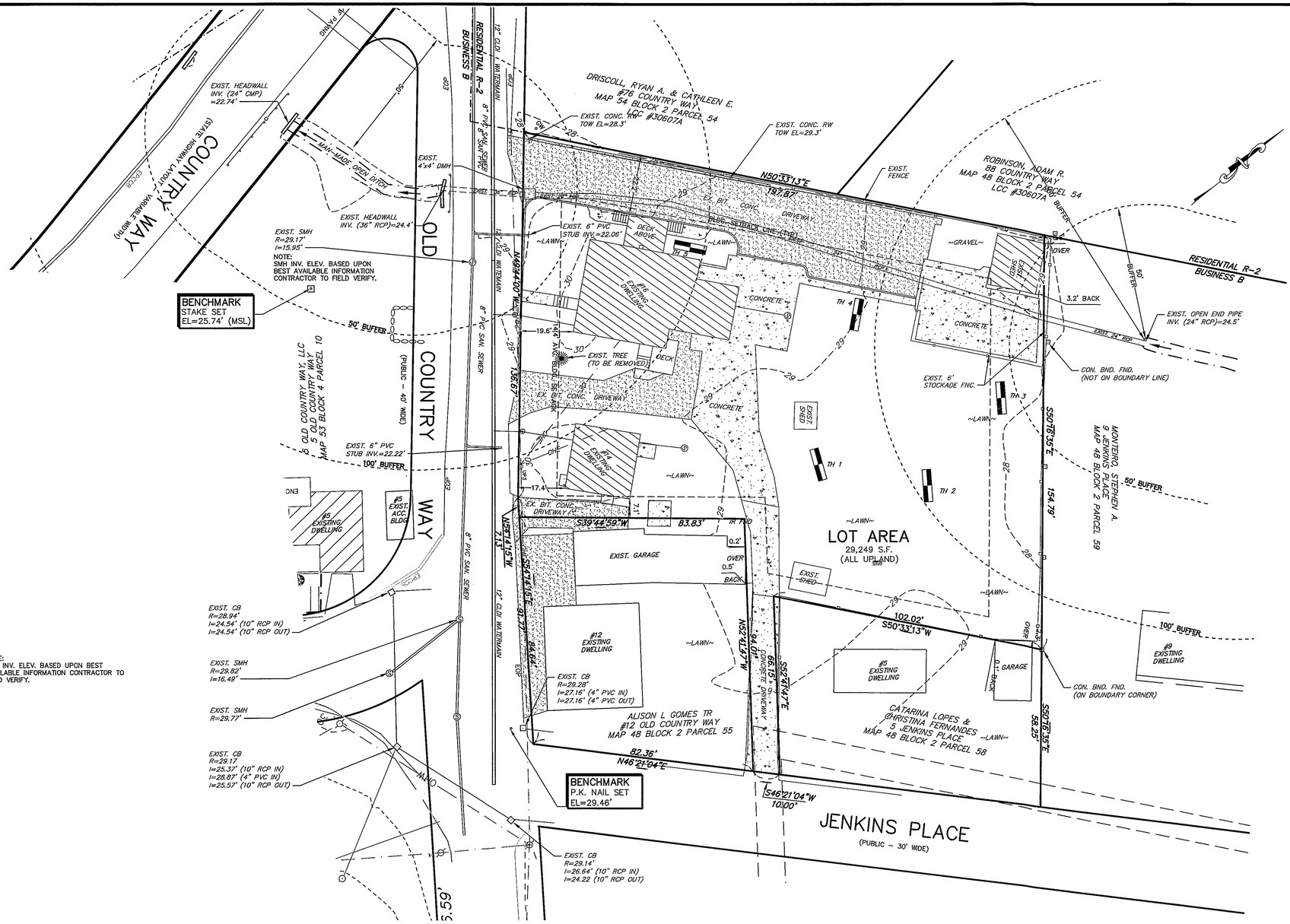
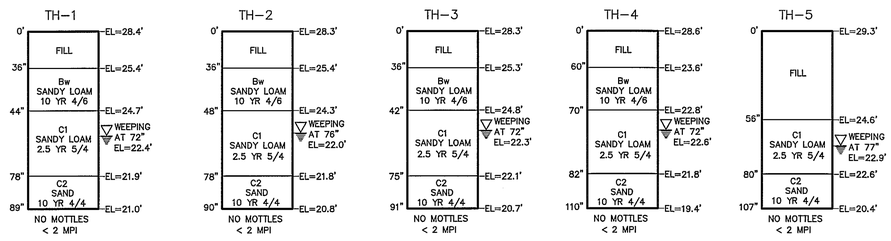
1	5–26–20	REV. PARKING & NOTES–SHT 3,4,&5	GJT



NOTE:
SMH INV. ELEV. BASED UPON BEST AVAILABLE INFORMATION CONTRACTOR TO FIELD VERIFY.

SOIL EVALUATIONS PERFORMED BY ROSS ENGINEERING Co., INC.
JASON SCOTT, P.L.S., SE 2918
DECEMBER 2, 2016



FEET 0 10 20 40 60 80
METERS 0 5 10 15 20 25

JN 3711

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LOCUS
14-16 OLD COUNTRY WAY
SCITUATE, MA 02066
ASSESSOR'S REF.: 48-2-56&57

EXISTING CONDITIONS

14-16 OLD COUNTRY WAY

OWNER/APPLICANT
14-16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:
ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659-1325

SCALE: 1"=20'

APRIL 24, 2019

SITE PLAN APPROVED
DATE: _____
SCITUATE PLANNING BD.

COMMONWEALTH OF MASSACHUSETTS
PAUL JOSEPH MERMITO
No. 28521
REGISTERED PROFESSIONAL LAND SURVEYOR
Paul J. Mermito

DATE FILED

REVIEWED BY ENGINEERING DIVISION
DATE: _____

ZONING DISTRICT
BUSINESS

PROJECT
P.B.

SHEET 2 OF 10 SHEETS

NOTES:

1. ZONING CLASSIFICATION – GENERAL BUSINESS (GB)

ZONING CHART		
DESCRIPTION	EXISTING	PROPOSED
LOT AREA– REQUIRED: 10,000 S.F.	29,249 S.F.	29,249 S.F.
LOT FRONTAGE– REQUIRED: 60'	143.8'	143.8'
LOT WIDTH– REQUIRED: 100'	127.7'	127.7'
FRONT YARD SETBACK– REQUIRED: 14.4'	17.4' & 19.6'	15'
SIDE YARD SETBACK– REQUIRED: 8'	7.0' & 22.2'	8.2'
REAR YARD SETBACK– REQUIRED: 8'	0.0' (SHED)	20.2'
ALLOWABLE % IMPERVIOUS AREA: 20%	44%	42.3%

2. THE LOCUS IS IN THE TOWN OF SCITUATE WATER RESOURCES PROTECTION OVERLAY DISTRICT (WRPD.)

3. THE LOCUS IS IN THE TOWN OF SCITUATE VILLAGE BUSINESS OVERLAY DISTRICT (VBOD.)

4. LOCUS LIES IN ZONE X AS SHOWN ON FIRM MAP COMMUNITY PANEL #250282 0136 K, DATED NOV. 4, 2016.

5. PLAN REFERENCES:
   A) L.C. PLAN 30607A & 31275A
   B) "PLAN OF LAND IN SCITUATE, MASS," BY LAWRENCE C. HOUSE C.E. DATED NOVEMBER 5, 1927 PLAN BOOK 4 PAGE 580
   C) "PLAN OF WAY LEADING FROM UNION STREET TO LAND OF JOHN S. FITTS, SCITUATE, MASS." DATED FEBRUARY 1940 PLAN BOOK 6 PAGE 114
   D) "PLAN OF LAND IN SCITUATE, MASS," BY LORING H. JACOBS CO. DATED OCTOBER 20, 1981 PLAN BOOK 22 PAGE 772
   E) "PLAN OF ROAD IN THE TOWN OF SCITUATE, PLYMOUTH COUNTY– DISCONTINUED AS A STATE HIGHWAY BY DEPARTMENT OF PUBLIC WORKS," DATED SEPTEMBER 4, 1923– SCALE: 40 FEET TO THE INCH.

6. LOCUS DEED:
   BOOK 46723 PAGE 229; RECORDED MARCH 24, 2016
   ASSESSORS REFER: MAP 48 BLOCK 2 PARCEL 56 & 57.

7. LIST OF USES:
   EXISTING: 2 SINGLE FAMILY DWELLINGS AND DETACHED MIXED USE BUILDING
   PROPOSED: FRONT BUILDING: 4 SINGLE FAMILY DWELLING UNITS.
   REAR BUILDING: SHOP OF A CARPENTER, ELECTRICIAN, PLUMBER
   APARTMENT UNITS–TWO UNITS HAVING TWO BEDROOMS EACH ON UPPER LEVEL.

8. PARKING REQUIREMENTS (2018 ZONING BYLAW 760.6)

USE:	REQUIRED:	PROVIDED:
SINGLE FAMILY DWELLINGS: 6 UNITS, 2 SPACES/UNIT	12	8 OUTDOOR, 4 IN GARAGE
3,808 SF SHOP OF A TRADESMAN (e.g. CARPENTER, PLUMBER, ELECTRICIAN)	3*	7 INDOOR
TOTALS	15	19

* THE ZONING BYLAW DOES NOT SET FORTH A PARKING REQUIREMENT FOR THIS PROPOSED USE. WE ARE ASSUMING 1 VEHICLE PER SHOP WILL BE REQUIRED.

9. ALLOWABLE % IMPERVIOUS AREA IN THE WRPD: 20% WITH DRAINAGE PROVIDED PER SECTION 520.6.35
   PRE–EXISTING IMPERVIOUS AREA= 44%;
   TOTAL PROPOSED IMPERVIOUS AREA=12,367 SF OR 42.3% (SEE ZBA DECISION).

10. AVERAGE SETBACK CALCULATION:

ADDRESS	FRONT SETBACK
2 OLD COUNTRY WAY	6.0'
14 OLD COUNTRY WAY	17.4'
16 OLD COUNTRY WAY	19.6'
AVERAGE SETBACK:	43.0'/3 =14.4'

11. ANTICIPATED NUMBER OF PEOPLE AT THE SITE
    RESIDENTIAL: ANTICIPATED MAXIMUM CAPACITY=4 PERSONS/UNIT X6 UNITS=24 PERSONS
    SHOPS: ANTICIPATED MAXIMUM CAPACITY=1 PERSONS/SHOP PARKING SPACE X7 SPACES=7 PERSONS
    TOTAL ANTICIPATED MAXIMUM PERSONS=7+24=31 PERSONS
    TOTAL ANTICIPATED MAXIMUM PERSONS ON SITE AT ANY GIVEN TIME=8+4=12 PERSONS

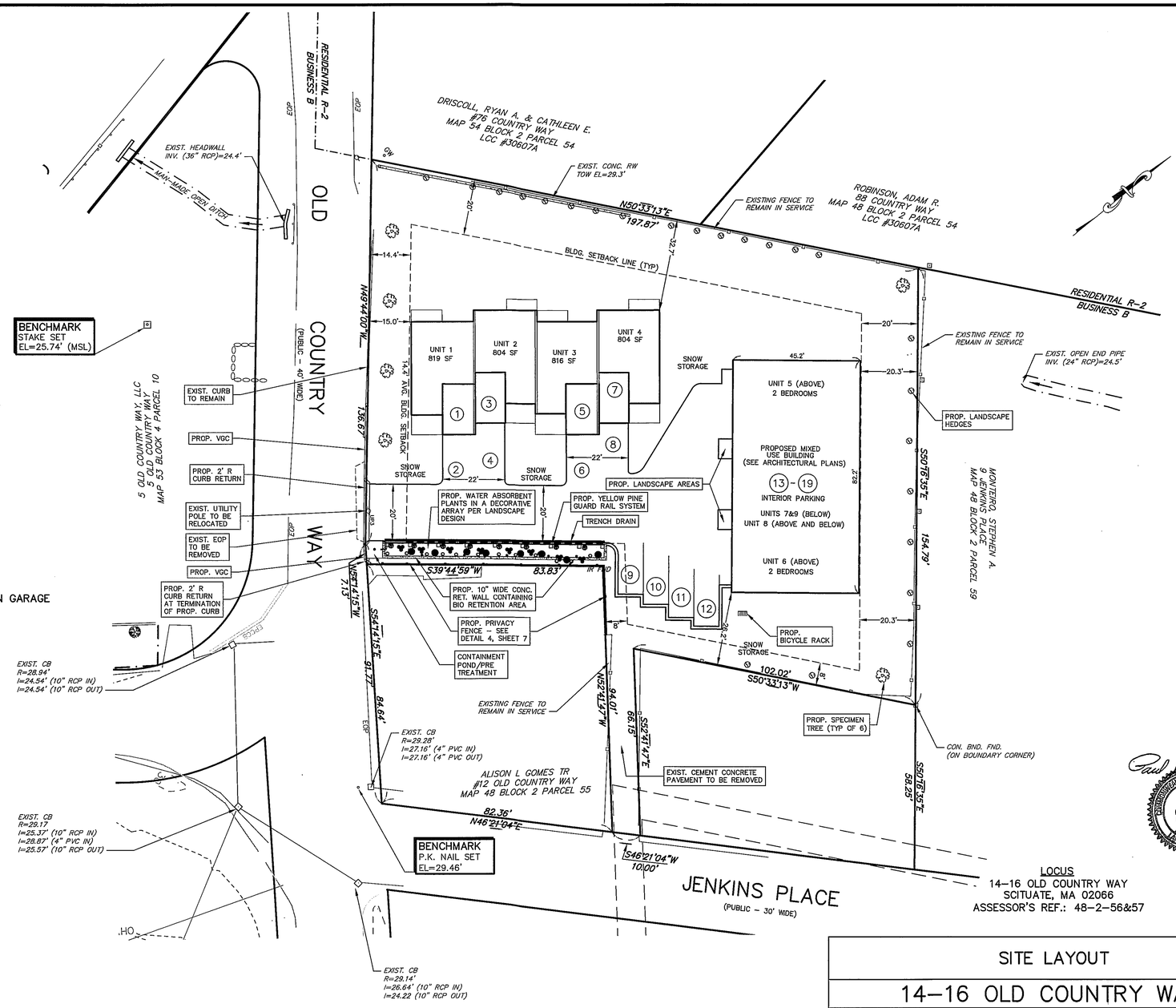
12. SPILL CONTROL MEASURES ARE CONTAIN IN BMP STANDARD 4.
    ALL TRANSFER OF FLUIDS SHALL BE DONE WITHIN THE SHOP.
    THE PROPOSED USE DOES NOT WARRANT THE NEED FOR CHEMICAL OR FUEL DELIVERIES, OIL, THE STORAGE OF TOXIC OR HAZARDOUS MATERIALS, AND CORRODIBLE OR DISSOLVABLE MATERIALS.

13. THE PROJECT PROPOSES NO FACILITIES THAT GENERATE, TREAT, STORE, OR DISPOSE OF HAZARDOUS WASTE FOR THE TREATMENT OF CONTAMINATED GROUND OR SURFACE WATERS.
    THE PROJECT PROPOSES NO STORAGE FACILITIES FOR DEICING AND SANDING MATERIALS FOR ROADS OR PARKING LOTS.
    THE PROJECT PROPOSES NO STORAGE OF FERTILIZERS UNLESS UNLESS COVERED OR CONTAINED.
    THE PROJECT PROPOSES NO PHOTOGRAPHIC PROCESSING ESTABLISHMENTS.
    THE PROJECT PROPOSES NO PAINTING, WOOD PRESERVING, OR FURNITURE STRIPPING.
    THE ABOVE PRECLUDED USES WILL BE CONTROLLED THROUGH THE CONDITIONS OF THIS PERMIT AND THE ISSUANCE OF AN OCCUPANCY PERMIT FROM THE BUILDING DEPARTMENT.

14. OPEN SPACE LOT AREA EXCLUDING BUILDINGS, DRIVEWAYS OR PARKING AREA
    OPEN SPACE=16,882 SF; PERCENTAGE OF OPEN SPACE=16882/29249=57.7%, REQUIRED OPEN SPACE=20%.

15. TOTAL WATER USAGE FOR THE DEVELOPMENT IS 1520 GPD BY TITLE V ESTIMATES, ACTUAL USE WILL PROBABLY BE LESS. 1320 GPD FOR RESIDENTIAL USE+200 GPD FOR SHOP OF A TRADESMAN=1520 GPD.

16. EACH CONTRACTOR BAY SHALL HAVE AN INTERIOR SIGN POSTED ON THE WALL AT EACH ENTRANCE WHICH RECITES THE USE AND ACTIVITY REGULATIONS IN SECTION 520.6 OF THE ZONING BYLAW.



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JN 3711

LOCUS
14–16 OLD COUNTRY WAY
SCITUATE, MA 02066
ASSESSOR'S REF.: 48–2–56&57

PAUL JOSEPH MIRABITO No. 26521 REGISTERED LAND SURVEYOR COMMONWEALTH OF MASSACHUSETTS

SITE LAYOUT

14–16 OLD COUNTRY WAY

OWNER/APPLICANT
14–16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:
ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659–1325

SCALE: 1"=20'

APRIL 24, 2019

SITE PLAN APPROVED
DATE:_____
SCITUATE PLANNING BD.

COMMONWEALTH OF MASSACHUSETTS GREGORY J. TANSEY CIVIL NO. 37219 REGISTERED PROFESSIONAL ENGINEER

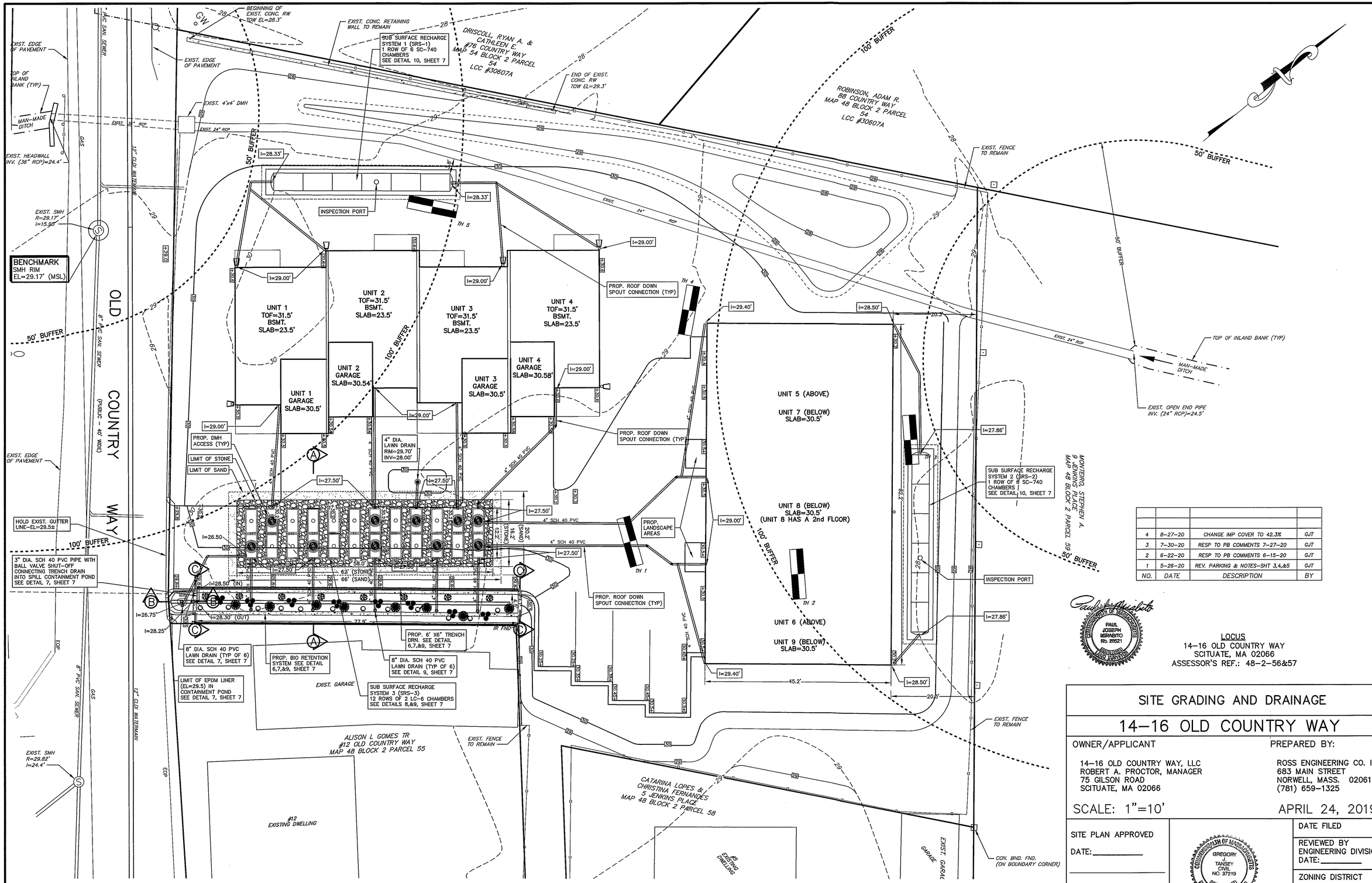
DATE FILED

REVIEWED BY ENGINEERING DIVISION
DATE:_____

ZONING DISTRICT
BUSINESS

PROJECT
P.B.

SHEET 3 OF 10 SHEETS



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COMMONWEALTH OF MASSACHUSETTS
PAUL JOSEPH BERARDO No. 29321 REGISTERED LAND SURVEYOR

LOCUS
14-16 OLD COUNTRY WAY
SCITUATE, MA 02066
ASSESSOR'S REF.: 48-2-56&57

SITE GRADING AND DRAINAGE

14-16 OLD COUNTRY WAY

OWNER/APPLICANT

14-16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:

ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659-1325

SCALE: 1"=10'

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SHEET 4 OF 10 SHEETS

JN 3711

EXIST. UTILITY POLE TO REMAIN

DRISCOLL, RYAN A. & CATHLEEN E.
#75 COUNTRY WAY
MAP 54 BLOCK 2 PARCEL 54
LCC #30607A

N50°33'13"E 197.87'

ROBINSON, ADAM R.
88 COUNTRY WAY
MAP 48 BLOCK 2 PARCEL 54
LCC #30607A

EXIST. FENCE TO REMAIN

EXIST. HEADWALL INV. (36" RCP)=24.4'

EXIST. 24" RCP

SUB SURFACE RECHARGE SYSTEM 1 (SRS-1) SEE DETAIL 10, SHEET 7

PROP. 6" SCH 40 PVC SANITARY SEWER SERVICE

PROP. EXTERNAL SEWER CLEAN-OUT (TYP OF 5)

EXIST. 6" PVC STUB INV.=22.06'

EXIST. SMH R=29.17' I=15.95'

I=22.89' I=23.37' I=23.87' I=24.35'

GS 6" PVC L=77' S=2.22%

I=22.65' I=24.47'

6" PVC L=11' S=2.53% 6" PVC L=77' S=2.22% 6" PVC L=11' S=3.03% 6" PVC L=77' S=2.03%

I=23.45'

I=23.17' I=24.20'

UNIT 1 TOF=31.5' BSMT. SLAB=23.5'

UNIT 2 TOF=31.5' BSMT. SLAB=23.5'

UNIT 3 TOF=31.5' BSMT. SLAB=23.5'

UNIT 4 TOF=31.5' BSMT. SLAB=23.5'

PROP. GAS SERVICE

GM BANK

EXIST. OPEN END PIPE INV. (24" RCP)=24.5'

EXIST. 24" RCP

20.3'

OLD COUNTRY WAY (PUBLIC - 40' WIDE)

8" PVC SAN. SEWER

GAS

12" OLD WATERMAIN

OHE

N69°44'00"W 138.67'

PROP. 4" CLDI F.S.

PROP. FIRE HYDRANT

PROP. 6" CLDI WATER/FS SUPPLY

PROP. UNDERGROUND ELECTRIC SERVICE

PROP. 6" CLDI WATER/FS SUPPLY

PROP. 6" SCH 40 PVC SANITARY SEWER SERVICE

I=25.88'

PROP. 12x12x6 TAPPING SLEEVE AND VALVE

PROP. RE-LOCATED UTILITY POLE

I=22.46'

6" PVC L=171' S=2.00%

4" SCH 40 PVC

PROP. 6" SCH 40 PVC SANITARY SEWER SERVICE

PROP. EXTERNAL SEWER CLEAN-OUT

UNITS 5-9 SLAB=30.5'

EXIST. 6" PVC STUB INV.=22.22'

EXIST. UTILITY POLE TO BE RE-LOCATED

SUB SURFACE RECHARGE SYSTEM 3 (SRS-3) SEE DETAILS 8&9, SHEET 7

SUB SURFACE RECHARGE SYSTEM 2 (SRS-2) SEE DETAIL 10, SHEET 7

MONTEIRO, STEPHEN A.
9 JENKINS PLACE
MAP 48 BLOCK 2 PARCEL 59

S50°16'35"E 154.79'

83.83' S39°44'59"W

N54°14'15"W 7.13'

IR FND

BIO RETENTION SYSTEM

OUTSIDE FACE OF 10" WIDE CONCRETE WALL FOR BIO RETENTION SYSTEM LOCATED 2.15' OFF, AND PARALLEL WITH THE PROPERTY LINE

EXIST. GARAGE

ALISON L GOMES TR
#12 OLD COUNTRY WAY
MAP 48 BLOCK 2 PARCEL 55

#12 EXISTING DWELLING

S54°14'15"E 84.64'

N52°41'47"W 94.01'

CATARINA LOPES & CHRISTIINA FERNANDES
5 JENKINS PLACE
MAP 48 BLOCK 2 PARCEL 58

102.02' S50°33'13"W

#5 EXISTING DWELLING

EXIST. GARAGE

S52°41'47"E 99.69'

45.2'

20.3'

EXIST. SMH R=28.82' I=16.49'

FEET 0 5 10 20 30 40
METERS 0 2.5 5 7.5 10 12.5

JN 3711

NOTES:

1. ALL GAS LINES AND ACCESSORIES SHALL BE INSTALLED TO THE UTILITY COMPANIES STANDARDS AND UNDER THEIR SUPERVISION.
2. ALL ELECTRIC CONDUITS AND ACCESSORIES SHALL BE INSTALLED TO THE UTILITY COMPANIES STANDARDS AND UNDER THEIR SUPERVISION.
3. ALL WATER LINES AND ACCESSORIES SHALL BE INSTALLED TO THE SCITUATE DPW SPECIFICATIONS. SHOP DRAWING SUBMITTALS SHALL BE APPROVED BY THE SCITUATE DPW PRIOR TO INSTALLATION.

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ASSESSOR'S REF.: 48-2-56&57

COMMONWEALTH OF MASSACHUSETTS
PAUL JOSEPH MIRABITO
No. 39521
REGISTERED PROFESSIONAL ENGINEER

UTILITY LAYOUT

14-16 OLD COUNTRY WAY

OWNER/APPLICANT

14-16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:

ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659-1325

SCALE: 1"=10'

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COMMONWEALTH OF MASSACHUSETTS
GREGORY J. TANSEY
CIVIL
NO. 37219
REGISTERED PROFESSIONAL ENGINEER

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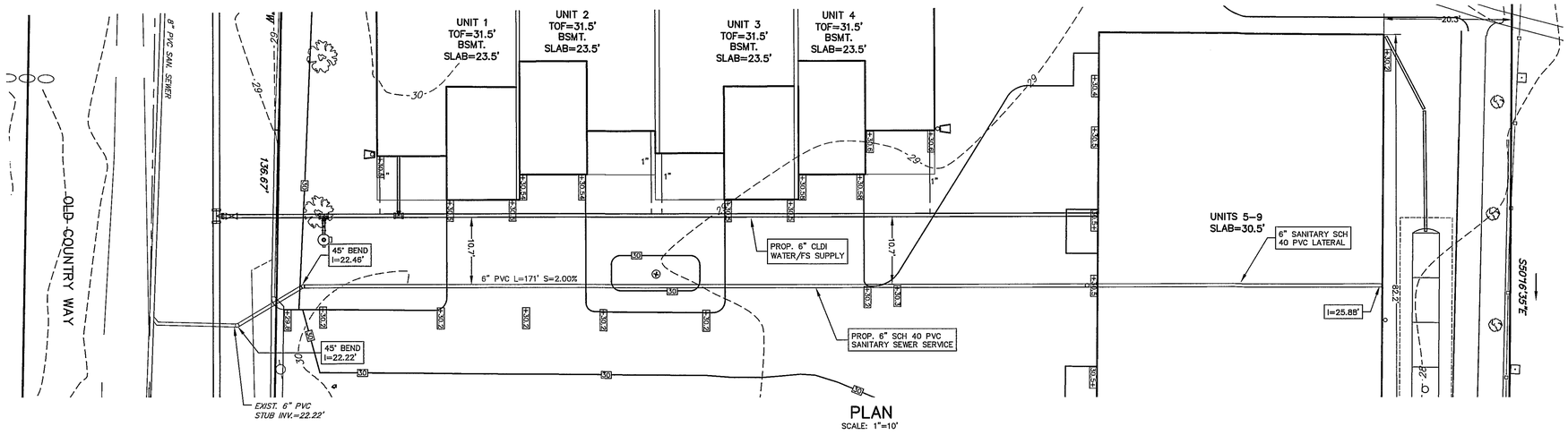
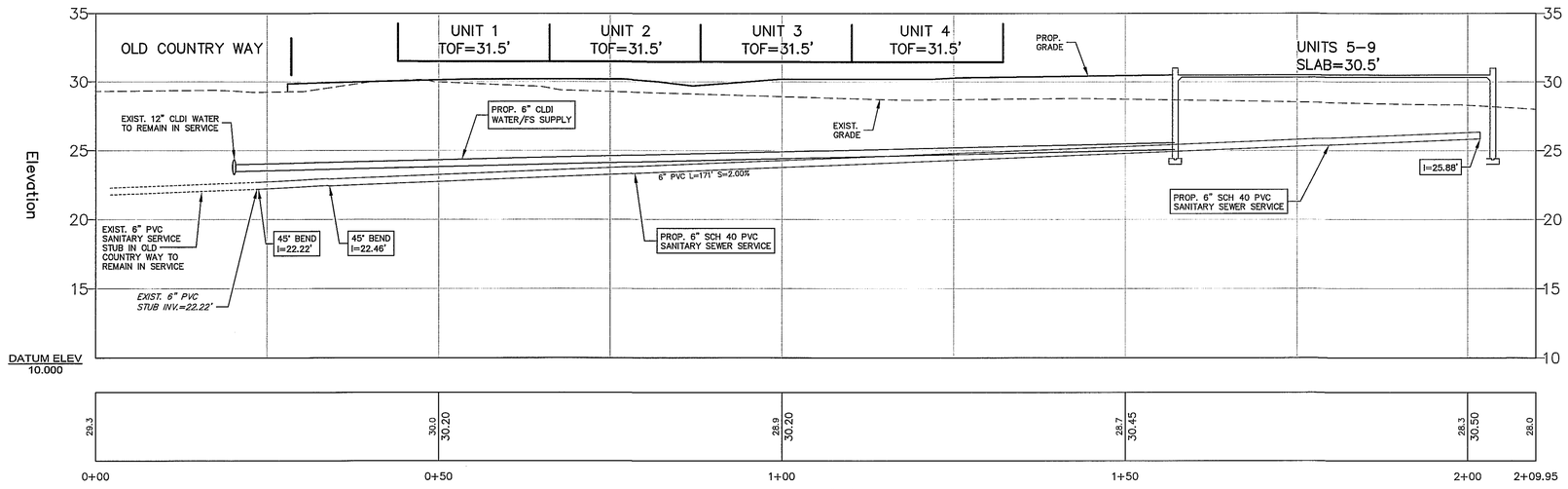
ZONING DISTRICT
BUSINESS

PROJECT
P.B.

SHEET 5 OF 10 SHEETS





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JN 3711

SITE DETAILS I

14–16 OLD COUNTRY WAY

OWNER/APPLICANT

14–16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:

ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659–1325

SCALE: AS SHOWN

APRIL 24, 2019

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SCITUATE PLANNING BD.

COMMONWEALTH OF MASSACHUSETTS
GREGORY J. TANSEY
CIVIL
NO. 37219
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PROFESSIONAL ENGINEER

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ZONING DISTRICT
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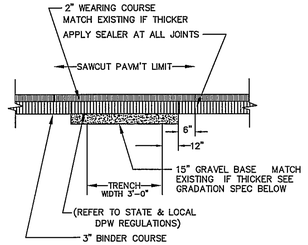
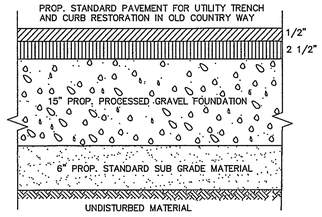
SHEET 6 OF 10 SHEETS



STANDARD PAVEMENT FOR UTILITY TRENCH RESTORATION



STANDARD PAVEMENT AND SUB BASE SECTION OF OLD COUNTRY WAY

NOTES:

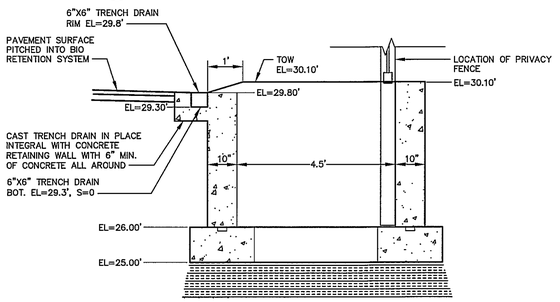
1. ANY RESTORATION WORK NEEDED TO BE PERFORMED IN OLD COUNTRY WAY SHALL MEET THE GRADATION SPECIFICATIONS OF NOTES 2 AND 3 BELOW.
2. STANDARD SUB GRADE MATERIAL SHALL CONTAIN NOT MORE THAN TEN (10) PERCENT PASSING THE #200 MESH SIEVE AND NOTHING LARGER THAN 3" WITHIN 3 FEET OF FINISHED GRADE PAVEMENT. SUCH MATERIAL SHALL BE DEPOSITED IN LAYERS OF NOT MORE THAN SIX (6) INCHES FOR THE FULL WIDTH SO AS TO FORM A ROADWAY FOUNDATION WHICH SHALL AT ALL POINTS BE PARALLEL TO THE FINISHED GRADE OF THE ROADWAY SURFACE. THE SUBGRADE MATERIAL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST, IN ACCORDANCE WITH ASTM D-1557-66T, METHOD "D". NOTHING LARGER THAN 3" WITHIN 3' OF FINISHED GRADE PAVEMENT.
3. PARKING LOT GRAVEL FOUNDATION SHALL BE PLACED IN 6" LIFTS COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST, IN ACCORDANCE WITH ASTM D-1557-66T, METHOD "D". SUCH ROADWAY FOUNDATION MATERIAL SHALL CONFORM TO THE GRADATION AS SPECIFIED BELOW.

15" COMPACTED GRAVEL FOUNDATION GRADATION SPECIFICATION

SIEVE SIZE	% OF PASSING BY WEIGHT	SIEVE SIZE	% OF PASSING BY WEIGHT	SIEVE SIZE	% OF PASSING BY WEIGHT
3"	100	1/2	48-85	20	15-43
2	95-100	3/8	44-80	40	8-34
1	60-100	#4	33-68	80	2-22
3/4	55-95	10	23-55	200	0-10
				.02 mm	0-3

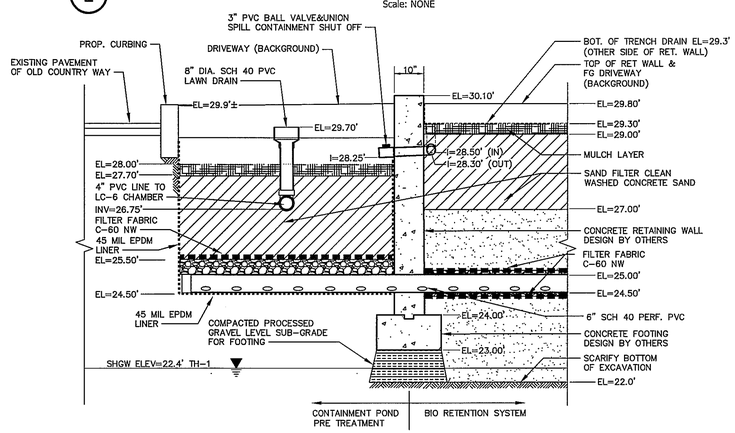
1 STANDARD PAVEMENT SECTION DETAILS

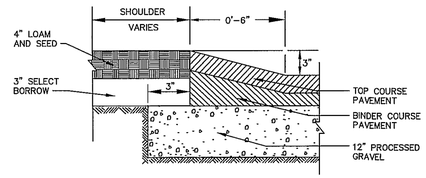
Scale: NONE



2 DOWN SPOUT CONNECTION DETAIL

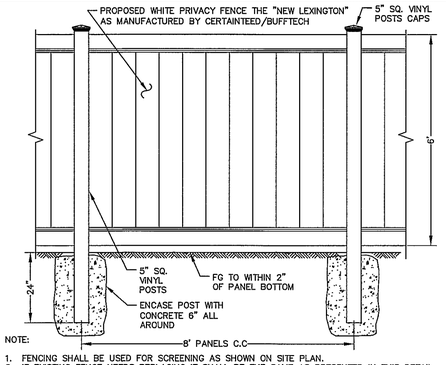
Scale: NONE





3 CAPE COD BERM DETAIL

Scale: NONE

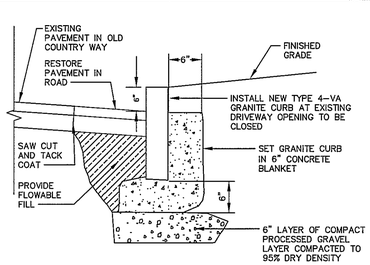


NOTE:

1. FENCING SHALL BE USED FOR SCREENING AS SHOWN ON SITE PLAN.
2. IF EXISTING FENCE NEEDS REPLACING IT SHALL BE THE SAME AS PRESENTED IN THIS DETAIL.

4 PRIVACY FENCE DETAIL

Scale: NONE

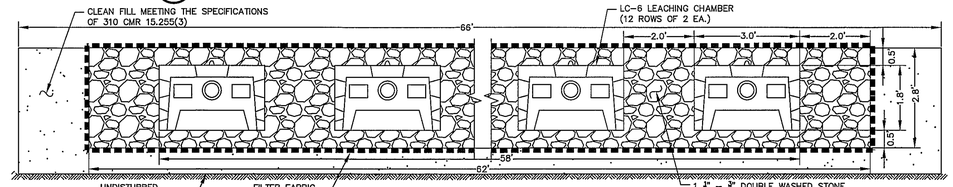


NOTES:

1. VERTICAL GRANITE CURB SHALL BE INSTALLED ALONG THE GUTTER LINE OF OLD COUNTRY WAY WHERE INDICATED ON SHEET 3.
2. VERTICAL GRANITE CURB SHALL BE SET TO MATCH EXISTING CURBING WITH RESPECT TO COLOR, LINE, GRADE, AND REVEAL.

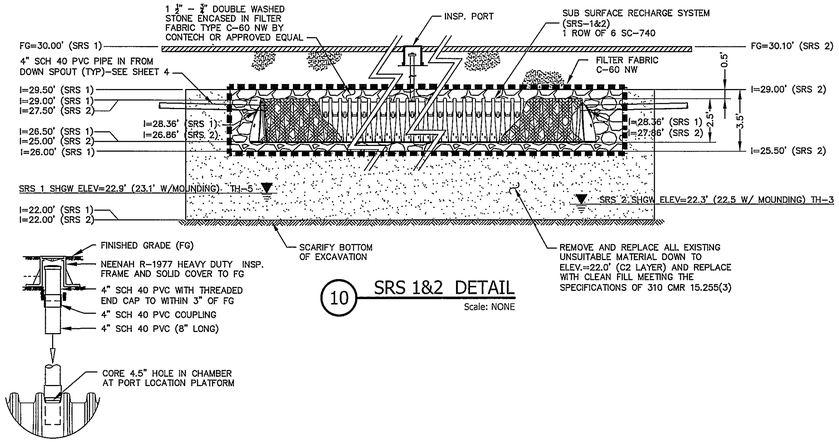
5 VA-4 GRANITE CURB DETAIL

Scale: NONE



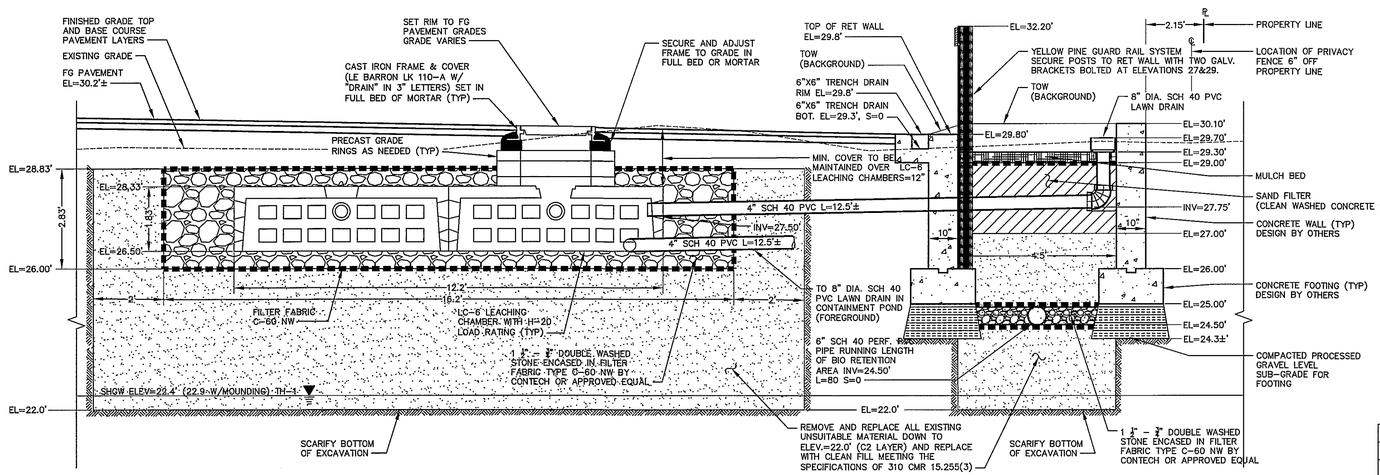
8 SRS 3 DETAIL

Scale: NONE



10 SRS 1&2 DETAIL

Scale: NONE



9 SECTION A-A BIO RETENTION ADN RECHAARGE SYSTEM DETAIL

Scale: NONE

6 SECTION C-C END RETAINING WALLS OF BIO RETENTION SYSTEM

Scale: NONE

7 SECTION B-B CONTAINMENT POND & BIO RETENTION SYSTEM DETAIL

Scale: NONE

NOTE:

1. SPLASH PAD TO BE USED FOR DOWN SPOUTS HAVING OVERFLOW DISCHARGING ON GROUND SURFACES ONLY.
2. SPLASH PAD NOT REQUIRED FOR DOWN SPOUTS HAVING OVERFLOW DISCHARGES ON PARKING AREAS.

LOCUS
14-16 OLD COUNTRY WAY
SCITUATE, MA 02066
ASSESSOR'S REF.: 48-2-56&57

NO.	DATE	DESCRIPTION	BY
4	8-27-20	CHANGE IMP COVER TO 42.3%	GJT
3	7-30-20	RESP TO PB COMMENTS 7-27-20	GJT
2	6-22-20	RESP TO PB COMMENTS 6-15-20	GJT
1	5-28-20	REV. PARKING & NOTES-SHT 3,4,&5	GJT

JN 3711

SITE DETAILS II

14-16 OLD COUNTRY WAY

OWNER/APPLICANT

14-16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:

ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659-1325

SCALE: AS SHOWN

APRIL 24, 2019

SITE PLAN APPROVED

DATE:_____

SCITUATE PLANNING BD.

COMMONWEALTH OF MASSACHUSETTS
GREGORY J. TANSEY
CIVIL
NO. 37219
REGISTERED PROFESSIONAL ENGINEER

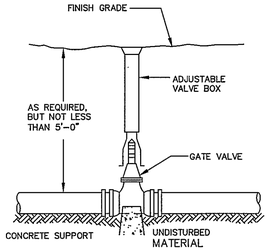
DATE FILED

REVIEWED BY ENGINEERING DIVISION
DATE:_____

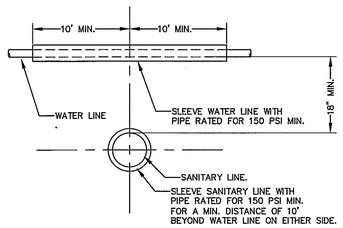
ZONING DISTRICT
BUSINESS

PROJECT
P.B.

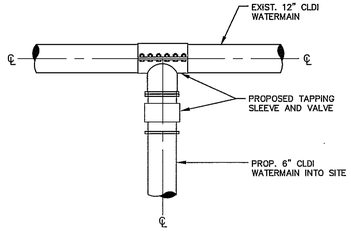
SHEET 7 OF 10 SHEETS



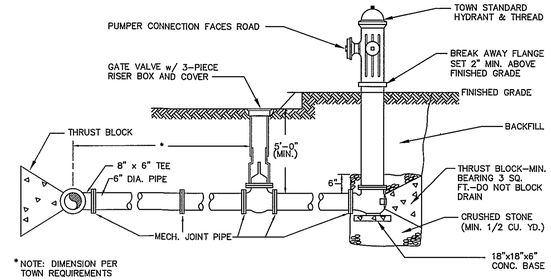
1 GATE VALVE DETAIL
Scale: NONE



2 CROSSING DETAIL
Scale: NONE



3 WATERMAIN CONNECTION DETAIL
Scale: NONE



*NOTE: DIMENSION PER TOWN REQUIREMENTS

4 HYDRANT CONNECTION DETAIL
Scale: NONE

MATERIAL SPECIFICATIONS
WATER MAINS AND APPURTENANCES

1.0 RESILIENT SEATED WEDGE GATE VALVES

1.1 Valves shall be iron body, bi-directional, resilient type, designed for 200 psi working pressure and conform to the latest revision of AWWA C-509-87.

1.2 Valves shall have O ring seals, non-rising seam and 2" operating nut. Valves shall open LEFT.

1.3 Valves shall have mechanical joint end, unless otherwise noted.

1.4 Valves interiors and exteriors shall be epoxy coated in accordance with AWWA Specification C-550.

1.5 Valves shall be as manufactured Mueller, Clow or American Darling.

2.0 VALVE BOXES

2.1 Valve boxes shall be cast iron, tar coated, telescoping heavy pattern type, consisting of flanged bottom, flanged top and cover with the word "WATER" cast in the cover.

3.0 FITTINGS

3.1 Fittings shall be full flow, compact size conforming to the latest revision of AWWA Specification C-153 and have a working pressure rating of 200psi.

3.2 Unless otherwise approved, all fittings shall have mechanical joint ends with appropriate glands, gaskets, nuts, bolts and accessories.

3.3 Restrained joints for mechanical joint fittings shall be mechanical as manufactured by Ebba Iron Co.

4.0 DUCTILE IRON PIPE

4.1 All ductile iron pipe shall be designed in accordance with ANS A21.50 and manufactured in accordance with ANS A21.51.

4.2 All ductile iron pipe shall be cement lined class 52 with an exterior tar coat in accordance with ANS 21.50/SAWWA C150/AWWA C111.

4.3 All ductile iron pipe shall be cement lined in accordance with ANS A21.4.

4.4 All pipe joints shall be of the bell spigot type.

5.0 METALLIC INDICATOR TAPE

5.1 Metallic indicator tape with "CAUTION WATER MAIN BURIED BELOW" shall be placed in trench 1' from final grade.

6.0 CORPORATION STOP

6.1 The corporation stop shall be of all bronze constructions. The inlet thread shall be of C.C. type. Outlet connections shall be compression suitable for use with type k copper tubing.

6.2 For purposes of standardization, corporation stop shall be Model F-1000CC as manufactured by the Ford Meter Box Co.

7.0 CURB STOPS

7.1 Curb stops shall be of all bronze construction with a drain and inlet and outlet compression connection suitable for use with type K copper tubing. Curb stops shall open LEFT.

7.2 For purposes of standardization, the curb stop shall be Model No. 244-444SW as manufactured by the Ford Meter Box Co.

8.0 CURB BOX

8.1 The curb box shall be cast iron tar coated telescoping "Eries" type with rod, consisting of a bottom, top and cover secured by a pentagon nut.

9.0 SADDLES

9.1 Saddles for service connections shall be all brass with a minimum 1" CC outlet.

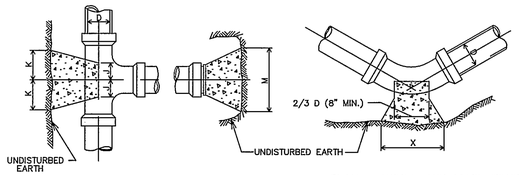
9.2 For the purposes of standardization, the saddle shall be Model 202-BS-1110x4CC as manufactured by the Ford Meter Co.

10 SERVICE CONNECTIONS

10.1 All service connections shall consist of a saddle, corporation stop, curb stop, curb box, copper type K tubing, stainless steel inserts and metallic indicator tape.

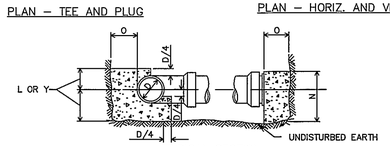
11 HYDRANTS

11.1 All hydrants shall be the Mueller Super Centurion.



PLAN – TEE AND PLUG

PLAN – HORIZ. AND VERT. BEND



TYPICAL SECTION
TEES, BENDS AND PLUGS

SIZE OF BRANCH	J	K	L	M	N	O
4" THRU 8"	10"	10"	1'-0"	2'-0"	1'-6"	10"

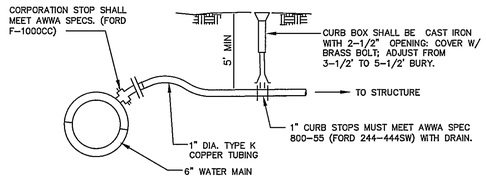
	90 & 45 BENDS			22 1/2 & 11 1/4		
D	4"TO8"	10"TO16"	24"	4"TO 8"	10"TO16"	24"
X	1'-8"	3'-4"	3'-6"	1'-4"	2'-0"	3'-6"
Y	1'-2"	1'-8"	2'-4"	1'-0"	1'-2"	2'-4"

BENDS

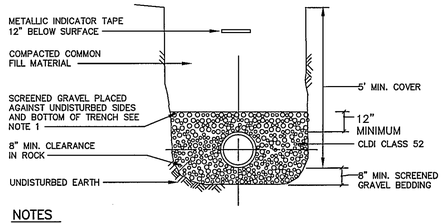
NOTES:

1. PROVIDE CONCRETE THRUST BLOCKS AT ALL BENDS, DEAD ENDS, & TEES UNLESS OTHERWISE DIRECTED. CONCRETE FOR ALL THRUST BLOCKS TO BE PLACED AGAINST FIRM, UNDISTURBED SOIL. PROVIDE APPROVED ANCHOR HARNESS RODS & SOCKET CLAMPS AS SPECIFIED & IN ACCORDANCE WITH PIPE MANUFACTURERS RECOMMENDATIONS WHERE SOIL HAS BEEN DISTURBED OR THRUST BLOCKS CANNOT BE USED.
2. ALL SOCKET CLAMP METAL SHALL BE COATED WITH BLACK ASPHALTUM OR OTHER WATER DEPARTMENT APPROVED COATINGS.
3. CONCRETE THRUST BLOCKS POURED BEHIND 3-WAY TEE & HYDRANT.
4. NO CONCRETE SHALL COVER PIPE JOINTS, FITTING JOINTS, BOLTS OR HYDRANT DRAINS.

5 THRUST BLOCK DETAIL
Scale: NONE



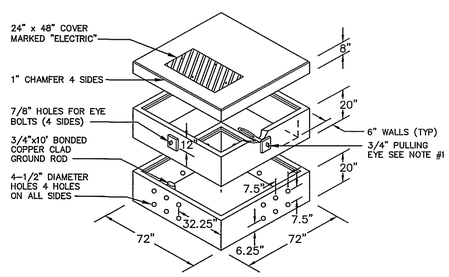
8 1" WATER SERVICE DETAIL
Scale: NONE



NOTES

1. TRENCHES LOCATED ON THE ROAD SHOULDER SHALL BE TREATED THE SAME AS STREET EXCEPT FOR PAVING.

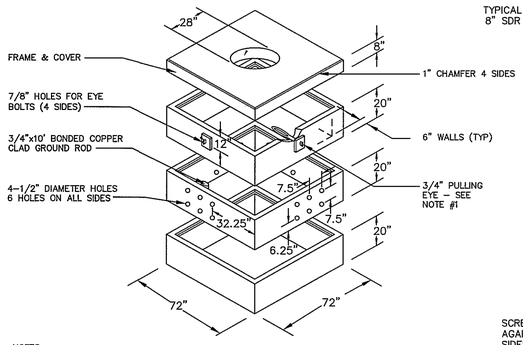
11 WATER MAIN BEDDING DETAIL
Scale: NONE



NOTES:

1. INSTALL GALVANIZED PULLING EYES, ONE ON EACH WALL (4) 3/4" EYES.
2. CONCRETE TO BE 5000 PSI HIGH EARLY STRENGTH.
3. CONDUIT OPENING TO HAVE 4" BELL ENDS FLUSH WITH INSIDE WALL.
4. DO NOT BURY MORE THAN 18" BELOW FINAL GRADE.
5. INSTALL VAULT ON A 12" BED OF CRUSHED STONE WHEN REQUIRED.

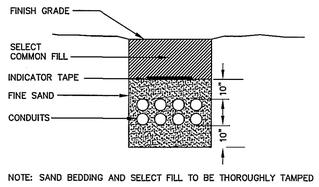
6 3 PHASE TRANSFORMER VAULT
UP TO 500 KVA
Scale: NONE



NOTES:

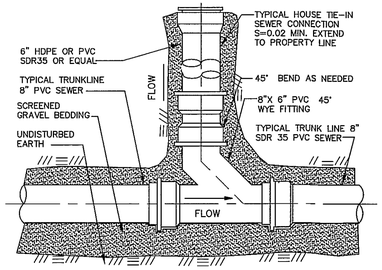
1. INSTALL GALVANIZED PULLING EYES, ONE ON EACH WALL (4) 3/4" EYES.
2. CONCRETE TO BE 5000 PSI HIGH EARLY STRENGTH.
3. CONDUIT OPENING TO HAVE 4" BELL ENDS FLUSH WITH INSIDE WALL.
4. DO NOT BURY MORE THAN 18" BELOW FINAL GRADE.
5. TO BE INSTALLED ON A 12" BED OF CRUSHED STONE WHEN REQUIRED.
6. COVER TO BE MARKED ELECTRIC.

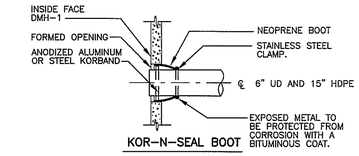
9 UTILITY PULL BOX DETAIL
Scale: NONE



NOTE: SAND BEDDING AND SELECT FILL TO BE THOROUGHLY TAMPED

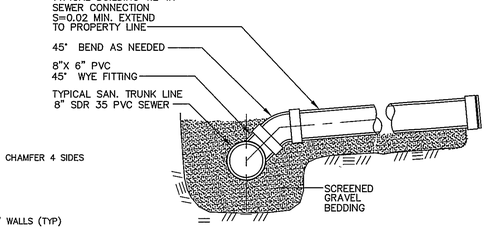
12 ELEC. CONDUIT DETAIL
Scale: NONE



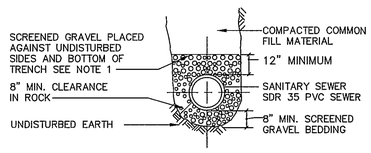


NOTE:
CONTRACTOR MAY OPT TO SEAL PENETRATION WITH NON-SHRINK GROUT INSTEAD OF USING BOOT

14 PENETRATION DETAIL
Scale: NONE

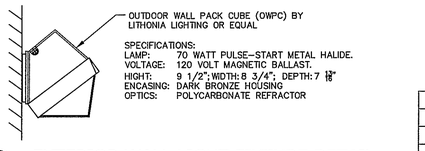


7 WYE BRANCH SERVICE CONNECTION
Scale: NONE



1. TRENCHES LOCATED ON THE ROAD SHOULDER SHALL BE TREATED THE SAME AS STREET EXCEPT FOR PAVING.
2. PROVIDE AT LEAST ONE IMPERVIOUS DAM IN SCREENED GRAVEL BEDDING AT STATIONS HALF WAY BETWEEN MANHOLES. SEE DETAIL THIS SHEET.

10 SEWER PIPE BEDDING DETAIL
Scale: NONE



13 EXTERIOR WALL LIGHT FIXTURE DETAIL
Scale: NONE

NO.	DATE	DESCRIPTION	BY
4	8-27-20	CHANGE IMP COVER TO 42.3%	GJT
3	7-30-20	RESP TO PB COMMENTS 7-27-20	GJT
2	6-22-20	RESP TO PB COMMENTS 6-15-20	GJT
1	5-26-20	REV. PARKING & NOTES-SHT 3,4,&5	GJT

JN 3711

LOCUS
14-16 OLD COUNTRY WAY
SCITUATE, MA 02066
ASSESSOR'S REF.: 48-2-56&57

SITE DETAILS III

14-16 OLD COUNTRY WAY

OWNER/APPLICANT

14-16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:

ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659-1325

SCALE: AS SHOWN

APRIL 24, 2019

SITE PLAN APPROVED

DATE:_____

SCITUATE PLANNING BD.

COMMONWEALTH OF MASSACHUSETTS
GREGORY J. TANSEY
CIVIL
NO. 37219
REGISTERED
PROFESSIONAL ENGINEER

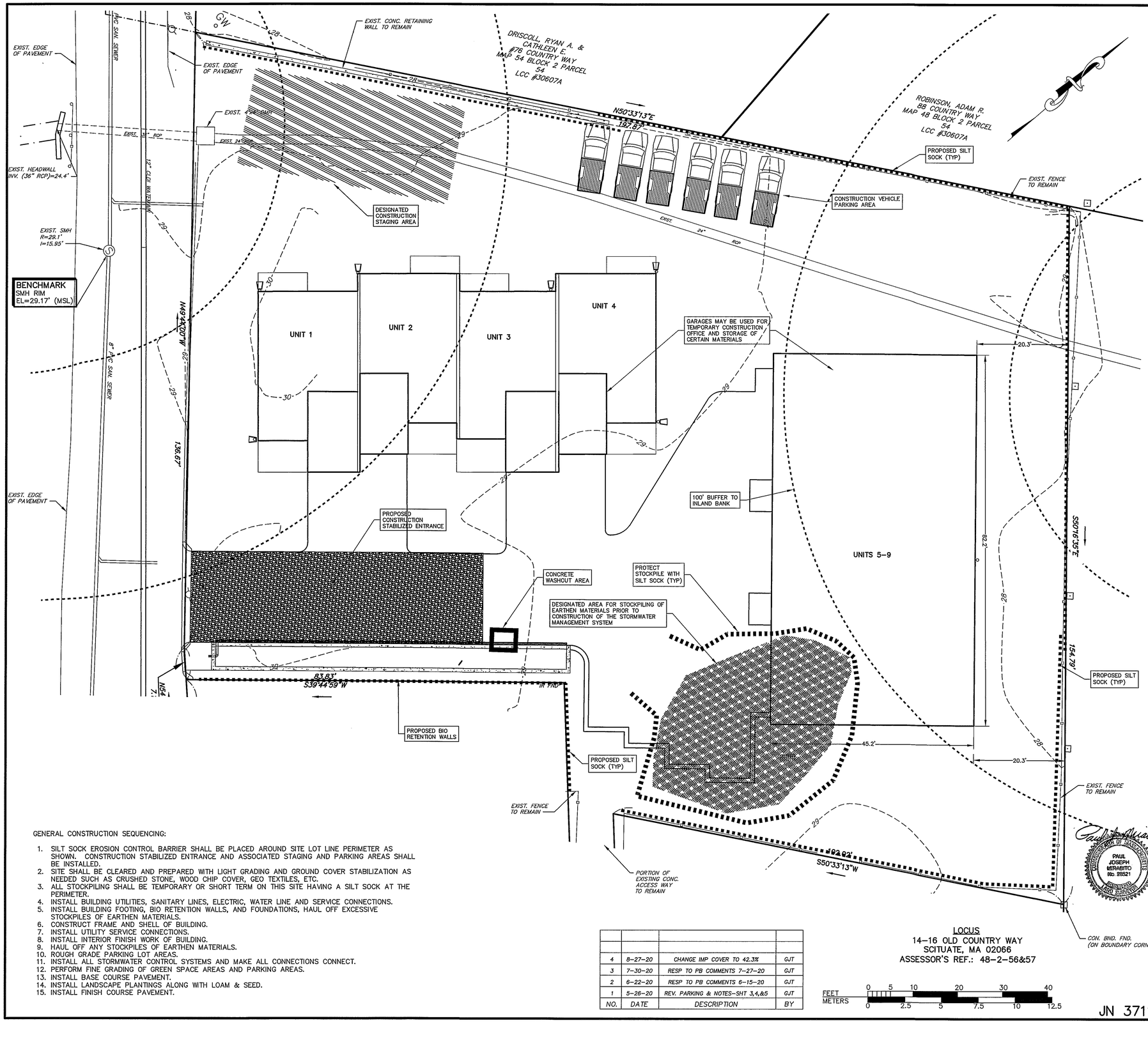
DATE FILED

REVIEWED BY ENGINEERING DIVISION
DATE:_____

ZONING DISTRICT
BUSINESS

PROJECT
P.B.

SHEET 8 OF 10 SHEETS



GENERAL CONSTRUCTION SEQUENCING:

1. SILT SOCK EROSION CONTROL BARRIER SHALL BE PLACED AROUND SITE LOT LINE PERIMETER AS SHOWN. CONSTRUCTION STABILIZED ENTRANCE AND ASSOCIATED STAGING AND PARKING AREAS SHALL BE INSTALLED.
2. SITE SHALL BE CLEARED AND PREPARED WITH LIGHT GRADING AND GROUND COVER STABILIZATION AS NEEDED SUCH AS CRUSHED STONE, WOOD CHIP COVER, GEO TEXTILES, ETC.
3. ALL STOCKPILING SHALL BE TEMPORARY OR SHORT TERM ON THIS SITE HAVING A SILT SOCK AT THE PERIMETER.
4. INSTALL BUILDING UTILITIES, SANITARY LINES, ELECTRIC, WATER LINE AND SERVICE CONNECTIONS.
5. INSTALL BUILDING FOOTING, BIO RETENTION WALLS, AND FOUNDATIONS, HAUL OFF EXCESSIVE STOCKPILES OF EARTHEN MATERIALS.
6. CONSTRUCT FRAME AND SHELL OF BUILDING.
7. INSTALL UTILITY SERVICE CONNECTIONS.
8. INSTALL INTERIOR FINISH WORK OF BUILDING.
9. HAUL OFF ANY STOCKPILES OF EARTHEN MATERIALS.
10. ROUGH GRADE PARKING LOT AREAS.
11. INSTALL ALL STORMWATER CONTROL SYSTEMS AND MAKE ALL CONNECTIONS CONNECT.
12. PERFORM FINE GRADING OF GREEN SPACE AREAS AND PARKING AREAS.
13. INSTALL BASE COURSE PAVEMENT.
14. INSTALL LANDSCAPE PLANTINGS ALONG WITH LOAM & SEED.
15. INSTALL FINISH COURSE PAVEMENT.

NO.	DATE	DESCRIPTION	BY
4	8–27–20	CHANGE IMP COVER TO 42.3%	GJT
3	7–30–20	RESP TO PB COMMENTS 7–27–20	GJT
2	6–22–20	RESP TO PB COMMENTS 6–15–20	GJT
1	5–26–20	REV. PARKING & NOTES–SHT 3,4,&5	GJT

LOCUS
14–16 OLD COUNTRY WAY
SCITUATE, MA 02066
ASSESSOR'S REF.: 48–2–56&57

FEET 0 5 10 20 30 40
METERS 0 2.5 5 7.5 10 12.5

JN 3711

EROSION AND SEDIMENT CONTROL PLAN

OBJECTIVE

1. TO PROTECT THE MUNICIPAL INFRASTRUCTURE AND RESOURCE AREAS LOCATED ON SITE FROM ANY DAMAGE, HARM, AND OR ALTERATIONS RESULTING FROM NEGLIGENT CONSTRUCTION ACTIVITIES OR PRACTICES. SAID NEGLIGENT ACTIVITIES OR PRACTICES INCLUDE BUT ARE NOT LIMITED TO:
   A. THE DISCHARGE OR PUMPING OF OF WATER CONTAMINATED WITH SILT INTO THE WETLANDS.
   B. ALLOWING UNTREATED RUNOFF INTO THE WETLANDS.
   C. ALLOWING EROSION TO OCCUR IN THE WETLANDS.
   D. STOCKPILING FILL OF ANY CONSTRUCTION MATERIAL IN WETLANDS OR NEAR THE WETLANDS WITHOUT ADEQUATE PROTECTIVE MEASURES IN PLACE.

DISTURBED DEVELOPMENT AREA

1. TOTAL AREA OF DISTURBANCE FOR PAVING, DRAINAGE, UTILITY AND SITE RELATED ACTIVITIES=0.53 ACRES.
2. THE MAXIMUM AREA OF DISTURBANCE AT ANY ONE TIME AND THE AMOUNT OF BARE EARTH TO BE EXPOSED AT ANY ONE TIME = 0.65 ACRES WITH LENGTH OF TIME OF EXPOSURE BEING 120 DAYS. STABILIZATION SHOULD OCCUR WITHIN 24 HOURS OF DISTURBANCE IF NO FURTHER WORK IS NECESSARY IN ANY PARTICULAR AREA. OTHERWISE, THE PARTICULAR CONSTRUCTION ACTIVITY SHOULD BE CONDUCTED SO AS TO COMPLY WITH THE TOWN'S CONSTRUCTION REQUIREMENTS AND THEN STABILIZE THE AREA WITHIN 24 HOURS OF COMPLETION OF THAT PARTICULAR CONSTRUCTION ACTIVITY. AFTER ROUGH GRADING IS COMPLETED SAID AREAS SHALL BE PROPERLY STABILIZED WITHIN 24 HOURS OF COMPLETION.

EROSION CONTROL

1. THE EASIEST AND MOST EFFECTIVE WAY TO CONTROL EROSION IS THROUGH SOURCE REDUCTION. THIS IS EFFECTIVELY DONE BY CAREFULLY PLANNING EXCAVATION ACTIVITIES DURING FAVORABLE WEATHER CONDITIONS. OPEN EXCAVATION AREAS MAY ALSO POSE A THREAT TO OFF SITE AREAS IF NEGLECTED OR LEFT OPEN FOR LONG PERIODS OF TIME. PROPER STOCKPILING MANAGEMENT WILL PREVENT EROSION PROBLEMS. ALL STOCKPILES SHALL BE STABILIZED ON SITE OR REMOVED OFF SITE PRIOR TO ANY RAINFALL EVENT.
2. ANOTHER EFFECTIVE METHOD OF SOURCE REDUCTION IS TO PROMPTLY TREAT DISTURBED AREAS. A DISTURBED AREA LEFT IN A NON–STABILIZED CONDITION IS A PROBLEM WAITING TO HAPPEN. DISTURBED AREAS CAN BE STABILIZED BY LOAMING AND SEEDING. IF THIS IS IMPRACTICAL DUE TO SEASONAL TIMING OR BEING IN A HIGH TRAFFIC AREA, THE AREA MAY BE STABILIZED THROUGH THE USE OF APPLYING A 6" LAYER OF CRUSHED STONE TO THE AREA. WOOD CHIPS AND MULCHING HAVE BEEN USED IN SUCH AREAS TO SOME SUCCESS AS WELL. FOR NON TRAFFIC AREAS, STRAW CAN BE PUT DOWN TO RETARD THE EFFECTS OF EROSION.
3. AREAS THAT CAN NOT BE STABILIZED DUE TO THE NATURE OF THE THE ACTIVITY SHOULD BE CONTAINED. CONTAINMENT MAY BE ACHIEVED BY INSTALLING A TEMPORARY SILT FENCE AROUND THE AREA OR ALONG THE DOWN GRADIENT EDGE OF THE DISTURBED AREA. THE CONTRACTOR SHALL USE GOOD JUDGMENT TO PREVENT EROSION AND DISCHARGES INTO RESOURCE AREAS. RELYING ONLY ON THE SEDIMENT BARRIER LINE AT THE LIMIT OF WORK LINE IS IMPRUDENT AND CAN PUT THE PROJECT AT RISK TO ENFORCEMENT ORDERS.

DE–WATERING PRACTICES

A. DE–WATERING OF TRENCHES AND OPEN EXCAVATIONS SHALL BE PERFORMED SO AS TO ACHIEVE AT A MINIMUM THE FOLLOWING STANDARDS:
   1. NO BUCKETING OR PUMPING OF DE–WATERING ACTIVITIES SHALL HAVE A DIRECT DISCHARGE INTO RESOURCE AREAS ON OR OFF THE SITE.
   2. MUD PUMPS SHALL BE PLACED IN A 5 GALLON BUCKET FILLED WITH CRUSHED STONE TO FILTER OUT HEAVY SEDIMENTS.

B. THE CONTRACTOR MAY USE ANY PRETREATMENT DEVICES SHOWN ON THE PLANS OR MAY IMPLEMENT OTHER DEVICES OR PRACTICES WITH THE APPROVAL OF THE TOWN AND THE DESIGNING ENGINEER.

C. THE PREFERRED PRE–TREATMENT METHOD IS TO SET A SILT BAG IN THE BACK OF A TRUCK AND PUMP INTO IT WHILE THE TRUCK IS PARKED IN A STABILIZED AREA. CLEAN WATER LEACHES OUT OF THE BAG AND RUNS OFF OVER AN UNDISTURBED AREA. WHEN THE BAG IS FULL, THE TRUCK DRIVES OFF AND EMPTIES THE BAG IN A PROPER LOCATION. THIS METHOD OFFERS THE CONTRACTOR A LOT OF FLEXIBILITY, MAKES EXCAVATION GO FASTER, AND IS A VERY SAFE METHOD OF DE–WATERING.

STOCKPILING PRACTICES

1. LONG TERM STOCKPILES OF LOAM AND FILL MATERIALS SHALL BE CONTAINED OR STABILIZED THROUGH LOAMING AND SEEDING IF THE PILE IS TO SIT FOR A PERIOD OF TIME EXCEEDING 30 DAYS.
2. COVERING PILES DURING DOWN POURS WITH TARPS CAN BE AN EFFECTIVE METHOD OF TEMPORARY EROSION CONTROL.
3. STOCKPILES SHALL BE LOCATED AT LEAST 100' AWAY FROM WETLANDS AND SURROUNDED BY A SILTATION BARRIER.
4. STOCKPILES SHALL BE STABILIZED WITH TEMPORARY VEGETATION, MULCH, OR COVERING WITH TARPS.
5. DESIGNATED STOCKPILE LOCATIONS SHALL BE IN SECURE AREAS OF THE SITE.

SEDIMENT BASIN/SILT TRAP MAINTENANCE

1. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO 1/2 OF THE DESIGN DEPTH IN THE TRAP. SEDIMENT SHALL BE REMOVED AND DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
2. THE TRAP SHALL BE INSPECTED AFTER EACH RAIN STORM AND CLEANED OR REPAIRED IF NECESSARY.
3. THE TOP 2/3 OF THE RISER SHALL BE PERFORATED WITH 1" DIAMETER HOLES 6" HORIZ. AND VERTICALLY. NO HOLES SHALL BE ALLOWED WITHIN 6" OF THE HORIZONTAL PIPE.
4. THE RISER SHALL BE WRAPPED WITH FILTER FABRIC. THE FILTER FABRIC SHALL BE 6" ABOVE THE HIGHEST HOLE AND 6" BELOW THE LOWEST. CONNECTING BANDS SHALL BE USED TO HOLD THE FILTER FABRIC IN PLACE AT THE TOP AND BOTTOM OF THE PIPE.
5. THE RISER SHALL BE ANCHORED WITH EITHER A CONCRETE BASE OR STEEL PLATE TO PREVENT FLOATATION.
6. EARTH DAM FILL MATERIAL SHALL BE FREE OF ROCKS, ROOTS, OR OTHER ORGANIC MATERIAL.

STORMWATER CONSTRUCTION PRACTICES

1. ALL AREAS WHERE RECHARGE/INFILTRATION SYSTEMS ARE BEING PROPOSED, SHALL BE PROTECTED FROM DEGRADATION BY CONSTRUCTION BY INCORPORATING THE FOLLOWING CONSTRUCTION PRACTICES:
   A. HEAVY EQUIPMENT SHALL NOT PASS, RE–PASS, OR HAUL MATERIALS IN THE EXCAVATED AREAS OF THE STORMWATER RECHARGE CHAMBERS SO AS TO COMPACT AND ALTER THE INFILTRATION CHARACTERISTICS OF THE UNDISTURBED MATERIAL BENEATH THE SYSTEM BY COMPACTION.
   B. NO HEAVY EQUIPMENT SHALL BE PARKED, STORED, OR DRIVEN OVER THE EXCAVATED AREAS PREPARED FOR STORMWATER TREATMENT.
   C. ONLY HEAVY EQUIPMENT USED DIRECTLY IN THE CONSTRUCTION OF THE STORMWATER BASINS SHALL BE ALLOWED IN THE EXCAVATED AREAS OF THE STORMWATER MANAGEMENT SYSTEMS.
   D. NO STORMWATER FROM CONSTRUCTION ACTIVITIES OR DISTURBED AREAS SHALL BE DISCHARGED INTO THE STORMWATER INFILTRATION SYSTEMS. ALL SUCH DISCHARGES SHALL BE ROUTED THROUGH APPROVED TEMPORARY CONTROLS PRIOR TO RELEASE OFF SITE OR TO RESOURCE AREAS.

Commonwealth of Massachusetts — Paul Joseph Merabito No. 28521 — Registered Professional Surveyor

EROSION CONTROL PLAN

14–16 OLD COUNTRY WAY

OWNER/APPLICANT
14–16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:
ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659–1325

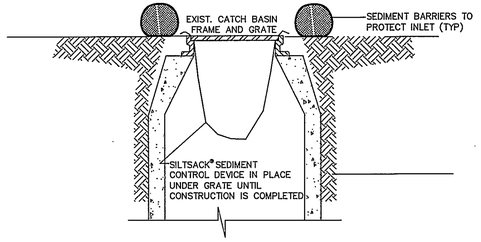
SCALE: 1"=10'

APRIL 24, 2019

SITE PLAN APPROVED
DATE:_____
SCITUATE PLANNING BD.

Commonwealth of Massachusetts — Gregory J. Tansey Civil No. 37219 — Registered Professional Engineer

DATE FILED
REVIEWED BY ENGINEERING DIVISION DATE:_____
ZONING DISTRICT BUSINESS
PROJECT P.B.
SHEET 9 OF 10 SHEETS

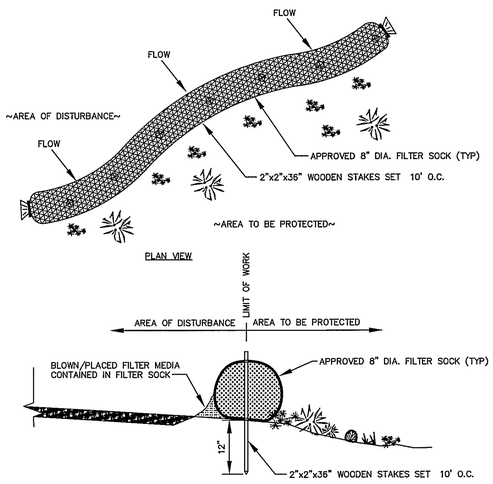


NOTES:

1. PROVIDE 2x2 SILTSACK® SEDIMENT TRAPS ON ALL EXISTING CB'S WITHIN 100' OF A CONSTRUCTION ENTRANCE.
2. SILTSACK® SHALL BE PROVIDED WITH TWO DUMP STRAPS ATTACHED TO THE BOTTOM, LIFTING LOOPS, AND A YELLOW RESTRAINT CORD APPROX. HALFWAY UP THE SACK. THE YELLOW RESTRAINT CORD IS ALSO A VISUAL MEANS OF INDICATING WHEN SACK SHOULD BE EMPTIED. ONCE STRAP IS COVERED WITH SEDIMENT, SILTSACK SHOULD BE EMPTIED, CLEANED AND PLACED BACK INTO THE CHAMBER.
3. TO INSTALL SILTSACK®, REMOVE GRATE AND PLACE SACK IN THE OPENING. HOLDOUT APPROXIMATELY SIX INCHES OF THE SACK (AREA WITH LIFTING STRAPS) OUTSIDE THE FRAME AND REPLACE GRATE TO HOLD SACK IN PLACE.
4. WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, SILTSACK® IS FULL AND SHOULD BE EMPTIED.
5. TO REMOVE SILTSACK®, TAKE TWO PIECES OF 1" DIAMETER REBAR AND PLACE THROUGH THE LIFTING LOOPS ON EACH SIDE OF THE SACK TO FACILITATE LIFTING OF THE SACK.
6. TO EMPTY SILTSACK®, PLACE IT WHERE CONTENTS WILL BE COLLECTED, PLACE THE REBAR THROUGH THE DUMP STRAPS (CONNECTED TO THE BOTTOM OF THE SACK) AND LIFT. THIS WILL TURN THE SACK INSIDE OUT AND EMPTY THE CONTENTS.

1 CATCHBASIN SILT TRAP INSERT DETAIL

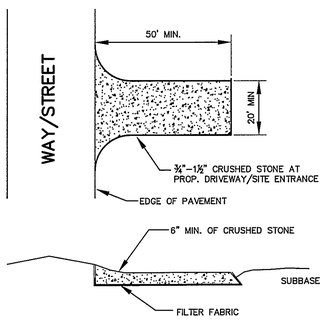
Scale: NONE



ALL SEDIMENT CONTROL BARRIERS SHOWN ON THE CONSTRUCTION PLAN SHALL HAVE A DIAMETER OF 8"

2 SEDIMENT CONTROL BARRIER DETAIL

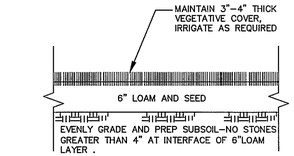
Scale: NONE



1. CONTRACTOR TO MAINTAIN ENTRANCE (i.e. REMOVE STONE WHEN 90% CLOGGED) UNTIL BASE COURSE IS INSTALLED.

3 STABILIZED CONSTRUCTION ENTRANCE

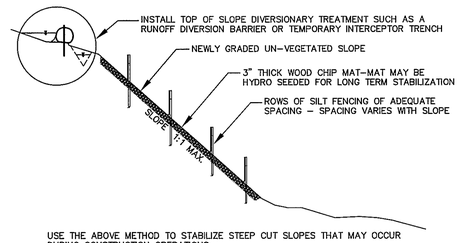
Scale: NONE



LOAM AND SEED COVER SHALL BE USED TO PERMANENTLY STABILIZE DISTURBED AREAS, BUT MAY ALSO BE USED FOR TEMPORARY LONG TERM STABILIZATION APPLICATIONS AS WELL.

4 LOAM & SEED COVER DETAIL

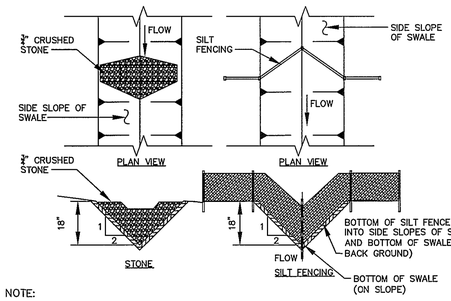
Scale: NONE



USE THE ABOVE METHOD TO STABILIZE STEEP CUT SLOPES THAT MAY OCCUR DURING CONSTRUCTION OPERATIONS

5 SLOPE INTERUPTION DETAIL

Scale: NONE

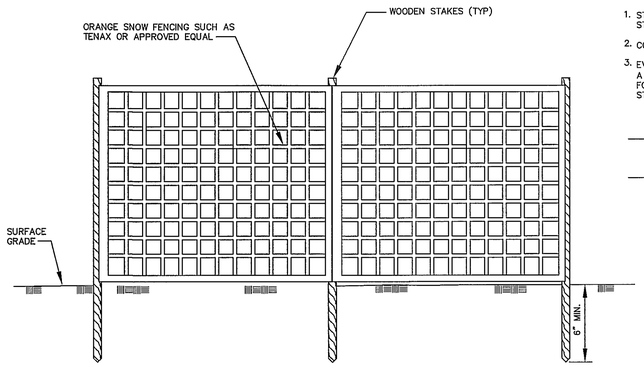


NOTE:

CHECK DAMS MAY BE MADE USING THE SILT SOCK SEDIMENT BARRIERS. THIS APPLICATION IS WELL SUITED FOR THE PERMANENT WATER QUALITY SWALES ON EITHER SIDE OF THE DRIVEWAY.

6 CHECK DAM DETAIL

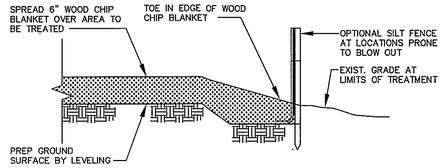
Scale: NONE



INSTALL SILT FENCE ALONG EDGE OF DRIVEWAY AS SHOWN IN PLAN TO PREVENT UNAUTHORIZED VEHICLE ENTRY THE INFILTRATION ZONE.

7 SNOW FENCING DETAIL

Scale: NONE

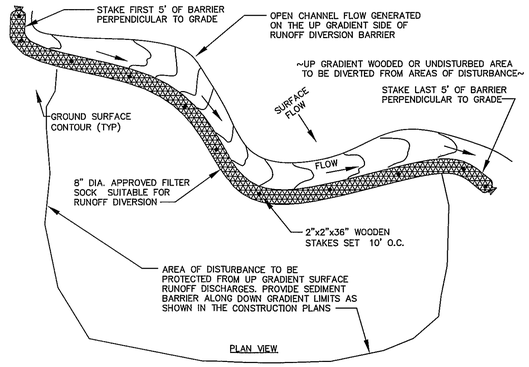


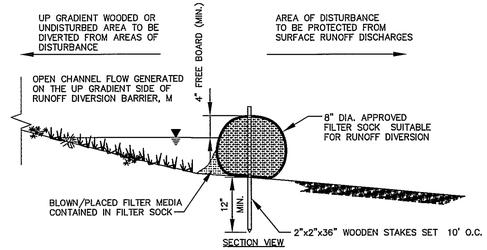
CONSTRUCT A WOOD CHIP BLANKET PER DETAIL TO STABILIZE TRAFFIC OR STORAGE AREAS DURING SATURATED CONDITIONS TO PREVENT EROSION, OR OTHER FORMS OF SILT LADEN CONTAMINATION SUCH AS TIRE TREADS DEPOSITING SILT IN AREAS THAT MAY BECOME PROBLEMATIC.

WOOD CHIP BLANKET MAY ALSO BE IMPLEMENTED FOR DUST CONTROL DURING DRY CONDITIONS.

8 WOOD CHIP COVER BLANKET DETAIL

Scale: NONE





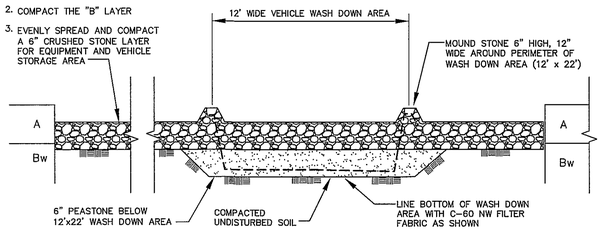
RUNOFF DIVERSION BARRIER SHALL BE THE FILTREXX RUNOFF DIVERSION TYPE AS MANUFACTURED BY FILTREXX LAND IMPROVEMENT SYSTEMS OR APPROVED EQUAL.

MINIMUM DIAMETER OF RUNOFF DIVERSION BARRIER SHALL BE 18"

9 RUNOFF DIVERSION BARRIER

Scale: NONE

1. STRIP OFF THE "A" LAYER AND STOCK PILE
2. COMPACT THE "B" LAYER
3. EVENLY SPREAD AND COMPACT A 6" CRUSHED STONE LAYER FOR EQUIPMENT AND VEHICLE STORAGE AREA

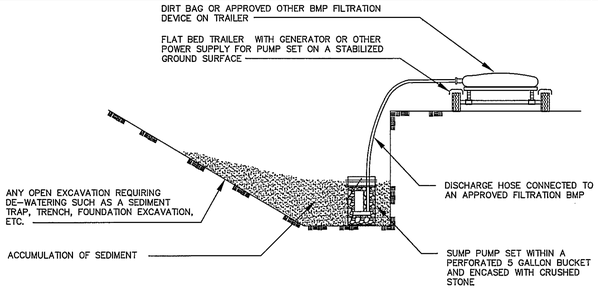


10 VEHICLE PARKING/WASHDOWN AREA

Scale: NONE

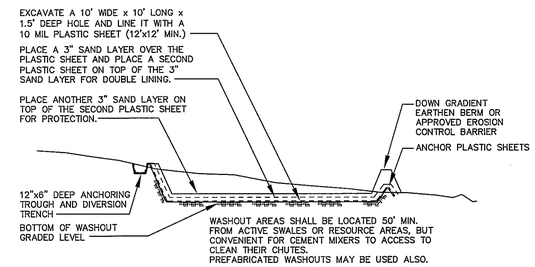
NO.	DATE	DESCRIPTION	BY
4	8–27–20	CHANGE IMP COVER TO 42.3%	GJT
3	7–30–20	RESP TO PB COMMENTS 7–27–20	GJT
2	6–22–20	RESP TO PB COMMENTS 6–15–20	GJT
1	5–26–20	REV. PARKING & NOTES–SHT 3,4,&5	GJT

JN 3711



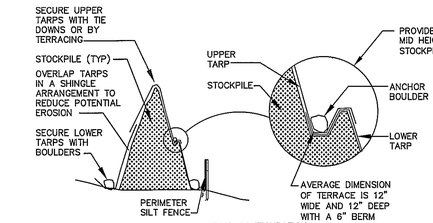
11 DEWATERING TECHNIQUES

Scale: NONE



12 DESIGNATED WASHOUT AREAS

Scale: NONE



LONG TERM STOCKPILING (30 DAYS OR MORE) SHALL BE LOAMED AND SEEDED OR MAY BE COVERED WITH TARPS. ALL STOCKPILED MATERIALS SHALL BE LOCATED IN THE DESIGNATED AREAS DEPICTED ON THE APPLICABLE CONSTRUCTION PHASE PLANS.
ALL DESIGNATED STOCK PILE AREAS SHALL CONTINUOUSLY MAINTAIN PERIMETER PROTECTION IN THE FORM OF APPROVED SEDIMENT BARRIERS. CONTRACTOR IS ENCOURAGED TO PROVIDE PERIMETER PROTECTION AROUND INDIVIDUAL PILES PRIOR TO HEAVY RAINFALL EVENTS. SILT FENCING MAY BE USED FOR PERIMETER PROTECTION AROUND INDIVIDUAL PILES.

13 STOCKPILING PRACTICES

Scale: NONE

LOCUS
14–16 OLD COUNTRY WAY
SCITUATE, MA 02066
ASSESSOR'S REF.: 48–2–56&57

EROSION CONTROL DETAILS

14–16 OLD COUNTRY WAY

OWNER/APPLICANT

14–16 OLD COUNTRY WAY, LLC
ROBERT A. PROCTOR, MANAGER
75 GILSON ROAD
SCITUATE, MA 02066

PREPARED BY:

ROSS ENGINEERING CO. INC.
683 MAIN STREET
NORWELL, MASS. 02061
(781) 659–1325

SCALE: AS SHOWN

APRIL 24, 2019

SITE PLAN APPROVED

DATE:_____

SCITUATE PLANNING BD.

COMMONWEALTH OF MASSACHUSETTS
GREGORY J. TANSEY
CIVIL
NO. 37219
REGISTERED PROFESSIONAL ENGINEER

DATE FILED

REVIEWED BY ENGINEERING DIVISION
DATE:_____

ZONING DISTRICT
BUSINESS

PROJECT
P.B.

SHEET 10 OF 10 SHEETS