

SOIL TESTS PERFORMED BY: BRUCE SALLUK, ON JULY 12, 2005.
 SOIL TESTS WITNESSED BY PAUL PENNING, SBOH.

DEEP HOLE: TP#5	ELEV.	DEEP HOLE: TP#11	ELEV.
GROUND	265.0	GROUND	265.3
LOAM	2.515/1	LOAM	2.515/1
36" Bw	265.3	36" Bw	265.3
SANDY LOAM	2.515/2	SANDY LOAM	2.515/2
36" Bw	265.3	36" Bw	265.3
SAND	2.515/2	SAND	2.515/2
84" C	259.2	84" C	259.3
MOTTLING: 42" 5YR5/6 262.3		MOTTLING: 44" 2.5Y7/8 262.8	
PERCOLATION TEST: 3 MPH @ 48"		PERCOLATION TEST: 3 MPH @ 60"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

SOIL TESTS PERFORMED BY: PETER BEIMS, ON AUGUST 26, 2015.
 SOIL TESTS WITNESSED BY DENNIS COSTELLO, SBOH.

DEEP HOLE: TP#1A	ELEV.	DEEP HOLE: TP#1B	ELEV.
GROUND	265.3	GROUND	265.0
LOAM	2.515/3	LOAM	2.515/3
36" Bw	261.3	36" Bw	262.0
SANDY LOAM	2.515/3	SANDY LOAM	2.515/3
36" Bw	261.3	36" Bw	262.0
SAND	2.515/4	SAND	2.515/4
90" C	257.8	90" C	257.5
MOTTLING: 42" 5YR5/6 260.8		MOTTLING: 48" 5YR5/6 261.0	
PERCOLATION TEST: 15 MPH @ 42"		PERCOLATION TEST: 3 MPH @ 48"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

SOIL TESTS PERFORMED BY: PETER BEIMS, ON AUGUST 26, 2015.
 SOIL TESTS WITNESSED BY DENNIS COSTELLO, SBOH.

DEEP HOLE: TP#2A	ELEV.	DEEP HOLE: TP#2B	ELEV.
GROUND	265.2	GROUND	265.4
LOAM	2.515/3	LOAM	2.515/3
36" Bw	262.2	36" Bw	262.4
SANDY LOAM	2.515/3	SANDY LOAM	2.515/3
36" Bw	262.2	36" Bw	262.4
SAND	2.515/4	SAND	2.515/4
90" C	257.7	90" C	257.8
MOTTLING: 38" 5YR5/6 262.2		MOTTLING: 36" 5YR5/6 262.4	
PERCOLATION TEST: 2 MPH @ 48"		PERCOLATION TEST: 2 MPH @ 48"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

SOIL TESTS PERFORMED BY: PETER BEIMS, ON AUGUST 26, 2015.
 SOIL TESTS WITNESSED BY DENNIS COSTELLO, SBOH.

DEEP HOLE: TP#3A	ELEV.	DEEP HOLE: TP#3B	ELEV.
GROUND	265.8	GROUND	265.0
LOAM	2.515/3	LOAM	2.515/3
36" Bw	263.8	36" Bw	263.0
SANDY LOAM	2.515/3	SANDY LOAM	2.515/3
36" Bw	263.8	36" Bw	263.0
SAND	2.515/4	SAND	2.515/4
90" C	258.3	90" C	258.5
MOTTLING: 42" 5YR5/6 262.3		MOTTLING: 42" 5YR5/6 262.5	
PERCOLATION TEST: 8 MPH @ 48"		PERCOLATION TEST: 7 MPH @ 50"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

SOIL TESTS PERFORMED BY: PETER BEIMS, ON AUGUST 26, 2015.
 SOIL TESTS WITNESSED BY DENNIS COSTELLO, SBOH.

DEEP HOLE: TP#4A	ELEV.	DEEP HOLE: TP#4B	ELEV.
GROUND	265.3	GROUND	265.4
LOAM	2.515/3	LOAM	2.515/3
36" Bw	263.3	36" Bw	263.4
SANDY LOAM	2.515/3	SANDY LOAM	2.515/3
36" Bw	263.3	36" Bw	263.4
SAND	2.515/4	SAND	2.515/4
90" C	258.6	90" C	258.9
MOTTLING: 48" 5YR5/6 262.3		MOTTLING: 48" 5YR5/6 262.5	
PERCOLATION TEST: 3 MPH @ 48"		PERCOLATION TEST: 2 MPH @ 50"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

SOIL TESTS PERFORMED BY: PETER BEIMS, ON AUGUST 26, 2015.
 SOIL TESTS WITNESSED BY DENNIS COSTELLO, SBOH.

DEEP HOLE: TP#5A	ELEV.	DEEP HOLE: TP#5B	ELEV.
GROUND	265.8	GROUND	265.7
LOAM	2.515/3	LOAM	2.515/3
36" Bw	262.8	36" Bw	262.7
SANDY LOAM	2.515/3	SANDY LOAM	2.515/3
36" Bw	262.8	36" Bw	262.7
SAND	2.515/4	SAND	2.515/4
90" C	258.3	90" C	258.2
MOTTLING: 42" 5YR5/6 262.3		MOTTLING: 42" 5YR5/6 262.2	
PERCOLATION TEST: 2 MPH @ 48"		PERCOLATION TEST: 3 MPH @ 48"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

SOIL TESTS PERFORMED BY: PETER BEIMS, ON AUGUST 26, 2015.
 SOIL TESTS WITNESSED BY DENNIS COSTELLO, SBOH.

DEEP HOLE: TP#6A	ELEV.	DEEP HOLE: TP#6B	ELEV.
GROUND	265.8	GROUND	265.8
LOAM	2.515/3	LOAM	2.515/3
36" Bw	262.8	36" Bw	262.8
SANDY LOAM	2.515/3	SANDY LOAM	2.515/3
36" Bw	262.8	36" Bw	262.8
SAND	2.515/4	SAND	2.515/4
90" C	258.3	90" C	258.3
MOTTLING: 42" 5YR5/6 262.3		MOTTLING: 42" 5YR5/6 262.3	
PERCOLATION TEST: 2 MPH @ 48"		PERCOLATION TEST: 4 MPH @ 48"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

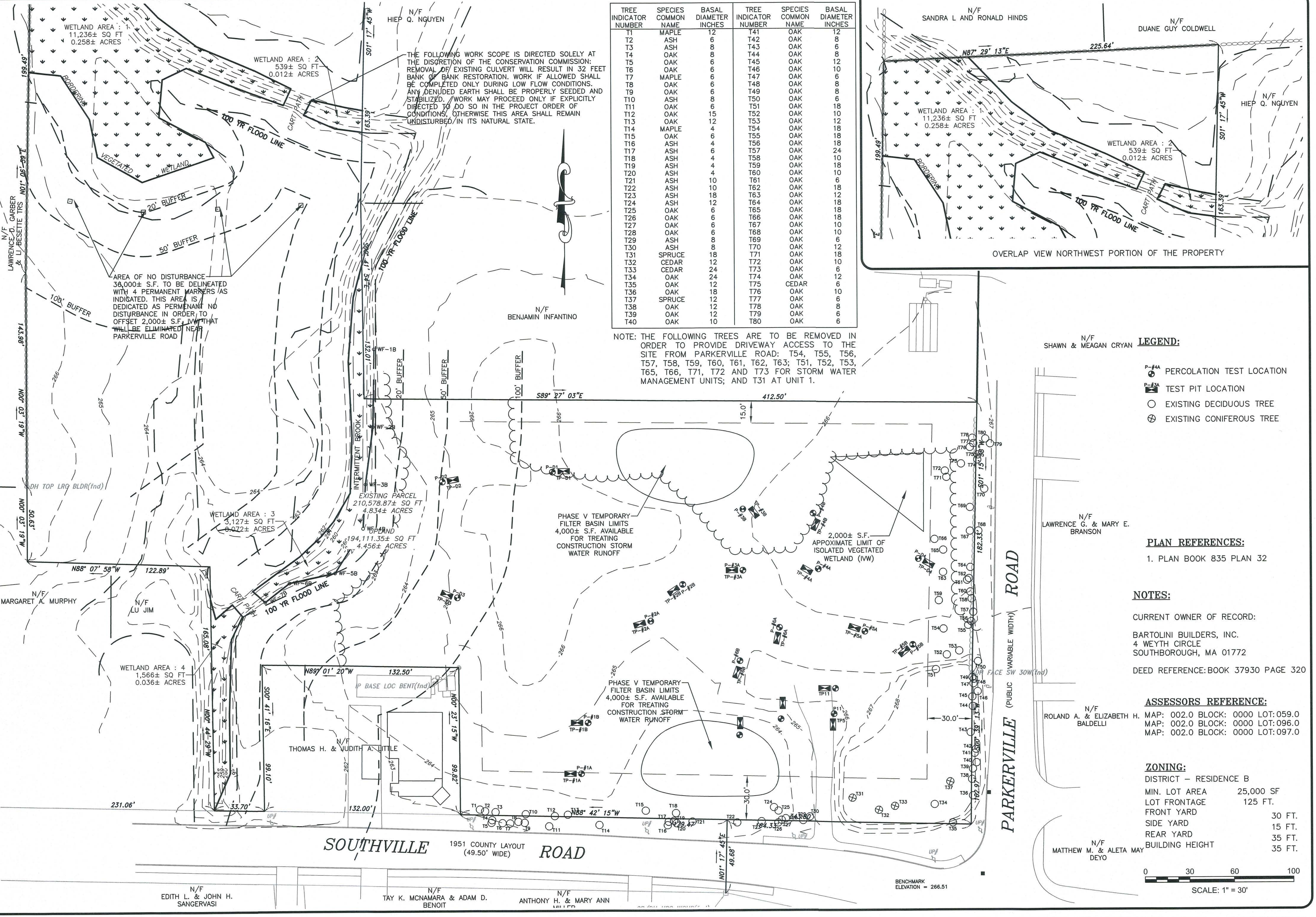
SOIL TESTS PERFORMED BY: PETER BEIMS, ON AUGUST 26, 2015.
 SOIL TESTS WITNESSED BY DENNIS COSTELLO, SBOH.

DEEP HOLE: TP#7A	ELEV.	DEEP HOLE: TP#7B	ELEV.
GROUND	265.1	GROUND	265.6
LOAM	2.515/3	LOAM	2.515/3
36" Bw	262.1	36" Bw	263.1
SANDY LOAM	2.515/3	SANDY LOAM	2.515/3
36" Bw	262.1	36" Bw	263.1
SAND	2.515/4	SAND	2.515/4
90" C	257.6	90" C	258.6
MOTTLING: 36" 5YR5/6 262.1		MOTTLING: 48" 5YR5/6 262.1	
PERCOLATION TEST: 2 MPH @ 48"		PERCOLATION TEST: 2 MPH @ 48"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

SOIL TESTS PERFORMED BY: PETER BEIMS, ON AUGUST 26, 2015.
 SOIL TESTS WITNESSED BY DENNIS COSTELLO, SBOH.

DEEP HOLE: TP#8A	ELEV.	DEEP HOLE: TP#8B	ELEV.
GROUND	265.0	GROUND	266.4
LOAM	2.515/3	LOAM	2.515/3
36" Bw	262.0	36" Bw	263.4
SANDY LOAM	2.515/3	SANDY LOAM	2.515/3
36" Bw	262.0	36" Bw	263.4
SAND	2.515/4	SAND	2.515/4
90" C	257.5	90" C	258.9
MOTTLING: 36" 5YR5/6 262.0		MOTTLING: 48" 5YR5/6 262.4	
PERCOLATION TEST: 2 MPH @ 48"		PERCOLATION TEST: 2 MPH @ 48"	
SOIL CLASS: CLASS I		SOIL CLASS: CLASS I	

NOTES:
 1. THE HIGHEST GROUNDWATER ELEVATION IS LOCATED AT TEST PIT #48 AT ELEVATION 262.5. THE EXISTING SURFACE ELEVATION IS 266.4 AND THE PROPOSED GRADE IS 270.0, THE DIFFERENCE BETWEEN THE PROPOSED GRADE AND GROUNDWATER IS 7.5 FEET. SEE SHEET #2, GRADING AND UTILITIES FOR PROPOSED ELEVATION INFORMATION.



TREE INDICATOR NUMBER	SPECIES COMMON NAME	BASAL DIAMETER INCHES	TREE INDICATOR NUMBER	SPECIES COMMON NAME	BASAL DIAMETER INCHES
T1	MAPLE	12	T41	OAK	12
T2	ASH	6	T42	OAK	8
T3	ASH	6	T43	OAK	8
T4	OAK	8	T44	OAK	8
T5	OAK	6	T45	OAK	12
T6	OAK	6	T46	OAK	10
T7	MAPLE	6	T47	OAK	6
T8	OAK	6	T48	OAK	8
T9	OAK	6	T49	OAK	8
T10	ASH	8	T50	OAK	6
T11	OAK	6	T51	OAK	18
T12	OAK	15	T52	OAK	10
T13	OAK	12	T53	OAK	12
T14	MAPLE	4	T54	OAK	18
T15	OAK	6	T55	OAK	18
T16	ASH	4	T56	OAK	18
T17	ASH	6	T57	OAK	24
T18	ASH	4	T58	OAK	10
T19	ASH	4	T59	OAK	18
T20	ASH	4	T60	OAK	10
T21	ASH	10	T61	OAK	6
T22	ASH	10	T62	OAK	18
T23	ASH	18	T63	OAK	12
T24	ASH	12	T64	OAK	18
T25	OAK	6	T65	OAK	18
T26	OAK	6	T66	OAK	18
T27	OAK	6	T67	OAK	10
T28	OAK	6	T68	OAK	10
T29	ASH	8	T69	OAK	12
T30	ASH	8	T70	OAK	12
T31	SPRUCE	18	T71	OAK	18
T32	CEDAR	12	T72	OAK	10
T33	CEDAR	24	T73	OAK	6
T34	OAK	24	T74	OAK	12
T35	OAK	12	T75	CEDAR	6
T36	OAK	18	T76	OAK	10
T37	SPRUCE	12	T77	OAK	6
T38	OAK	12	T78	OAK	8
T39	OAK	12	T79	OAK	6
T40	OAK	10	T80	OAK	6

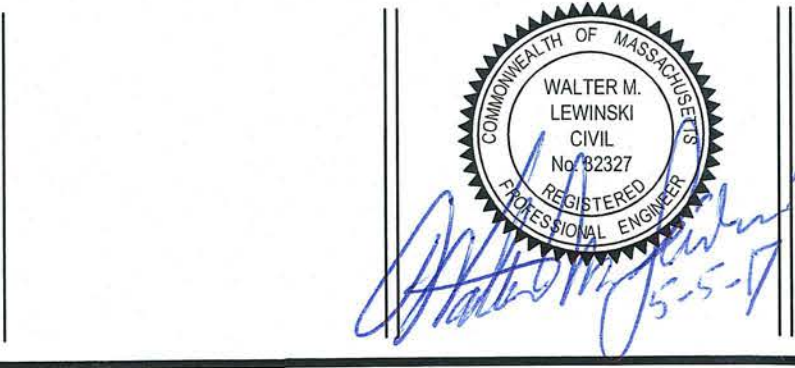
NOTE: THE FOLLOWING TREES ARE TO BE REMOVED IN ORDER TO PROVIDE DRIVEWAY ACCESS TO THE SITE FROM PARKVILLE ROAD: T54, T55, T56, T57, T58, T59, T60, T61, T62, T63, T51, T52, T53, T65, T66, T71, T72 AND T73 FOR STORM WATER MANAGEMENT UNITS; AND T31 AT UNIT 1.

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REV#	DATE	DESCRIPTION
8	5/5/17	PUBLIC MEETING REVIEW COMMENTS
7	4/4/17	PUBLIC MEETING REVIEW COMMENTS
6	3/30/17	PEER REVIEW COMMENTS
5	2/21/17	DRAINAGE REVISIONS & LID
4	2/15/17	DRAINAGE REVISIONS & LID
3	2/6/17	DRAINAGE REVISIONS
2	1/7/17	REDUCED NUMBER OF UNITS TO 11
1	12/20/16	REDUCED NUMBER OF UNITS TO 12
0	12/17/15	ISSUED FOR MULTIFAMILY HOUSING 174-9H



PREPARED BY:
 Engineering Design Consultants, Inc.
 32 Turnpike Road
 Southborough, Massachusetts
 (508) 480-0225

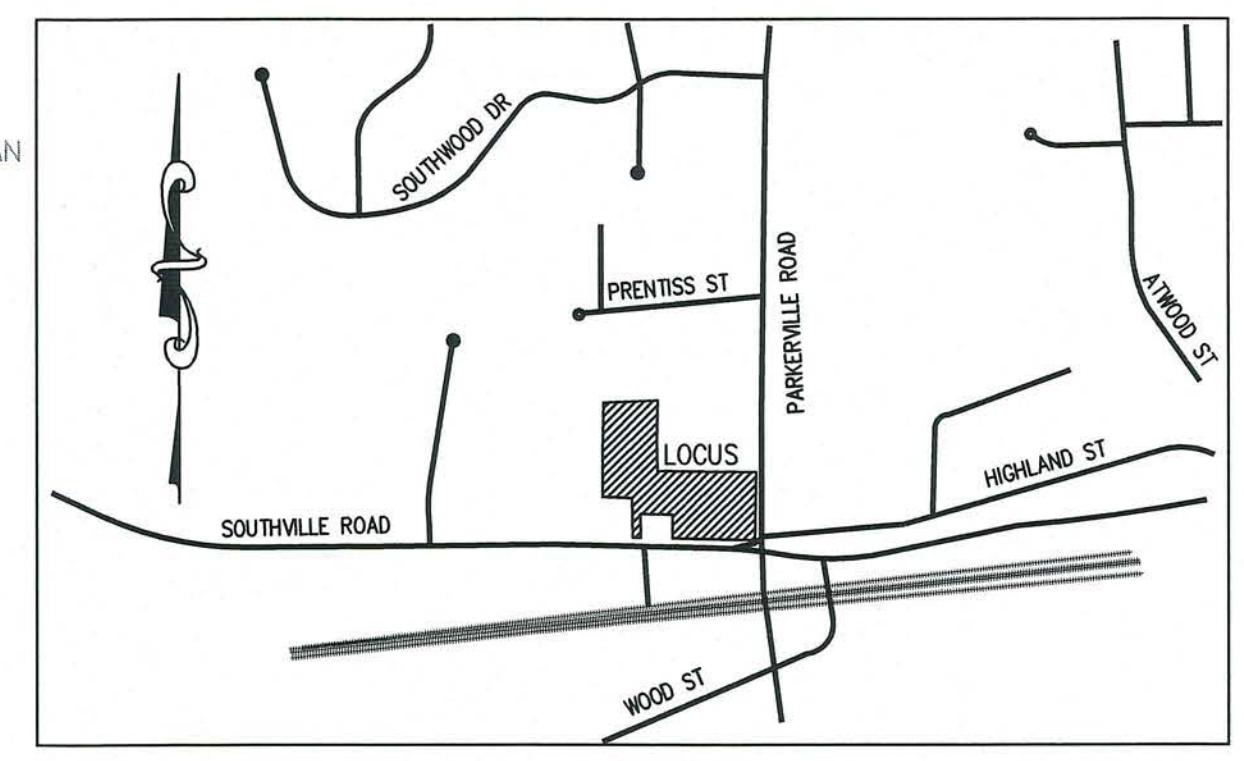
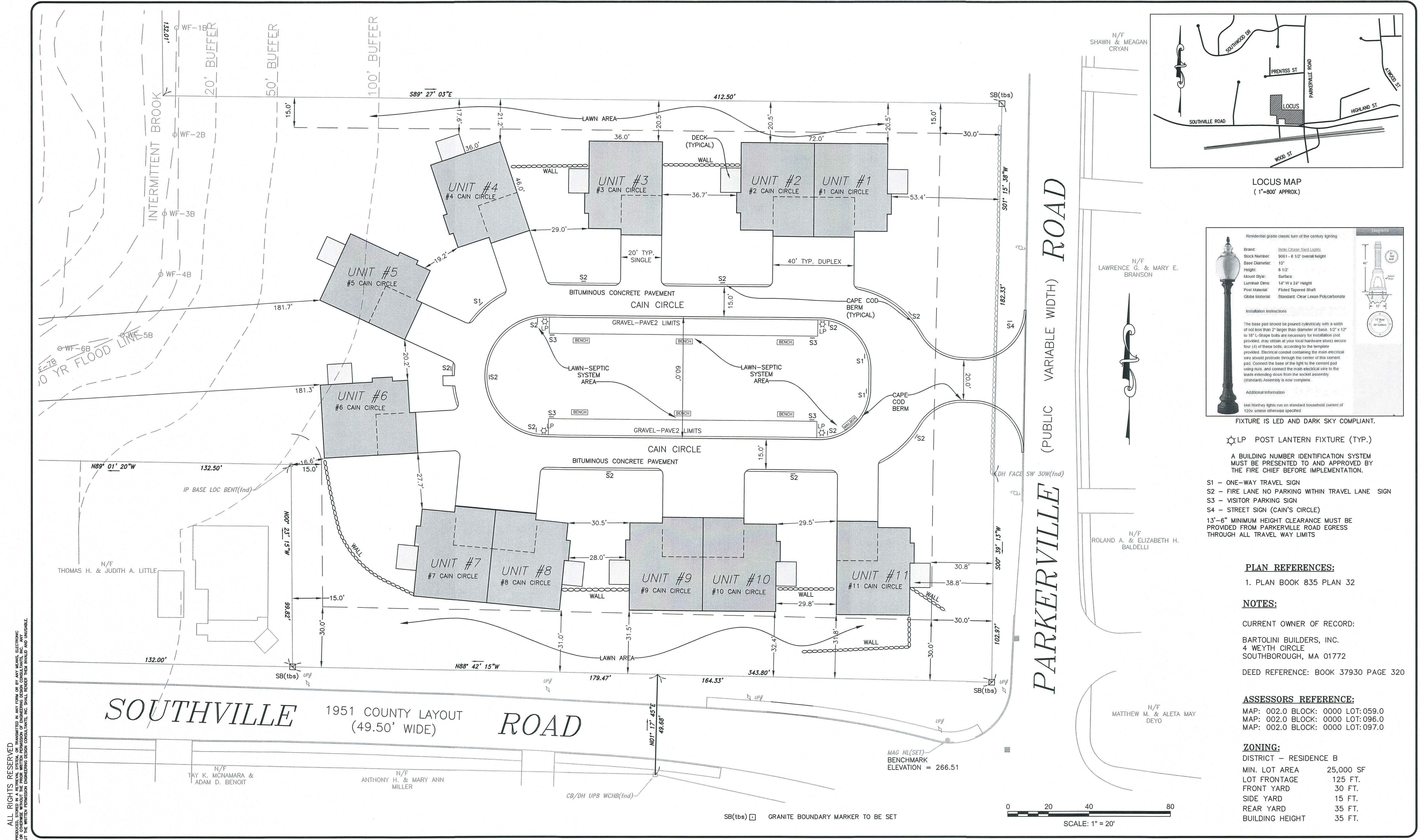
PROJECT: CAIN'S CROSSING AT LINCOLN SQUARE
 AN OVER 55 DEVELOPMENT
 IN SOUTHBOROUGH, MASSACHUSETTS

141 SOUTHVILLE ROAD
 SOUTHBOROUGH, MASSACHUSETTS
 (WORCESTER COUNTY)

TITLE: EXISTING CONDITIONS

OWNER/APPLICANT: BARTOLINI BUILDERS INC.
 4 WEYTH CIRCLE
 SOUTHBOROUGH, MA 01772

FILE NO: 3420 SITEPLAN REVSEP
 EXISTING CONDITIONS
 DATE: DECEMBER 17, 2015
 DEFINITIVE PLAN NO: 2 OF 5



LOCUS MAP
(1"=800' APPROX.)

Residential grade classic turn of the century lighting

Brand: Belle Case Yard Lights
Stock Number: 9051 - 8 1/2" overall height
Base Diameter: 1 1/2"
Height: 8 1/2"
Mount Style: Surface
Luminaire Dims: 14" W x 24" Height
Post Material: Fluted Tapered Shaft
Globe Material: Standard Clear Lexan Polycarbonate

Installation Instructions
The base pad should be poured cylindrical with a width of not less than 2" larger than diameter of base. 1/2" x 1/2" to 10" L-Shape bolts are necessary for installation (not provided, may obtain at your local hardware store) secure four (4) of these bolts, according to the template provided. Electrical conduit containing the main electrical wire should protrude through the center of this cement pad. Connect the base of the light to the cement pad using nuts, and connect the main electrical wire to the leads extending down from the socket assembly (standard) Assembly is now complete.

Additional Information
Metal Northey lights run on standard household current of 120v, unless otherwise specified.

FIXTURE IS LED AND DARK SKY COMPLIANT.

LP POST LANTERN FIXTURE (TYP.)

A BUILDING NUMBER IDENTIFICATION SYSTEM MUST BE PRESENTED TO AND APPROVED BY THE FIRE CHIEF BEFORE IMPLEMENTATION.

S1 - ONE-WAY TRAVEL SIGN
S2 - FIRE LANE NO PARKING WITHIN TRAVEL LANE SIGN
S3 - VISITOR PARKING SIGN
S4 - STREET SIGN (CAIN'S CIRCLE)
13'-6" MINIMUM HEIGHT CLEARANCE MUST BE PROVIDED FROM PARKERVILLE ROAD EGRESS THROUGH ALL TRAVEL WAY LIMITS

PLAN REFERENCES:

1. PLAN BOOK 835 PLAN 32

NOTES:

CURRENT OWNER OF RECORD:
BARTOLINI BUILDERS, INC.
4 WEYTH CIRCLE
SOUTHBOROUGH, MA 01772

DEED REFERENCE: BOOK 37930 PAGE 320

ASSESSORS REFERENCE:

MAP: 002.0 BLOCK: 0000 LOT: 059.0
MAP: 002.0 BLOCK: 0000 LOT: 096.0
MAP: 002.0 BLOCK: 0000 LOT: 097.0

ZONING:

DISTRICT - RESIDENCE B
MIN. LOT AREA 25,000 SF
LOT FRONTAGE 125 FT.
FRONT YARD 30 FT.
SIDE YARD 15 FT.
REAR YARD 35 FT.
BUILDING HEIGHT 35 FT.

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1	12/20/16	REDUCED NUMBER OF UNITS TO 12
0	12/17/15	ISSUED FOR MULTIFAMILY HOUSING 174-9H

PREPARED BY:

Engineering Design Consultants, Inc.
32 Turnpike Road
Southborough, Massachusetts
(508) 480-0225

PROJECT: CAIN'S CROSSING AT LINCOLN SQUARE
AN OVER 55 DEVELOPMENT
IN SOUTHBOROUGH, MASSACHUSETTS

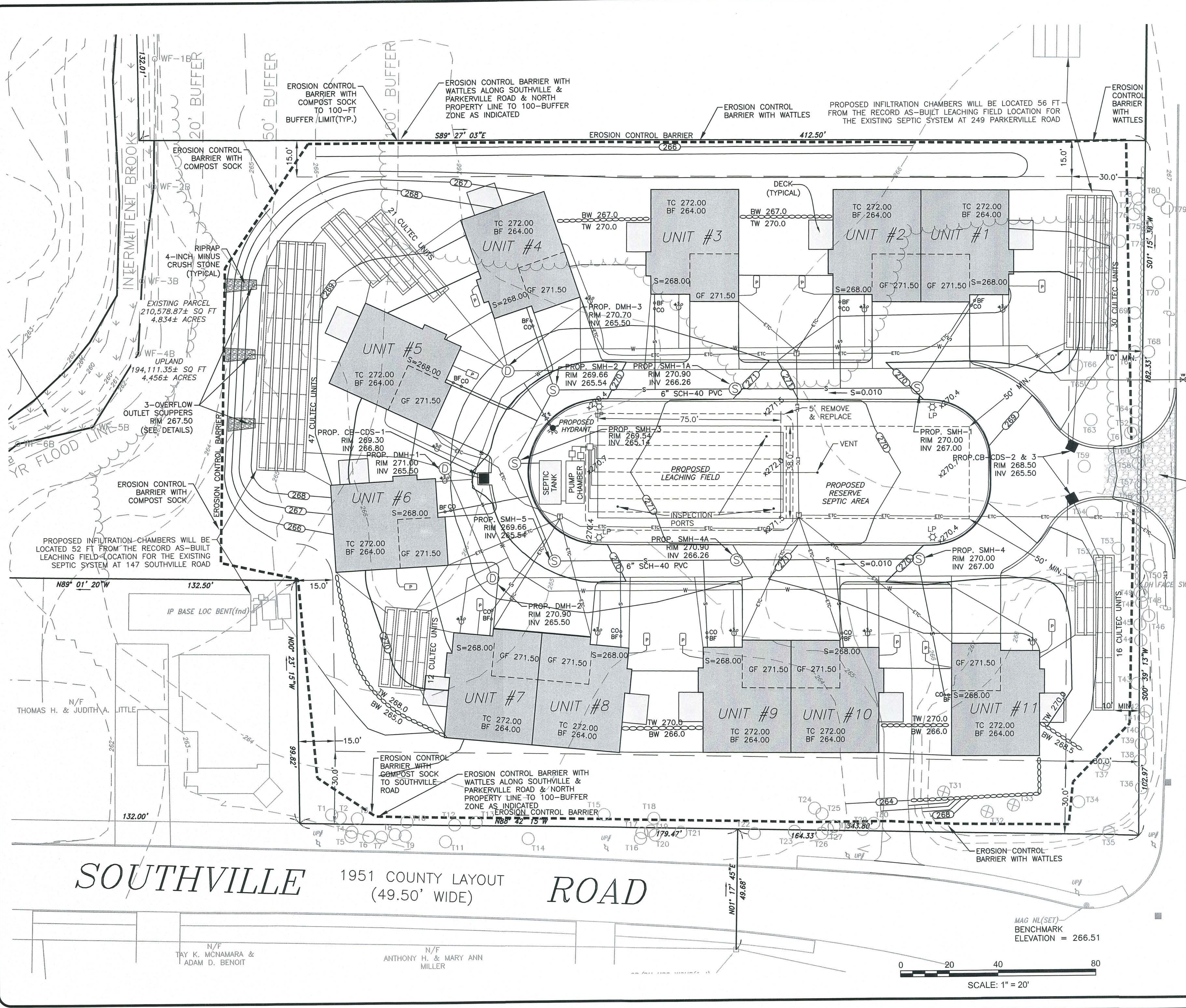
141 SOUTHVILLE ROAD
SOUTHBOROUGH, MASSACHUSETTS
(WORCESTER COUNTY)

TITLE: LAYOUT & MATERIALS

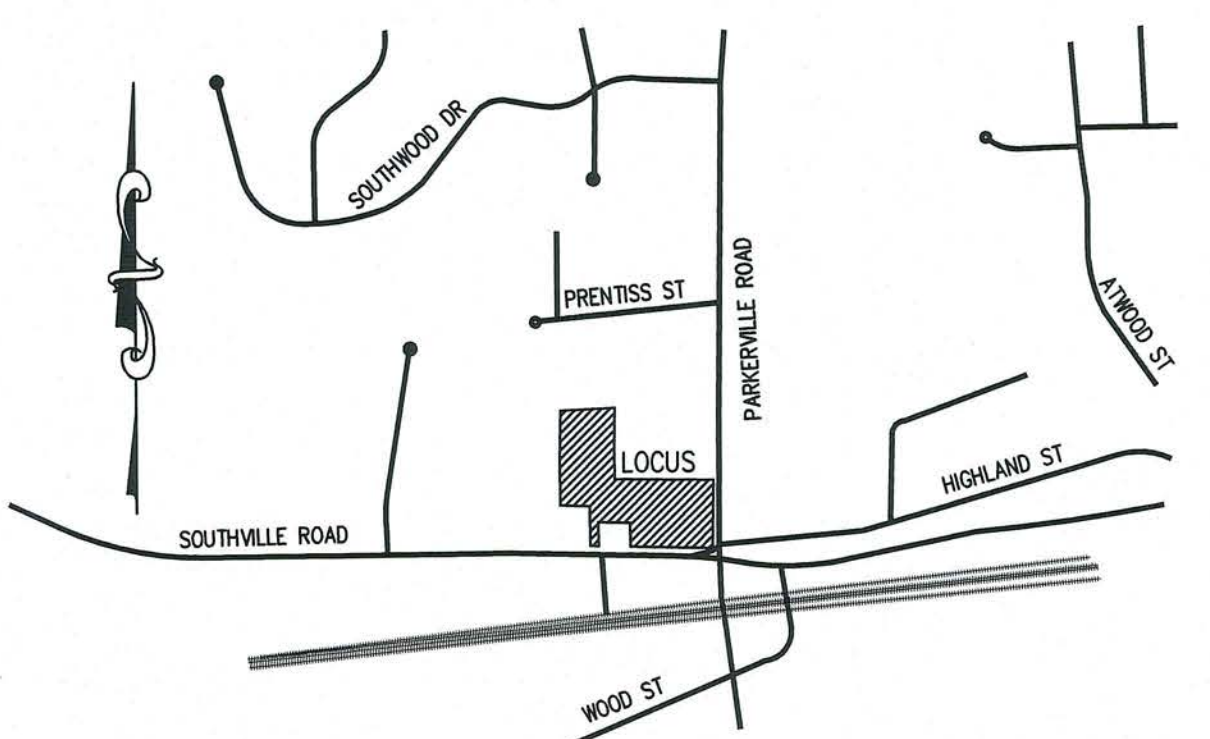
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FILE NO.: 3420 SITEPLAN REVSEP
LAYOUT & MATERIALS
DATE: DECEMBER 17, 2015
DEFINITIVE PLAN NO.: 3 OF 5
3

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PARKERVILLE ROAD (PUBLIC VARIABLE WIDTH) ROAD



LOCUS MAP
(1"=800' APPROX.)

NOTE:
 UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED.
 IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
 DIGSAFE IS TO BE NOTIFIED 72 BUSINESS HOURS IN ADVANCE OF CONSTRUCTION. CALL DIGSAFE AT 811

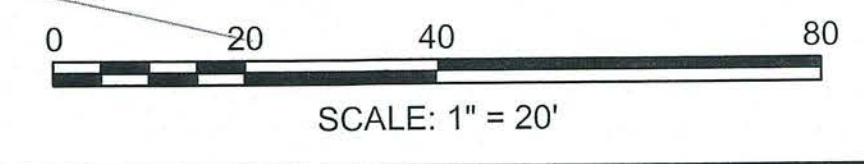


- ⊕ PROPANE TANK
- ⊕ WATER SHUTOFF
- ⊕ WATER GATE VALVE
- E/C- ELECTRIC-TELE-CABLE
- CO CLEANOUT
- BF BACKFLOW PREVENTER

CONSTRUCTION NOTES

1. ALL INFILTRATION SHALL BE CULTEC RECHARGER C150XLHD CHAMBERS SET AT THE SAME ELEVATION AS SHOWN ON THE DETAILS. THEY SHALL BE INTERCONNECTED WITH THE CULTEC HVLV FC-24 FEED CONNECTOR AND 8-INCH DIAMETER ADS N-12 PIPE.
2. SEWER PIPE SHALL BE 6" SCH-40 PVC, PRIME AND THOROUGHLY GLUE ALL PIPE FITTINGS.
3. MINIMUM SLOPE OF SEWER CONNECTIONS FROM UNITS S=0.010.
4. UNITS SHALL HAVE SEWER BACKFLOW PREVENTERS.
5. WATER MAIN LINE SHALL BE 8" CLDI CLASS 52, REDUCE TO 6" CLDI CLASS 52 FOR CONNECTION TO HYDRANT. HYDRANT AS SPECIFIED BY TOWN OF SOUTHBOROUGH.
6. WATER SERVICES SHALL BE 1/2 TYPE K COPPER.
7. SEE CONSTRUCTION NOTES AND DETAILS ON SHEET 4
8. CDS-1, CDS-2, & CDS-3 SHALL BE VORTSENTRY HS36 UNITS.
9. ANYWHERE CDS UNITS ARE REFERRED IN THE PLANS, THEY ARE ACTUALLY VORTSENTRY UNITS
10. ROOF DRAIN CONNECTIONS AT EACH DWELLING SHALL BE SET AT ELEVATION 268.0 AND CONNECT TO THE MAIN DRAIN LINE CONNECTING THE INFILTRATION CHAMBERS.
11. THE HIGHEST GROUNDWATER ELEVATION IS LOCATED AT TEST PIT #48 AT ELEVATION 262.5, THE EXISTING SURFACE ELEVATION IS 268.4 AND THE PROPOSED GRADE IS 270.0, THE DIFFERENCE BETWEEN THE PROPOSED GRADE AND GROUNDWATER IS 7.5 FEET. SEE SHEET #2, EXISTING CONDITIONS FOR TEST PIT INFORMATION.
12. SEWER PIPE CROSSING WATER LINE OR DRAIN LINE SHALL BE ENCASED IN CONCRETE WITH A MINIMUM OF 6-INCHES OF CONCRETE ALL AROUND AND 5- FEET TO EITHER SIDE OF THE UTILITY CROSSING.
13. NET CUT/FILL FOR PROJECT IS 9,370 CY IMPORT.

SOUTHVILLE 1951 COUNTY LAYOUT (49.50' WIDE) ROAD



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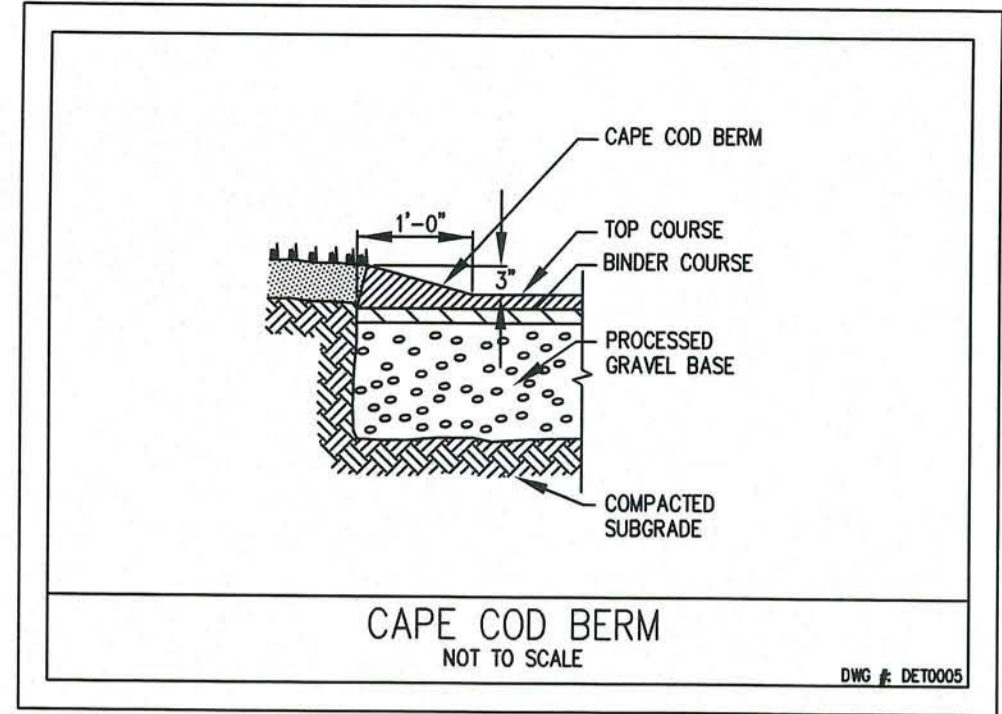


PREPARED BY:
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 32 Turnpike Road
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PROJECT: **CAIN'S CROSSING AT LINCOLN SQUARE
 AN OVER 55 DEVELOPMENT
 IN SOUTHBOROUGH, MASSACHUSETTS**
 141 SOUTHVILLE ROAD
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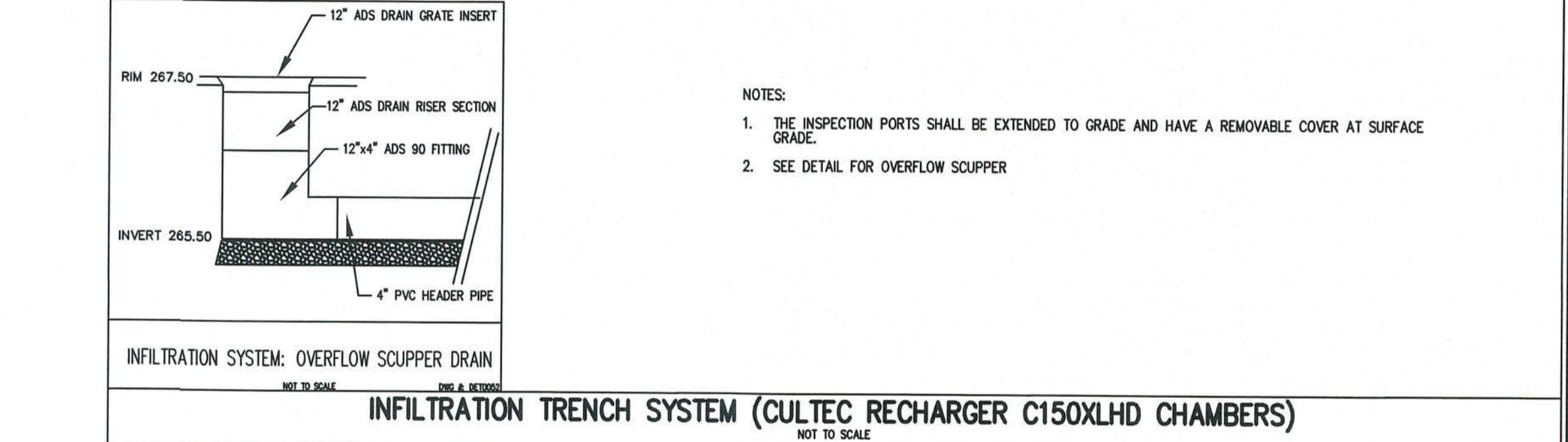
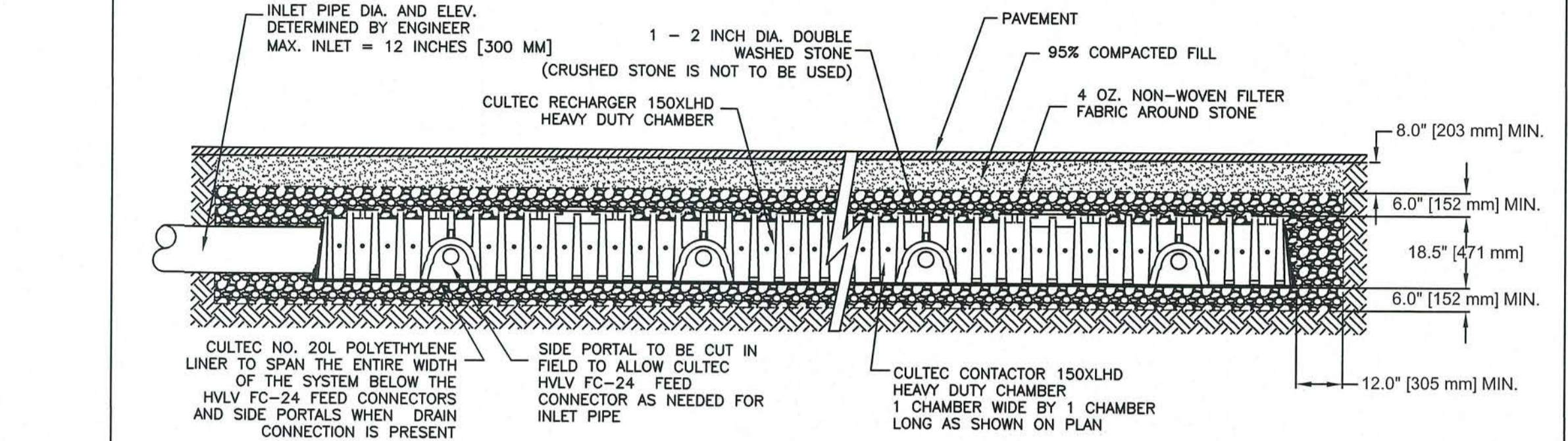
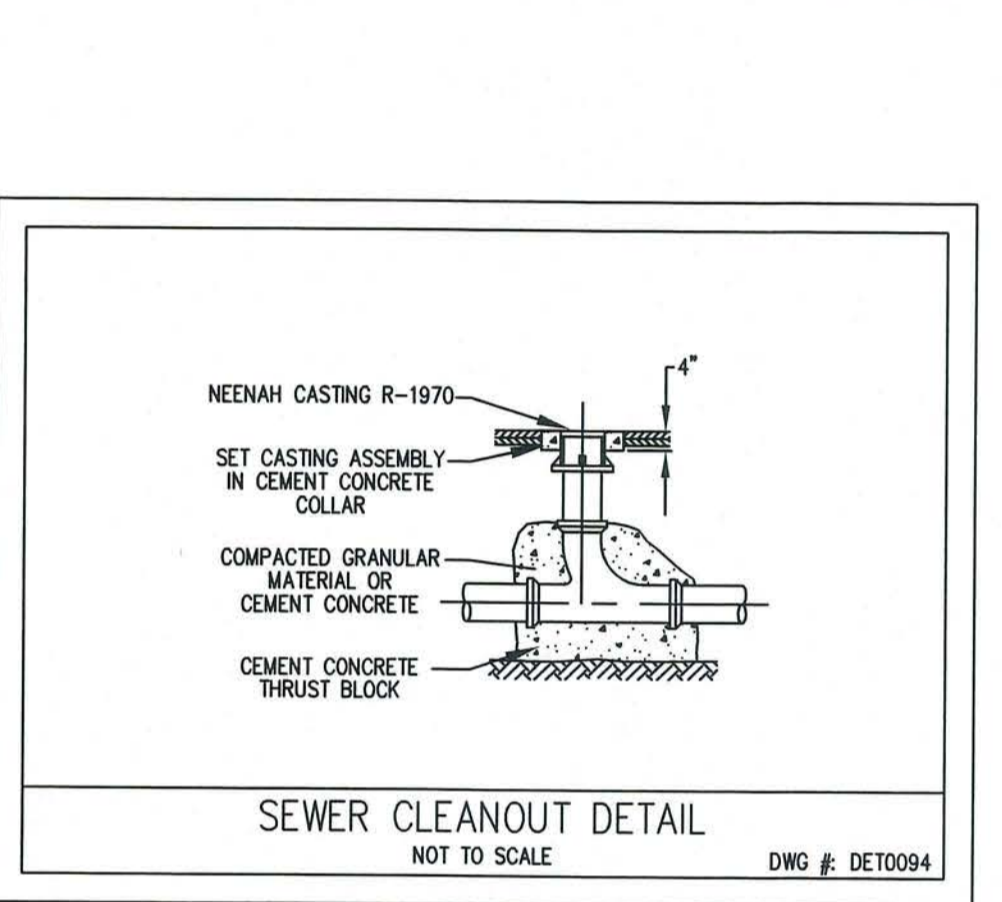
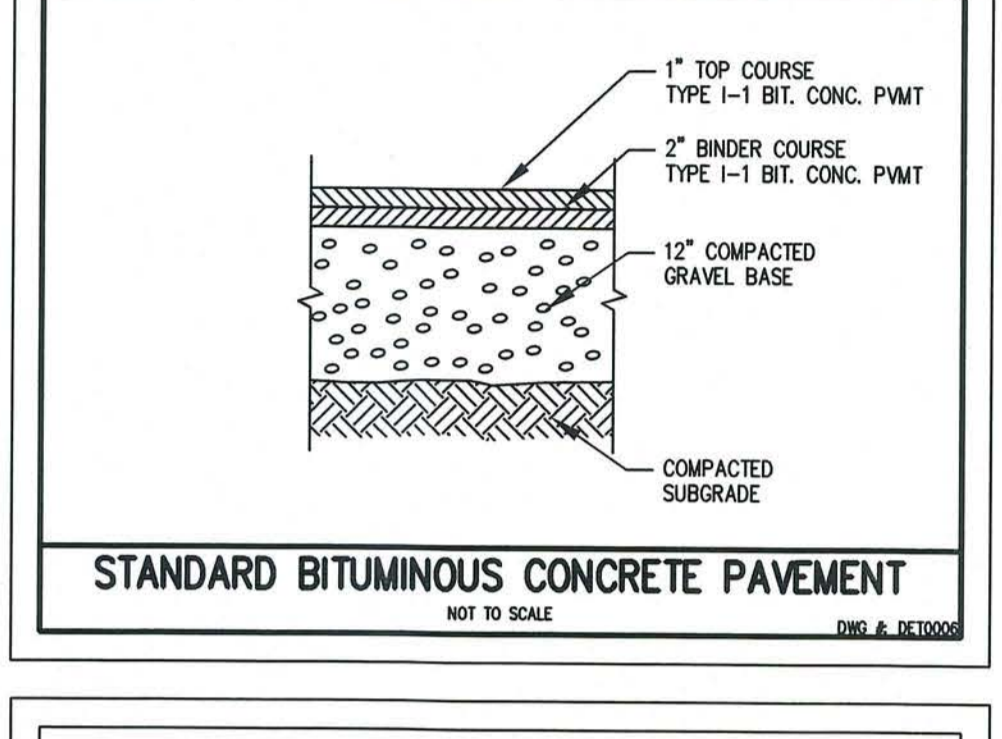
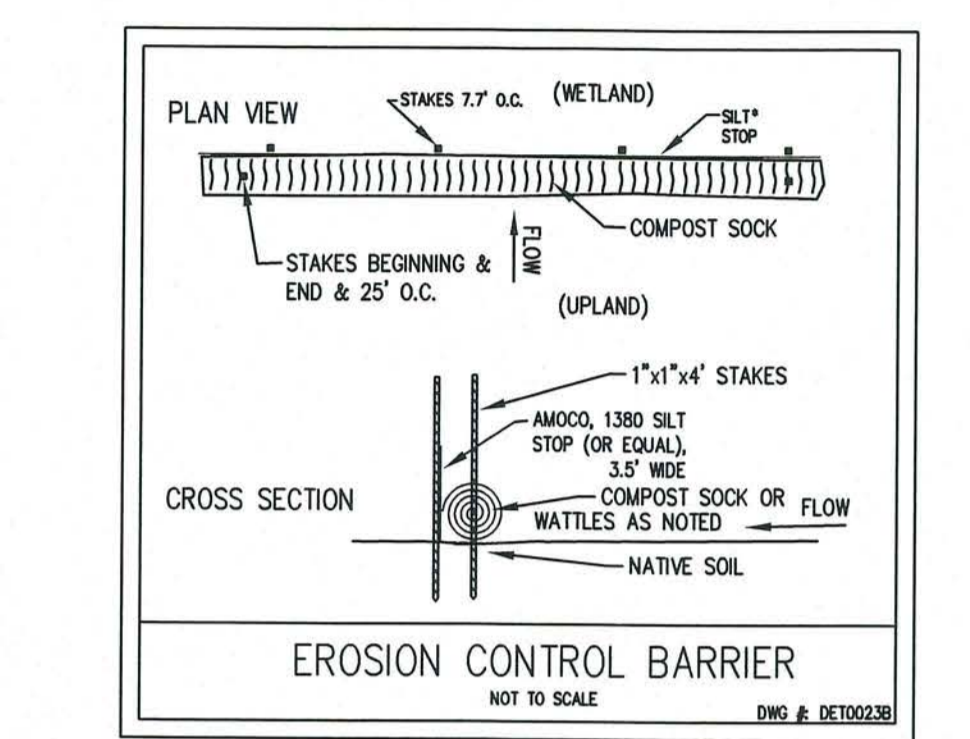
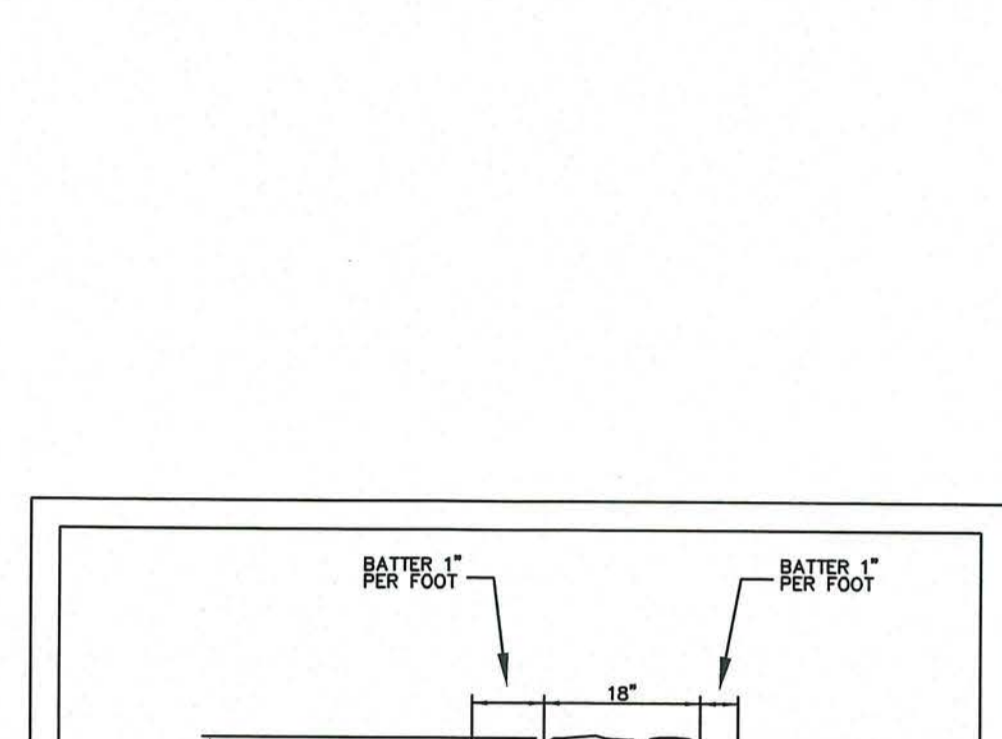
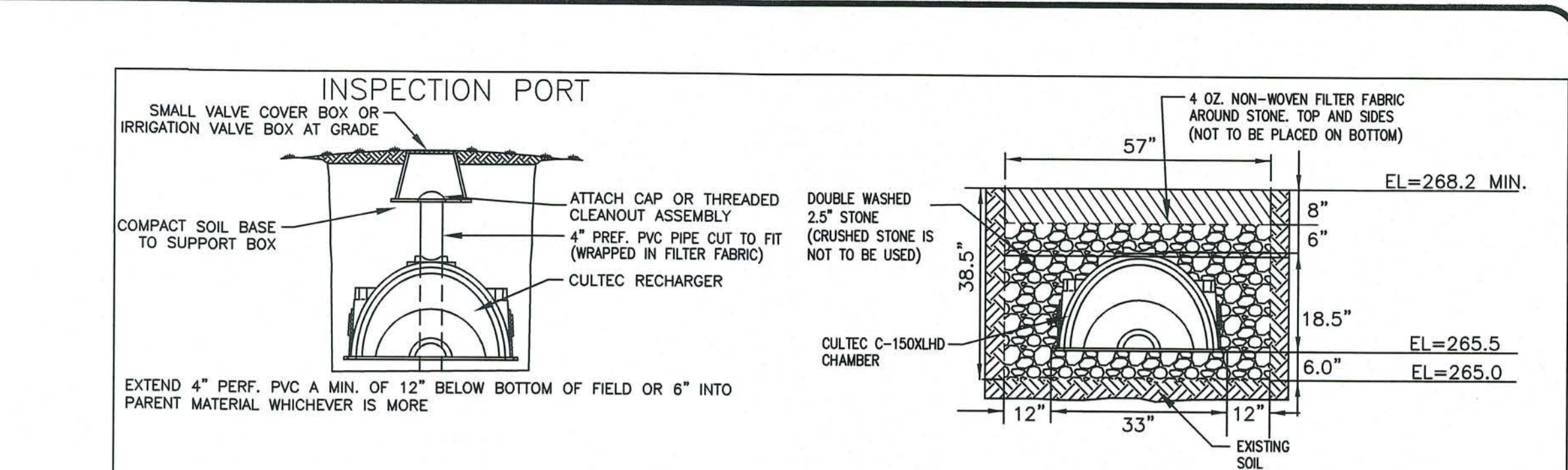
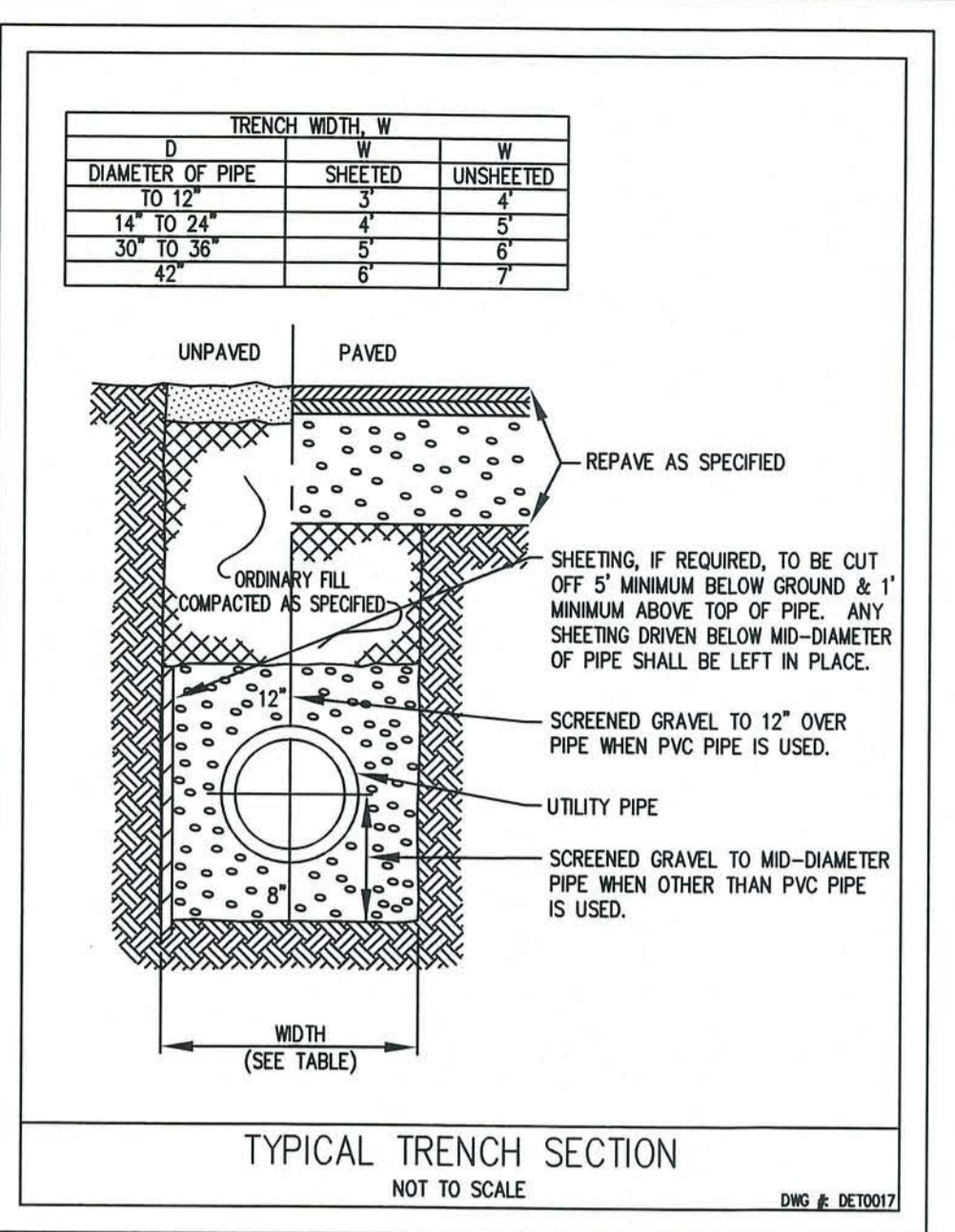
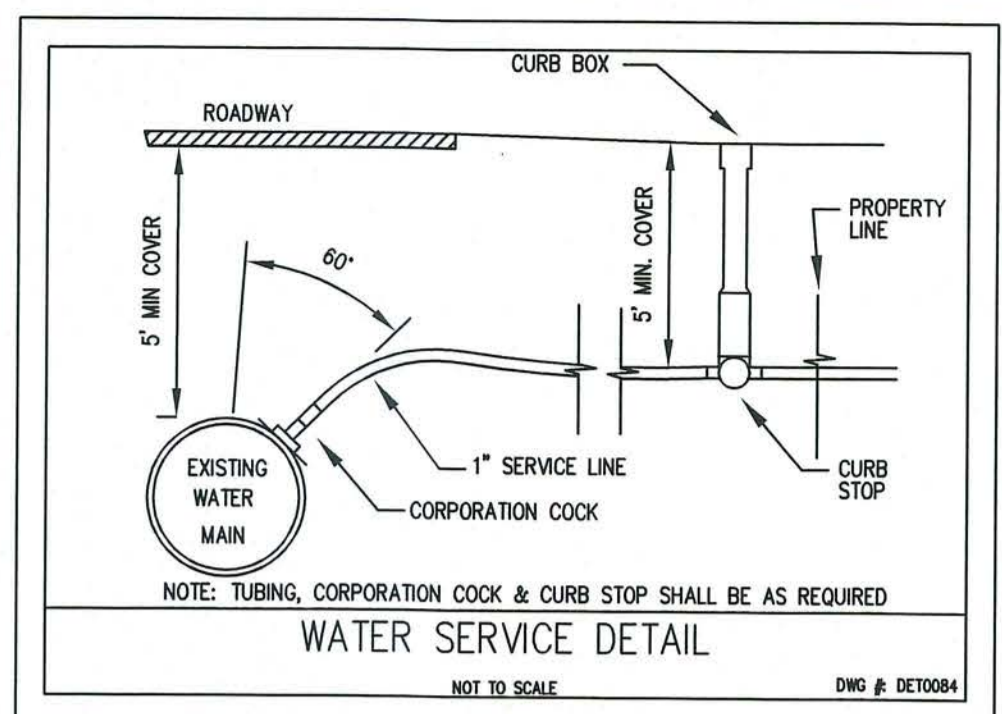
TITLE: **GRADING & UTILITIES**
 OWNER/APPLICANT: **BARTOLINI BUILDERS INC.**
 4 WEYTH CIRCLE
 SOUTHBOROUGH, MA 01772

FILE NO: 3420 SITEPLAN REVISEP
 GRADING & UTILITIES
 DATE: DECEMBER 17, 2015
 SHEET NO: 4 of 5
4



1. THE SITE CONTRACTOR SHALL POST "DEP" SIGN AND REVIEW THE CONDITIONS DESCRIBED IN THE "ORDER OF CONDITIONS" ISSUED FOR THIS PROJECT.
 2. EROSION CONTROL MEASURES (SEE DETAILS) SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AS INDICATED.
 3. MEASURES SHALL BE TAKEN TO LIMIT THE TRACKING OF MATERIAL FROM THE SITE ON SOUTHVILLE ROAD OR PARKVILLE ROAD.
 4. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED MEASURES AS NECESSARY.
 5. CATCH BASIN AND FLARED END STRUCTURES SHALL BE RINGED WITH STAKED COMPOST SOCK UNTIL THE ADJACENT SLOPES HAVE FULLY VEGETATED.
 6. THROUGHOUT CONSTRUCTION, ALL DISTURBED AREAS SHALL BE LOADED AND SEEDED AND MULCHED AS SOON AS PRACTICABLE IN ORDER TO AVOID OVERLAND TRANSPORT OF SEDIMENT.
 7. EROSION CONTROL MEASURES ARE TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND PARTICULARLY AFTER SIGNIFICANT RAINFALL.
 8. WITH SLOPES STABILIZED AND FINAL CONSERVATION INSPECTION COMPLETE, THE EROSION CONTROL BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OFF-SITE.

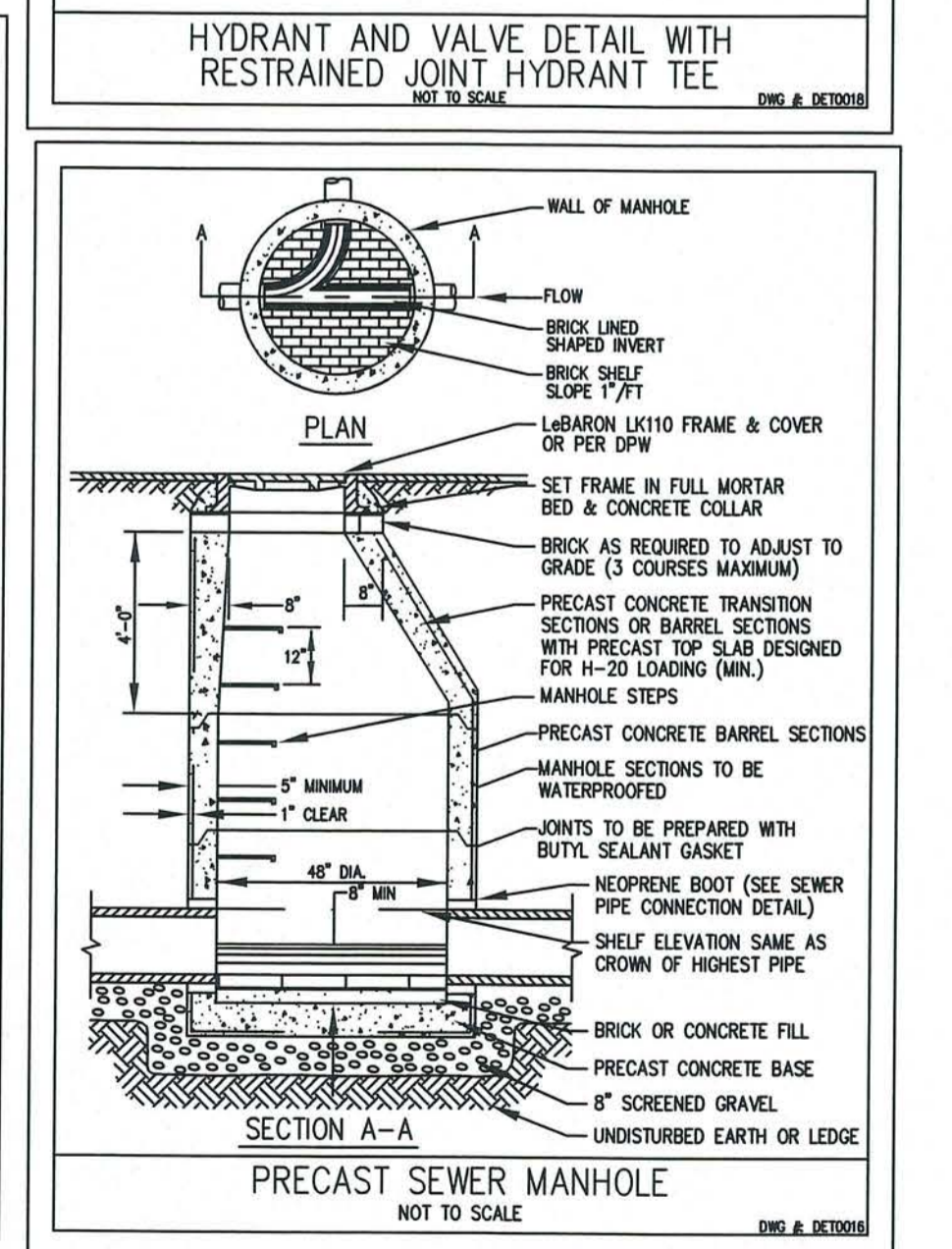
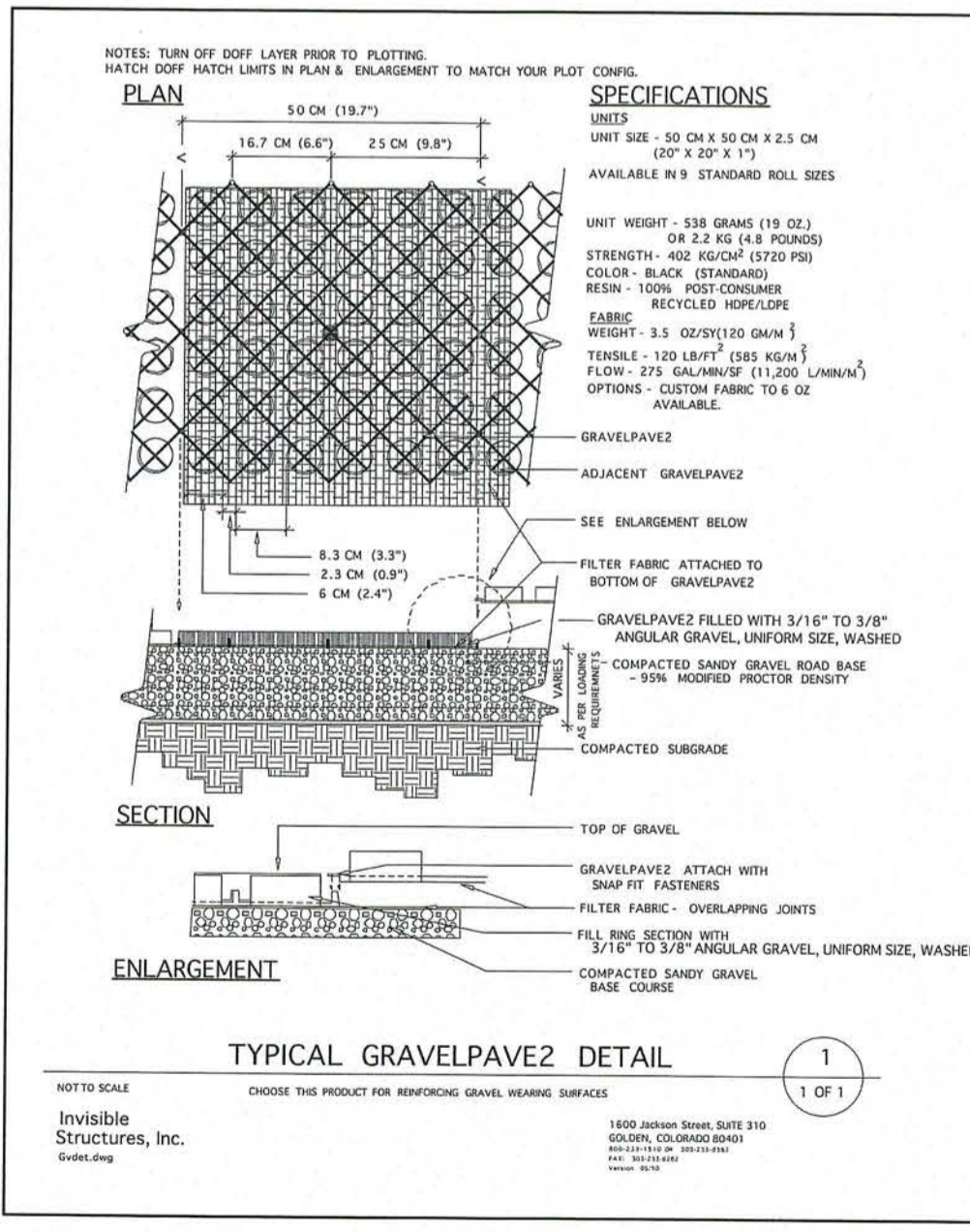
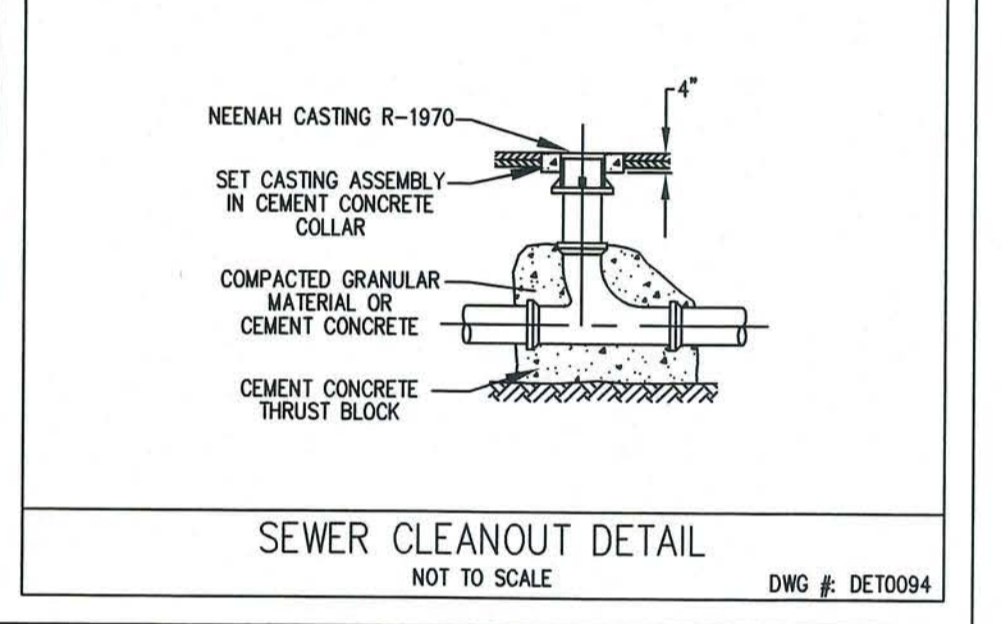
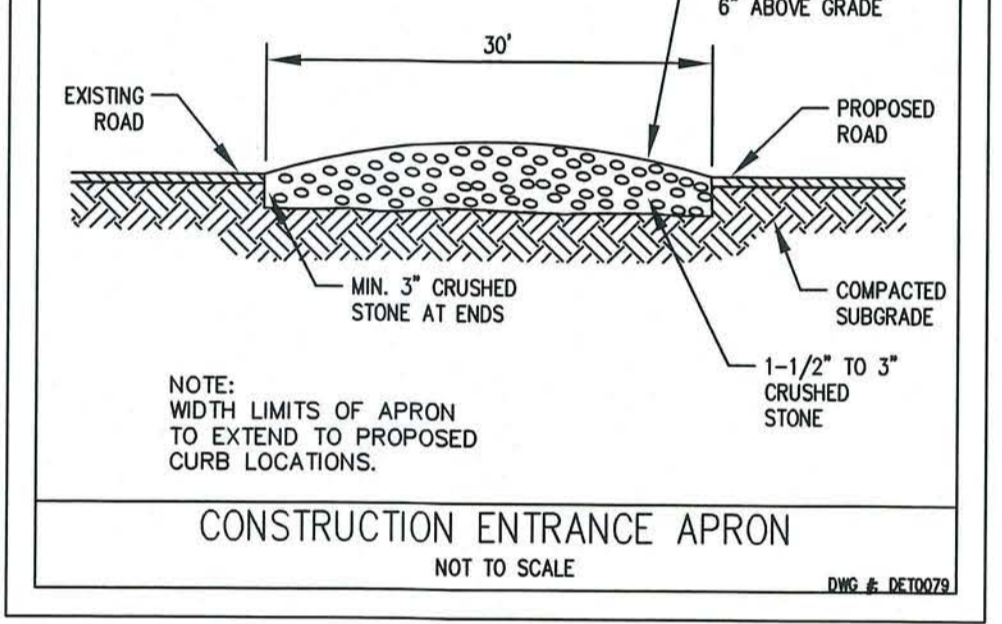
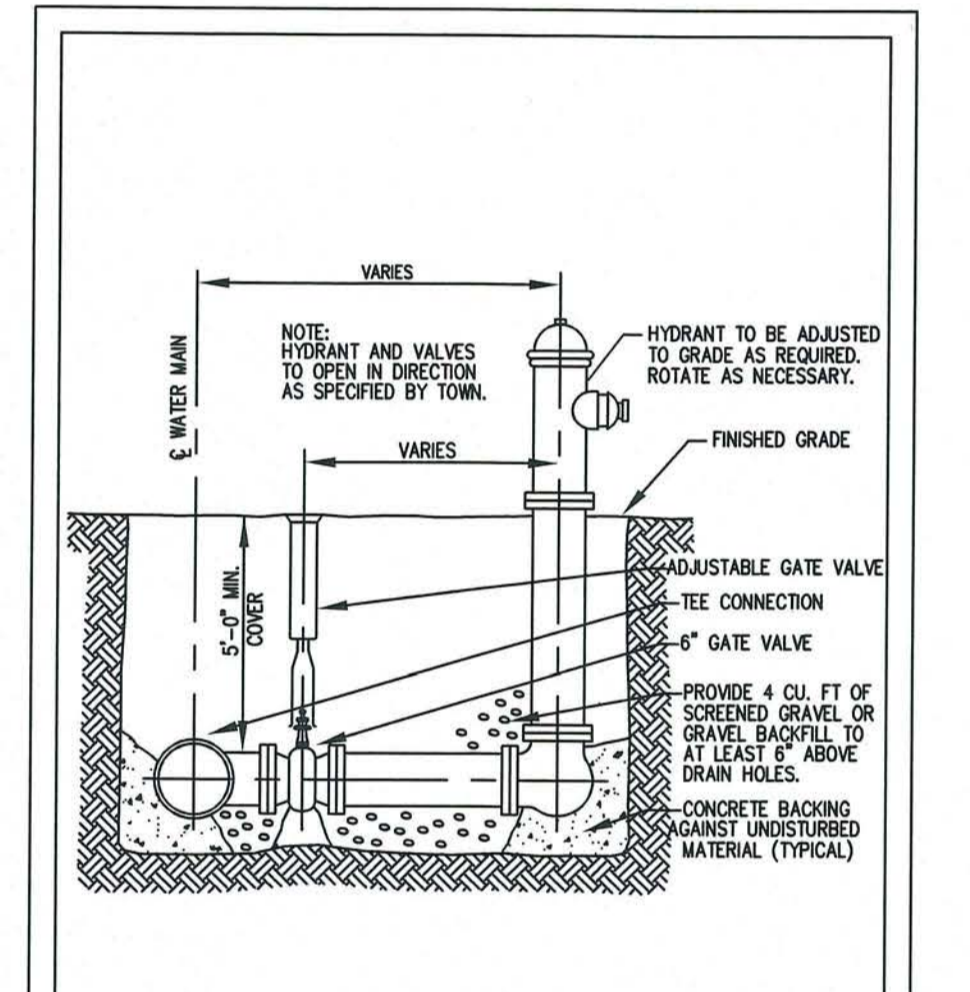
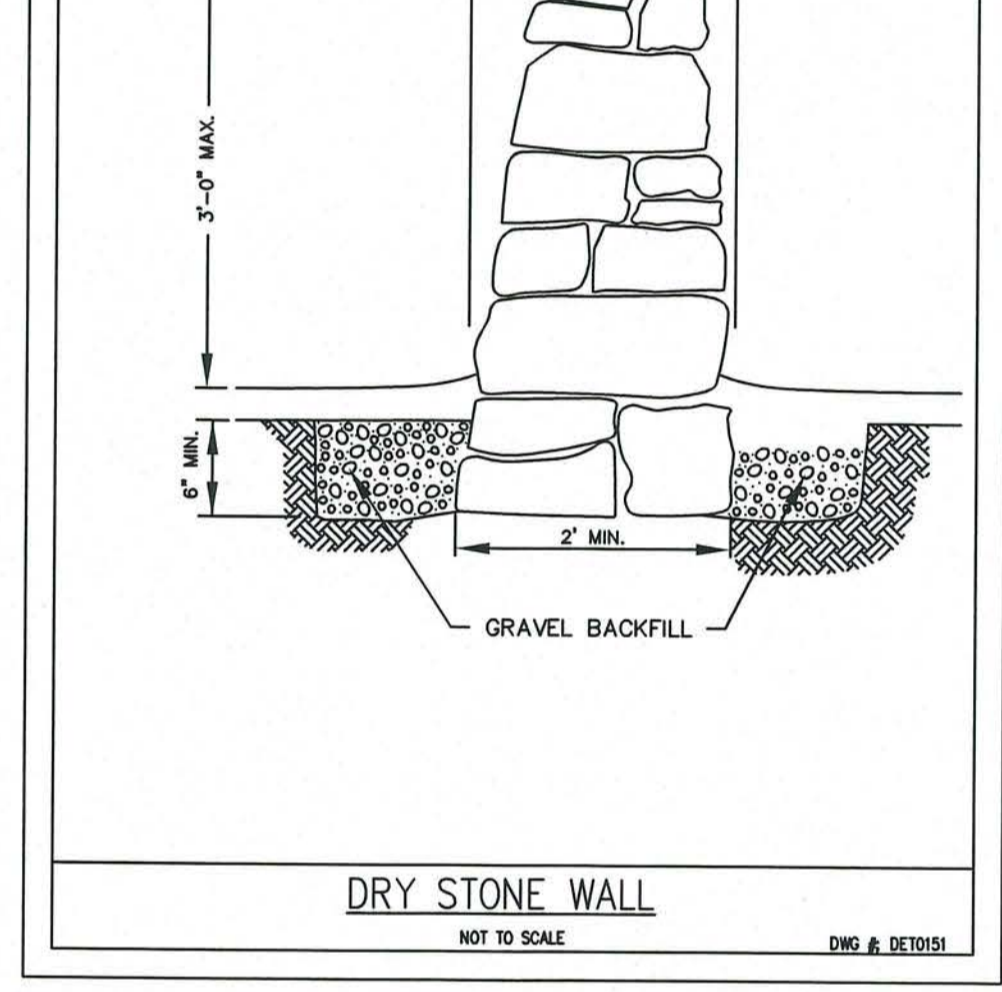
SEDIMENTATION & EROSION CONTROL METHODS & PROCEDURES
NOT TO SCALE
DWG # DET005



CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL REPORT TO THE OWNER AND ENGINEER ANY SIGNIFICANT VARIATIONS IN EXISTING SITE CONDITIONS FROM THOSE SHOWN ON THESE PLANS. ANY PROPOSED REVISIONS TO THE WORK, IF ANY WORK ON SOUTHVILLE ROAD AND/OR PARKVILLE ROAD, THE TOWN OF SOUTHBOROUGH DEPARTMENT IS TO BE NOTIFIED PRIOR TO THE START OF ANY WORK ON THEIR SERVICES.
2. THE CONTRACTOR SHALL NOTIFY THE RELEVANT TOWN DEPARTMENTS AT LEAST 48 HOURS IN ADVANCE OF ANY REQUIRED INSPECTIONS.
3. IN ORDER TO PROTECT THE PUBLIC SAFETY DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING AT ALL TIMES NECESSARY SAFETY DEVICES AND PERSONNEL, WARNING LIGHTS, BARRICADES, AND POLICE DETAILS.
4. THE CONTRACTOR SHALL REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEAN UP AND REMOVE LOOSE CONSTRUCTION.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTITUTE EROSION CONTROL MEASURES ON AN AS NECESSARY BASIS, SUCH THAT EXCESSIVE SOIL EROSION DOES NOT OCCUR. MEASURES SHALL INCLUDE HAY BALE DIKES ALONG THE PERIMETER OF CUTS AND FILLS, MULCHING, AND PLANTING OF DISTURBED AREAS AS SOON AS PRACTICABLE.
6. AT THE END OF CONSTRUCTION THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND SURPLUS MATERIALS FROM THE SITE. A THOROUGH INSPECTION OF THE WORK PERIMETER IS TO BE MADE AND ALL DISCARDED MATERIALS, BLOWN OR WATER CARRIED DEBRIS, SHALL BE COLLECTED AND REMOVED.
7. THE LOCATION OF UNDERGROUND UTILITIES AS REPRESENTED ON THESE PLANS IS BASED UPON PLANS AND INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES OR MUNICIPAL DEPARTMENTS SUPPLEMENTED BY FIELD IDENTIFICATION WHEREVER POSSIBLE. NO WARRANTY IS MADE AS TO THE ACCURACY OF THESE LOCATIONS OR THAT ALL UNDERGROUND UTILITIES ARE SHOWN. THE CONTRACTOR IS TO CONTACT DIG SAFE AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION. DIG SAFE TELEPHONE NUMBER IS 811.
8. THE CONTRACTOR IS TO VERIFY THE LOCATION, SIZE, AND DEPTH OF EXISTING UTILITIES PRIOR TO TAPPING INTO, CROSSING OR EXTENDING THEM. IF THE PROPOSED WORK POSSES A CONFLICT WITH THE EXISTING UTILITIES, THE ENGINEER IS TO BE NOTIFIED PRIOR TO THE CONTRACTOR CONTINUING.
9. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS, DOOR LOCATIONS, AND ENTRY DETAILS.
10. THE TOWN OF SOUTHBOROUGH DEPARTMENT OF PUBLIC WORKS ARE TO BE NOTIFIED PRIOR TO THE START OF ANY WORK ON SOUTHVILLE ROAD AND/OR PARKVILLE ROAD. THE TOWN OF SOUTHBOROUGH DEPARTMENT IS TO BE NOTIFIED PRIOR TO THE START OF ANY WORK ON THEIR SERVICES.
11. NO LEDGE, BOULDERS, OR OTHER UNYIELDING MATERIALS ARE TO BE LEFT WITHIN 6" OF THE WATER TRENCH, NOR ARE THEY TO BE USED FOR BACKFILL FOR THE FIRST 12" ABOVE THE SERVICES.
12. EROSION CONTROL GRASS MIXTURE (SIDE SLOPE GREATER THAN 4 HORIZONTAL TO 1 VERTICAL) FOLLOWING COMPLETION OF GRADING, THE FOLLOWING SEED MIX SHALL BE APPLIED:
13. TYPE OF SEED % BY WEIGHT

CREeping RED FESCUE	30
TALL FESCUE	30
WHITE DUTCH CLOVER	30
RED TOP	10
14. ALL DISTURBED AREAS ARE TO BE LOADED AND SEED WITH A MINIMUM OF 6" OF TOP SOIL SPREAD EVENLY THROUGHOUT. PROVIDE EROSION CONTROL MEASURES AS NECESSARY TO PROVIDE SLOPE STABILITY UNTIL VEGETATION IS ESTABLISHED.
15. ALL STUMPS, TOP SOIL, SUB SOIL AND OTHER DELETERIOUS MATERIALS ARE TO BE REMOVED FROM THE PROPOSED BUILDING AND PAVING AREAS.
16. ALL DRAINAGE, CULVERTS, SEPTIC SYSTEM COMPONENTS, UNDERGROUND UTILITIES AND CHAMBERS SHALL BE DESIGNED TO ASHSTO H-20 AND HS-20 WEIGHT LOADING STANDARDS.



This CAD file is for the purpose of specifying stormwater treatment equipment to be furnished by CONTECH Stormwater Solutions and may only be transferred to other documents as provided by CONTECH Stormwater Solutions. The block information, including the CONTECH Stormwater Solutions logo and the VortSentry HS Stormwater Treatment System designation and part number, may be deleted if necessary. References to any part of this CAD file without prior coordination with CONTECH Stormwater Solutions shall be considered unauthorized use of proprietary information.

VortSentry HS Stormwater Treatment System

VortSentry (Access)	Manhole Diameter (ID)	Total Treatment Flow Rate		Typical Total Distance Rim to Outside Bottom		Typical Distance Rim to Invert		Typical Depth Below Invert		Approximate Minimum Distance Rim to Invert (See Note 7)	Maximum Pipe Diameter (ID)			
		cfs	l/s	ft	m	ft	m	ft	m					
HS36	3	900	0.55	15.6	10.16	3.10	4.08	1.24	5.5833	1702	3.00	0.91	18	450
HS60	4	1200	1.20	34.0	13.25	4.04	6.00	1.83	6.75	2057	4.00	1.22	24	600
HS90	5	1500	2.20	62.3	16.38	4.99	6.50	1.98	9.21	2807	4.82	1.47	30	750
HS120	6	1800	3.70	104.8	16.56	5.05	6.75	2.06	9.15	2788	5.59	1.70	36	900
HS144	7	2100	5.60	158.6	18.85	5.75	7.75	2.36	10.35	3158	4.77	1.45	42	1050
HS180	8	2400	8.10	229.4	20.87	6.38	8.50	2.59	11.54	3518	6.91	2.11	48	1200

FOR INFORMATIONAL PURPOSES ONLY - NOT INTENDED FOR CONSTRUCTION

NOTES:
 1. STORMWATER TREATMENT SYSTEM (SVTS) SHALL REMOVE 80% OF A SEDIMENT GRADATION WITH AN AVERAGE PARTICLE SIZE OF 240 MICRONS AT THE DESIGNATED TREATMENT FLOW RATE LISTED IN THE TABLE FOR EACH CORRESPONDING MODEL.
 2. SVTS REMOVAL EFFICIENCY CLAIM SHALL BE CORROBORATED BY FULL SCALE LABORATORY TEST PERFORMANCE DATA.
 3. SVTS MAINTENANCE RECOMMENDATION SHALL BE SUPPORTED BY FULL SCALE WASH-OUT TESTING.
 4. SVTS SHALL PROVIDE INTERNAL BYPASS OF FLOWS THAT EXCEED THE TREATMENT FLOW RATE.
 5. SVTS MAXIMUM HYDRAULIC CAPACITY MAY VARY DEPENDING UPON THE DEPTH OF FLOW OVER THE GRADE.
 6. IF THE SVTS INCORPORATES THE OPTIONAL INLET PIPE, INVERTS IN AND OUT SHALL BE AT THE SAME ELEVATION AND 180' FROM EACH OTHER.
 7. MINIMUM RIM TO INVERT DISTANCE MAY BE REDUCED DEPENDING UPON ACTUAL PIPE DIAMETER. CONTACT CONTECH STORMWATER SOLUTIONS FOR SITE SPECIFIC INFORMATION.
 8. PIPE SIZE MAY BE SMALLER THAN THE MAXIMUM PIPE SHOWN ON THE TABLE; SEE SITE PLAN FOR PIPE SIZE.
 9. PURCHASER SHALL NOT BE RESPONSIBLE FOR ASSEMBLY OF INTERNAL COMPONENTS.
 10. ACCESS FRAME AND GRATED COVER SUPPLIED WITH SYSTEM, NOT INSTALLED. SVTS MAY ALSO HAVE A SOLID COVER AND INLET PIPE (NOT SHOWN).
 11. PURCHASER TO PREPARE EXCAVATION AND PROVIDE LIFTING EQUIPMENT.
 12. VORTSENTRY HS BY CONTECH STORMWATER SOLUTIONS, PORTLAND, OR (800) 548-4667; SCARBOROUGH, ME (877) 997-8676; LANTHANUM, MD (866) 140-3318.

CONTECH STORMWATER SOLUTIONS
www.contechstormwater.com

SCALE: DRAWING: NDD
 CHECKED: GWB
 FILE NAME: VSHS-G TYPTEL
 DATE: 8/17/22

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DRWN BY: WML
 CHKD BY: PSB
 APPR BY: PSB

REV#	DATE	DESCRIPTION
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PREPARED BY:

Engineering Design Consultants, Inc.
 32 Turnpike Road
 Southborough, Massachusetts
 (508) 480-0225

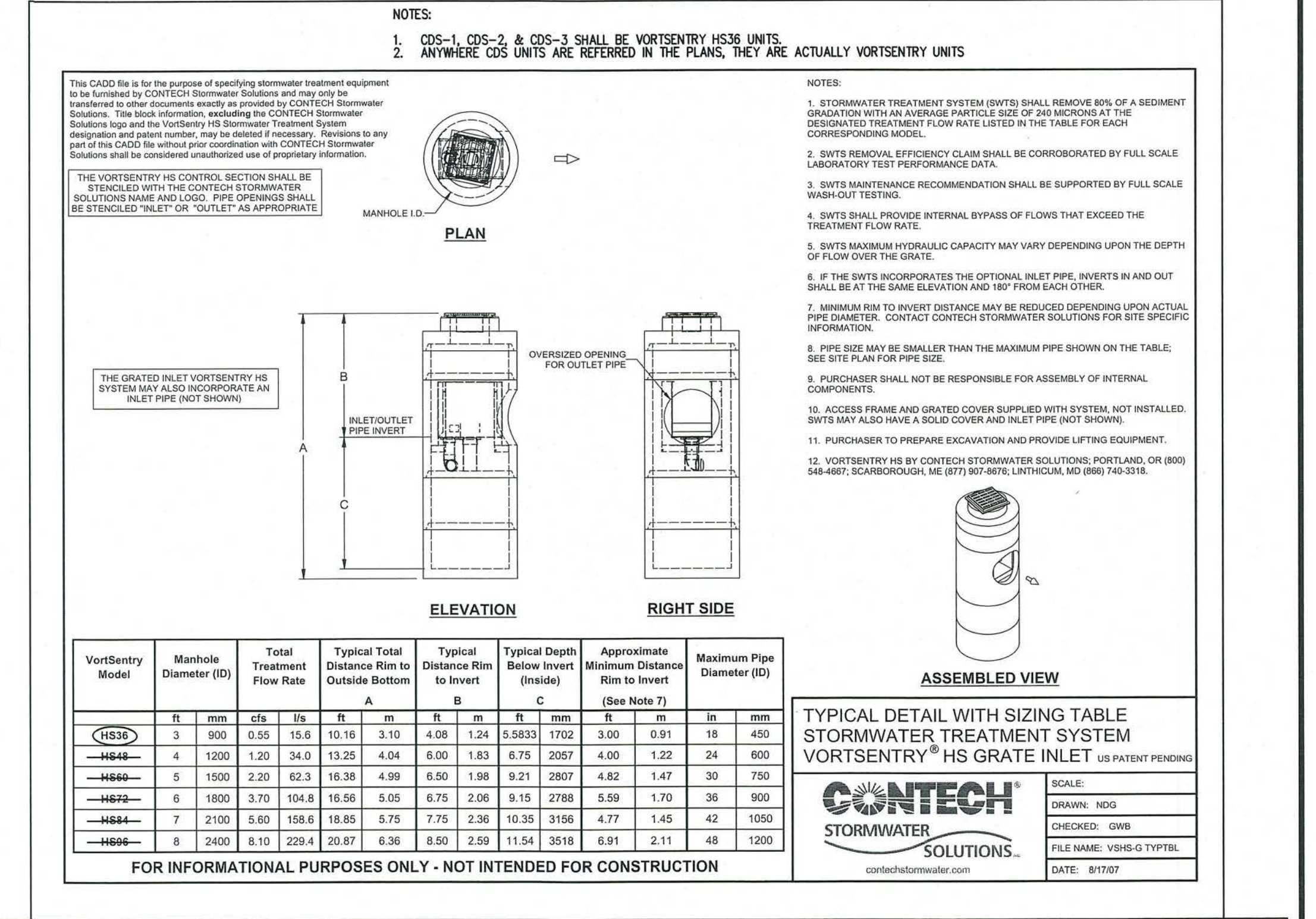
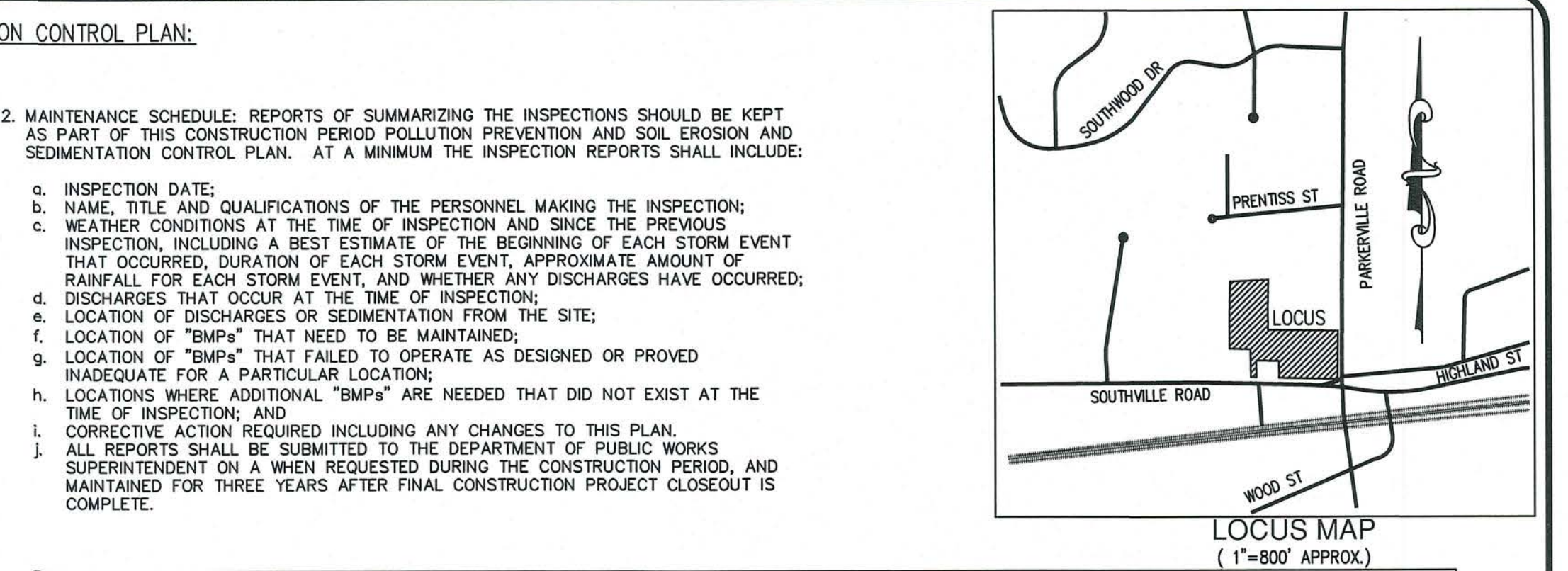
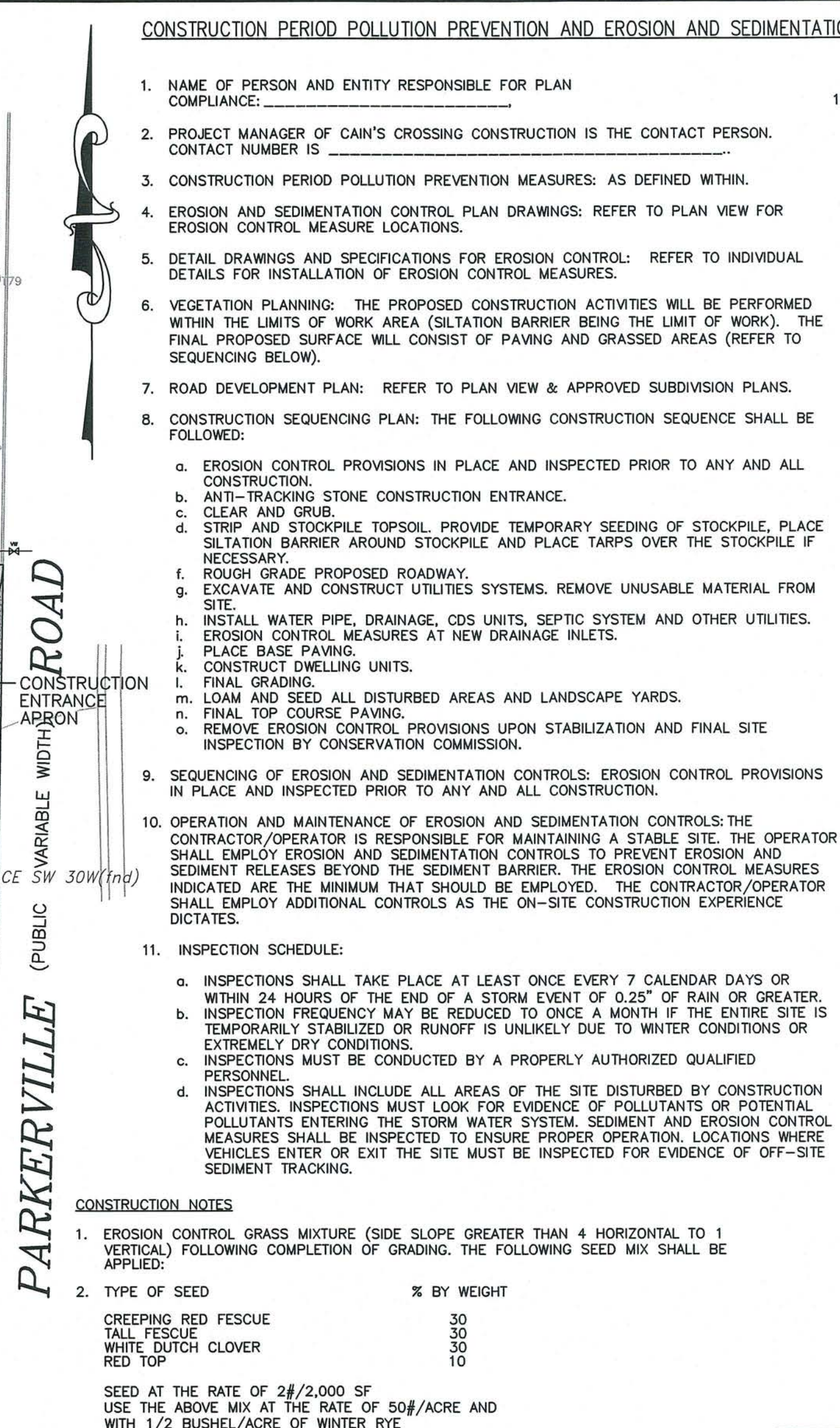
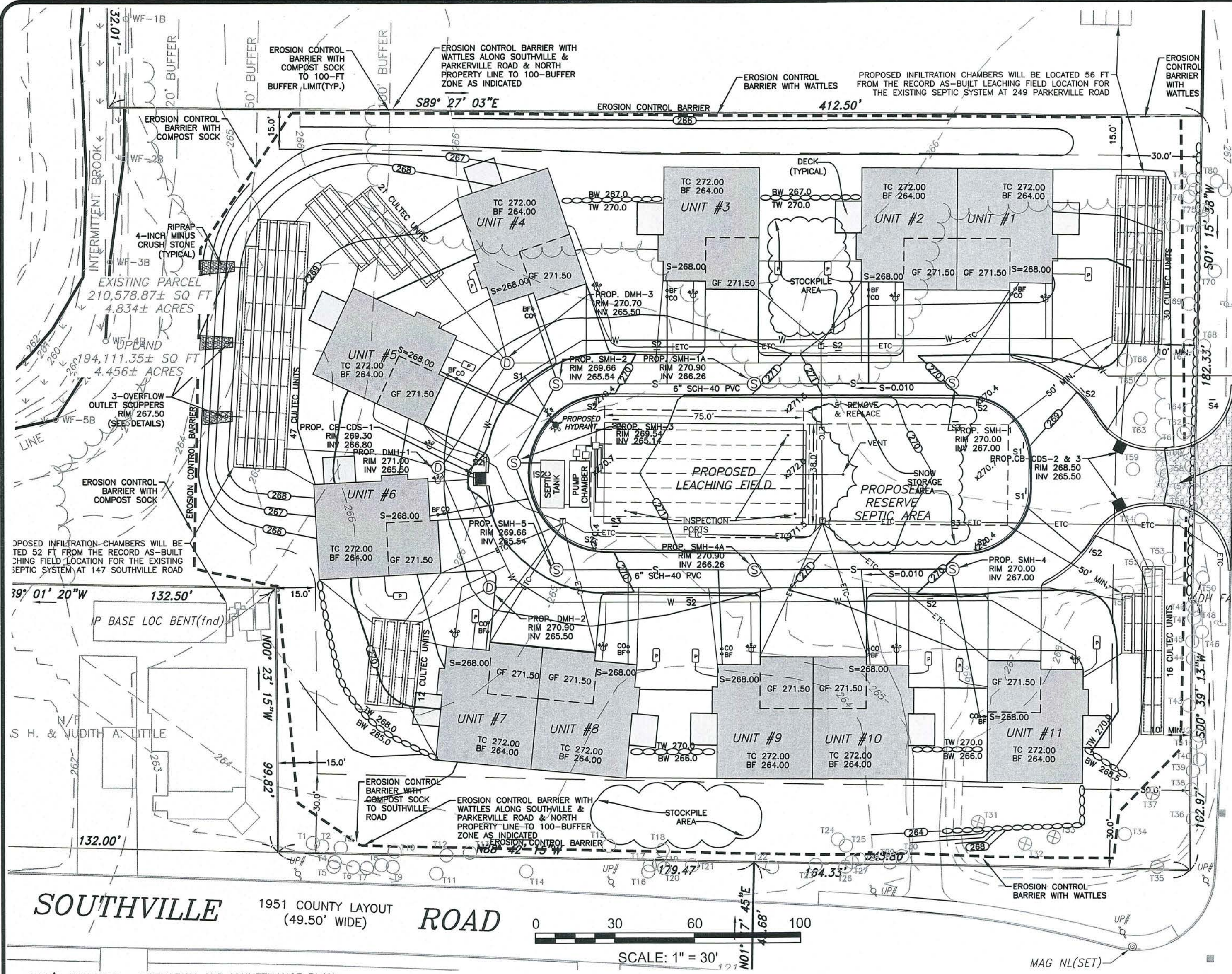
WALTER M. LEVING
 CIVIL
 No. 23227
 REG. PROFESSIONAL ENGINEER

PROJECT: CAIN'S CROSSING AT LINCOLN SQUARE
 AN OVER 55 DEVELOPMENT
 IN SOUTHBOROUGH, MASSACHUSETTS

141 SOUTHVILLE ROAD
 SOUTHBOROUGH, MASSACHUSETTS
 (WORCESTER COUNTY)

OWNER/APPLICANT: **BARTOLINI BUILDERS INC.**
 4 WEYTH CIRCLE
 SOUTHBOROUGH, MA 01772

FILE NO: 3420 SITEPLAN REVEP
 DETAILS
 DATE: DECEMBER 17, 2015
 REVISION PLAN NO: 5 of 5



CAIN'S CROSSING - OPERATION AND MAINTENANCE PLAN:

1. SCHEDULE OF SHORT-TERM OPERATION AND MAINTENANCE (DURING CONSTRUCTION):

a. EROSION CONTROL BARRIER: THE EROSION CONTROL BARRIER SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL BE INSPECTED WEEKLY, PRIOR TO STORM EVENTS AND IMMEDIATELY AFTER STORM EVENTS TO ENSURE ITS INTEGRITY. PORTIONS OF THE EROSION CONTROL BARRIER SHALL BE REMEDIATED AS NECESSARY TO PREVENT EROSION.

b. CONSTRUCTION COMPLETION: THE ENTIRE STORM WATER MANAGEMENT SYSTEM SHALL BE INSPECTED UPON COMPLETION OF CONSTRUCTION. PORTIONS OF THE SYSTEM CONTAINING SEDIMENTATION SHALL BE PROPERLY CLEANED AND THE SILT REMOVED.

2. MAINTENANCE AGREEMENT/SCHEDULE FOR LONG-TERM OPERATION AND MAINTENANCE (POST CONSTRUCTION)

a. OWNER OF THE STORMWATER SYSTEM: _____ DATE: _____

OWNERS SIGNATURE: _____ DATE: _____

b. PERSON/ENTITY RESPONSIBLE FOR FINANCING MAINTENANCE AND EMERGENCY REPAIRS: _____

c. CDS UNIT INSPECTIONS: INSPECTION IS THE KEY TO EFFECTIVE MAINTENANCE AND IS EASILY PERFORMED. POLLUTANT DEPOSITION AND TRANSPORT MAY VARY FROM YEAR TO YEAR, AND REGULAR INSPECTIONS WILL HELP INSURE THAT THE SYSTEM IS CLEANED OUT AT THE APPROPRIATE TIME. AT A MINIMUM, INSPECTIONS SHOULD BE PERFORMED FOUR TIMES PER YEAR, HOWEVER MORE OR LESS FREQUENT INSPECTIONS MAY BE NECESSARY WHERE FREQUENT WINTER SANDING OPERATIONS MAY LEAD TO RAPID ACCUMULATIONS. THE VISUAL INSPECTION SHOULD ASCERTAIN THAT THE SYSTEM COMPONENTS ARE IN WORKING ORDER AND THAT THERE ARE NO BLOCKAGES OR OBSTRUCTIONS TO INLET AND/OR SEPARATION SCREEN. THE INSPECTION SHOULD ALSO IDENTIFY ACCUMULATIONS OF HYDROCARBONS, TRASH, AND SEDIMENT IN THE SYSTEM. MEASURING POLLUTANT ACCUMULATION CAN BE DONE WITH A CALIBRATED DIPSTICK, TAPE MEASURE OR OTHER MEASURING INSTRUMENT. IT IS USEFUL AND OFTEN REQUIRED AS PART OF A PERMIT TO KEEP A RECORD OF EACH INSPECTION. (SEE THE INSPECTION AND MAINTENANCE GUIDE PROVIDED BY THE MANUFACTURER).

d. CLEANING OF THE CDS SYSTEM SHOULD BE DONE WHEN SEDIMENT ACCUMULATES AT A DEPTH OF TWO FEET WITHIN THE UNIT AND SHOULD BE DONE DURING DRY WEATHER CONDITIONS WHEN NO FLOW IS ENTERING THE SYSTEM. CLEANOUT OF THE CDS WITH A VACUUM TRUCK IS GENERALLY THE MOST EFFECTIVE AND CONVENIENT METHOD OF EXCAVATING POLLUTANTS FROM THE SYSTEM. SIMPLY REMOVE THE MANHOLE COVERS AND INSERT THE VACUUM HOSE INTO THE SUMP. THE SYSTEM SHOULD BE COMPLETELY DRAINED AND THE SUMP FULLY EVACUATED OF SEDIMENT. THE AREA OUTSIDE THE SCREEN SHOULD BE PUMPED OUT ALSO IF POLLUTANT BUILD-UP EXISTS IN THIS AREA.

e. DWELLING GUTTERS: THE PROPOSED DWELLINGS WILL CONTAIN GUTTERS. ALL STORMWATER FROM ROOF RUNOFF IS DIRECTED TOWARD INFILTRATION TRENCH SYSTEMS LOCATED AROUND THE PERIMETER OF THE HOME AND ROADWAY. THE DOWNSPOUTS WILL BE DIRECTED TO THE INFILTRATION TRENCHES THROUGH ROOF LEADER PIPES. GUTTERS SHALL BE CLEANED PERIODICALLY AS NEEDED AND/OR AT LEAST TWICE PER YEAR, AFTER LEAVES HAVE FALLEN IN THE FALL SEASON AND IN THE SPRING SEASON AFTER NEW LEAF GROWTH. IT MAY BE DETERMINED UPON INSPECTION THAT CLEANING MORE OFTEN MAY BE NECESSARY. DOWNSPOUT STRAINERS SHALL BE USED AT DOWNSPOUT LOCATIONS WITHIN THE GUTTERS.

f. INFILTRATION SYSTEMS: MAINTENANCE OF THE INFILTRATIVE SYSTEMS WILL NOT BE REQUIRED WITH THE PROPER MAINTENANCE OF HOUSE GUTTERS AND CDS UNITS. INSPECTION FOR EACH THE SYSTEMS SHALL BE PROVIDED ONCE A YEAR THROUGH THE INSPECTION PORT. VERIFY THAT THE SYSTEMS ARE NOT CLOGGED AND ARE DRAINING.

g. THE ESTIMATED ANNUAL MAINTENANCE COST OF THIS STORMWATER MANAGEMENT SYSTEM IS \$500/UNIT.

3. MAINTENANCE REPORTS SUMMARIZING THE INSPECTIONS SHOULD BE KEPT AS PART OF THIS OPERATION & MAINTENANCE PLAN AND CONSTRUCTION PHASE. AT A MINIMUM THE INSPECTION REPORTS SHALL INCLUDE:

a. INSPECTION DATE;

b. NAME, TITLE AND QUALIFICATIONS OF THE PERSONNEL MAKING THE INSPECTION;

c. WEATHER CONDITIONS AT THE TIME OF INSPECTION AND SINCE THE PREVIOUS INSPECTION, INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT THAT OCCURRED, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT, AND WHETHER ANY DISCHARGES HAVE OCCURRED;

d. DISCHARGES THAT OCCUR AT THE TIME OF INSPECTION;

e. LOCATION OF DISCHARGES OR SEDIMENTATION FROM THE SITE;

f. LOCATION OF BEST MANAGEMENT PRACTICES (STRUCTURE), "BMP'S" THAT NEED TO BE MAINTAINED;

g. LOCATION OF "BMP'S" THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;

h. LOCATIONS WHERE ADDITIONAL "BMP'S" ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION; AND

i. CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THIS PLAN.

j. ALL REPORTS SHALL BE SUBMITTED TO THE PUBLIC WORKS SUPERINTENDENT ON A MONTHLY BASIS DURING CONSTRUCTION PERIOD.

k. REPORTS AFTER CONSTRUCTION SHALL BE RETAINED FOR TEN YEARS AFTER FINAL CONSTRUCTION PROJECT CLOSEOUT IS COMPLETE AND SUBMITTED TO THE CONSERVATION COMMISSION UPON REQUEST.

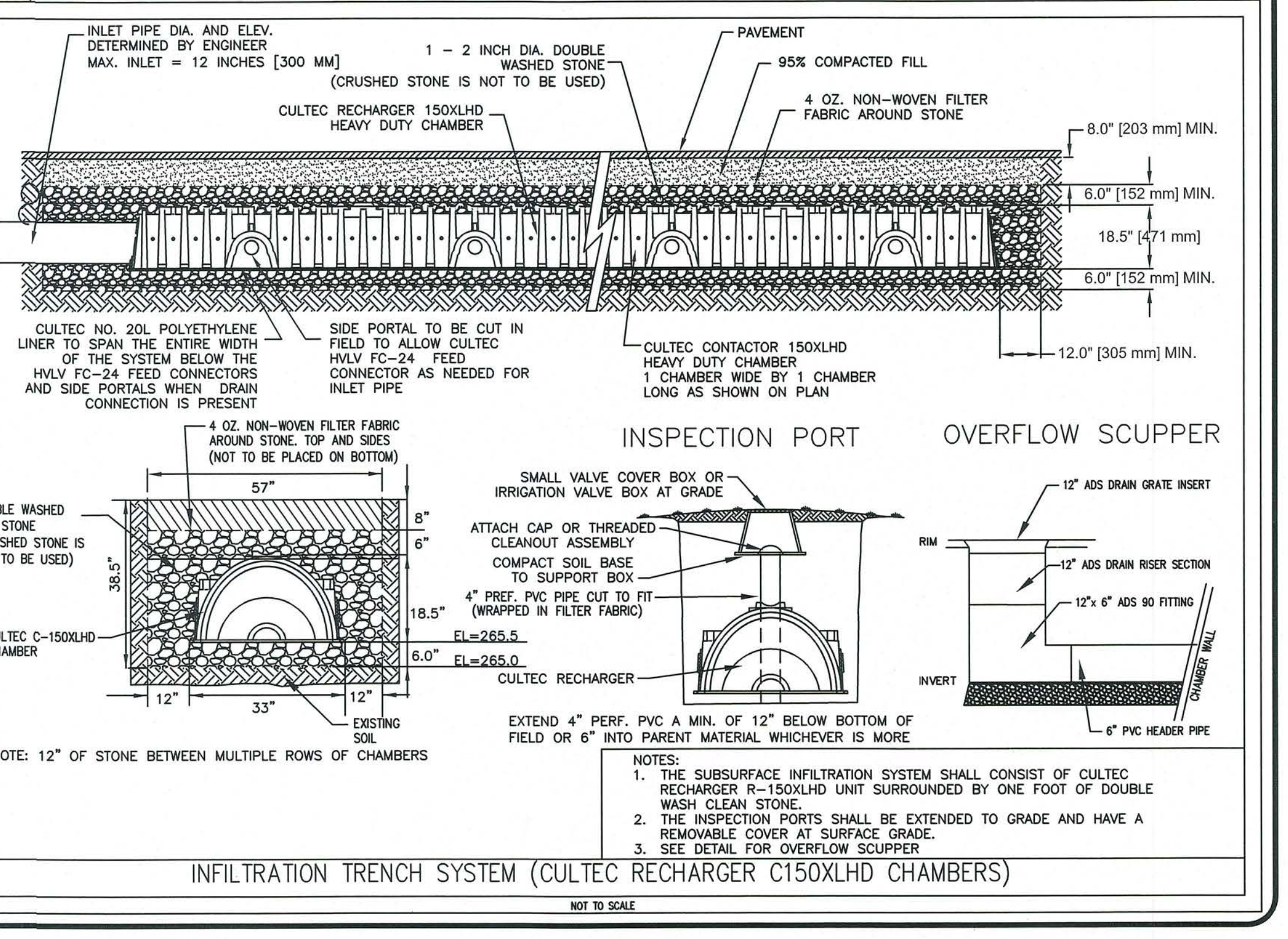
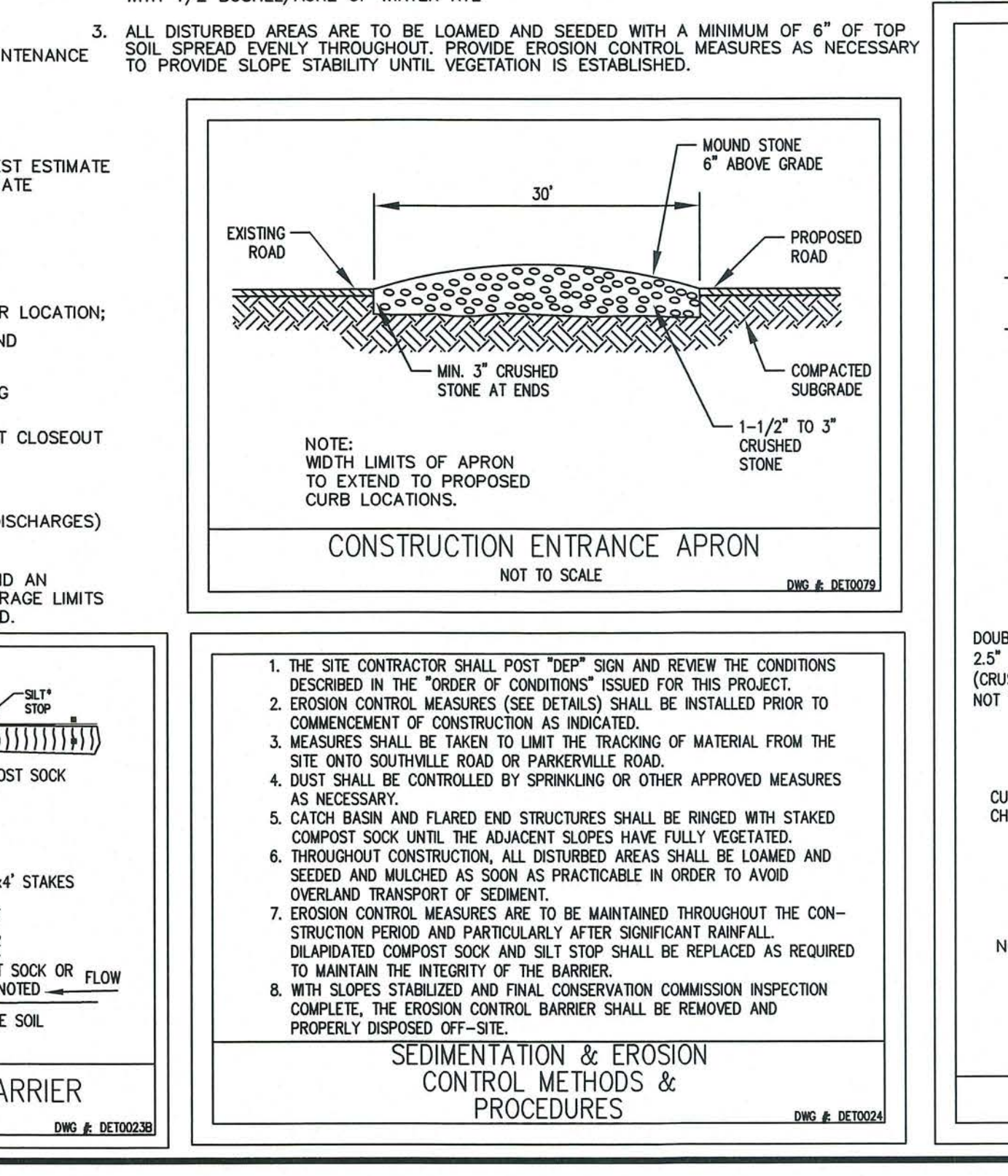
4. ILLICIT DISCHARGES: ALL ILLICIT DISCHARGES TO THE STORMWATER SYSTEM ARE PROHIBITED. IF AN ACCIDENTAL SPILL OCCURS (OIL AND/OR CHEMICAL SPILLS, RADIATION EMERGENCIES, AND BIOLOGICAL DISCHARGES) THE NATIONAL RESPONSE CENTER MUST BE CALLED AT 1-800-424-8802

5. SNOW STORAGE IS AVAILABLE WITHIN 5 FEET OF THE PAVED DRIVEWAYS THROUGHOUT THE PROJECT LIMITS AND AN OVERFLOW SNOW STORAGE AREA IS DELINEATED OVER THE SAS RESERVE AREA, HOWEVER SHOULD THESE STORAGE LIMITS PROVE TO BE INADEQUATE THEN SNOW REMOVAL AND TRANSPORT TO AN OFFSITE LOCATION WILL BE REQUIRED.

NOTE: UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SPAN THE WIDTH OF THE BARRIER AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION

DIGSAFE IS TO BE NOTIFIED 72 BUSINESS HOURS IN ADVANCE OF CONSTRUCTION. CALL DIGSAFE AT 811



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Engineering Design Consultants, Inc.
32 Tumpike Road
Southborough, Massachusetts
(508) 480-0225

PROJECT: CAIN'S CROSSING AT LINCOLN SQUARE
AN OVER 55 DEVELOPMENT
IN SOUTHBOROUGH, MASSACHUSETTS

FILE NO: 3420 SITEPLAN REVSEP
SWPPP
DATE: DECEMBER 18, 2016
DEFINITIVE PLAN NO: 1 of 1

141 SOUTHVILLE ROAD
SOUTHBOROUGH, MASSACHUSETTS
(WORCESTER COUNTY)

BARTOLINI BUILDERS INC.
4 WEYTH CIRCLE
SOUTHBOROUGH, MA 01772

PLANT LIST:

TREES - DECIDUOUS AND EVERGREEN				
Qty.	Sym.	Botanical Name	Common Name	Size
6	AR	Acer rubrum 'October Glory'	'October Glory' Red Maple	3" caliper
11	BN	Betula nigra 'Heritage'	'Heritage' River Birch	12-14' h clump
2	CK	Cornus kousa	Kousa Chinese Dogwood	6' high clump
2	CS	Cornus 'Stellar Pink'	'Stella Pink' Dogwood	2 - 2 1/2" cal.
2	CV	Chionanthus virginicus	Fringetree	6' height
6	GB	Ginkgo biloba 'Autumn Gold'	'Autumn Gold' Ginkgo	2 1/2" caliper
2	GT	Gleditsia triacanthos 'Halka'	'Halka' Honeylocust	2 1/2" caliper
23	PA	Picea abies	Norway Spruce	8 - 9' height
9	PC	Pyrus calleryana 'Aristocrat'	'Aristocrat' Callery Pear	2 1/2 - 3" cal.
4	TD	Taxodium distichum	Bald Cypress	2 1/2 - 3" cal.
28	TG	Thuja 'Green Giant'	'Green Giant' Arborvitae	7 - 8' height
SHRUBS - DECIDUOUS AND EVERGREEN				
26	CA	Cornus alba 'Ivory Halo'	'Ivory Halo' Dogwood	2 - 2 1/2' ht.
6	CL	Clethra alnifolia	Summersweet	18 - 24" ht.
6	FG	Fothergilla gardenii	Dwarf Fothergilla	2 - 2 1/2' ht.
12	HP	Hydrangea paniculata 'Quick Fire'	'Quick Fire' Hydrangea	5 gallon pot
20	IG	Ilex glabra 'Shamrock'	'Shamrock' Inkberry	2 - 2 1/2' ht.
15	PO	Physocarpus opulifolius	Ninebark	18 - 24" ht.
14	VP	Viburnum plicatum toment. 'Shasta'	'Shasta' Doublefile Viburnum	18 - 24" ht.
8	VT	Viburnum trilobum	American Cranberrybush	2 - 2 1/2' ht.
PERENNIALS AND GRASSES				
12	AH	Amsonia hubechtii	Showy Blue Star Flower	1 gallon pot
15	CK	Calamagrostis x acut. 'Karl Foerster'	'Karl Foer.' Feather Reed Grass	3 gallon pot
30	HS	Hemerocallis x 'Stella D'Oro'	'Stella D'Oro' Daylily	1 gallon pot
12	MS	Miscanthus sinensis 'Gracillimus'	'Gracillimus' Maiden Grass	5 gallon pot
15	PA	Pennisetum alopecuroides 'Hamelin'	'Hamelin' Dwarf Fountain Grass	2 gallon pot
12	NN	Nipponanthem nipponicum	Montauk Daisy	2 gallon pot

NOTE: Contractor to provide mulch at all plant beds and saucers, as detailed.

Do not prune tree's leader. No pruning / cutting of the tree shall be done unless directed by the landscape architect.

Cut and remove burlap, rope and / or ties, etc., from trunk and branches of tree.

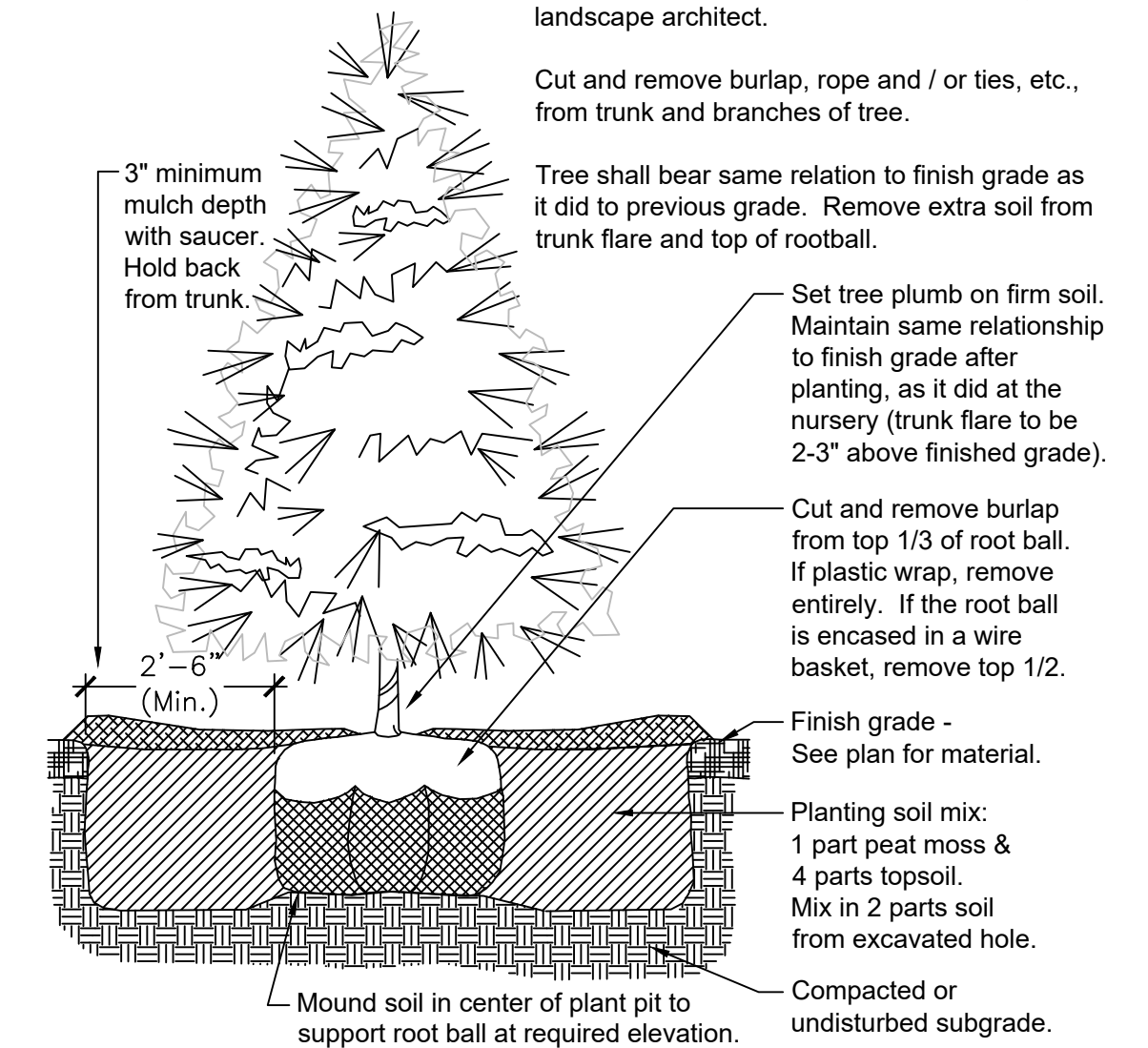
Set tree plumb on firm soil. Maintain same relationship to finish grade after planting, as it did at the nursery (trunk flare to be 2-3" above finished grade).

Cut and remove burlap from top 1/3 of root ball. If plastic wrap, remove entirely. If the root ball is encased in a wire basket, remove top 1/2.

Finish grade - See plan for material.

Planting soil mix: 1 part peat moss & 4 parts topsoil. Mix in 2 parts soil from excavated hole.

Mound soil in center of plant pit to support root ball at required elevation. Compacted or undisturbed subgrade.



1 TYP. EVERGREEN TREE PLANTING
Scale: 1/2" = 1' - 0"

Never cut a leader.

Cut and remove burlap from trunk of tree.

Tree shall bear same relation to finish grade as it did in previous grade.

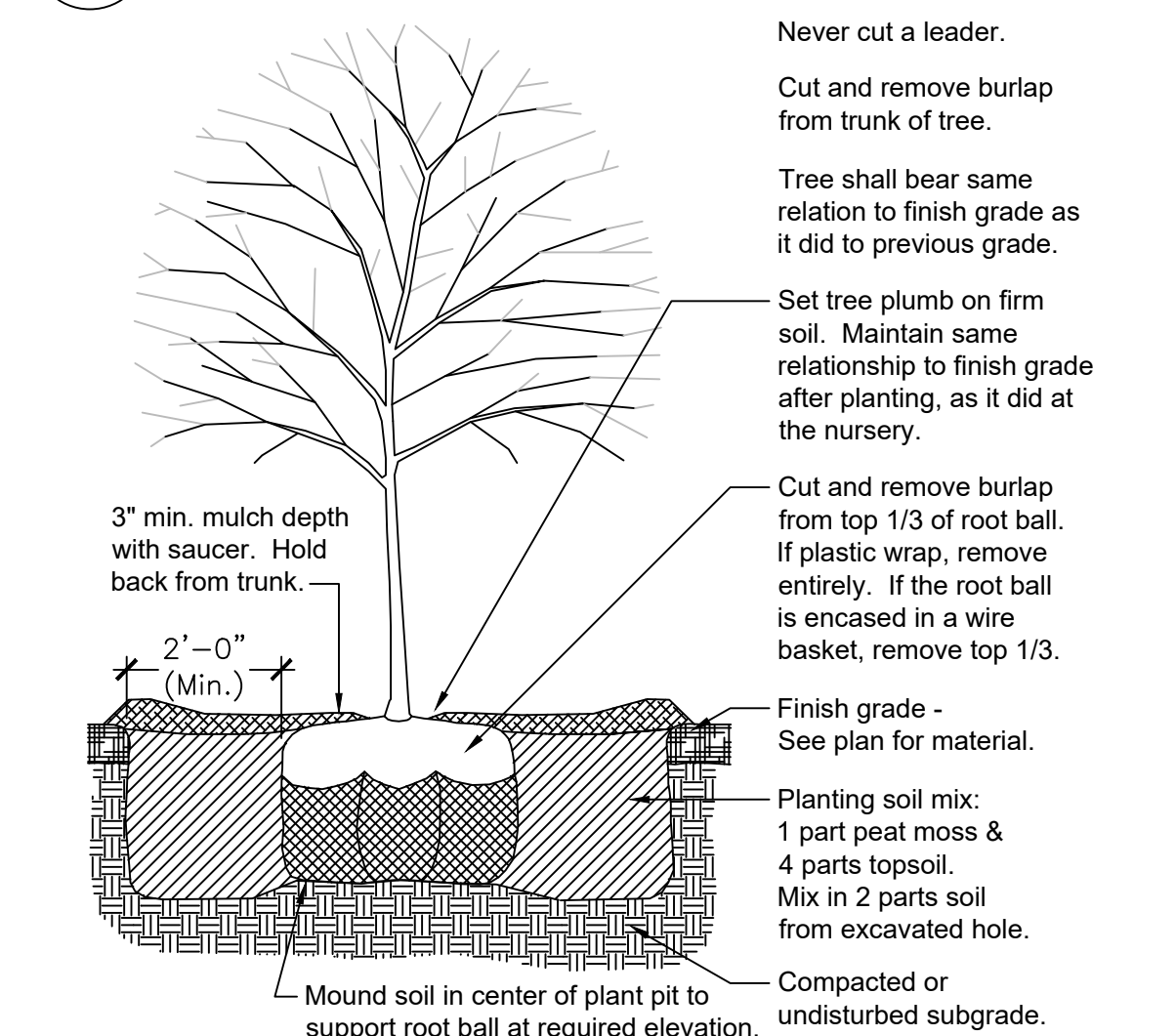
Set tree plumb on firm soil. Maintain same relationship to finish grade after planting, as it did at the nursery.

Cut and remove burlap from top 1/3 of root ball. If plastic wrap, remove entirely. If the root ball is encased in a wire basket, remove top 1/3.

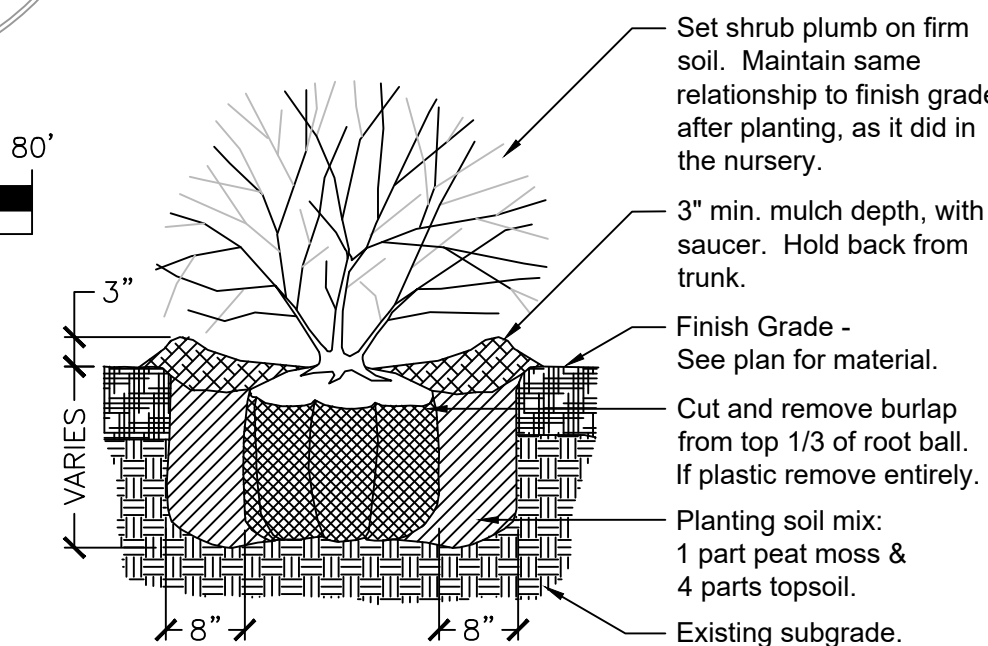
Finish grade - See plan for material.

Planting soil mix: 1 part peat moss & 4 parts topsoil. Mix in 2 parts soil from excavated hole.

Mound soil in center of plant pit to support root ball at required elevation. Compacted or undisturbed subgrade.

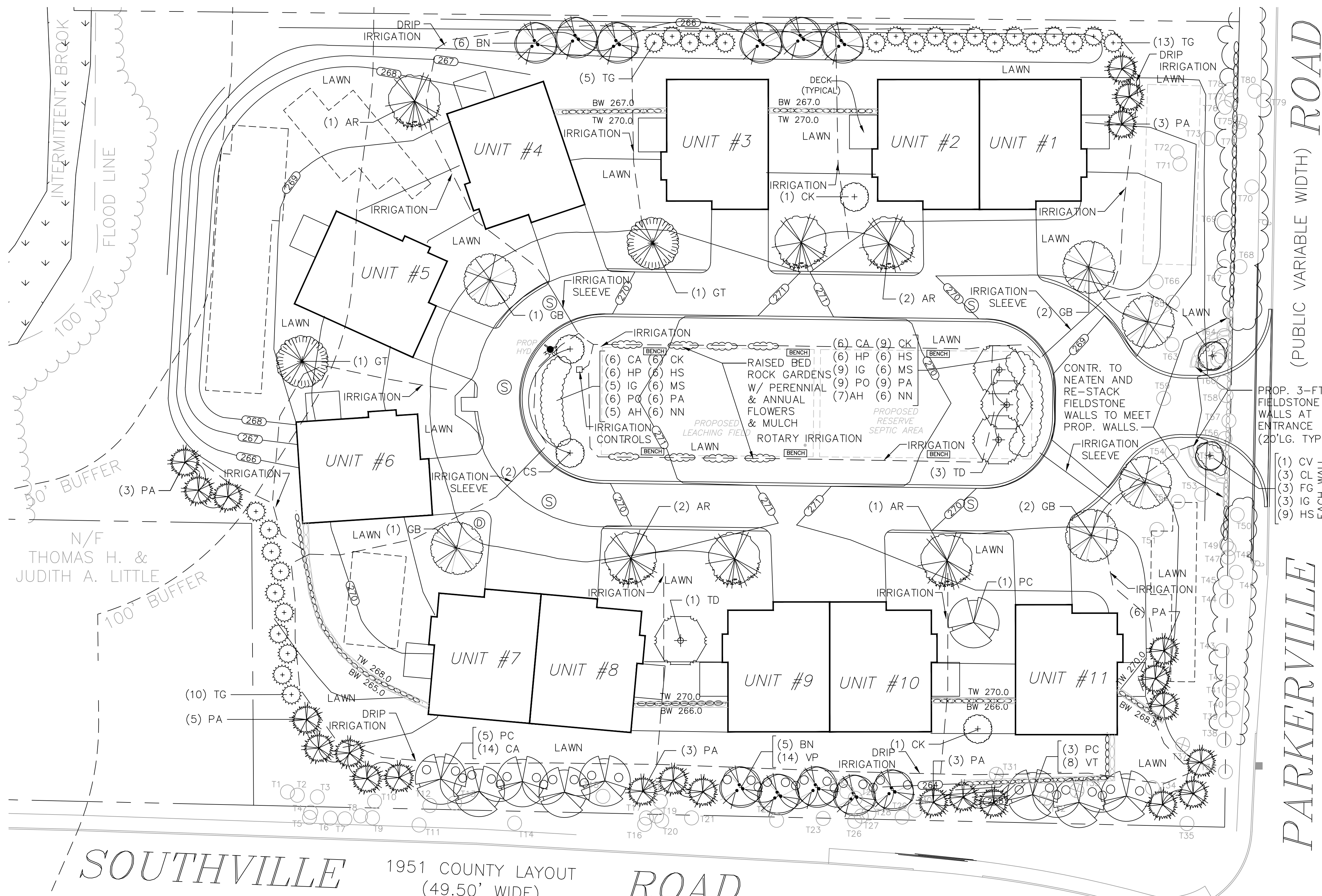


2 TYP. DECIDUOUS TREE PLANTING
Scale: 1/2" = 1' - 0"



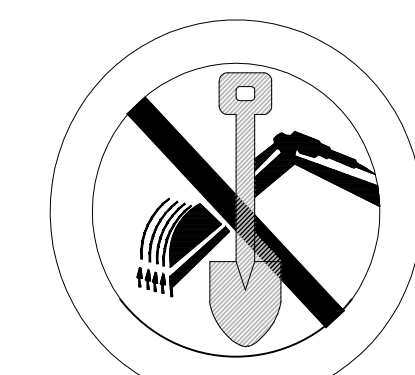
NOTE:
1. New shrub beds to have a minimum of one foot planting soil.

3 TYPICAL SHRUB PLANTING
Scale: 3/4" = 1' - 0"



PLANTING NOTES:

- Trees & shrubs shall be uniform, full & bushy, and well branched specimen plants. All plants approved by Landscape Architect.
- Plants shall be balled and burlapped or container grown.
- Plants to conform to the requirements established in the 'American Standards For Nursery Stock', latest edition.
- Plant beds to receive 3-inch minimum depth of shredded bark mulch. Contractor to submit bark samples for approval.
- Edge of plant beds shall be a maximum of 12-inches from edge of plant material.
- Plant materials shall be guaranteed for 1-year after installation.
- Plant materials to be field located & approved by the Land Architect.
- Planting beds at perennial locations to have a 6-in. min. depth of loam. Loam at trees, shrubs, and ornamental grass locations to be depth of root ball.
- Existing trees along Southville and Parkerville Roads unless otherwise noted hereon for driveway or utility infrastructure improvements or are deemed to be dead or diseased by the Southborough Tree Warden are to be preserved.
- Existing berm at corner of Southville and Parkerville Roads shall remain.
- Loam (6" minimum depth) and seed all disturbed areas not noted to receive other treatment.
- Plant substitutions allowed based on best availability of nursery stock, with all substitutions to be approved by the Southborough Planning Board.
- General irrigation layout: drip to be installed for perimeter & cluster plantings and rotary head units for lawn and center island areas as indicated. See Civil Plans for the complete LIMIT-OF-ALL-SITE-WORK.



Call DIGSAFE, 1-888-344-7233, for location and marking of all utilities prior to any excavation. Private utilities may require additional marking and investigation.

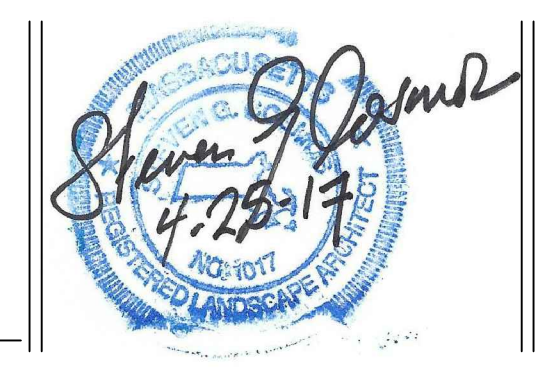
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REVISIONS:

NO. 1	DATE	DESCRIPTION
5/5/17		PUBLIC MEETING REVIEW COMMENTS



PREPARED BY:
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PROJECT: CAIN'S CROSSING AT LINCOLN SQUARE
AN OVER 55 DEVELOPMENT
IN SOUTHBOROUGH, MASSACHUSETTS

141 SOUTHVILLE ROAD
SOUTHBOROUGH, MASSACHUSETTS
(WORCESTER COUNTY)

TITLE: **LANDSCAPE PLAN**

OWNER/APPLICANT: **BARTOLINI BUILDERS INC.**
4 WEYTH CIRCLE
SOUTHBOROUGH, MA 01772

FILE NO: PRKRVL_LNDSCFPINALREC01
LANDSCAPE PLAN
DATE: FEBRUARY 13, 2017
DEFINITIVE PLAN NO.: 1 of 1