

SITE PLAN FOR SHELDON MEADOW 20 HANCOCK STREET AND 1139 WEST STREET WRENTHAM, MA 02093

TOWN OF WRENTHAM - PLANNING BOARD	
SIGNATURE	DATE

HOWARD STEIN HUDSON
114 Turnpike Road, Suite 2C
Chelmsford, MA 01824
www.hshassoc.com

PREPARED FOR:
SHELDON MEADOW, LLC
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

SHELDON MEADOW
20 HANCOCK STREET
WRENTHAM, MA 02093
NORFOLK COUNTY

GENERAL NOTES:

1. EXISTING PROPERTY LINE AND UTILITY INFORMATION SHOWN IS BASED ON AN EXISTING SURVEY CONDUCTED BY WSP, USA DATED FEBRUARY 14, 2020, AND REVISED APRIL 20, 2021.
2. WETLAND FLAGS SHOWN HEREON WERE DELINEATED BY WILLIAMS & SPARAGES ON JANUARY 8, 2020, AND REVISED ON MARCH 24, 2021. WETLAND FLAGS FIELD LOCATED BY WSP, USA ON MARCH 29, 2021.
3. THE ACCURACY AND COMPLETENESS OF THE UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION, SIZE, TYPE, ETC. OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY THE WORK. AT LEAST 72 HOURS BEFORE EXCAVATION, THE CONTRACTOR SHALL BE REQUIRED TO CONTACT DIGSAFE AT 1-888-344-7233.
4. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
5. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE APPROPRIATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION.
6. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE NOTIFIED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, PRIOR TO EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAVING.
7. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES EXCEPT THOSE NOTED TO BE ABANDONED, REMOVED, OR DISPOSED.
8. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS AT HIS/HER OWN EXPENSE, OUTSIDE OF THE PROJECT LIMITS.

OWNER

JOHN HASENJAEGER
23 PINNACLE DRIVE
EAST WALPOLE, MA 02032

APPLICANT

SHELDON MEADOW, LLC
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

ASSESSORS INFORMATION

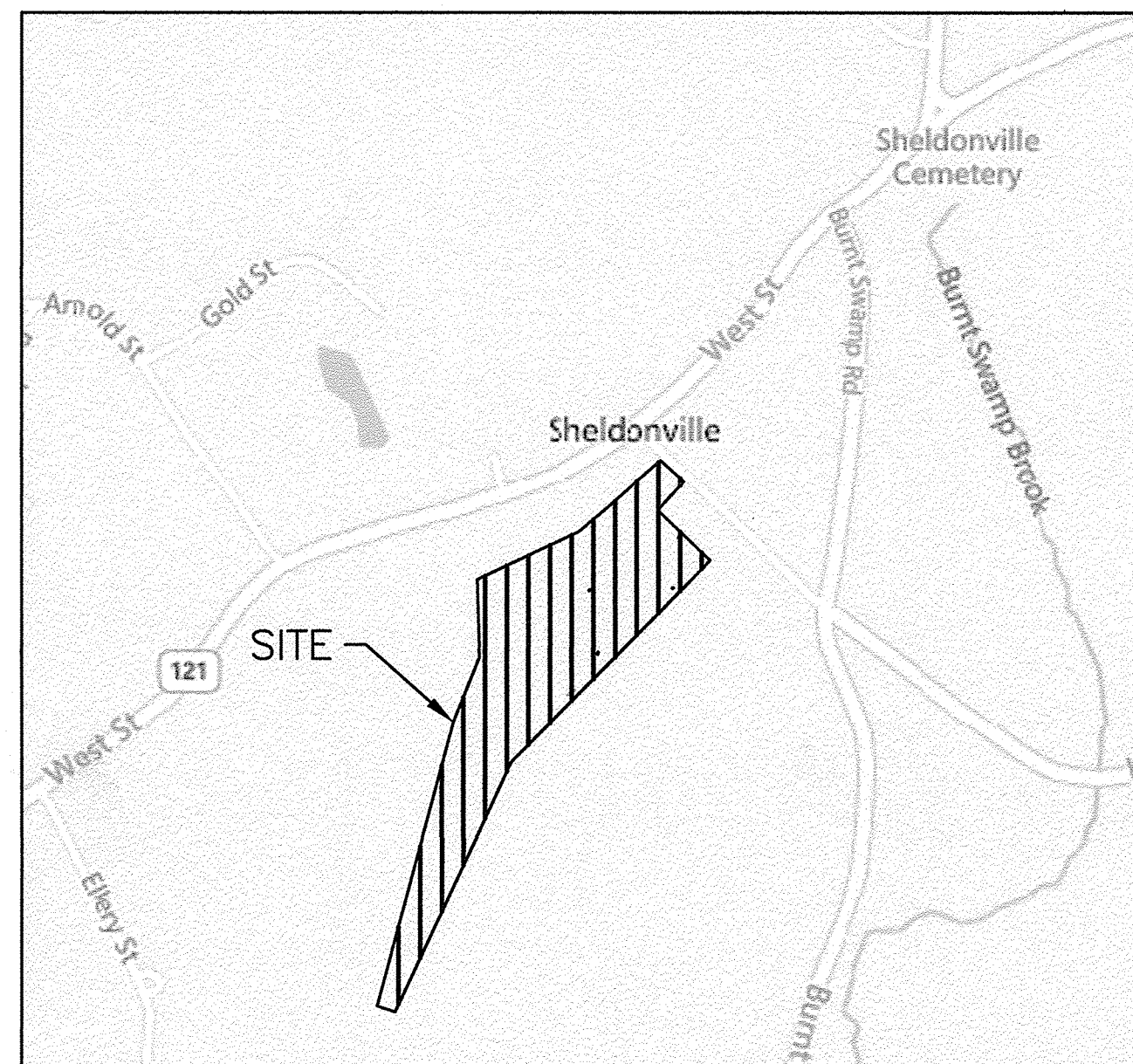
ASSESSORS MAP G-03 BLOCK 1 LOT 19 AND 14

REFERENCES

1. EXISTING CONDITIONS SURVEY BY WSP DATED 2-14-2020 REVISED THROUGH 4-20-2021.

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LOCUS MAP
1" = 800'

PROJECT TEAM

APPLICANT

SHELDON MEADOW, LLC
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

CIVIL ENGINEER

HOWARD STEIN HUDSON
114 TURNPIKE RD, SUITE 2C
CHELMSFORD, MA 01824

SURVEYOR

WSP, USA, LLC
9 EXECUTIVE PARK DRIVE
SUITE 101
MERRIMACK, NH 03054

WETLAND SCIENTIST

GREGORY HOCHMUTH
WILLIAMS & SPARAGES
189 NORTH MAIN STREET
MIDDLETON, MA 01949

ARCHITECT

LAGRASSE YANOWITZ & FEYL ARCHITECTS
1 ELM SQUARE
ANDOVER, MA 01810

LANDSCAPE ARCHITECT

JAMES K. EMMANUEL ASSOCIATES
22 CARLTON ROAD
MARBLEHEAD MA 01945

LIGHTING CONSULTANT

REFLEX LIGHTING
7 TIDE STREET
BOSTON, MA 02210

ZONING REQUIREMENTS

ZONING DISTRICT: R-87 (AGRICULTURAL AND RESIDENTIAL)
OVERLAY DISTRICT: WATERSHED PROTECTION DISTRICT
SPECIAL REQUIREMENTS: SENIOR LIVING COMMUNITY (SLC)
DIMENSIONAL REQUIREMENTS:

	REQUIREMENT	PROPOSED
MINIMUM LOT AREA (SLC)	871,200 (20 AC)	878,327± S.F. (20.1 AC)
CONTINUOUS LOT FRONTAGE	100 FT	134± FT
MINIMUM FRONT YARD (SLC)	30 FT	221± FT
MINIMUM SIDE YARD (SLC)	30 FT	54± FT
MINIMUM REAR YARD (SLC)	30 FT	1,810± FT
MAXIMUM BUILDING COVERAGE	35%	3.6%
MINIMUM OPEN SPACE*	30%	40%±
MAXIMUM STORIES (SLC)	2	2
MAXIMUM BUILDING HEIGHT (SLC)	28 FT	<28 FT
MAXIMUM DENSITY	4 UNITS/ACRE	0.8 UNITS/ACRE
AVG DISTANCE BETWEEN UNITS	15 FT	25.3 FT

*NO MORE THAN 25% OF THE MINIMUM COMMON OPEN SPACE SHALL BE WETLANDS

TOTAL SITE AREA	= 878,327 S.F.
TOTAL WETLANDS ON SITE	= 445,084 S.F.
TOTAL NON-OPEN SPACE**	= 145,385 S.F.
REQUIRED OPEN SPACE	= 878,327 * 30%
	= 263,498 S.F.
REQUIRED UPLAND	= 263,498 * 75%
	= 197,624 S.F.
ALLOWABLE WETLANDS	= 263,498 * 25%
	= 65,875 S.F.
OPEN SPACE	= 878,327 - (445,084 + 145,385)
	= 287,858 S.F.
TOTAL OPEN SPACE	= 287,858 + 65,875
	= 353,733 S.F.
	= 353,733 / 878,327
	= 100 * 0.40
	= 40%

** TOTAL OF BUILDING, PAVEMENT, SWALE, AND INFILTRATION BASIN.

PARKING REQUIREMENTS

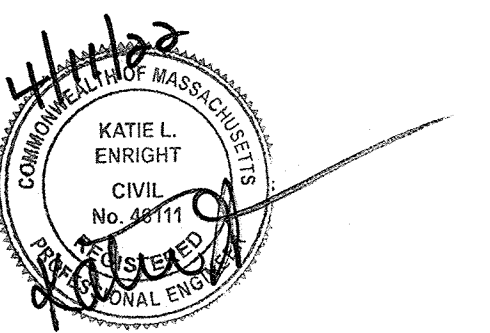
SINGLE FAMILY OR COTTAGE STYLE DWELLING: TWO (2) SPACES PER UNIT
GUEST PARKING: ONE (1) SPACE PER TWO (2) UNITS OR THREE (3) BEDS
REQUIRED PARKING SPACES:
16 UNITS x 2 SPACES/UNIT = 32 SPACES
16 UNITS x 1 SPACE PER 2 UNITS = 8 SPACES
TOTAL PARKING SPACES REQUIRED: 32 SPACES + 8 SPACES
= 40 PARKING SPACES REQUIRED
PARKING SPACES PROVIDED: 32 GARAGE SPACES + 29 SURFACE PARKING SPACES
= 61 PARKING SPACES PROVIDED

SITE PLAN AND SPECIAL PERMITS REQUIRED

1. ARTICLE 13.5 - SENIOR LIVING COMMUNITY
2. ARTICLE 14 - EARTH REMOVAL

REVISIONS:

NO	BY	DATE	DESCRIPTION



SITE PLAN

COVER SHEET

DATE: APRIL 11, 2022

PROJECT NUMBER: 19227.01

DESIGNED BY: KL/KF/MB

DRAWN BY: KL/KF/MB

CHECKED BY: KE

C1.1

SHEET 1 OF 34

EROSION CONTROL PLAN NOTES:

- REMOVAL OF EXISTING STRUCTURES SHALL INCLUDE ALL EXISTING PAVEMENT, FOOTINGS, AND UTILITY CONNECTIONS.
- IT IS THE RESPONSIBILITY OF THE CHOSEN CONTRACTOR TO ENSURE ALL STORMWATER INLETS DOWNSTREAM OF CONSTRUCTION ARE FITTED WITH TEMPORARY INLET PROTECTION.
- ALL PROPOSED CATCH BASINS AND MANHOLES SHALL BE FITTED WITH INLET PROTECTIONS DURING CONSTRUCTION TO MINIMIZE EROSION AND SEDIMENTATION WITHIN THE PROPOSED STORMWATER MANAGEMENT SYSTEM.
- ALL EXISTING SITE FEATURES NOT PROPOSED TO BE REMOVED SHALL BE PROTECTED DURING CONSTRUCTION TO THE MAXIMUM EXTENT FEASIBLE. ANY DAMAGE SHALL BE REPAIRED TO THE EXISTING CONDITION.
- EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED AND UPGRADED AS NECESSARY DURING CONSTRUCTION BY THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND INSTALL ADDITIONAL CONTROL MEASURES AS NEEDED DURING CONSTRUCTION.
- STABILIZATION OF ALL RE-GRADED AND SOIL STOCKPILE AREAS MUST BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
- SEDIMENT REMOVED FROM EROSION AND SEDIMENT CONTROL DEVICES MUST BE PROPERLY REMOVED AND DISPOSED. ALL DAMAGED CONTROLS MUST BE REMOVED AND REPLACED.
- THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE PROPER TOWN AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING WIND EROSION AND DUST THROUGHOUT THE LIFE OF HIS CONTRACT. DUST CONTROL MAY INCLUDE, BUT IS NOT LIMITED TO, SPRINKLING OF WATER ON EXPOSED SOILS AND STREET SWEEPING WITHIN ADJACENT ROADWAYS.
- IF FINAL GRADING IS TO BE DELAYED FOR MORE THAN 21 DAYS AFTER LAND DISTURBANCE ACTIVITIES CEASE, TEMPORARY VEGETATION OR MULCH SHALL BE USED TO STABILIZE SOILS WITHIN 14 DAYS OF THE LAST DISTURBANCE.
- IF A DISTURBED AREA WILL BE EXPOSED FOR GREATER THAN ONE YEAR, PERMANENT GRASSES OR OTHER APPROVED COVER MUST BE INSTALLED.
- THE CONTRACTOR MUST KEEP ON-SITE AT ALL TIMES ADDITIONAL COMPOST SOCK FOR THE INSTALLATION AT THE DIRECTION OF THE ENGINEER, OR THE TOWN, TO MITIGATE ANY EMERGENCY CONDITION.
- THE CONSTRUCTION FENCING AND EROSION AND SEDIMENT CONTROLS AS SHOWN MAY NOT BE PRACTICAL DURING ALL STAGES OF CONSTRUCTION. EARTHWORK ACTIVITY ON-SITE MUST BE DONE IN A MANNER SUCH THAT RUNOFF IS DIRECTED TO A SEDIMENT CONTROL DEVICE OR INFILTRATED TO THE GROUND.
- DEMOLITION AND CONSTRUCTION DEBRIS MUST BE PROPERLY CONTAINED AND DISPOSED OF.
- DISPOSAL OF ALL DEMOLISHED MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE HAULED OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.
- OVERHEAD WIRES CROSSING THE PROPOSED ENTRANCE DRIVES SHALL BE SUPPORTED, PROTECTED, AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.

SITE NOTES:

- THE INTENT OF THIS PLAN IS TO CONSTRUCT A SENIOR LIVING COMMUNITY (SLC) CONSISTING OF SINGLE-FAMILY HOMES.
- WATER SUPPLY SHALL BE SERVICED BY PUBLIC WATER SERVICE.
- ONE (1) SEPTIC SYSTEM APPROVED THROUGH THE TOWN OF WRENTHAM BOARD OF HEALTH SHALL SERVE THE DEVELOPMENT.
- ELECTRIC SERVICE SHALL BE SERVICED BY THE LOCAL ELECTRIC PROVIDER IN WRENTHAM.
- ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE TOWN AND STATE STANDARDS AND REGULATIONS.
- ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (S.W.P.P.P.). THIS DOCUMENT IS TO BE KEPT ONSITE AT ALL TIMES AND UPDATED AS REQUIRED.
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER, ARCHITECT, AND/OR OWNER, IN ORDER TO OBTAIN AND/OR PAY ALL THE NECESSARY LOCAL PERMITS, FEES, AND BONDS.
- ALL PROPOSED SIGNAGE SHALL CONFORM WITH THE TOWN ZONING REGULATIONS, UNLESS APPROVED AS PART OF THIS APPLICATION.
- ALL SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) AND MASSDOT STANDARDS AND SPECIFICATIONS, UNLESS OTHERWISE NOTED.
- ALL PARKING STALLS SHALL BE SEPARATED USING 4" WIDE SOLID STRIPES. STRIPING SHALL HAVE TWO COATS OF PAINT, ALKYD BASED SYNTHETIC RESIN, FEDERAL SPECIFICATION TTP-115 TYPE 1 IN A COLOR OF WHITE (OR APPROVED EQUAL).
- ALL NEW CURBING TO BE INSTALLED BY RADIUS AND MATERIALS AS NOTED ON THE LAYOUT AND MATERIALS SHEETS C4.1 - C4.2 ON THE SITE PLAN.
- ALL BUILDING DIMENSIONS SHALL BE VERIFIED WITH THE ARCHITECTURAL AND STRUCTURAL PLANS PROVIDED BY THE OWNER. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND OWNER PRIOR TO THE START OF CONSTRUCTION. BUILDING DIMENSIONS ARE MEASURED TO THE OUTSIDE OF THE FOUNDATION UNLESS OTHERWISE NOTED.
- SNOW TO BE STORED AT EDGE OF PAVEMENT, UNLESS OTHERWISE DESIGNATED. ALL SNOW IN EXCESS OF THESE DESIGNATIONS SHALL BE TRUCKED OFF SITE TO AN APPROVED SNOW DUMPING LOCATION.
- SNOW STORAGE IS NOT LIMITED TO THE AREAS DENOTED IN THE LAYOUT AND MATERIALS PLANS. ALL SNOW STORAGE SHALL BE A MINIMUM OF 50' FROM ANY WETLAND.
- ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RULES AND REGULATIONS.
- ALL ACCESSIBLE RAMPS SHALL HAVE A SLOPE OF 1:12 OR LESS, BE FITTED WITH A DETECTABLE WARNING PANEL, AND HAVE VERTICAL TO FLUSH TRANSITION CURB ON BOTH SIDES OF THE LEVEL LANDING EXITING THE SIDEWALK.
- ALL PROPOSED RETAINING WALLS ARE SHOWN FOR LOCATION AND GRADING PURPOSES ONLY. EACH RETAINING WALL IS TO BE DESIGNED BY OTHERS. HOWARD STEIN HUDSON TAKES NO RESPONSIBILITY OVER THE DESIGN OF THE RETAINING WALLS DEPICTED HEREIN.

GRADING AND DRAINAGE NOTES:

- UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN PLOTTED FROM FIELD OBSERVATION AND THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. NEITHER HOWARD STEIN HUDSON, NOR ANY OTHER EMPLOYEES TAKE RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES AND/OR UTILITIES NOT SHOWN THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND STRUCTURES AND/OR UTILITIES LOCATED PRIOR TO EXCAVATION WORK BY CALLING 888-DIG-SAFE
- ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
- SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED. REFER TO THE CONSTRUCTION SEQUENCE.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO HAVE THE PROJECTS LAND SURVEYOR STAKE OR FLAG CLEARING LIMITS AND PROPERTY LINES. A MINIMUM OF 72 HOURS NOTICE IS REQUIRED.
- ALL SWALES, INFILTRATION PONDS, AND OTHER SURFACE STORMWATER FACILITIES ARE TO BE STABILIZED PRIOR TO ACCEPTING RUNOFF.
- PROPOSED RIM ELEVATIONS OF DRAINAGE STRUCTURES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISH GRADES.
- ALL DRAINAGE AND SANITARY STRUCTURES INTERIOR DIAMETERS (4' MIN) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS. CATCH BASINS SHALL HAVE 4' DEEP SUMPS WITH GREASE HOODS, UNLESS OTHERWISE NOTED.
- ALL DRAINAGE STRUCTURES SHALL BE PRECAST, UNLESS OTHERWISE SPECIFIED. SEE DETAIL SHEETS FOR DRAINAGE DETAILS.
- IN AREAS WHERE CONSTRUCTION IS PROPOSED ADJACENT TO ABUTTING PROPERTIES, THE CONTRACTOR SHALL INSTALL ORANGE CONSTRUCTION FENCING ALONG PROPERTY LINES IN ALL AREAS WHERE EROSION CONTROL IS NOT REQUIRED.
- LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY ALL GOVERNING AUTHORITIES. THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE EPA SWPPP DURING CONSTRUCTION OPERATIONS.
- ALL EXPOSED AREAS SHALL BE SEEDED AS SPECIFIED WITHIN 3 DAYS OF FINAL GRADING.
- SHOULD CONSTRUCTION STOP FOR LONGER THAN 14 DAYS, THE SITE SHALL BE SEEDED AS SPECIFIED.
- THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE, AS THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SEDIMENT FROM LEAVING THE SITE.
- CONSTRUCTION VEHICLES SHALL UTILIZE THE STABILIZED CONSTRUCTION ENTRANCE TO THE EXTENT POSSIBLE THROUGHOUT CONSTRUCTION. IF THE INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
- SEDIMENT SHALL BE REMOVED FROM ALL SEDIMENT BASINS BEFORE THEY ARE 25% FULL.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED, IF DEEMED NECESSARY BY ON-SITE INSPECTION BY ENGINEER AND/OR REGULATORY OFFICIALS.
- MONITORING WELLS ARE TO BE PROVIDED AT EACH INFILTRATION BASIN PER THE REQUIREMENT OF THE MASSACHUSETTS STORMWATER HANDBOOK.

UTILITY NOTES:

- THE CONTRACTOR SHALL PROVIDE A MINIMUM NOTICE OF FOURTEEN (14) DAYS TO ALL CORPORATIONS, COMPANIES, AND/OR LOCAL AUTHORITIES OWNING OR HAVING A JURISDICTION OVER UTILITIES RUNNING TO, THROUGH OR ACROSS PROJECT AREAS PRIOR TO DEMOLITION AND/OR CONSTRUCTION ACTIVITIES.
- THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED UTILITY SERVICES SHALL BE TO THE STANDARDS AND REQUIREMENTS OF THE RESPECTIVE UTILITY COMPANY (ELECTRIC, TELEPHONE, CABLE TELEVISION, WATER, GAS AND SEWER).
- A PRECONSTRUCTION MEETING SHALL BE HELD WITH THE OWNER, ENGINEER, ARCHITECT, CONTRACTOR, LOCAL OFFICIALS, AND ALL PROJECT-RELATED UTILITY COMPANIES (PUBLIC AND PRIVATE) PRIOR TO START OF CONSTRUCTION.
- BUILDINGS TO BE SERVICED BY UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND DISCONNECT ALL EXISTING SERVICE CONNECTIONS AT THEIR RESPECTIVE MAINS IN ACCORDANCE WITH THE RESPECTIVE UTILITY COMPANY'S STANDARDS AND SPECIFICATIONS. ENGINEER TO BE NOTIFIED.
- AS-BUILT PLANS SHALL BE SUBMITTED TO THE ALL MUNICIPAL DEPARTMENTS SPECIFIED BY CONDITIONS OF APPROVAL.
- CONTRACTOR SHALL PLACE 2" WIDE METAL WIRE IMPREGNATED RED PLASTIC WARNING TAPE OVER ENTIRE LENGTH OF ALL GRAVITY SEWERS, SERVICES, AND FORCE MAINS.
- ALL SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS.
- PROPOSED RIM ELEVATIONS OF DRAINAGE AND SANITARY MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISHED GRADES. ADJUST ALL OTHER RIM ELEVATIONS OF MANHOLES, WATER GATES, AND OTHER UTILITIES TO FINISHED GRADE AS SHOWN ON THE GRADING AND DRAINAGE PLAN.
- WATER MAINS SHALL BE HYDROSTATICALLY PRESSURE TESTED FOR LEAKAGE PRIOR TO ACCEPTANCE.
- THRUST BLOCKS SHALL BE INSTALLED AT ALL BENDS, TEES, MECHANICAL JOINTS, AND FIRE HYDRANTS.
- DIMENSIONS ARE SHOWN TO CENTERLINE OF PIPE OR FITTING.
- CONTRACTOR TO FURNISH SHOP DRAWINGS FOR UTILITY RELATED ITEMS TO ENSURE CONFORMANCE WITH THE PLANS AND SPECIFICATIONS. SHOP DRAWINGS SHOULD BE SENT IN TRIPLICATE TO THE DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- EXISTING UTILITIES SHALL BE DIGSAFED AND PRIVATE UTILITY LOCATOR SERVICES SHOULD BE UTILIZED PRIOR TO CONSTRUCTION.
- ALL FIRE SUPPRESSION WATER LINES SHALL HAVE TESTABLE BACKFLOW PREVENTERS AT THE ENTRANCE TO EACH BUILDING.
- ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
- ALL FIRE HYDRANTS SHALL BE PROVIDED WITH AN APPROVED GATE VALVE.
- THE CONTRACTOR SHALL MAINTAIN WATER SERVICE TO USERS AT ALL TIMES. REQUIREMENTS BY THE TOWN WATER DEPARTMENT REGARDING NOTIFICATION FOR INTERRUPTION OF SERVICE SHOULD BE INCLUDED (TYPICALLY 24 HOURS) AND ALLOWABLE INTERRUPTION DURATION. WATER TESTING AND DISINFECTION REQUIREMENTS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- ALL WATER AND SEPTIC INSTALLATION SHALL BE COORDINATED AND IN ACCORDANCE WITH THE TOWN OF WRENTHAM, MA
- GAS SERVICES NOT SHOWN ON PLAN AND WILL BE DETERMINED AT A LATER DATE.



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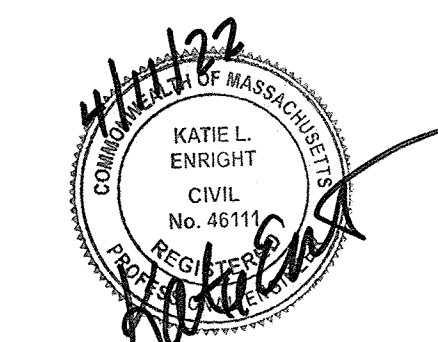
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REVISIONS:

NO	BY	DATE	DESCRIPTION



SITE PLAN

NOTES AND REFERENCES

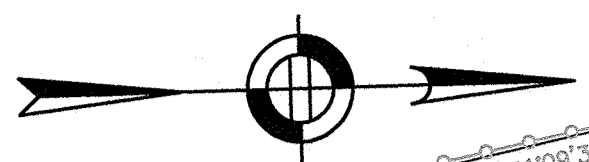
TOWN OF WRENTHAM - PLANNING BOARD	
SIGNATURE	DATE

DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE

C1.2

LEGEND

- CONCRETE BOUND
 - DRILL HOLE FOUND
 - IRON ROD FOUND
 - IRON PIPE FOUND
 - STONE BOUND WITH DRILL HOLE
 - STONE BOUND
 - CATCH BASIN
 - DRAIN MANHOLE
 - UNKNOWN MANHOLE
 - < CULVERT
 - UTILITY POLE
 - UTILITY POLE WITH LIGHT
 - UTILITY POLE WITH LIGHT AND TRANSFORMER
 - DECIDUOUS TREE
 - CONIFER TREE
 - SHRUB
 - POST
 - FLAG POLE
 - MAILBOX
 - EOP EDGE OF PAVEMENT
 - BC BITUMINOUS CURB
 - VGC VERTICAL GRANITE CURB
 - CRW CONCRETE RETAINING WALL
 - SWL SOLID WHITE LINE
 - DYL DOUBLE YELLOW LINE
 - (R) RECORD INFORMATION
- ABUTTERS LOT LINE
 - PROPERTY LINE
 - LINE OF COMMON OWNERSHIP
 - DEED LINE
 - CHAIN LINK FENCE
 - ×-×-×-×-× BARB WIRE FENCE
 - METAL/WIRE FENCE
 - METAL GUARDRAIL
 - STONE WALL
 - SHRUB LINE
 - TREE LINE
 - INTERMEDIATE CONTOURS
 - INDEX CONTOURS
 - WETLAND LINE
 - OVERHEAD WIRES
 - RECORD DRAIN LINE
 - RECORD WATER LINE

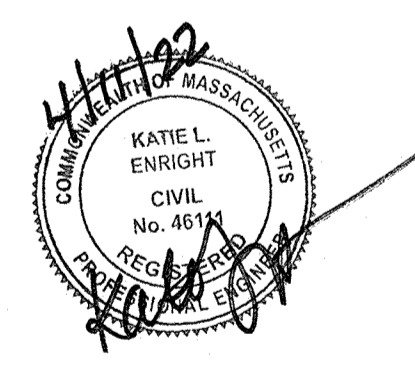


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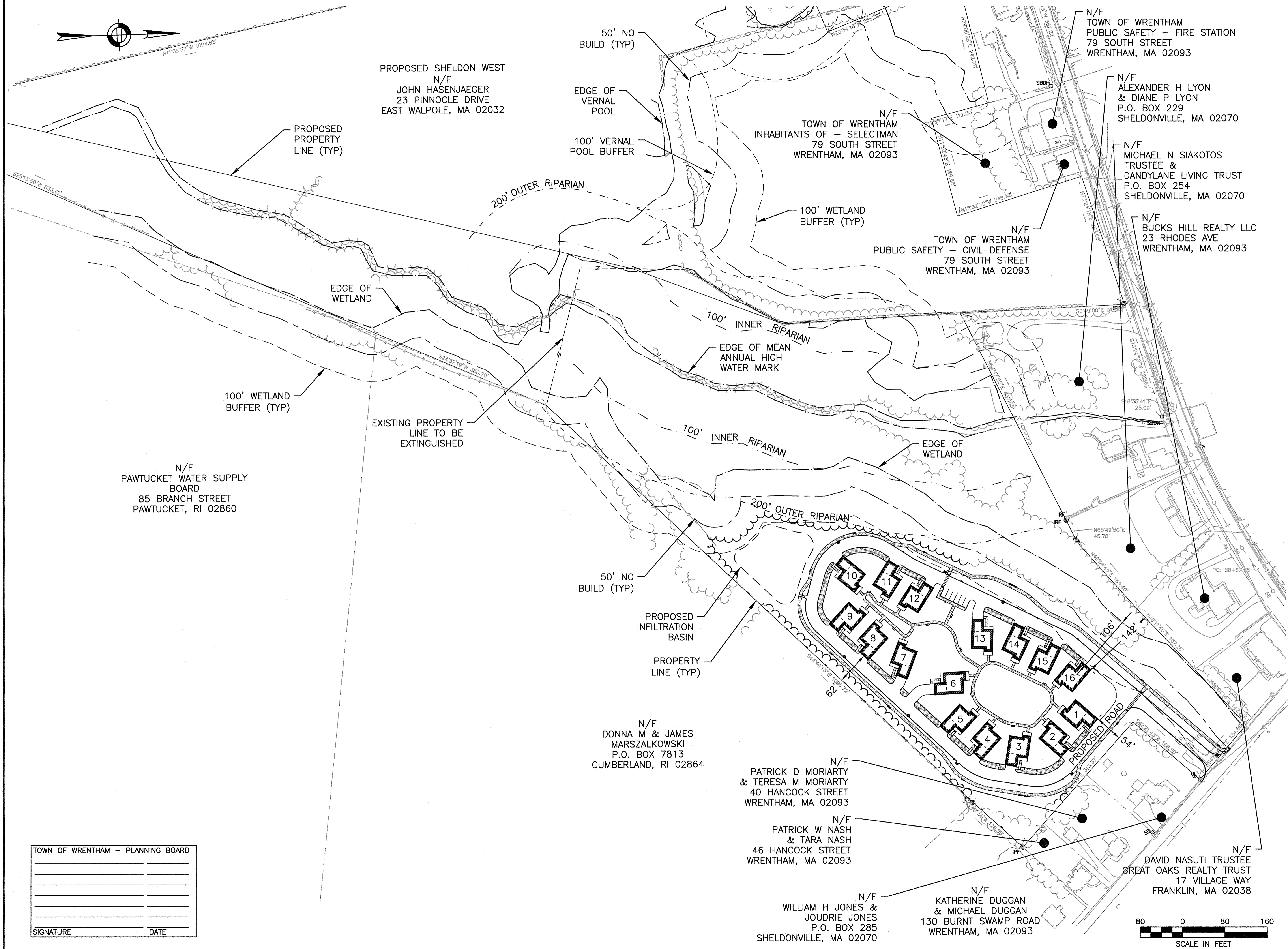
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SITE PLAN

LOCUS MAP

DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE



PROPOSED SHELDON WEST
 N/F
 JOHN HASENJAEGER
 23 PINNACLE DRIVE
 EAST WALPOLE, MA 02032

N/F
 TOWN OF WRENTHAM
 INHABITANTS OF - SELECTMAN
 79 SOUTH STREET
 WRENTHAM, MA 02093

N/F
 TOWN OF WRENTHAM
 PUBLIC SAFETY - FIRE STATION
 79 SOUTH STREET
 WRENTHAM, MA 02093

N/F
 ALEXANDER H LYON
 & DIANE P LYON
 P.O. BOX 229
 SHELDONVILLE, MA 02070

N/F
 MICHAEL N SIAKOTOS
 TRUSTEE &
 DANDYLANE LIVING TRUST
 P.O. BOX 254
 SHELDONVILLE, MA 02070

N/F
 TOWN OF WRENTHAM
 PUBLIC SAFETY - CIVIL DEFENSE
 79 SOUTH STREET
 WRENTHAM, MA 02093

N/F
 BUCKS HILL REALTY LLC
 23 RHODES AVE
 WRENTHAM, MA 02093

N/F
 PAWTUCKET WATER SUPPLY
 BOARD
 85 BRANCH STREET
 PAWTUCKET, RI 02860

50' NO
 BUILD (TYP)

PROPOSED
 INFILTRATION
 BASIN

N/F
 DONNA M & JAMES
 MARSZALKOWSKI
 P.O. BOX 7813
 CUMBERLAND, RI 02864

N/F
 PATRICK D MORIARTY
 & TERESA M MORIARTY
 40 HANCOCK STREET
 WRENTHAM, MA 02093

N/F
 PATRICK W NASH
 & TARA NASH
 46 HANCOCK STREET
 WRENTHAM, MA 02093

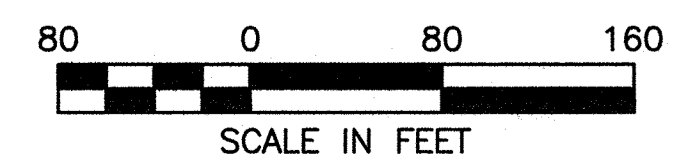
N/F
 WILLIAM H JONES &
 JOUDRIE JONES
 P.O. BOX 285
 SHELDONVILLE, MA 02070

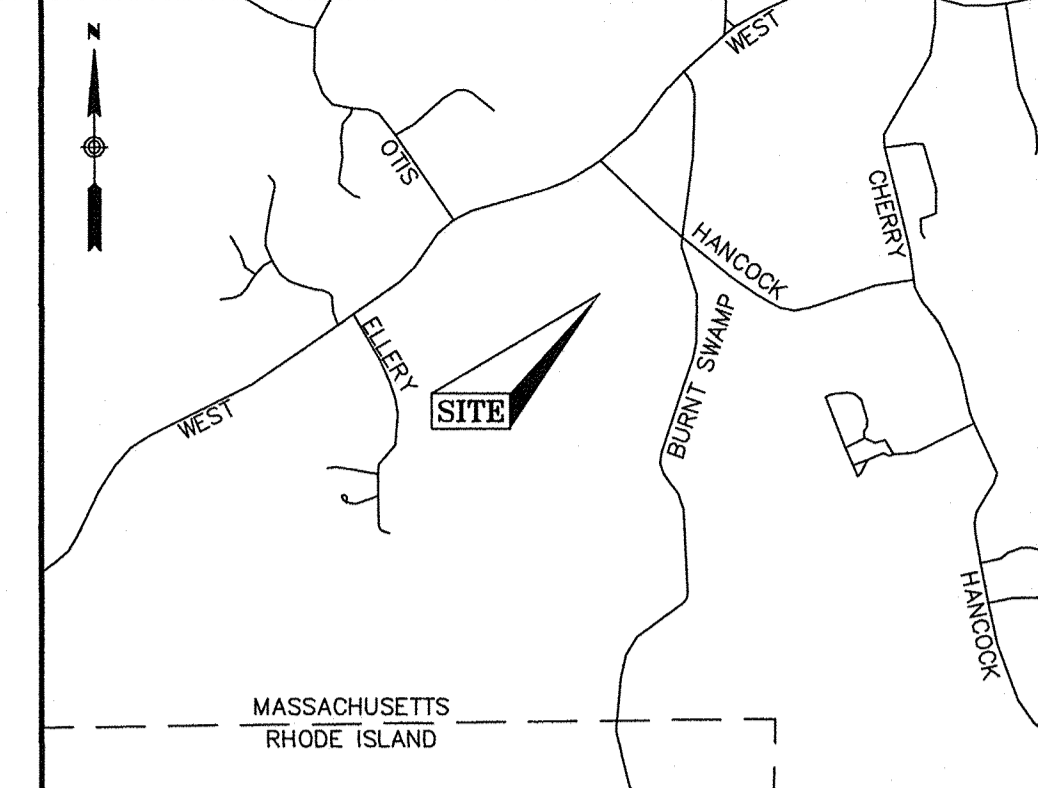
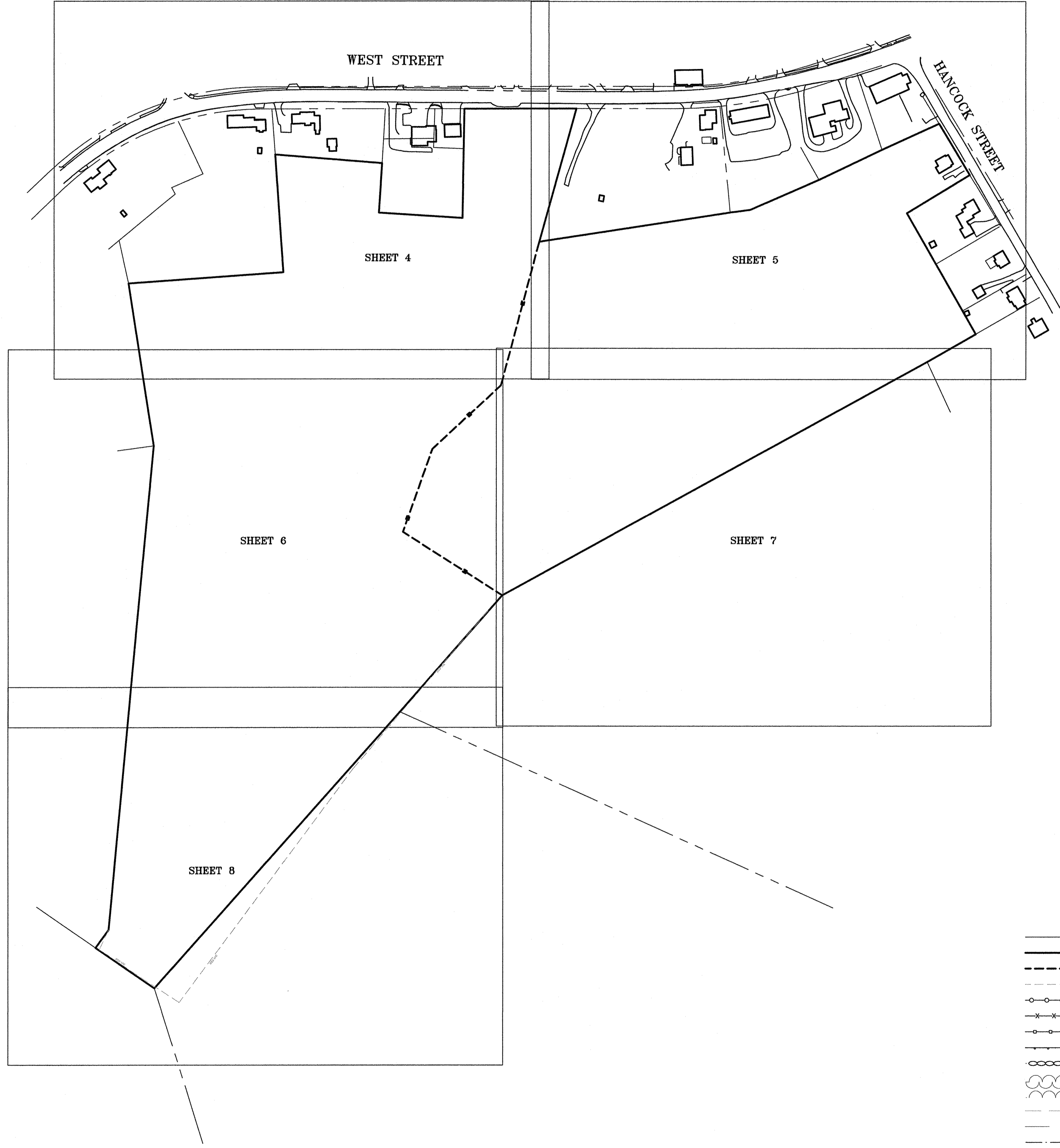
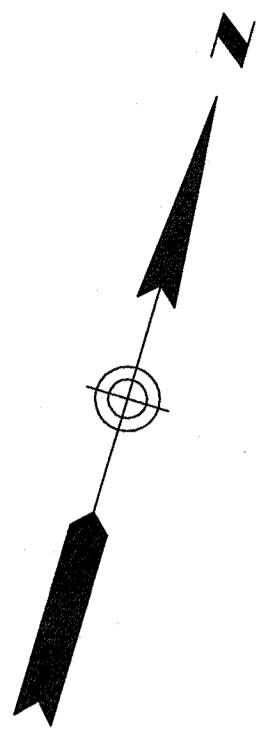
N/F
 KATHERINE DUGGAN
 & MICHAEL DUGGAN
 130 BURNT SWAMP ROAD
 WRENTHAM, MA 02093

N/F
 DAVID NASUTI TRUSTEE
 GREAT OAKS REALTY TRUST
 17 VILLAGE WAY
 FRANKLIN, MA 02038

TOWN OF WRENTHAM - PLANNING BOARD

SIGNATURE	DATE





LOCUS MAP
(N.T.S.)

- NOTES**
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LEGEND

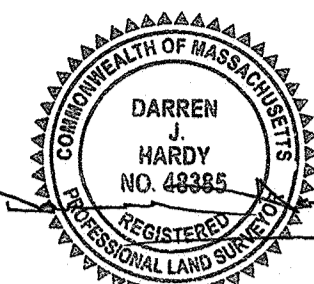
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CERTIFICATION:

DARREN J. HARDY, P.L.S. APRIL 20, 2021
REG. NO. 48385
WSP USA, Inc.

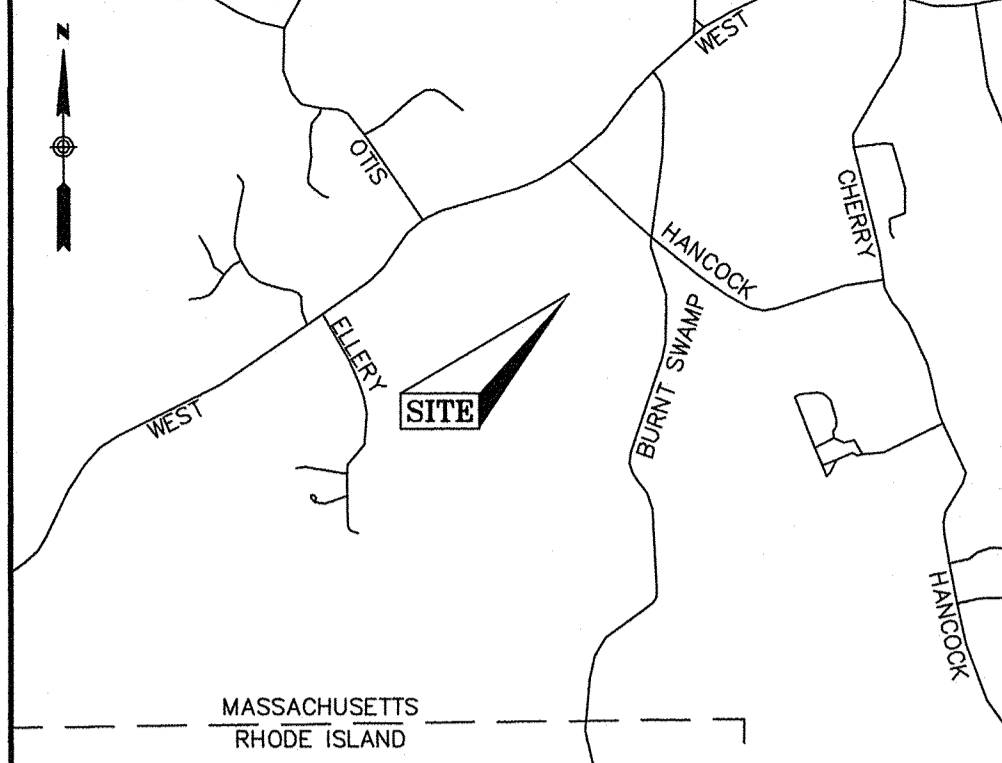
REVISION		
DATE	DESCRIPTION	
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EXISTING CONDITIONS PLAN		
20 HANCOCK & 1139 WEST STREET WRENTHAM, MASSACHUSETTS PREPARED FOR HOWARD STEIN HUDSON		
		WSP USA Inc. 9 Executive Park Dr, Suite 101 Merrimack, NH 03054 603.324.0855
Drawn By	MS	Date
Surveyed By	JL,RZ	APRIL 20, 2021
Checked By	DPP	Scale
Book No.	M-5	1" = 150'
Job No.	190240M	Sheet No.
		3

CERTIFICATION:



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WSP USA, Inc.

APRIL 20, 2021



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(N.T.S.)**

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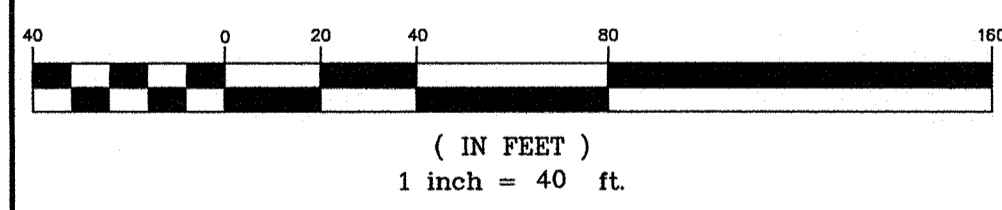
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GRAPHIC SCALE

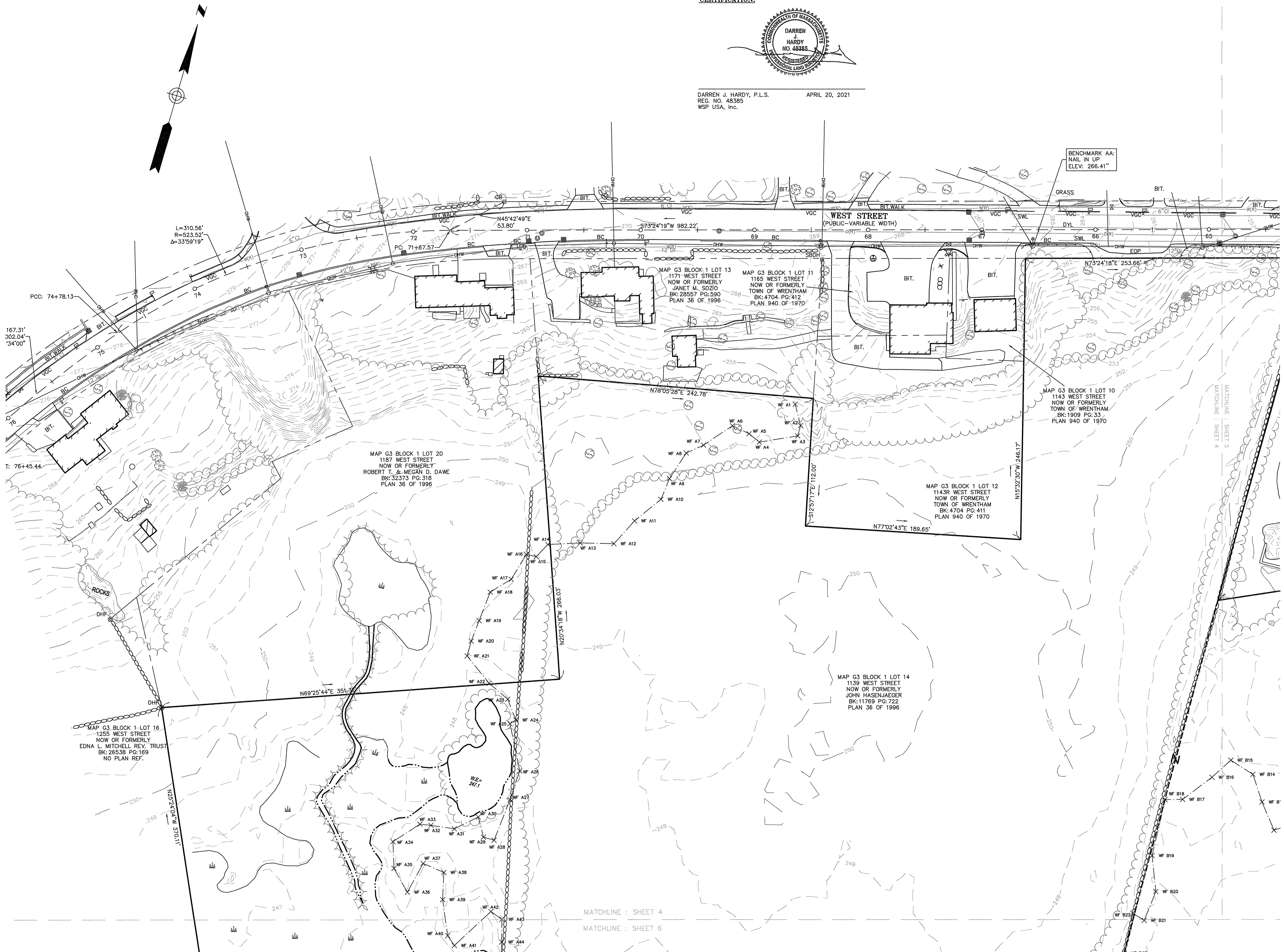


REVISION

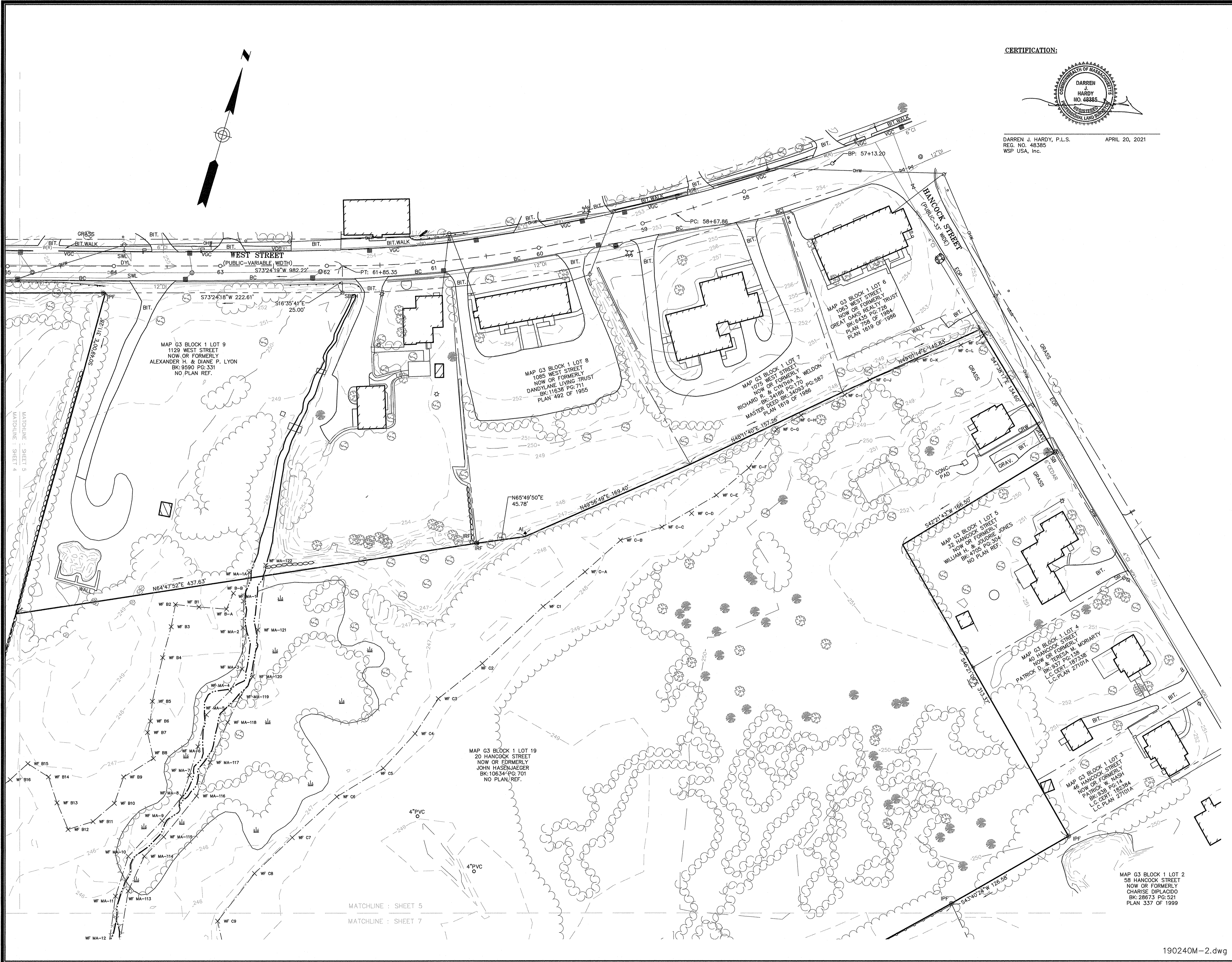
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EXISTING CONDITIONS PLAN
20 HANCOCK & 1139 WEST STREET
WRENTHAM, MASSACHUSETTS
PREPARED FOR
HOWARD STEIN HUDSON

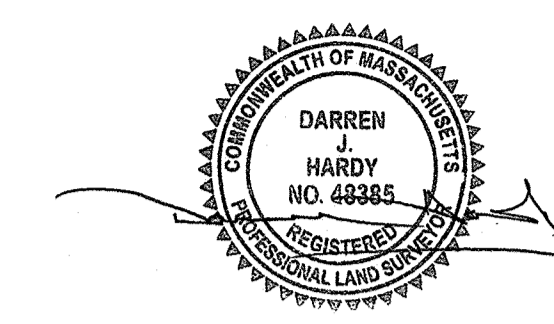
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Surveyed By	JL,RZ	Checked By	DPP	Scale	1" = 40'
Book No.	M-5	Sheet No.	4		



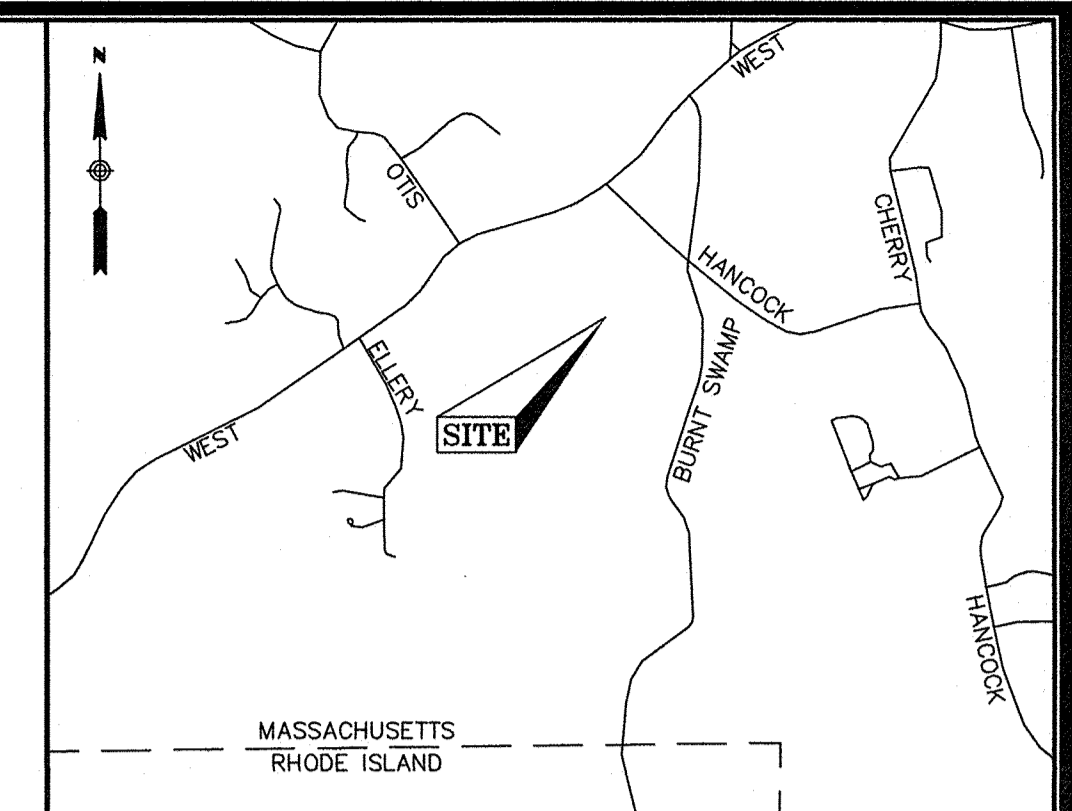
MATCHLINE : SHEET 4
MATCHLINE : SHEET 6



CERTIFICATION:



DARREN J. HARDY, P.L.S.
REG. NO. 48385
WSP USA, Inc.
APRIL 20, 2021



LOCUS MAP
(N.T.S.)

NOTES

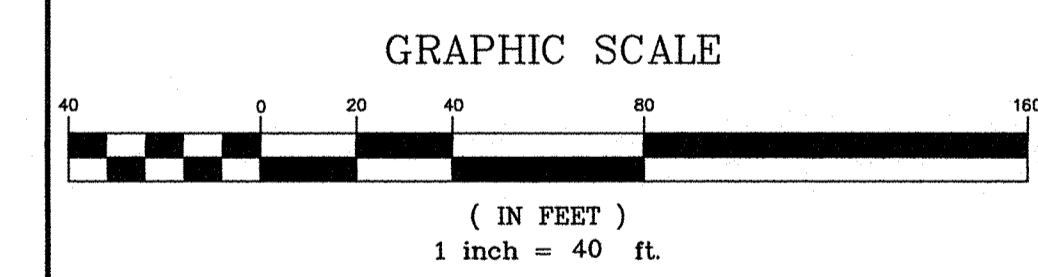
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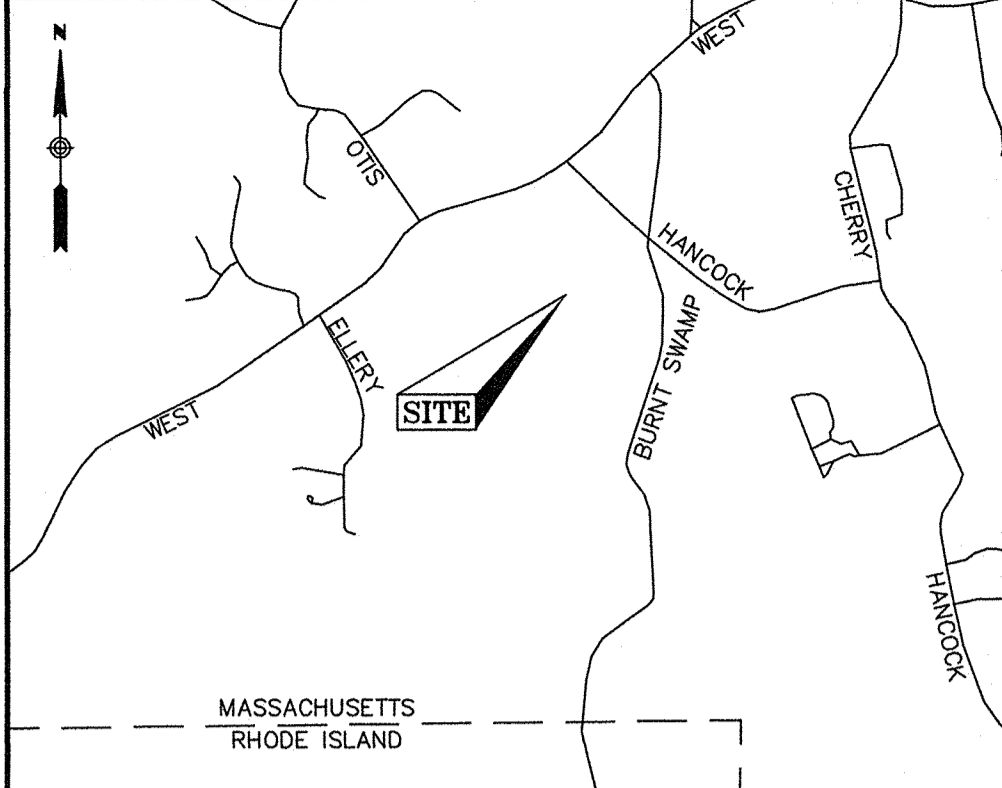


REVISION	
DATE	DESCRIPTION

EXISTING CONDITIONS PLAN
20 HANCOCK & 1139 WEST STREET
WRENTHAM, MASSACHUSETTS
PREPARED FOR
HOWARD STEIN HUDSON

WSP USA Inc.
9 Executive Park Dr, Suite 101
Merrimack, NH 03054
603.324.0885

Drawn By	MS	Date	APRIL 20, 2021	Job No.	190240M
Surveyed By	JL,RZ	Scale	1" = 40'	Sheet No.	5
Checked By	DPP				
Book No.	M-5				



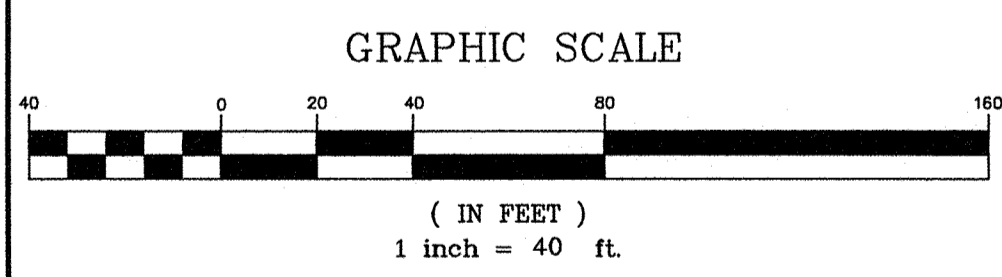
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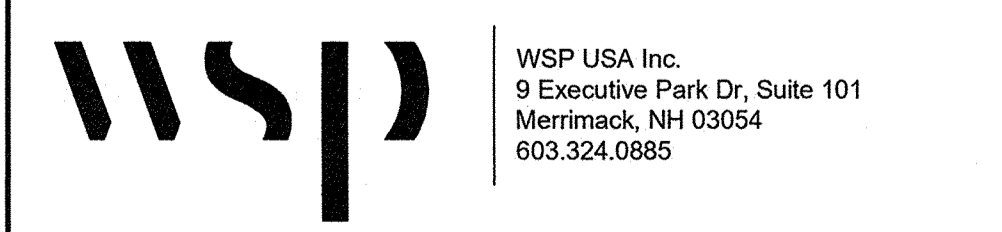
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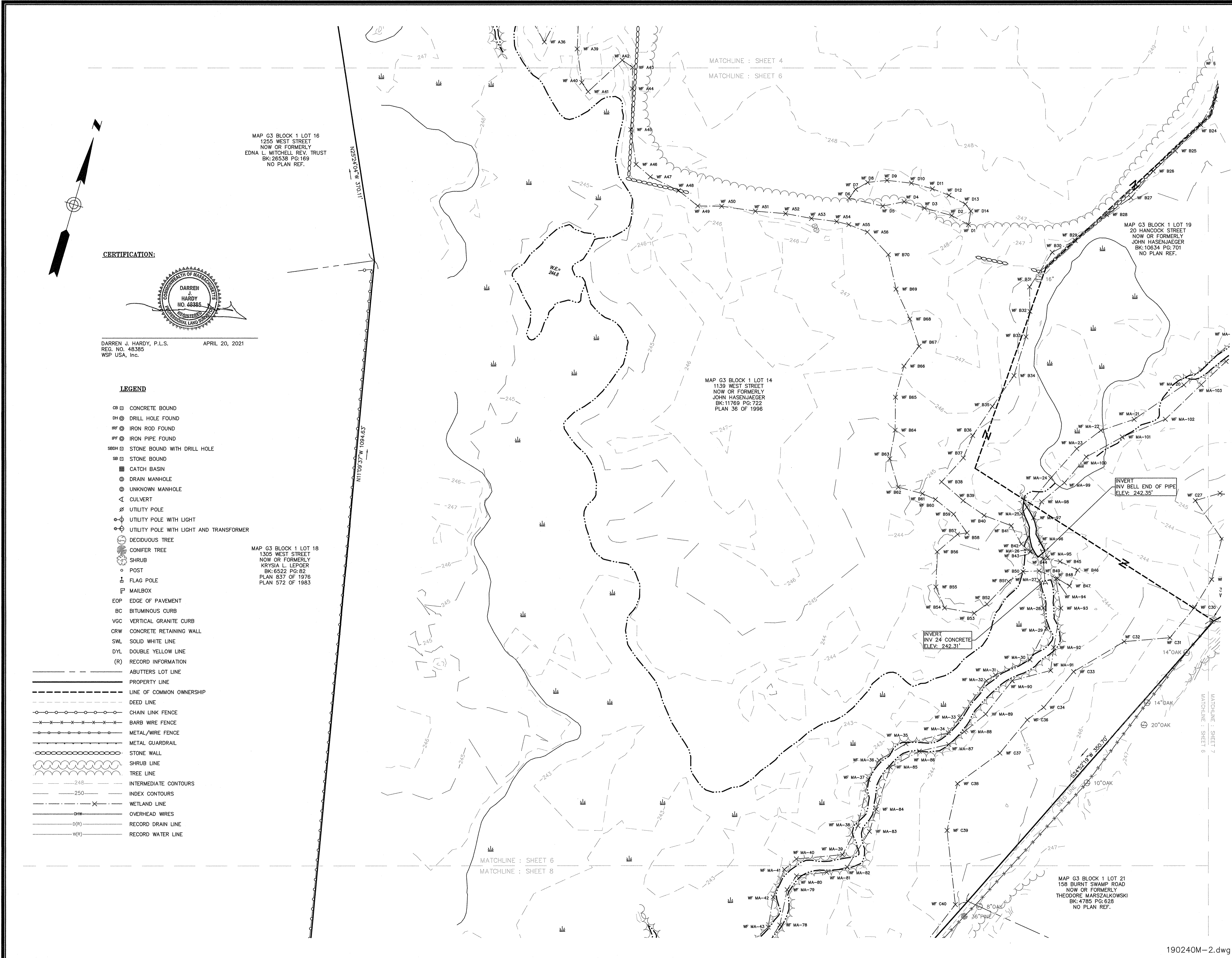


REVISION	DATE	DESCRIPTION

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Drawn By	MS	Date	APRIL 20, 2021	Job No.	190240M
Surveyed By	JL,RZ	Scale	1" = 40'	Sheet No.	6
Checked By	DPP	Book No.	M-5		



MAP G3 BLOCK 1 LOT 16
 1255 WEST STREET
 NOW OR FORMERLY
 EDNA L. MITCHELL REV. TRUST
 BK: 26538 PG: 169
 NO PLAN REF.

MATCHLINE : SHEET 4
 MATCHLINE : SHEET 6

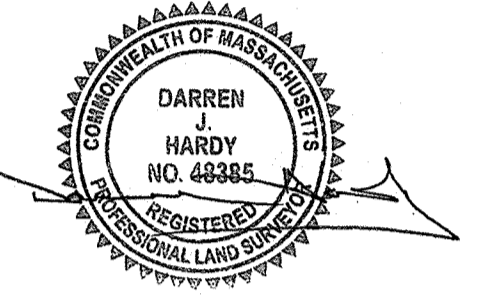
MAP G3 BLOCK 1 LOT 14
 1139 WEST STREET
 NOW OR FORMERLY
 JOHN HASENJAEGER
 BK: 11769 PG: 722
 PLAN 36 OF 1996

MAP G3 BLOCK 1 LOT 18
 1305 WEST STREET
 NOW OR FORMERLY
 KRYSIA L. LEPOER
 BK: 6522 PG: 62
 PLAN 837 OF 1976
 PLAN 572 OF 1983

MAP G3 BLOCK 1 LOT 21
 158 BURNT SWAMP ROAD
 NOW OR FORMERLY
 THEODORE MARSZALKOWSKI
 BK: 4785 PG: 628
 NO PLAN REF.

MATCHLINE : SHEET 6
 MATCHLINE : SHEET 8

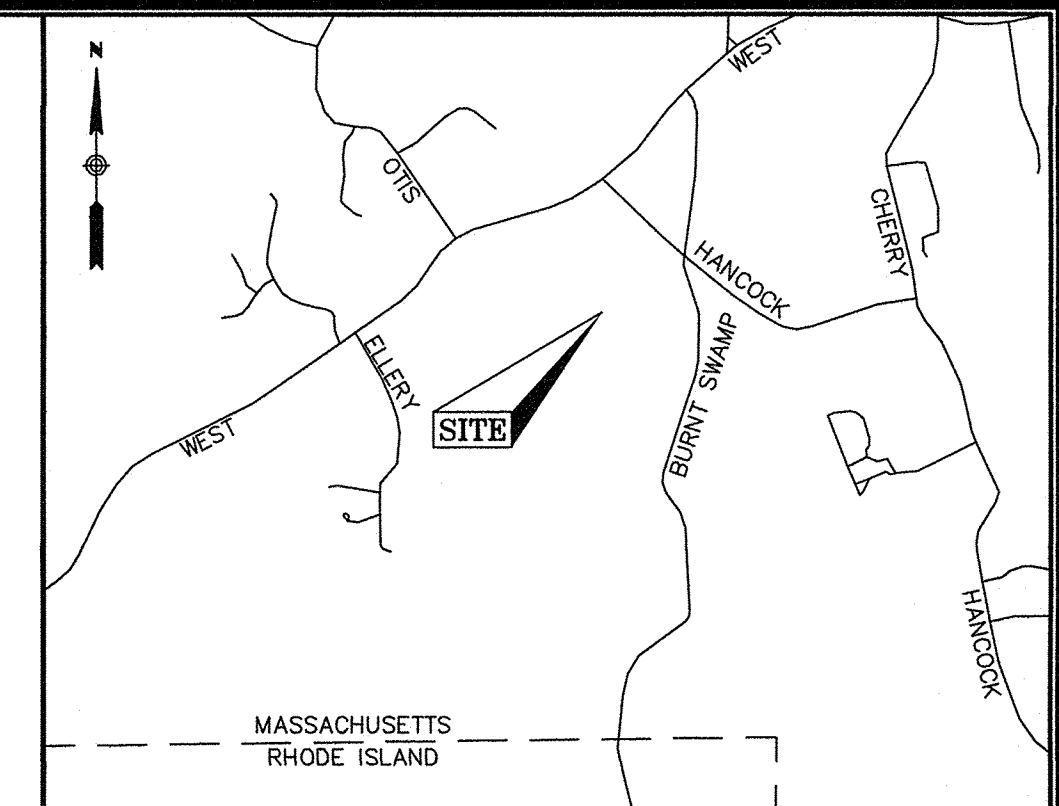
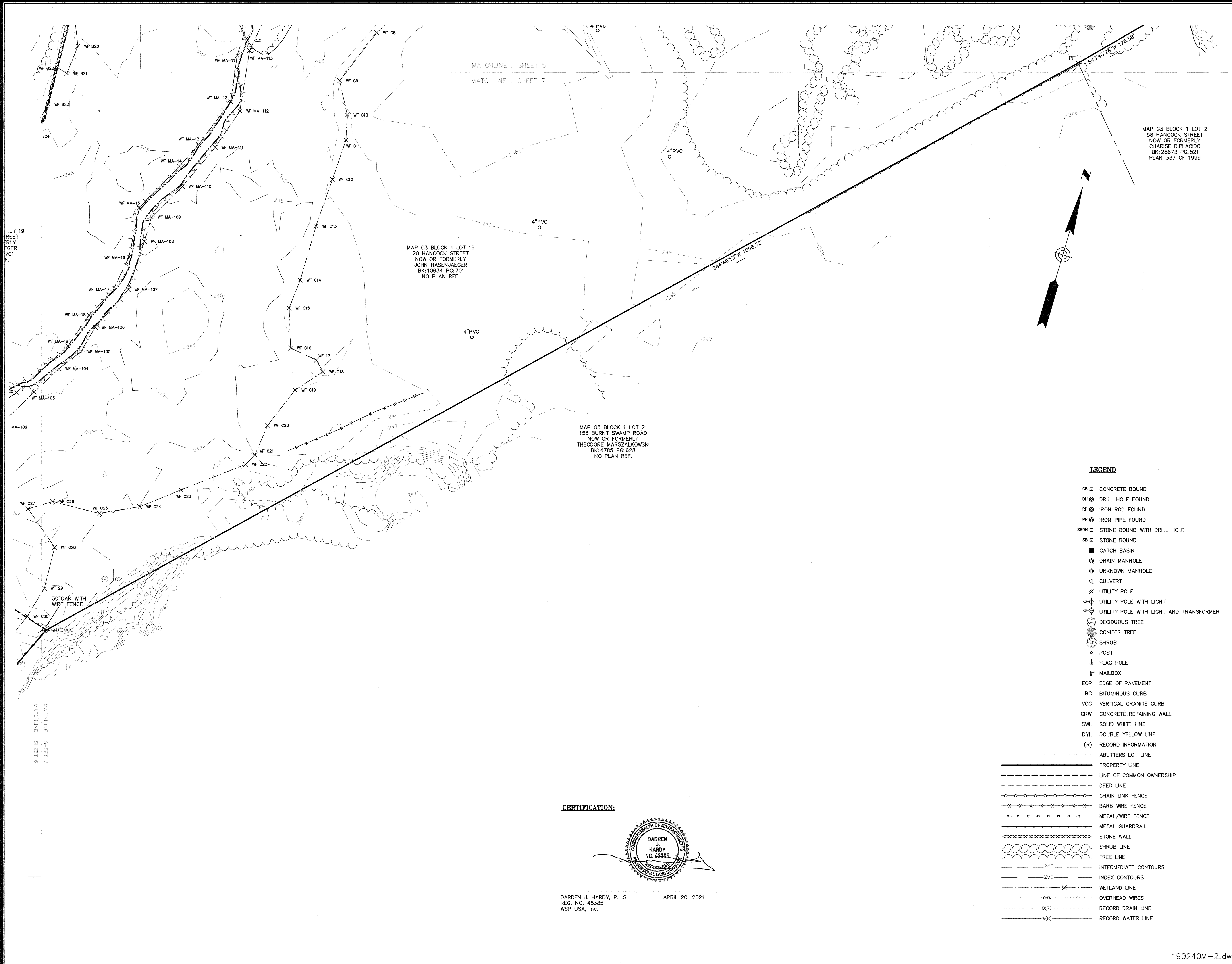
CERTIFICATION:



DARREN J. HARDY, P.L.S. APRIL 20, 2021
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 WSP USA, Inc.

LEGEND

- CB CONCRETE BOUND
- CH DRILL HOLE FOUND
- IF IRON ROD FOUND
- IP IRON PIPE FOUND
- SBH STONE BOUND WITH DRILL HOLE
- SB STONE BOUND
- CATCH BASIN
- DM DRAIN MANHOLE
- UM UNKNOWN MANHOLE
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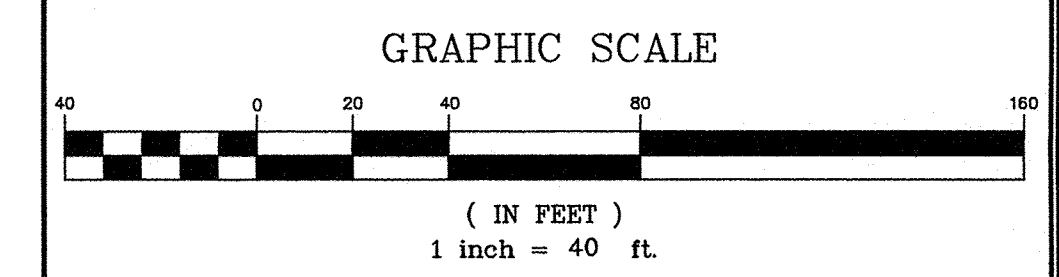
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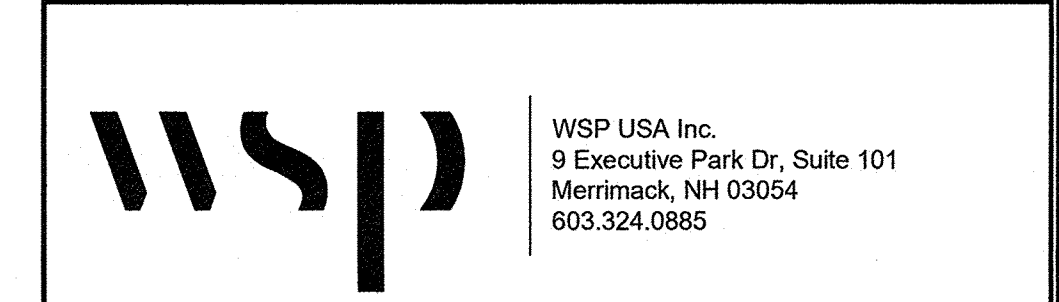
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- WETLAND LINE
- OVERHEAD WIRES
- (R) --- RECORD DRAIN LINE
- (R) --- RECORD WATER LINE



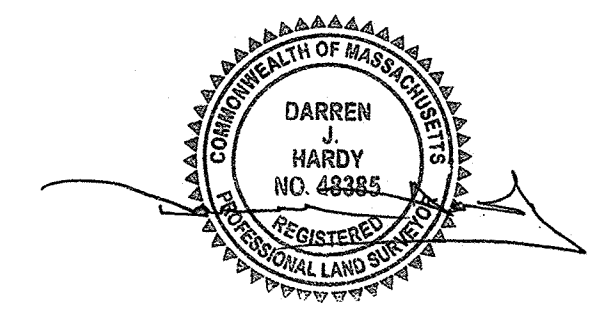
REVISION	DATE	DESCRIPTION

EXISTING CONDITIONS PLAN
 20 HANCOCK & 1139 WEST STREET
 WRENTHAM, MASSACHUSETTS
 PREPARED FOR
HOWARD STEIN HUDSON

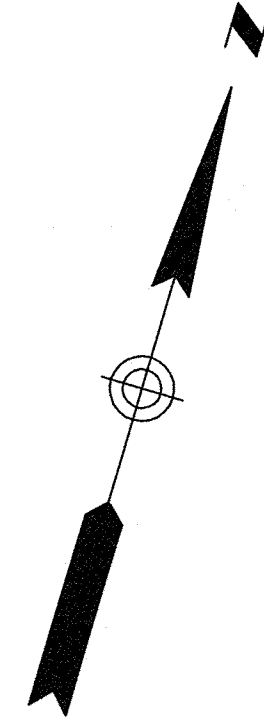


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Surveyed By	JL,RZ	Scale	1" = 40'	Sheet No.	7
Checked By	DPP	Book No.	M-5		

CERTIFICATION:



DARREN J. HARDY, P.L.S. APRIL 20, 2021
 REG. NO. 48385
 WSP USA, Inc.



MATCHLINE : SHEET 6
MATCHLINE : SHEET 8

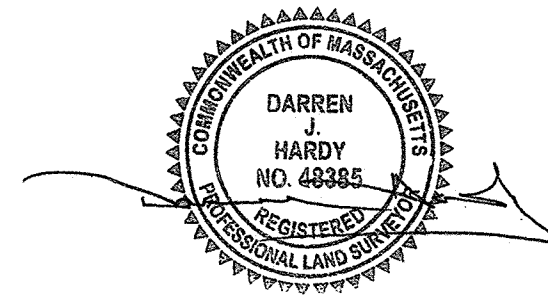
MAP G3 BLOCK 1 LOT 21
158 BURN'T SWAMP ROAD
NOW OR FORMERLY
THEODORE MARZALKOWSKI
BK:4785 PG:828
NO PLAN REF.

MAP G3 BLOCK 1 LOT 14
1139 WEST STREET
NOW OR FORMERLY
JOHN HASENJAEGER
BK:11769 PG:722
PLAN 36 OF 1996

MAP G2 BLOCK 1 LOT 17
200 BURN'T SWAMP ROAD
NOW OR FORMERLY
PAWTUCKET WATER SUPPLY
BK:11562 PG:686
PLAN 507 OF 1996

MAP G2 BLOCK 1 LOT 6
175 ELLERY STREET
NOW OR FORMERLY
PAWTUCKET WATER SUPPLY
BK:6764 PG:516
NO PLAN REF.

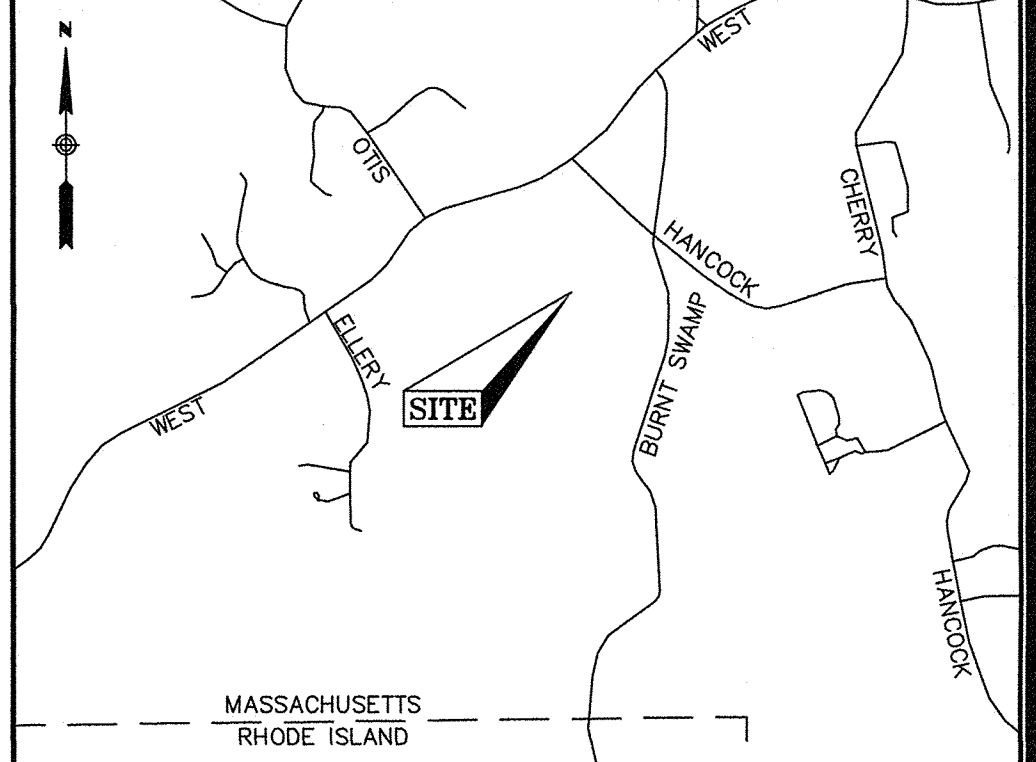
CERTIFICATION:



DARREN J. HARDY, P.L.S. APRIL 20, 2021
REG. NO. 48385
WSP USA, Inc.

LEGEND

- CR □ CONCRETE BOUND
- DH ⊙ DRILL HOLE FOUND
- RF ⊙ IRON ROD FOUND
- IP ⊙ IRON PIPE FOUND
- SB ⊙ STONE BOUND WITH DRILL HOLE
- SB □ STONE BOUND
- CATCH BASIN
- ⊙ DRAIN MANHOLE
- ⊙ UNKNOWN MANHOLE
- ∠ CULVERT
- ∩ UTILITY POLE
- ⊙ UTILITY POLE WITH LIGHT
- ⊙ UTILITY POLE WITH LIGHT AND TRANSFORMER
- ⊙ DECIDUOUS TREE
- ⊙ CONIFER TREE
- ⊙ SHRUB
- POST
- ⊥ FLAG POLE
- ⊥ MAILBOX
- EOP EDGE OF PAVEMENT
- BC BITUMINOUS CURB
- VOC VERTICAL GRANITE CURB
- CRW CONCRETE RETAINING WALL
- SWL SOLID WHITE LINE
- DYL DOUBLE YELLOW LINE
- (R) RECORD INFORMATION
- ABUTTERS LOT LINE
- PROPERTY LINE
- LINE OF COMMON OWNERSHIP
- DEED LINE
- ○ ○ ○ ○ CHAIN LINK FENCE
- × × × × × BARB WIRE FENCE
- ○ ○ ○ ○ METAL/WIRE FENCE
- METAL GUARDRAIL
- STONE WALL
- SHRUB LINE
- TREE LINE
- INTERMEDIATE CONTOURS
- INDEX CONTOURS
- WETLAND LINE
- OVERHEAD WIRES
- (R) RECORD DRAIN LINE
- (R) RECORD WATER LINE

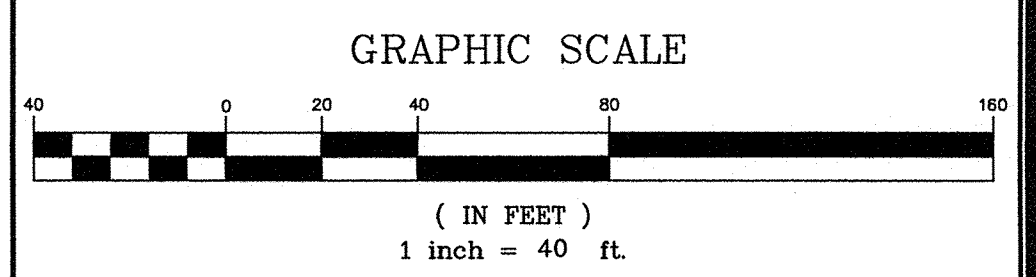


LOCUS MAP (N.T.S.)

- NOTES**
- THIS PLAN WAS PREPARED FROM A COMBINATION OF AERIAL MAPPING AND AN ACTUAL ON THE GROUND FIELD SURVEY CONDUCTED BY WSP IN DECEMBER OF 2019 AND JANUARY AND FEBRUARY OF 2020. ADDITIONAL WETLAND FLAGS AND INFORMATION OBTAINED FROM AERIAL MAPPING WAS ADDED IN APRIL OF 2021.
 - THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, MASSACHUSETTS STATE PLANE MAINLAND COORDINATE SYSTEM AND WAS ESTABLISHED UTILIZING RTK GPS SURVEY TECHNIQUES REFERENCING THE MACORS GPS NETWORK.
 - THE VERTICAL DATUM SHOWN HEREON REFERENCES NAVD 88 AND WAS ESTABLISHED ON SITE UTILIZING RTK GPS SURVEY TECHNIQUES REFERENCING THE MACORS GPS NETWORK.
 - THE SURVEYED PROPERTY IS SUBJECT BUT NOT LIMITED TO THE INFORMATION SHOWN HEREON. ALL INFORMATION THAT MAY AFFECT THE QUALITY OF THE TITLE TO BOTH THE SUBJECT AND ADJOINING PARCELS SHOULD BE VERIFIED BY AN ACCURATE AND CURRENT TITLE REPORT. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT.
 - THE UNDERGROUND UTILITY INFORMATION SHOWN HEREON LABELED WITH AN (R) ARE FROM RECORD DOCUMENTS. ADDITIONAL FIELD INVESTIGATION WILL BE REQUIRED BY OTHERS TO DETERMINE THE ACTUAL PIPE SIZE(S) AND TYPE(S).
 - THE WETLAND FLAGS SHOWN HEREON WERE FLAGGED BY OTHERS AND LOCATED IN THE FIELD BY WSP AT THE TIME OF THE SURVEY.

- UTILITY STATEMENTS**
- THE LOCATION OF THE UTILITIES AS SHOWN HEREON HAVE BEEN COMPILED FROM VISIBLE STRUCTURES AND INFORMATION OBTAINED FROM VARIOUS SOURCES. THE ACTUAL LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY THE OWNER PRIOR TO ANY CONSTRUCTION. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICES OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.

- PLAN REFERENCES**
- NORFOLK COUNTY REGISTRY OF DEEDS
- PLAN 36 OF 1996
 - PLAN 202 OF 1989
 - PLAN 337 OF 1999
 - PLAN 402 OF 1989
 - PLAN 492 OF 1955
 - PLAN 507 OF 1996
 - PLAN 940 OF 1970
 - PLAN 758 OF 1984
 - PLAN 1619 OF 1986
 - LAND COURT PLAN NO. 27101A
 - 1925 COUNTY LAYOUT OF WEST STREET

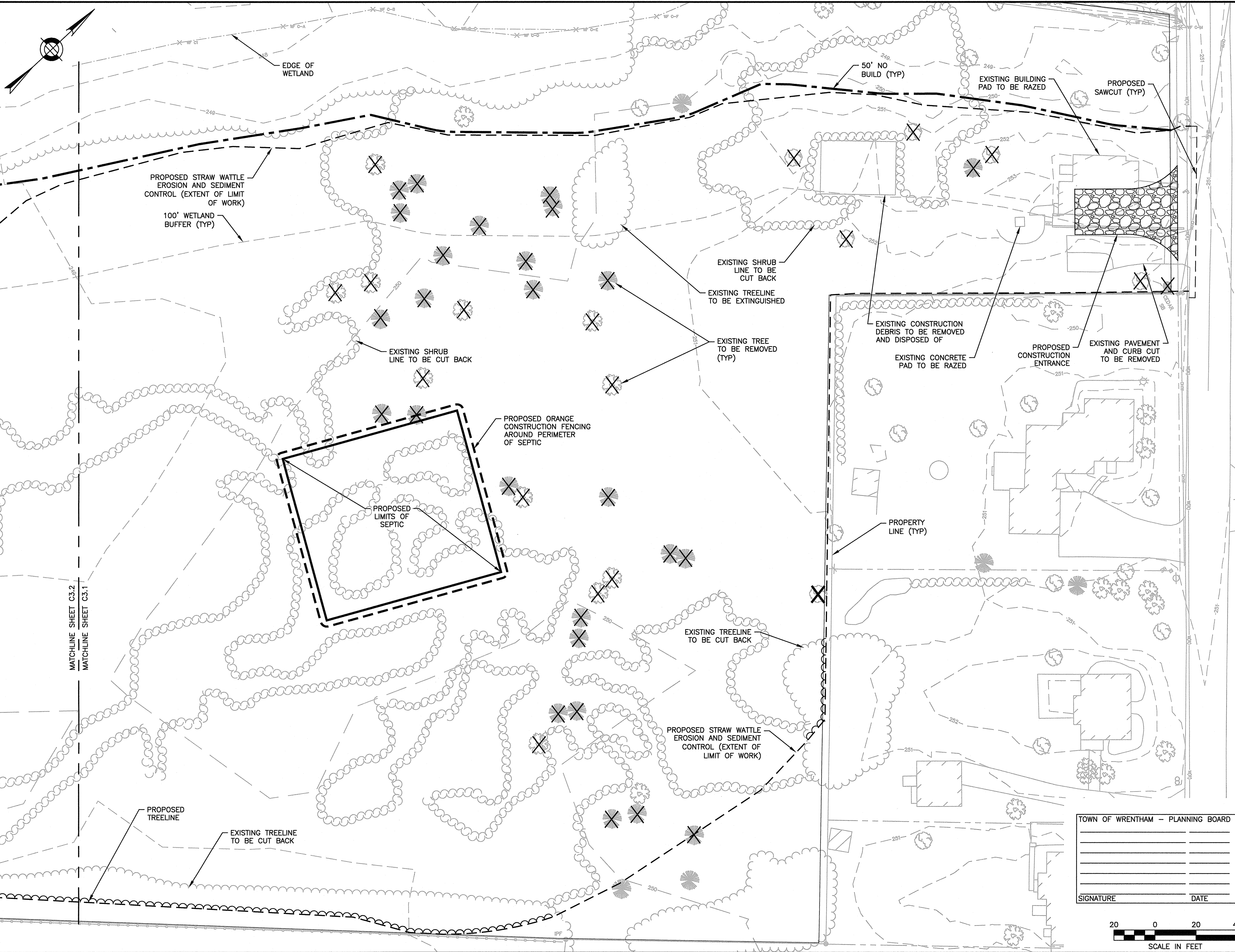


REVISION	DATE	DESCRIPTION

EXISTING CONDITIONS PLAN
 20 HANCOCK & 1139 WEST STREET
 WRENTHAM, MASSACHUSETTS
 PREPARED FOR
 HOWARD STEIN HUDSON



Drawn By	MS	Date	APRIL 20, 2021	Job No.	190240M
Surveyed By	JL,RZ	Scale	1" = 40'	Sheet No.	8
Checked By	DPP	Book No.	M-5		



PREPARED FOR:
 SHELDON MEADOW, LLC.
 480 TURNPIKE STREET
 SOUTH EASTON, MA 02375

SHELDON MEADOW
 20 HANCOCK STREET
 WRENTHAM, MA 02093
 NORFOLK COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION



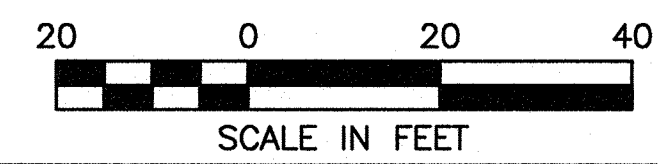
SITE PLAN

DEMOLITION AND EROSION CONTROL SHEET 1 OF 2

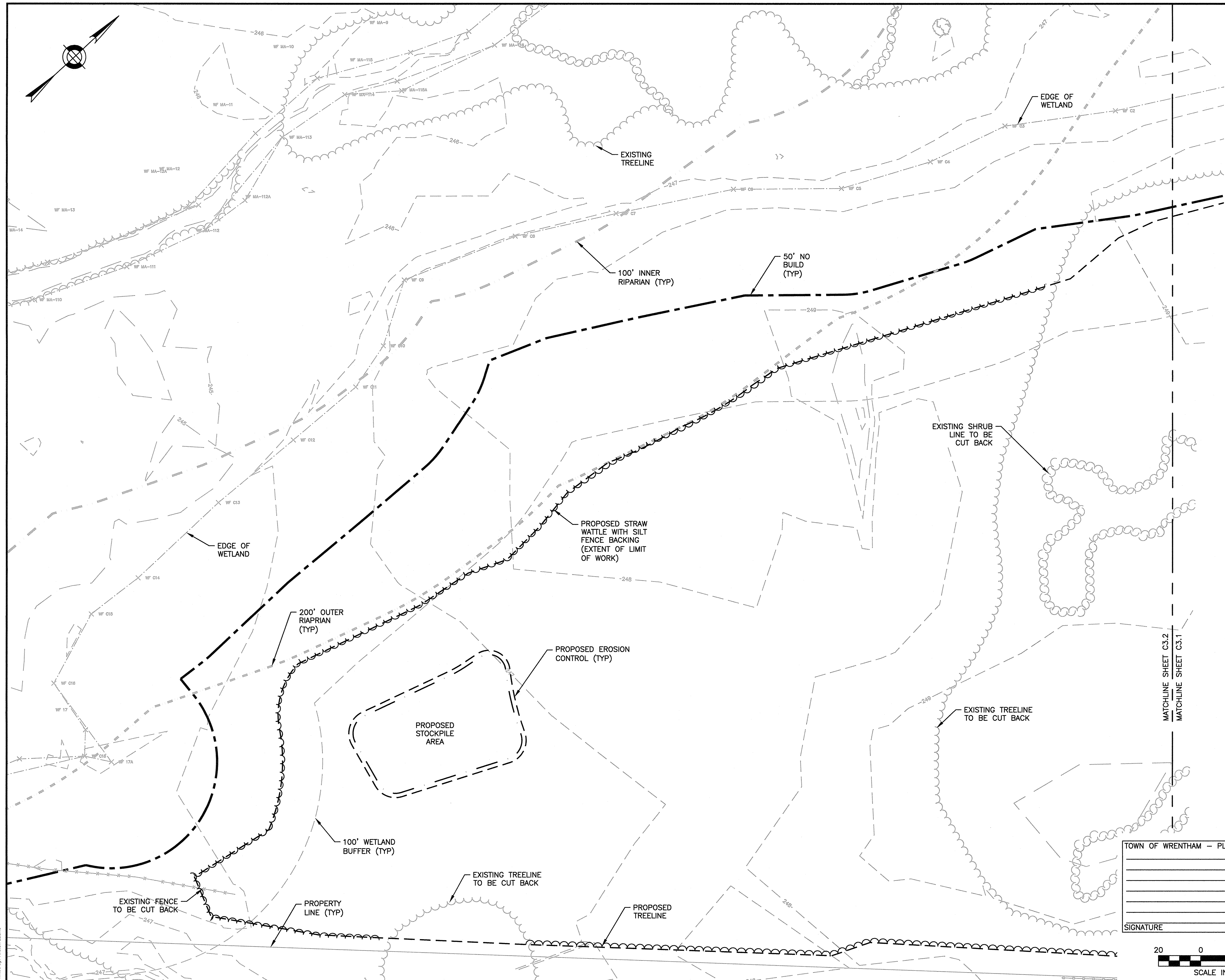
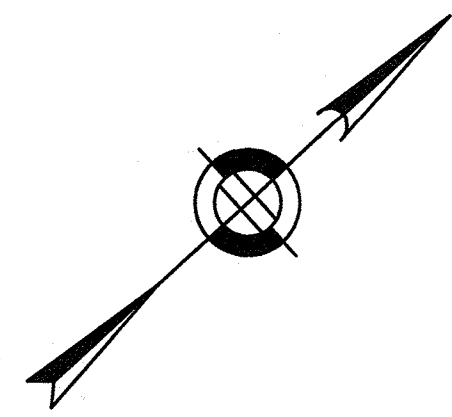
DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE

TOWN OF WRENTHAM - PLANNING BOARD

SIGNATURE	DATE



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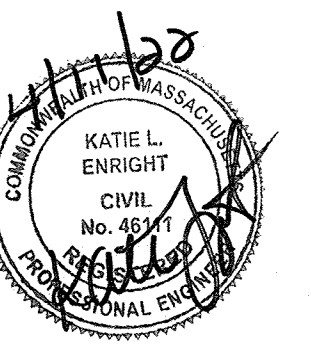
PREPARED FOR:

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480 TURNPIKE STREET
SOUTH EASTON, MA 02375

SHELDON MEADOW
20 HANCOCK STREET
WRENTHAM, MA 02093
NORFOLK COUNTY

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SITE PLAN

DEMOLITION AND EROSION CONTROL SHEET 2 OF 2

DATE: APRIL 11, 2022

PROJECT NUMBER: 19227.01

DESIGNED BY: KL/KF/MB

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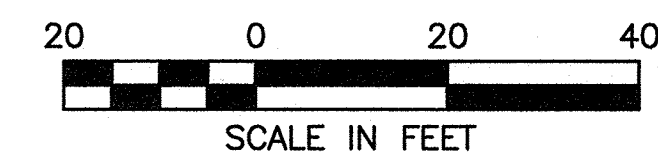
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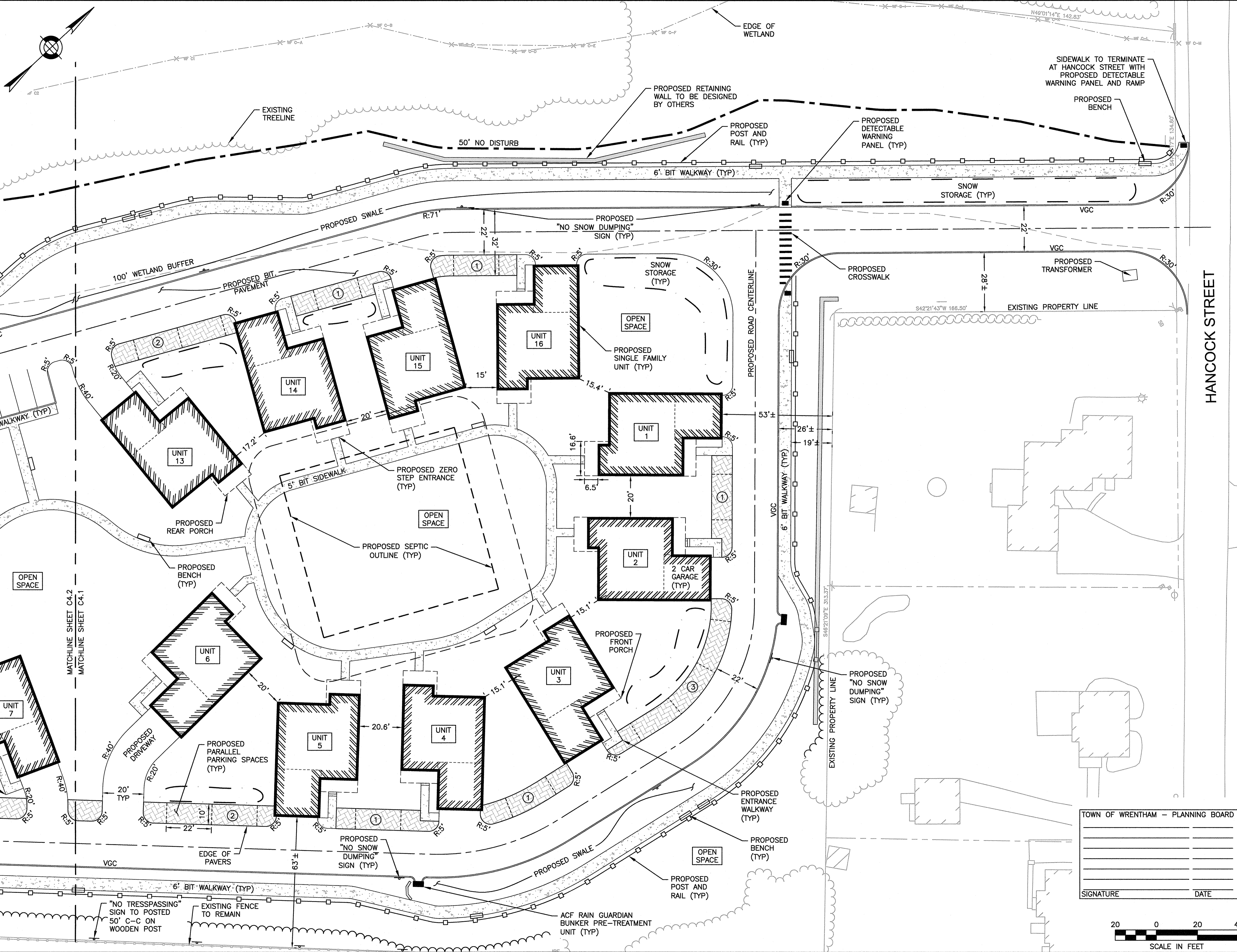
SHEET 11 OF 34

TOWN OF WRENTHAM - PLANNING BOARD

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 WRENTHAM, MA 02093
 NORFOLK COUNTY

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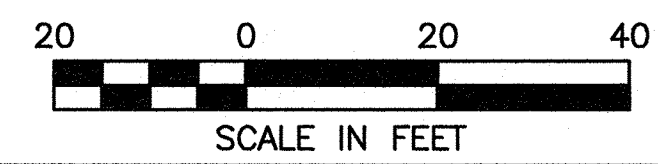
SITE PLAN

LAYOUT AND MATERIALS
 SHEET
 1 OF 2

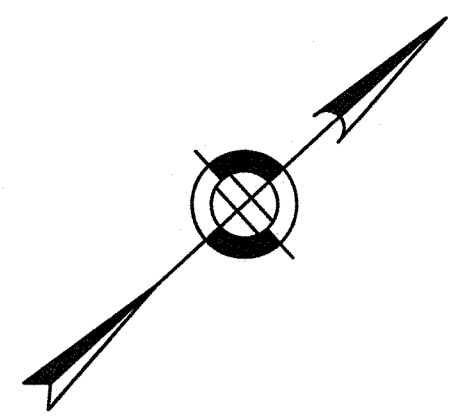
TOWN OF WRENTHAM - PLANNING BOARD

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PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE

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 Printed by: Arden Labrie

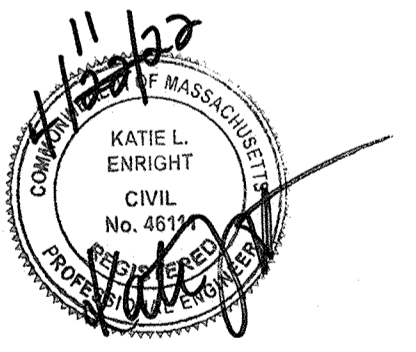


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 NORFOLK COUNTY

REVISIONS:

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SITE PLAN

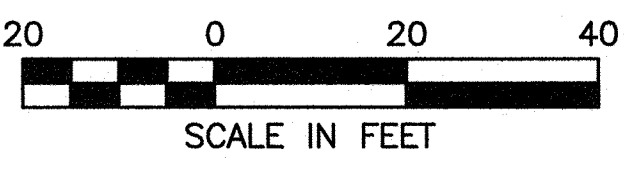
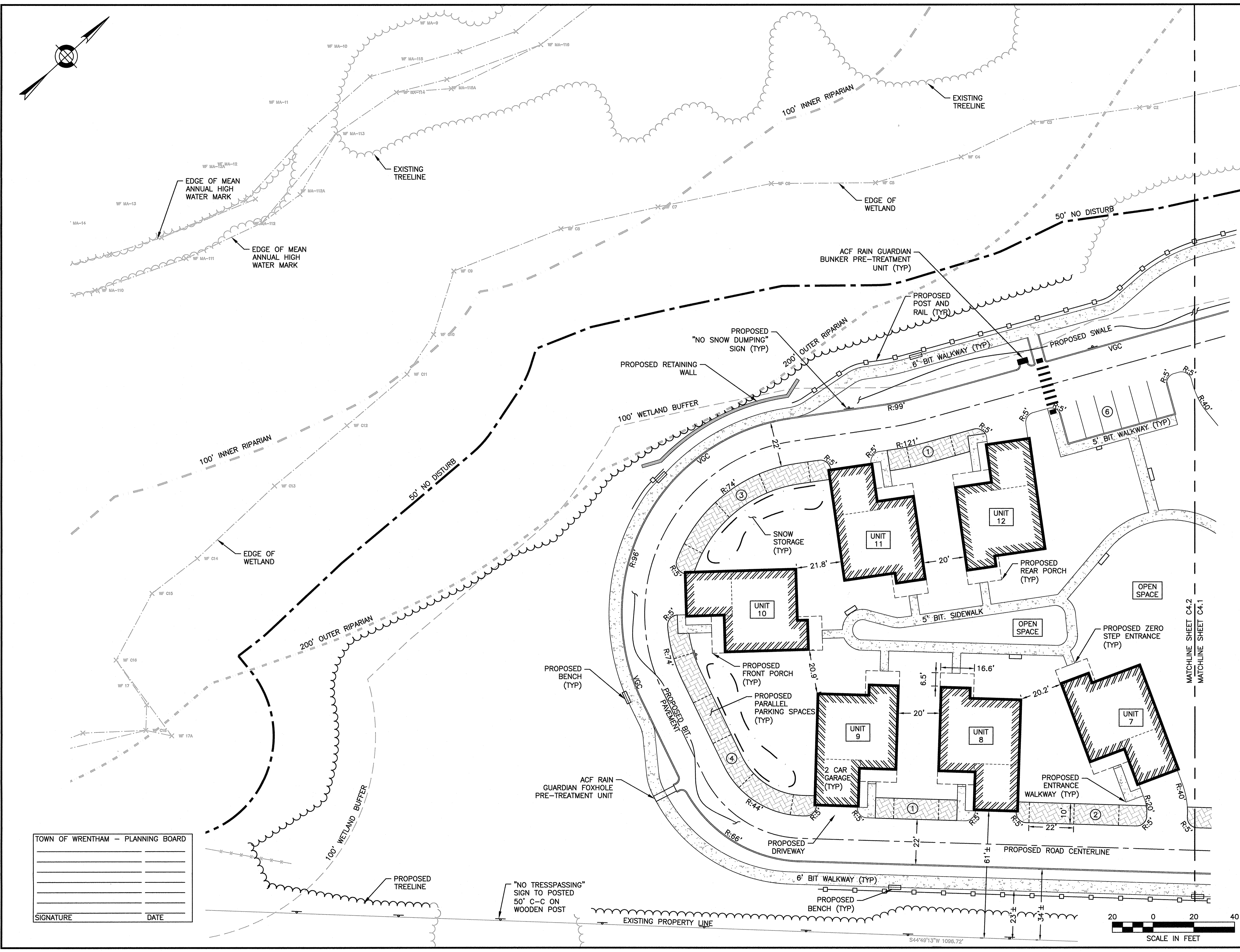
LAYOUT AND MATERIALS
SHEET 2 OF 2

DATE: APRIL 11, 2022
 PROJECT NUMBER: 19227.01
 DESIGNED BY: KL/KF/MB
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TOWN OF WRENTHAM - PLANNING BOARD

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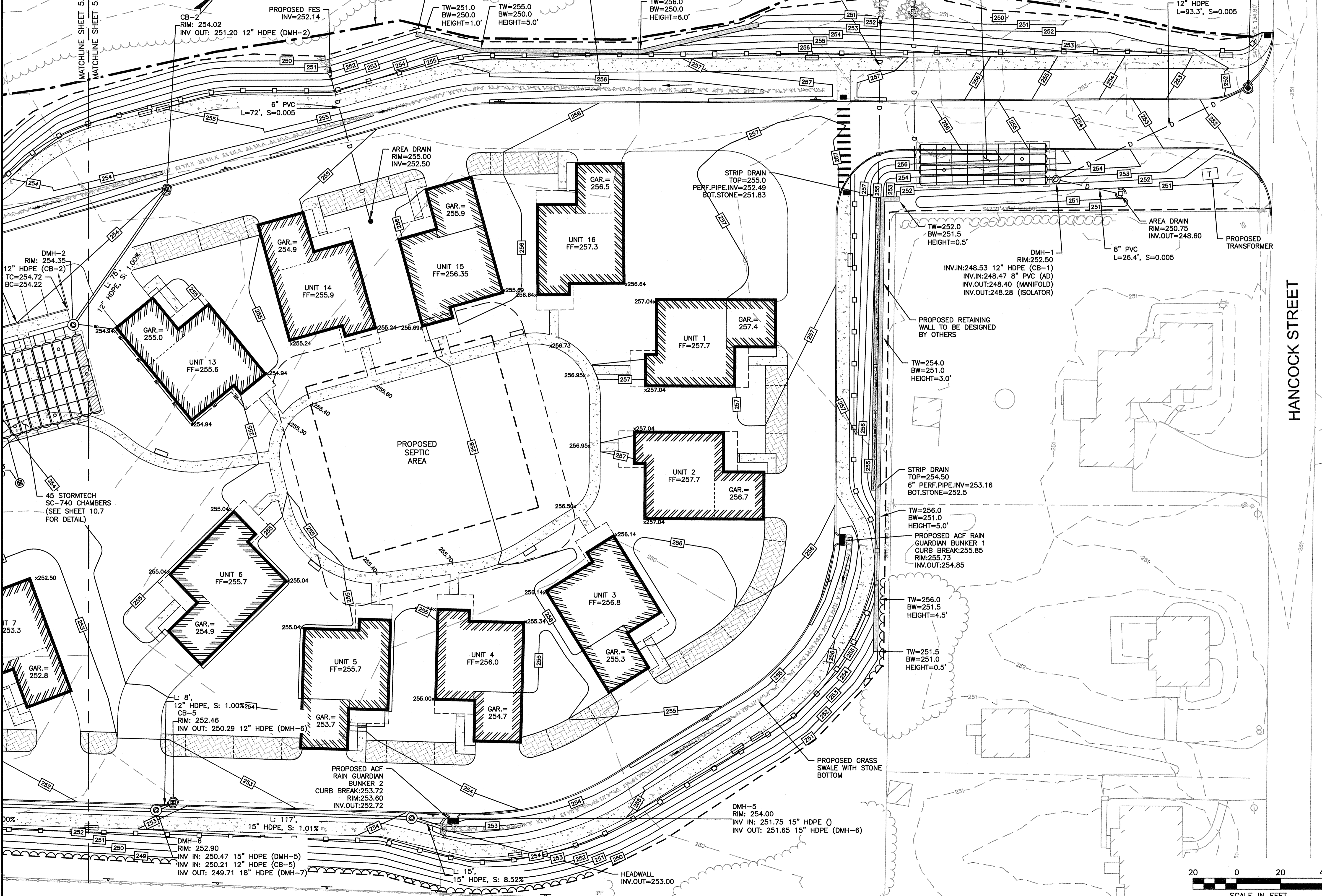
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MATCHLINE SHEET 5.2 MATCHLINE SHEET 5.1



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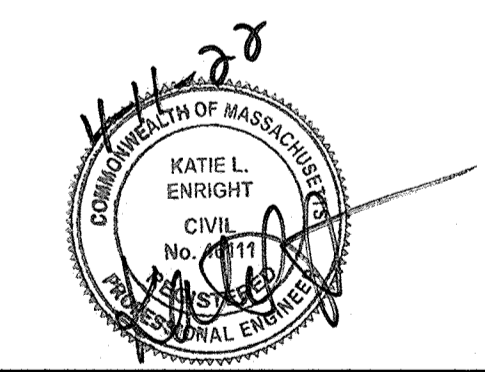
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 480 TURNPIKE ST
 SOUTH EASTON, MA 02375

SHELDON MEADOW
 20 HANCOCK STREET
 WRENTHAM, MA 02093
 NORFOLK COUNTY

HANCOCK STREET

REVISIONS:

NO	BY	DATE	DESCRIPTION

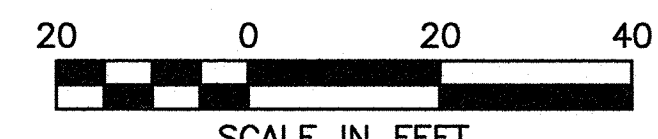


SITE PLAN

GRADING AND DRAINAGE
 SHEET 1 OF 2

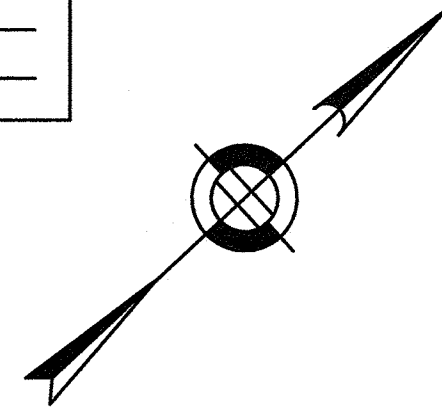
DATE: APRIL 11, 2022
 PROJECT NUMBER: 19227.01
 DESIGNED BY: KL/KF/MB
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 SHEET 14 OF 34



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 20 HANCOCK STREET
 WRENTHAM, MA 02093
 NORFOLK COUNTY

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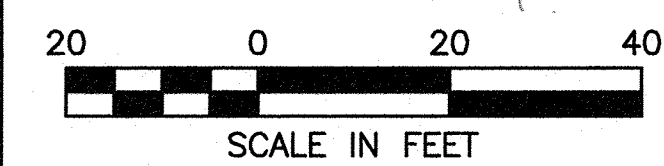
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SITE PLAN

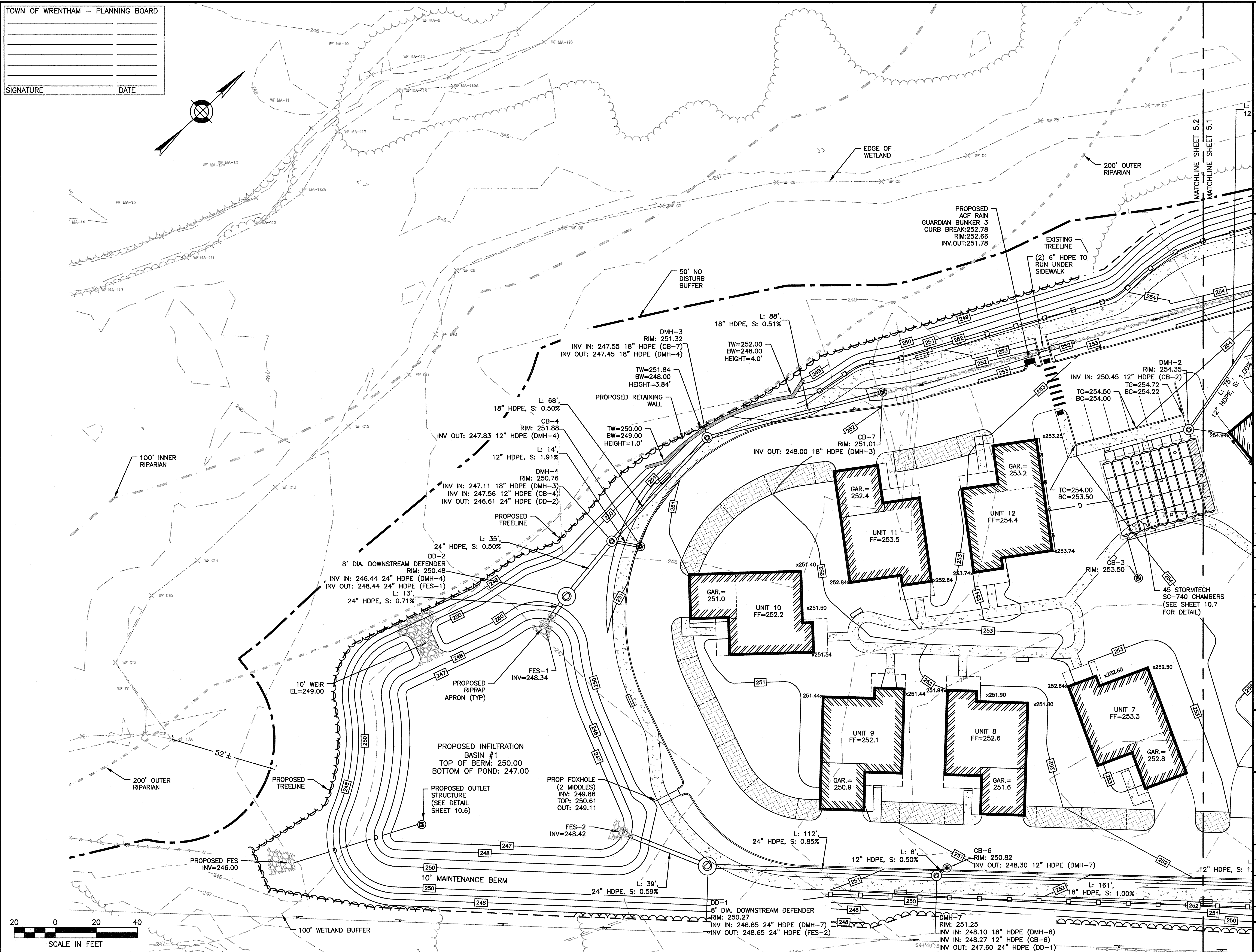
GRADING AND DRAINAGE SHEET 2 OF 2

DATE: APRIL 11, 2022
 PROJECT NUMBER: 19227.01
 DESIGNED BY: KL/KF/MB
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C5.2



4/11/2022 L:\19227\Hancock St - CURRENT\19227 - GDU - HS.dwg
 Author: K. Labadie
 Plotted by: K. Labadie



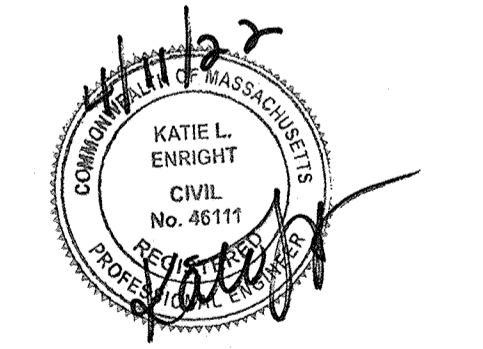
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PREPARED FOR:
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 480 TURNPIKE ST
 SOUTH EASTON, MA 02375

SHELDON MEADOW
 20 HANCOCK STREET
 WRENTHAM, MA 02093
 NORFOLK COUNTY

REVISIONS:

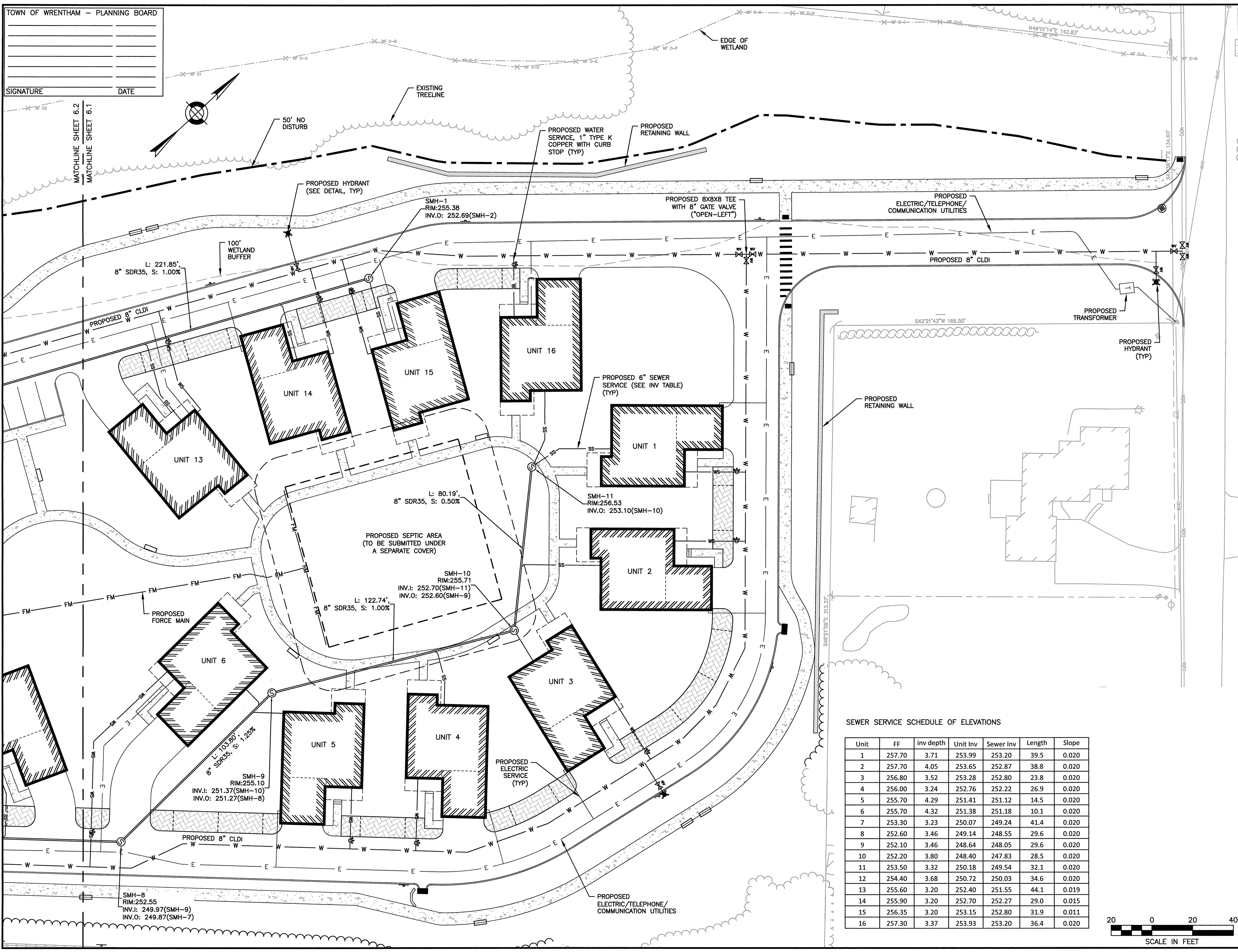
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SITE PLAN

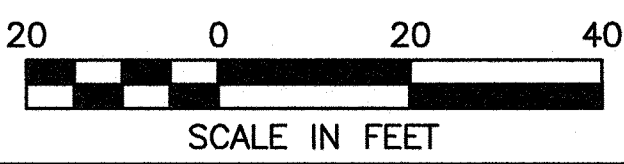
**UTILITY PLANS
 SHEET 1 OF 2**

DATE: APRIL 11, 2022
 PROJECT NUMBER: 19227.01
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SEWER SERVICE SCHEDULE OF ELEVATIONS

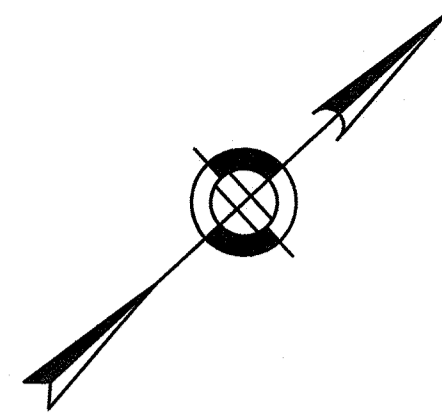
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1	257.70	3.71	253.99	253.20	39.5	0.020
2	257.70	4.05	253.65	252.87	38.8	0.020
3	256.80	3.52	253.28	252.80	23.8	0.020
4	256.00	3.24	252.76	252.22	26.9	0.020
5	255.70	4.29	251.41	251.12	14.5	0.020
6	255.70	4.32	251.38	251.18	10.1	0.020
7	253.30	3.23	250.07	249.24	41.4	0.020
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9	252.10	3.46	248.64	248.05	29.6	0.020
10	252.20	3.80	248.40	247.83	28.5	0.020
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16	257.30	3.37	253.93	253.20	36.4	0.020



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Unit	FF	Inv depth	Unit Inv	Sewer Inv	Length	Slope
1	257.70	3.71	253.99	253.20	39.5	0.020
2	257.70	4.05	253.65	252.87	38.8	0.020
3	256.80	3.52	253.28	252.80	23.8	0.020
4	256.00	3.24	252.76	252.22	26.9	0.020
5	255.70	4.29	251.41	251.12	14.5	0.020
6	255.70	4.32	251.38	251.18	10.1	0.020
7	253.30	3.23	250.07	249.24	41.4	0.020
8	252.60	3.46	249.14	248.55	29.6	0.020
9	252.10	3.46	248.64	248.05	29.6	0.020
10	252.20	3.80	248.40	247.83	28.5	0.020
11	253.50	3.32	250.18	249.54	32.1	0.020
12	254.40	3.68	250.72	250.03	34.6	0.020
13	255.60	3.20	252.40	251.55	44.1	0.019
14	255.90	3.20	252.70	252.27	29.0	0.015
15	256.35	3.20	253.15	252.80	31.9	0.011
16	257.30	3.37	253.93	253.20	36.4	0.020



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 SOUTH EASTON, MA 02375

SHELDON MEADOW
 20 HANCOCK STREET
 WRENTHAM, MA 02093
 NORFOLK COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION

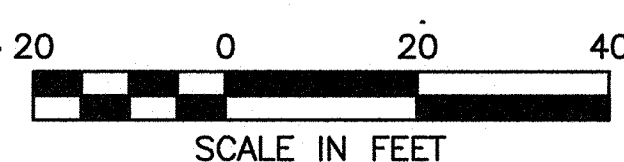
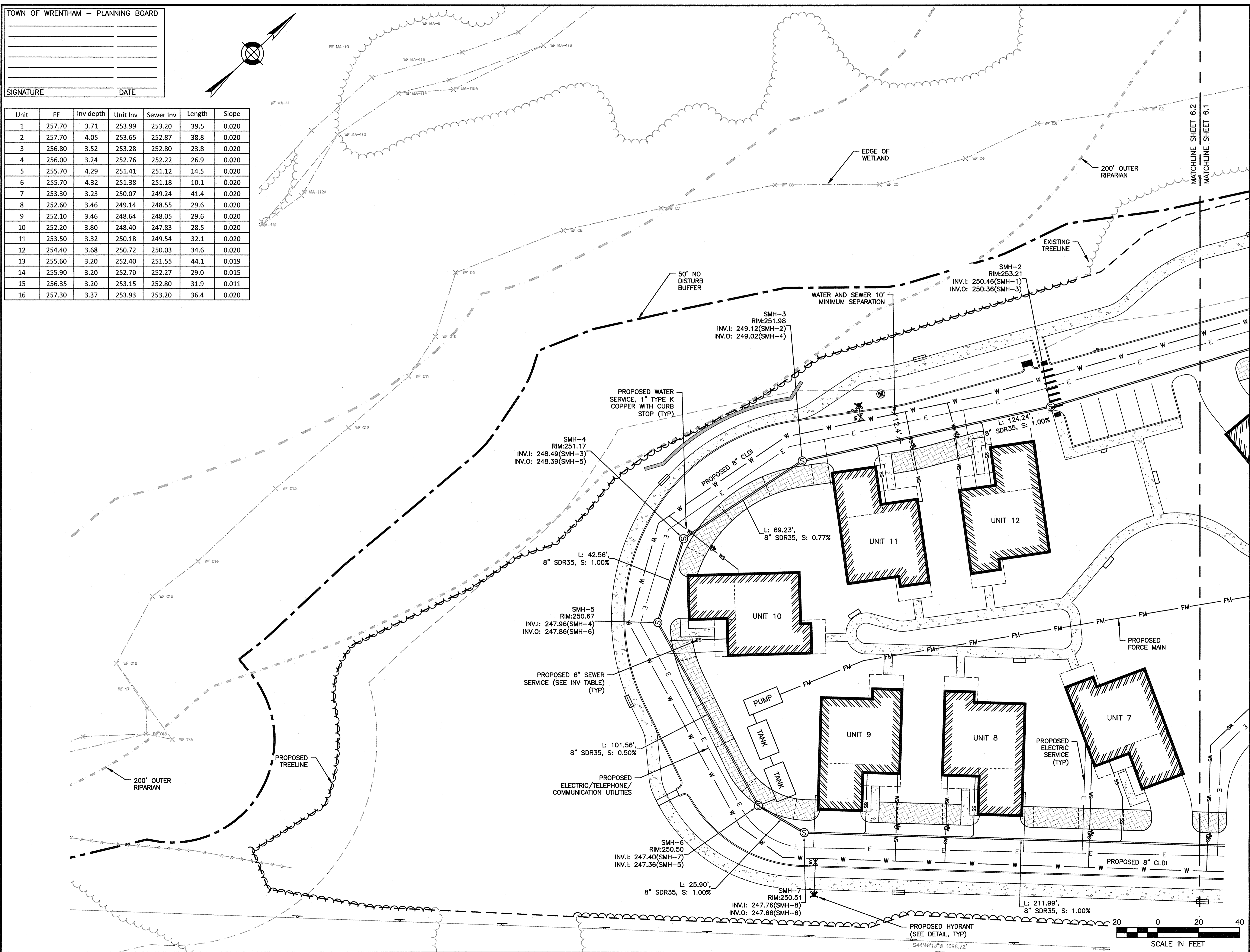


SITE PLAN

UTILITY PLAN
 SHEET 2 OF 2

DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE

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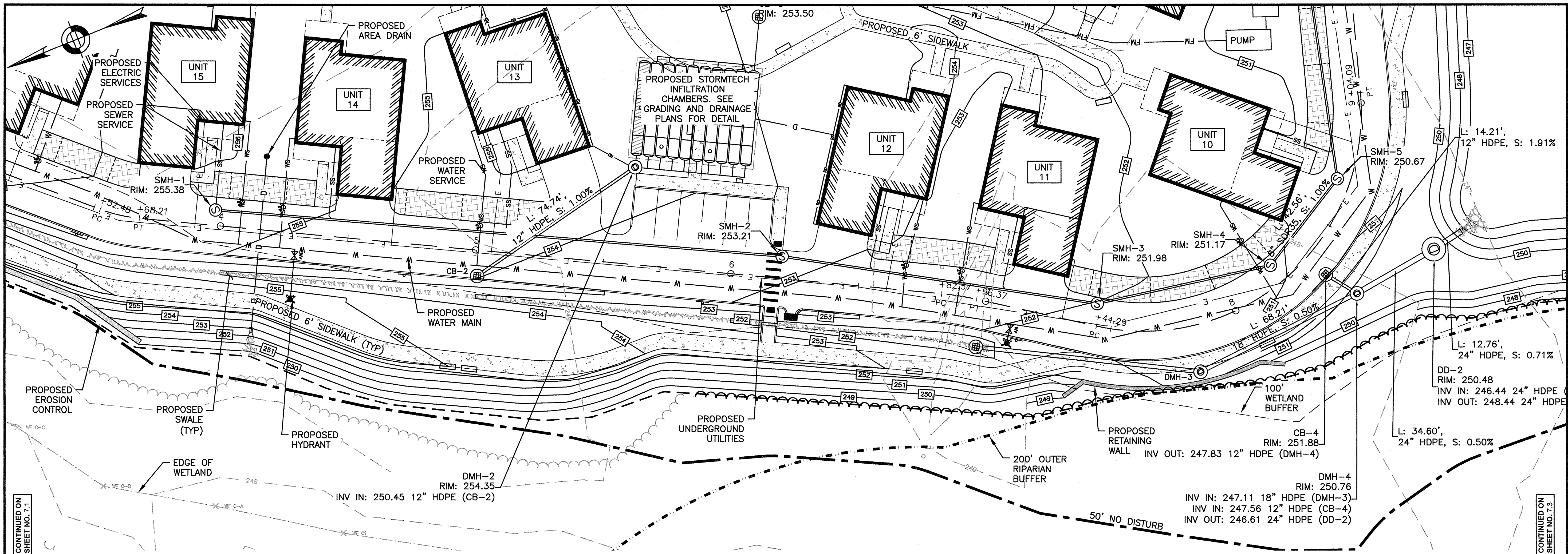
SCALE IN FEET



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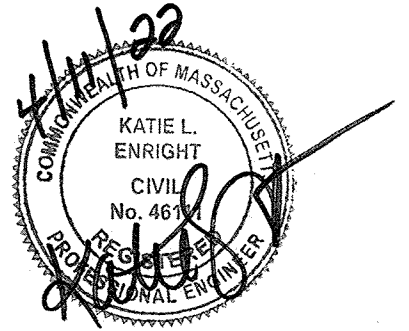
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 20 HANCOCK STREET
 WRENTHAM, MA 02093



SHELDON MEADOW: STATIONS 4+00 - 8+50

REVISIONS:

NO	BY	DATE	DESCRIPTION



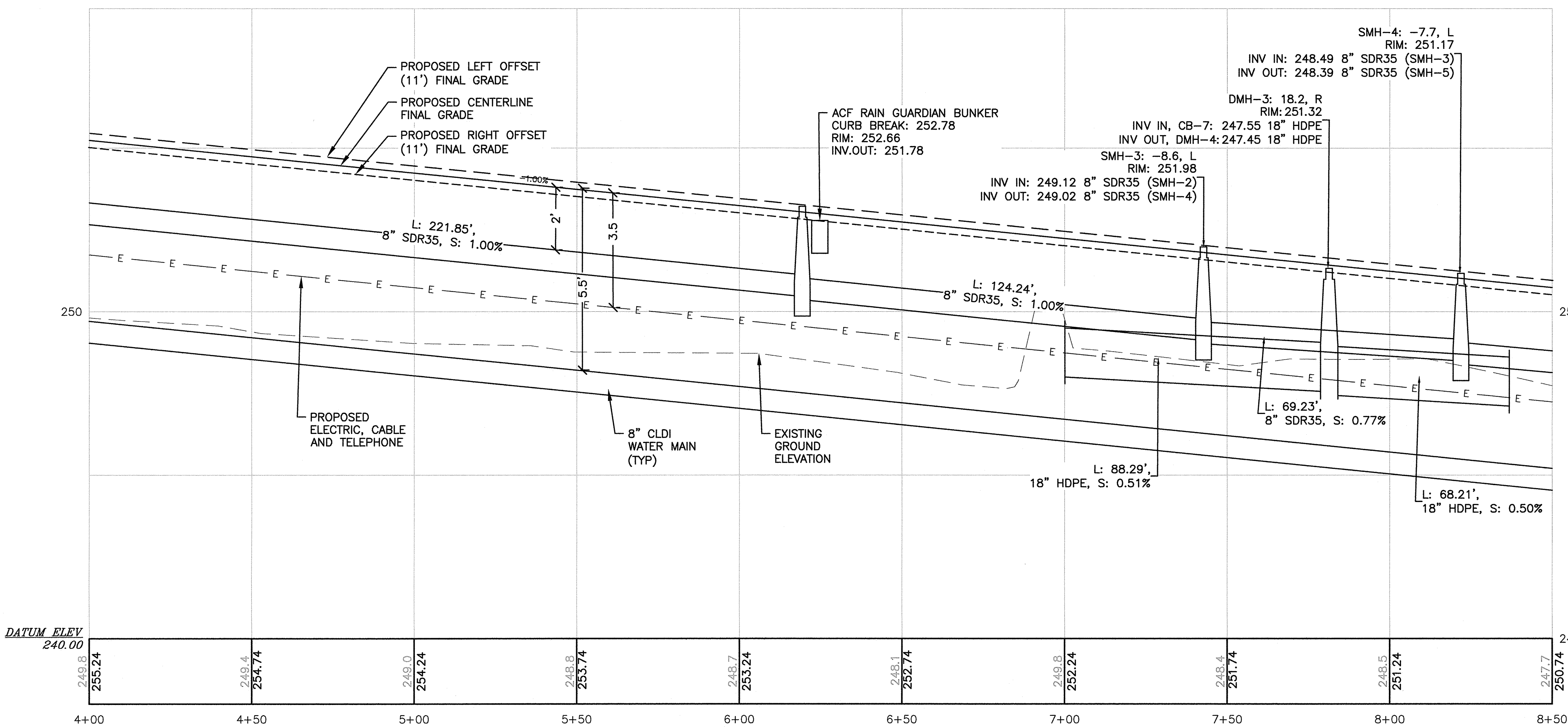
SITE PLAN

PLAN AND PROFILE
 SHEET 2 OF 4

DATE: APRIL 11, 2022
 PROJECT NUMBER: 19227.01
 DESIGNED BY: KL/KF/MB
 DRAWN BY: KL/KF/MB
 CHECKED BY: KE

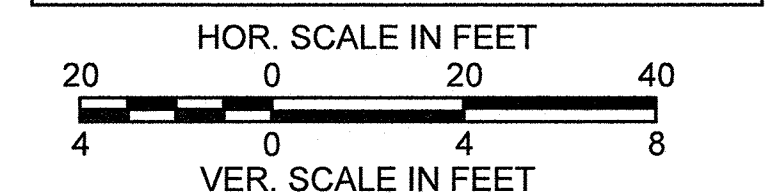
C7.2

SHEET 19 OF 34



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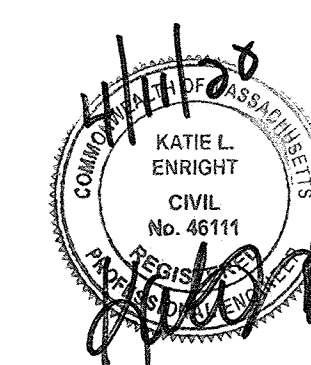
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 SOUTH EASTON, MA 02375

SHELDON MEADOW
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 WRENTHAM, MA 02093

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SITE PLAN

PLAN AND PROFILE SHEET 3 OF 4

DATE: APRIL 11, 2022

PROJECT NUMBER: 19227.01

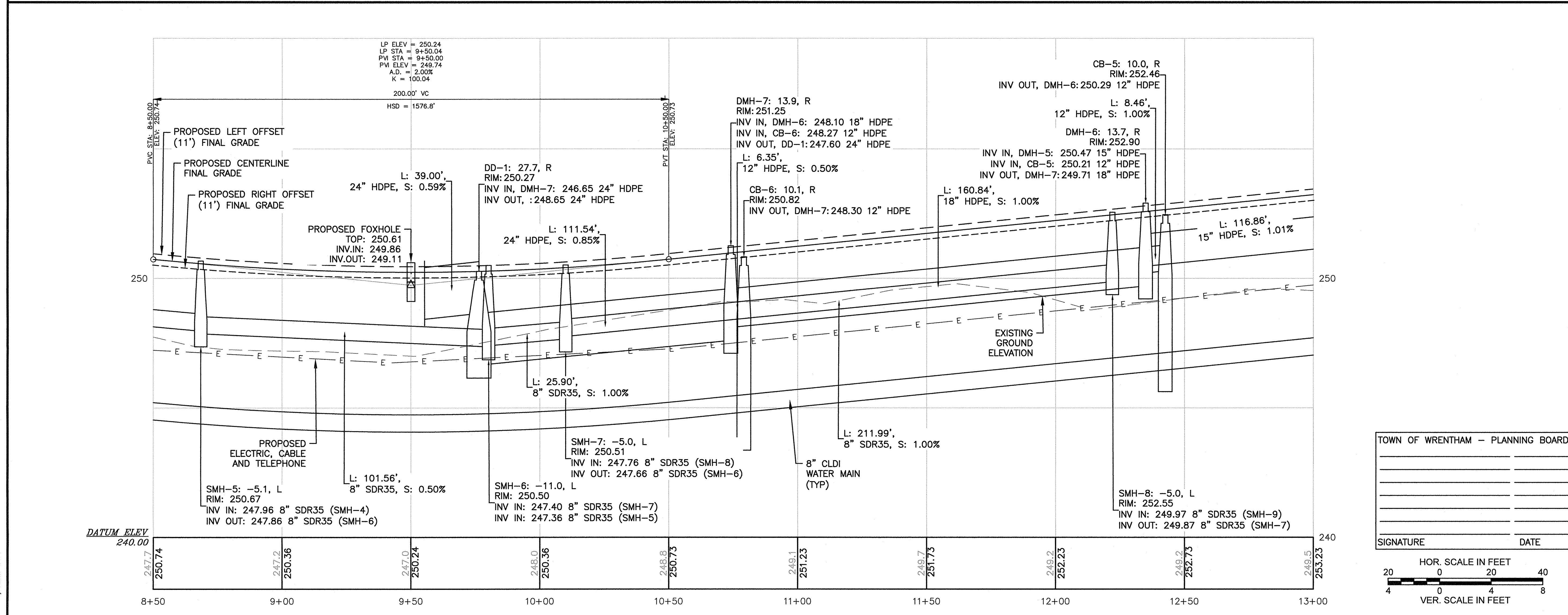
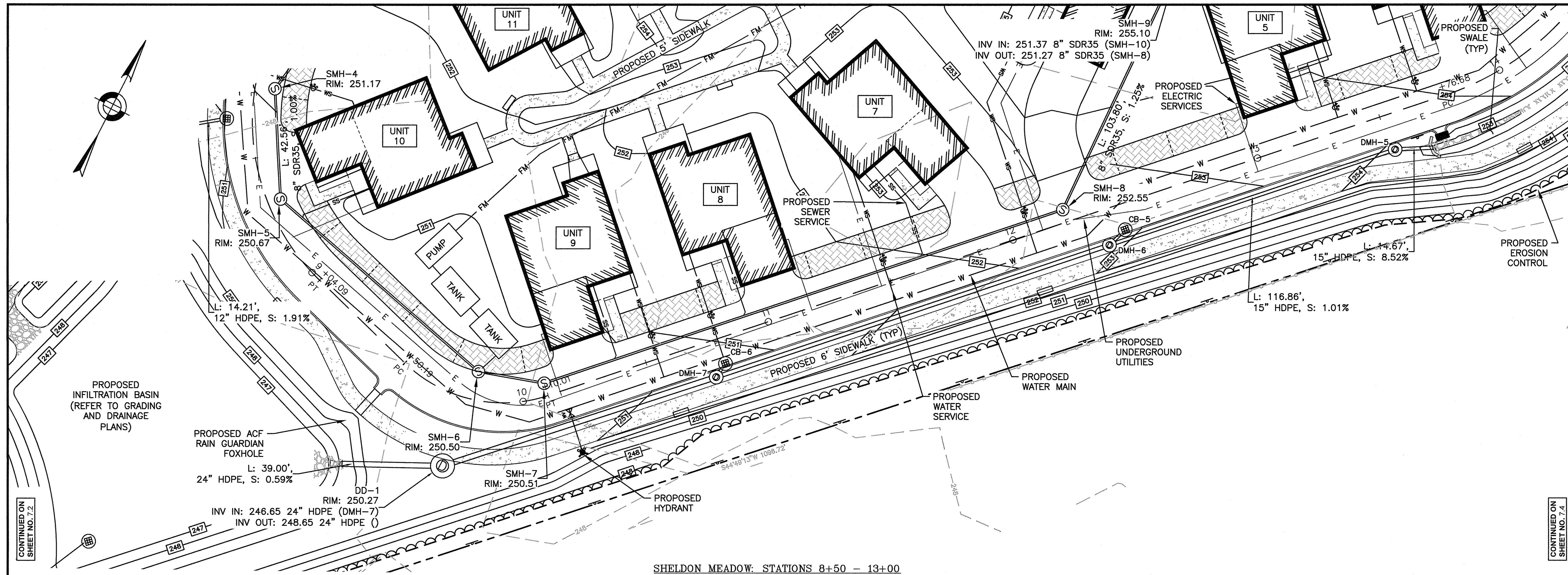
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DRAWN BY: KL/KF/MB

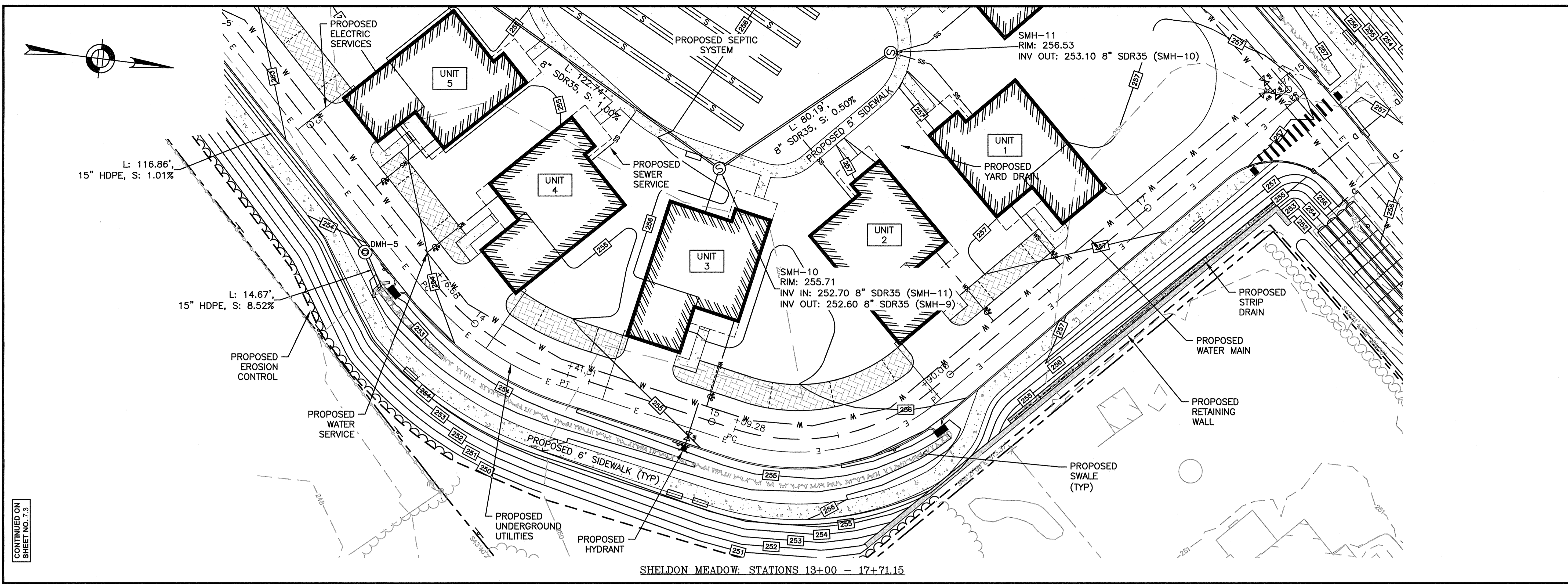
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C7.3

SHEET 20 OF 34



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 Plot Date: 4/11/2022 10:48:11 AM
 Plot By: Robert Labrie



CONTINUED ON SHEET NO. 7.3

PREPARED FOR:
SHELDON MEADOW, LLC.
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

SHELDON MEADOW
20 HANCOCK STREET
WRENTHAM, MA 02093

REVISIONS:

NO	BY	DATE	DESCRIPTION



SITE PLAN

PLAN AND PROFILE SHEET 4 OF 4

DATE: APRIL 11, 2022
PROJECT NUMBER: 19227.01
DESIGNED BY: KL/KF/MB
DRAWN BY: KL/KF/MB
CHECKED BY: KE

C7.4

TOWN OF WRENTHAM - PLANNING BOARD

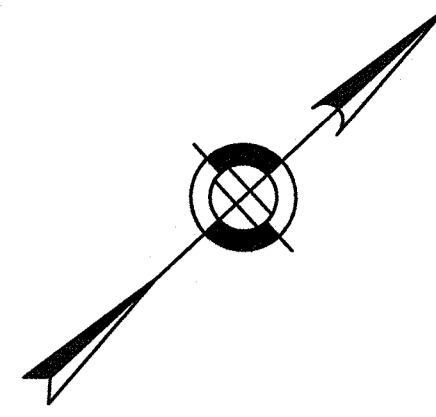
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VER. SCALE IN FEET
0 4 8

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Printed by: Wrentham

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GENERAL LANDSCAPE NOTES:

1. AREAS NOT OTHERWISE DEVELOPED SHALL RECEIVE MINIMUM 6" COMPACTED DEPTH SCREENED LOAM.
2. EXISTING LOAM TO BE STOKPILED FOR REUSE.
3. FINISH COVER OVER PLANTING BED SHALL INCLUDE 3" MINIMUM DEPTH PINE MULCH.
4. FINISH SURFACE SHALL BE GRADED FROM A HIGH POINT AT CENTER OF ISLAND OUT TO THE BACK OF CURB. SEE GRADING, DRAINAGE AND PAVING PLAN FOR FINISH GRADES.
5. AT A MINIMUM, TREES AND SHRUBS SHALL BE WATERED BY FLOODING AS FOLLOWS: MONTH 0-3: ONCE PER WEEK MONTH 3-6: TWICE PER MONTH MONTH 6-12: ONCE PER MONTH INCREASE WATERING FREQUENCY TO ACCOUNT FOR DROUGHT CONDITIONS AS REQUIRED.
6. TURF AREAS TO BE WATERED AND MOWED UNTIL ACCEPTED.
7. CONSERVATION SEED MIX AREA TO BE WATERED IF NECESSARY FOR ESTABLISHMENT

PLANTING NOTES

1. THE NUMBER OF EACH INDIVIDUAL PLANT TYPE AND SIZE IS PROVIDED IN THE PLANT LIST FOR CONTRACTORS CONVENIENCE ONLY. IF A DISCREPANCY EXISTS BETWEEN THE NUMBER OF PLANTS ON THE LIST AND THE NUMBER SHOWN ON THE DRAWING, THE GREATER NUMBER SHALL APPLY.
2. ALL PLANT MATERIAL SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT OR THE OWNER'S REPRESENTATIVE PRIOR TO ARRIVAL ON SITE.
3. PLANT MATERIAL SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS TO THE ORIGINAL PLANTING GRADE.
4. THE CONTRACTOR SHALL LOCATE AND MARK ALL UTILITIES PRIOR TO PLANTING. ANY CONFLICTS BETWEEN PLANTING AND UTILITIES SHALL BE IMMEDIATELY REPORTED TO THE LANDSCAPE ARCHITECT SO THAT ALTERNATE PLANTING LOCATIONS CAN BE DETERMINED.
5. NO SUBSTITUTION OF PLANT MATERIALS WILL BE ALLOWED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PLANTS AGAINST DAMAGE FROM ON-GOING CONSTRUCTION. PROTECTION SHALL BEGIN AT THE TIME THE PLANT IS INSTALLED AND CONTINUE UNTIL FORMAL ACCEPTANCE OF ALL PLANTING.
7. ALL DISTURBED AREAS NOT OTHERWISE DEVELOPED SHALL BE LOAMED 6" AND SEEDDED.

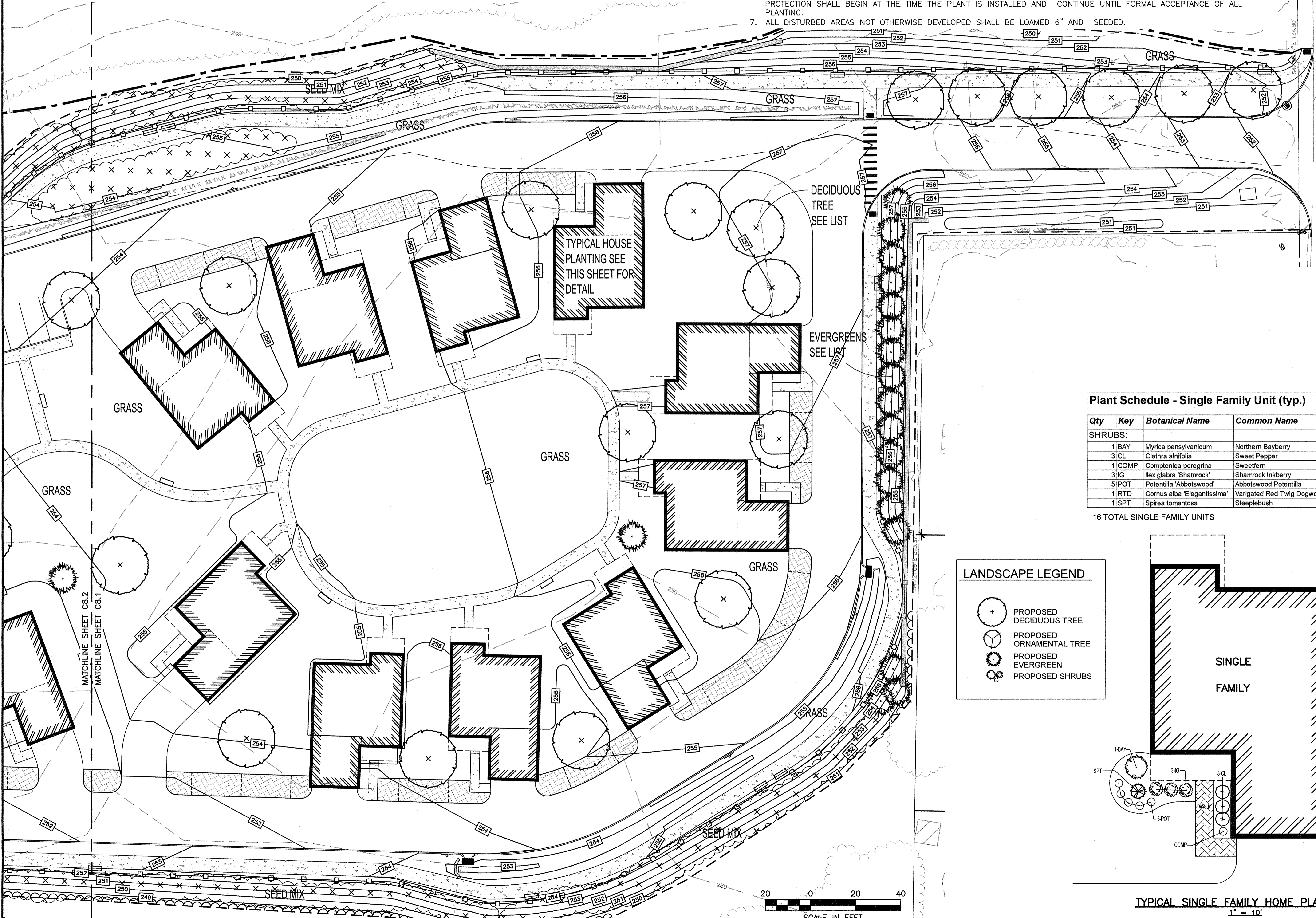
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 114 Turnpike Road, Suite 2C
 Chelmsford, MA 01824
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 480 TURNPIKE STREET
 SOUTH EASTON, MA 02375

SHELDON MEADOW
 20 HANCOCK STREET
 WRENTHAM, MA 02093
 NORFOLK COUNTY

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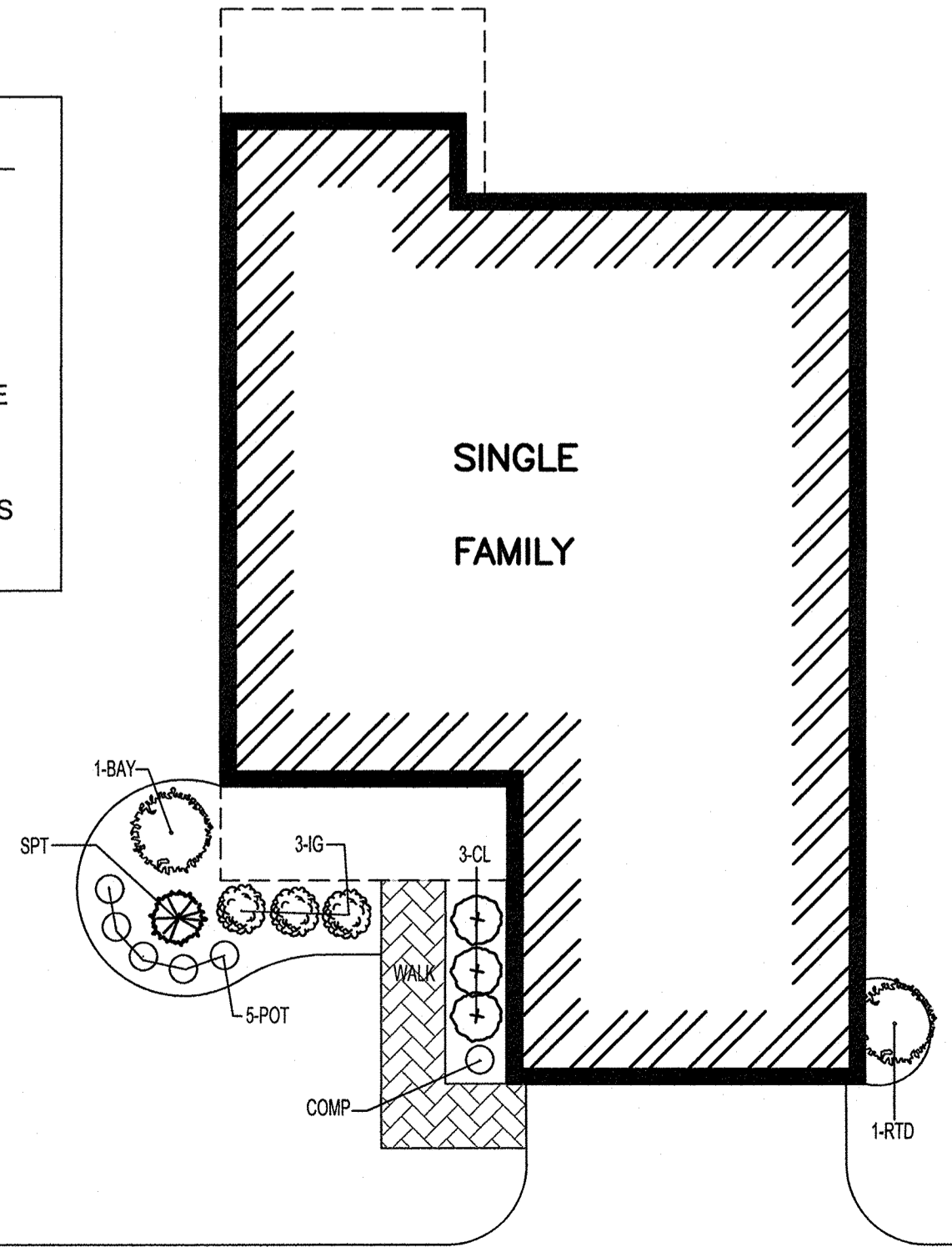
Plant Schedule - Single Family Unit (typ.)

Qty	Key	Botanical Name	Common Name	Size
SHRUBS:				
1	BAY	Myrica pensylvanicum	Northern Bayberry	#3pot
3	CL	Clethra alnifolia	Sweet Pepper	2-3'
1	COMP	Comptonia peregrina	Sweetfern	#3pot
3	IG	Ilex glabra 'Shamrock'	Shamrock Inkberry	2-2.5'
5	POT	Potentilla 'Abbotswood'	Abbotswood Potentilla	#3pot
1	RTD	Cornus alba 'Elegantissima'	Variegated Red Twig Dogwood	#3pot
1	SPT	Spirea tomentosa	Steeplebush	#3pot

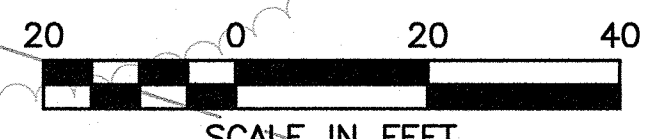
16 TOTAL SINGLE FAMILY UNITS

LANDSCAPE LEGEND

- PROPOSED DECIDUOUS TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN
- PROPOSED SHRUBS



TYPICAL SINGLE FAMILY HOME PLANTING
 1" = 10'



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 Author: KL/KF/MB
 Plotted by: Robert GDBR

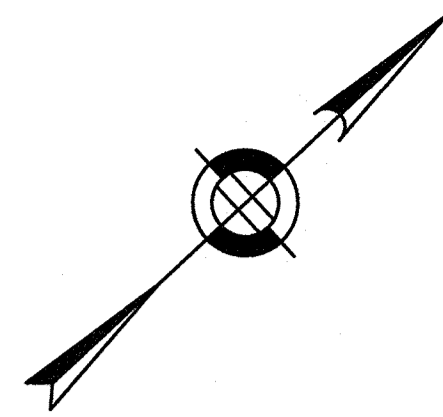
SITE PLAN

LANDSCAPE PLAN
 1 OF 2

DATE: APRIL 11, 2022
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 SHEET 22 OF 34

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DECIDUOUS TREE PLANTINGS 26 TOTAL THROUGHOUT SITE

Plant Schedule

Botanical Name	Common Name	Size
DECIDUOUS TREE OPTIONS:		
Acer rubrum 'Red Sunset'	Red Sunset Maple	2"cal
Acer saccharum 'Green Mountain'	Sugar Maple	2"cal
Carpinus caroliniana	American Hornbeam	2"cal
Carya ovata	Shagbark Hickory	2"cal
Ostrya virginiana	Hophornbeam	2"cal
Platanus x acerifolia	London Planetree	2"cal
Quercus coccinea	Scarlet Oak	2"cal
Quercus palustris	Pin Oak	2"cal
Tilia americana	Basswood	2"cal
Tilia cordata 'Greenspire'	Greenspire Linden	2"cal
Zelkova serrata	Japanese Zelkova	2"cal

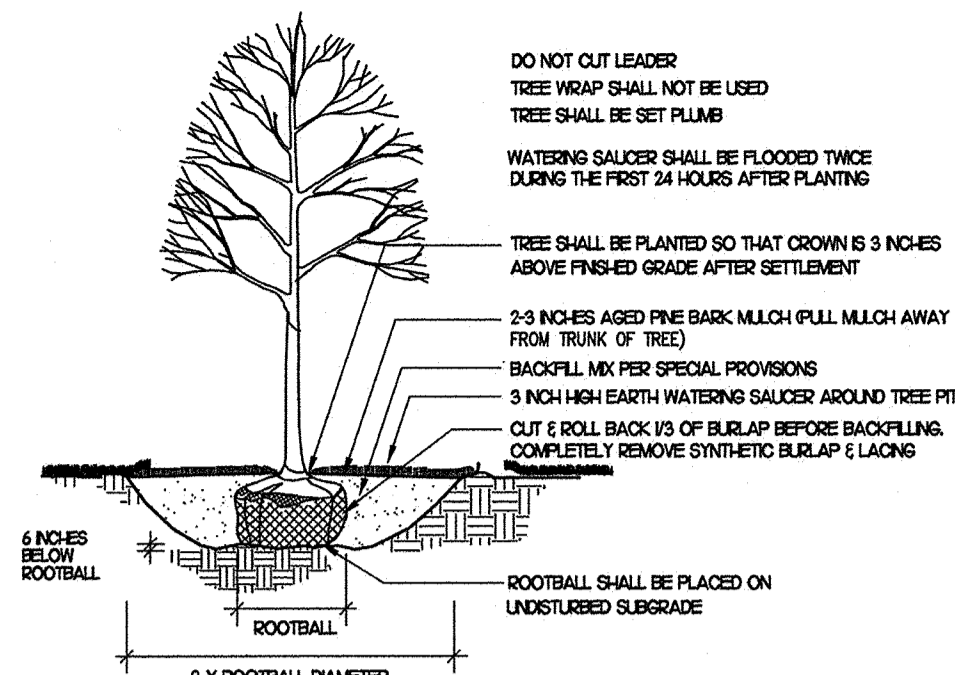
EVERGREEN TREE OPTIONS:

Abies concolor	White Fir	6'
Picea abies	Norway Spruce	6'
Picea glauca	White Spruce	6'
Picea omorika	Serbian Spruce	6'
Picea pungens 'Glauca'	Colorado Blue Spruce	6'

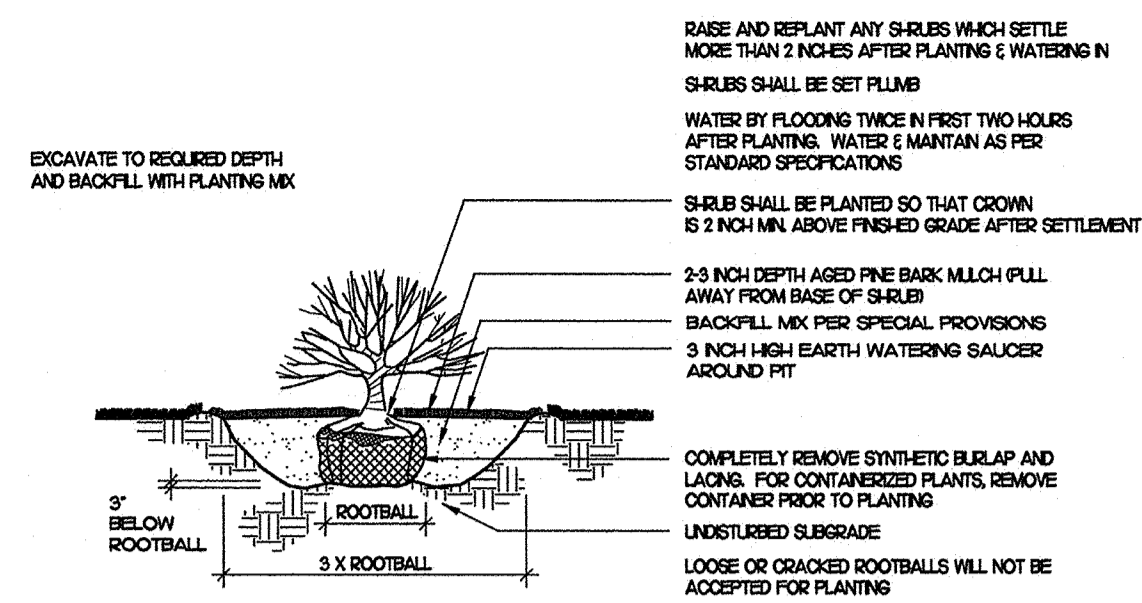
19 TOTAL

Conservation Seed Mix (SEED MIX)

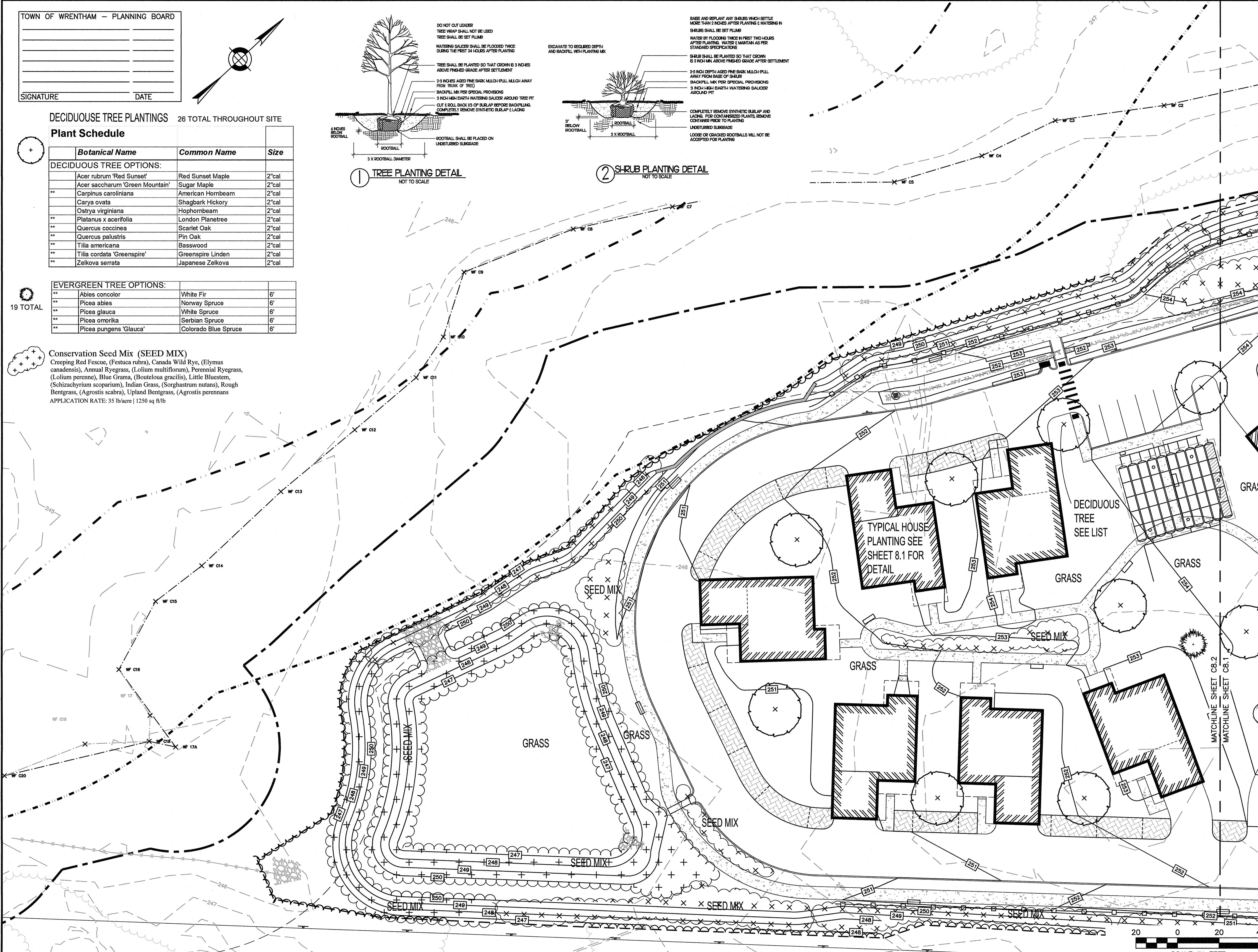
Creeping Red Fescue, (Festuca rubra), Canada Wild Rye, (Elymus canadensis), Annual Ryegrass, (Lolium multiflorum), Perennial Ryegrass, (Lolium perenne), Blue Grama, (Bouteloua gracilis), Little Bluestem, (Schizachyrium scoparium), Indian Grass, (Sorghastrum nutans), Rough Bentgrass, (Agrostis scabra), Upland Bentgrass, (Agrostis perennans)
APPLICATION RATE: 35 lbs/acre | 1250 sq ft/lb



1 TREE PLANTING DETAIL NOT TO SCALE



2 SHRUB PLANTING DETAIL NOT TO SCALE



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SOUTH EASTON, MA 02375

SHELDON MEADOW
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WRENTHAM, MA 02093
NORFOLK COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION

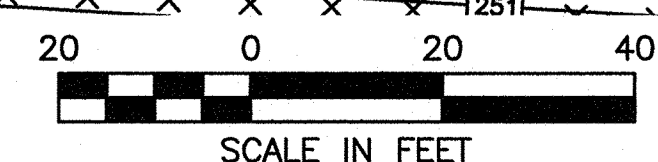
SITE PLAN

LANDSCAPE PLAN
2 OF 2

DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE

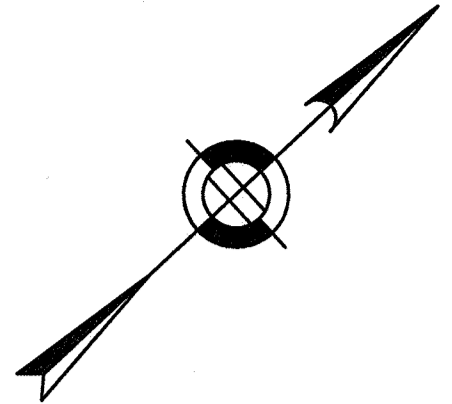
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SHEET 23 OF 34



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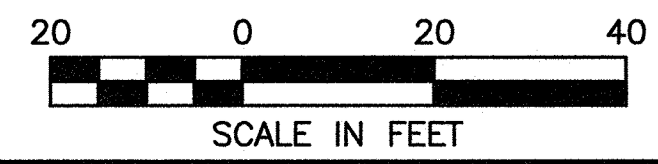
REVISIONS:

NO	BY	DATE	DESCRIPTION

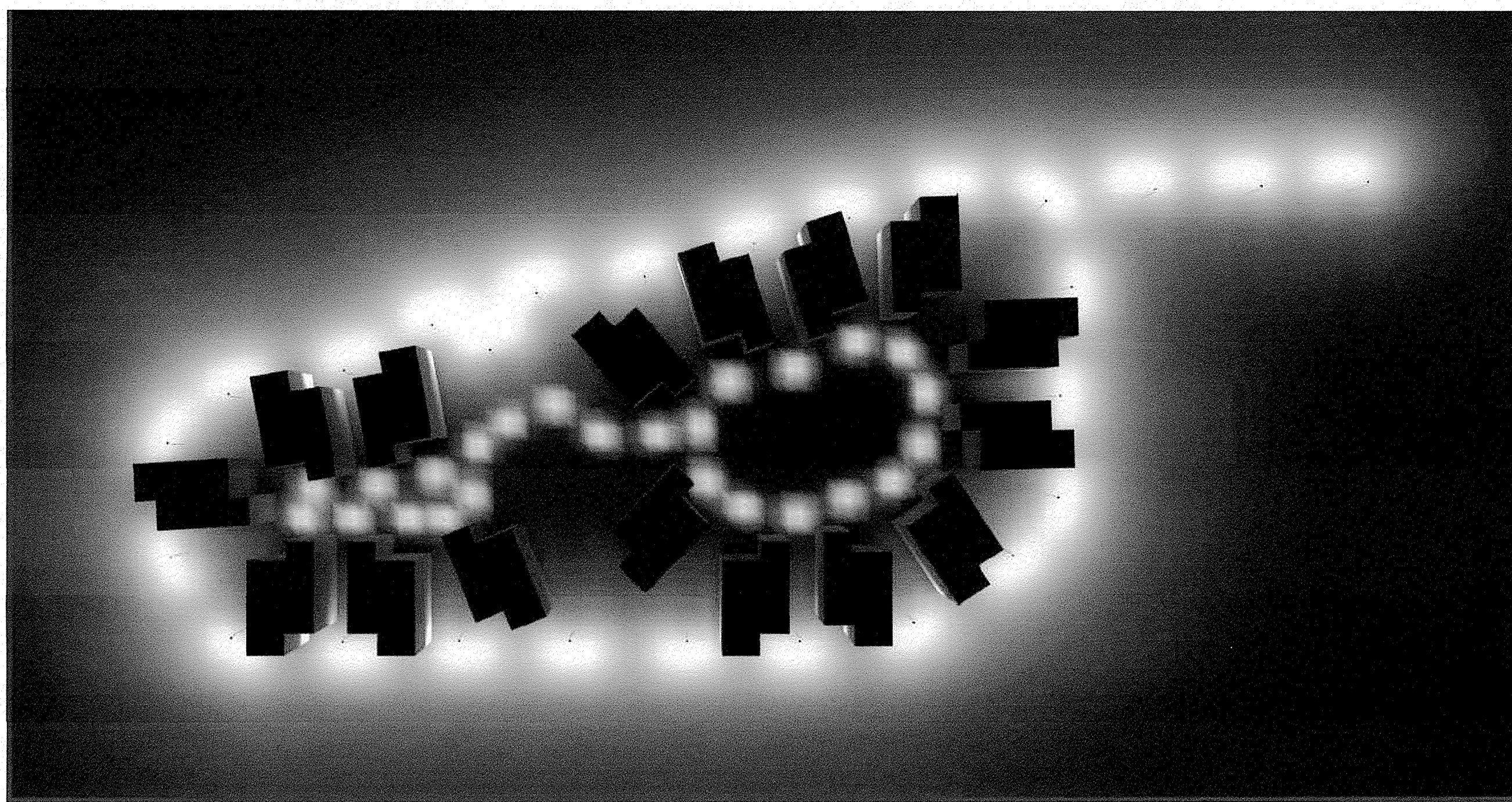
SITE PLAN

LIGHTING PLAN
 1 OF 2

DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE

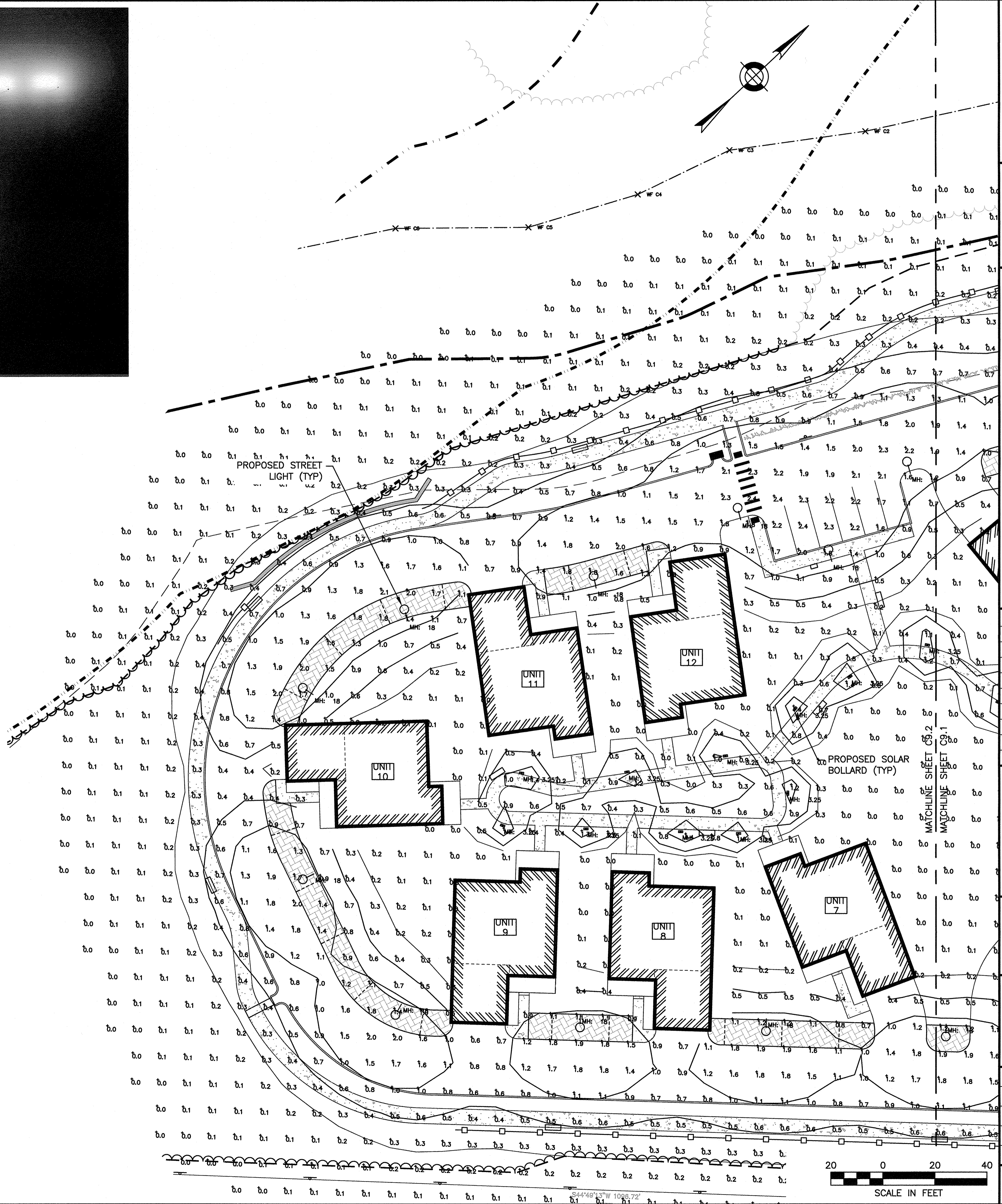
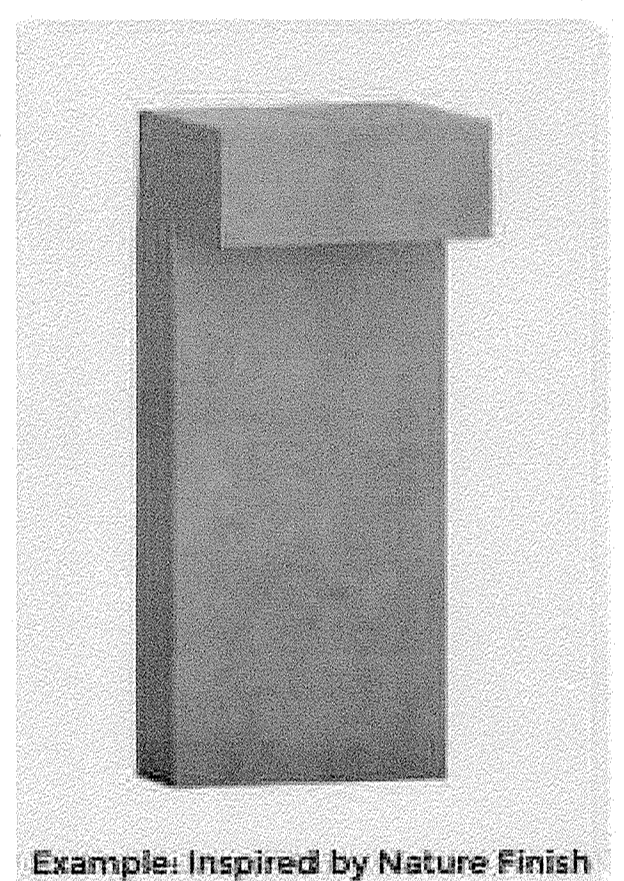
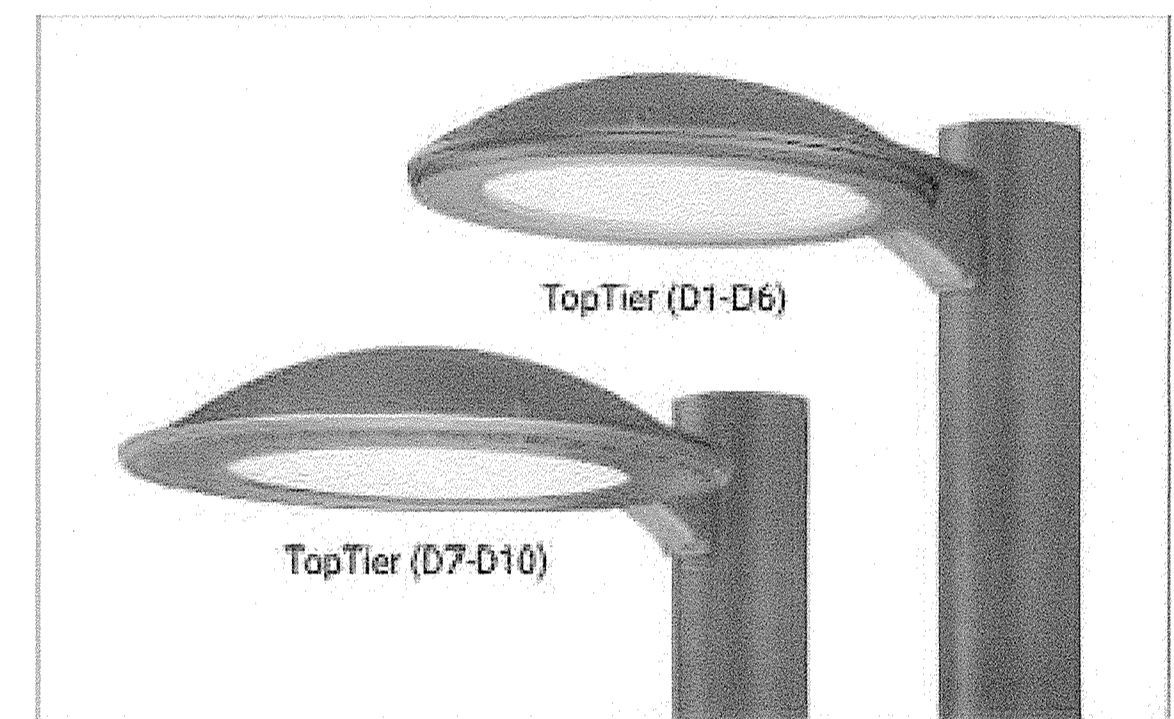


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LUMINAIRE SCHEDULE			
SYMBOL	QTY	LABEL	DESCRIPTION
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○	26	PL-1	MCGRAW EDISON: TT-D5-735-U-T4-PM-XX

CALCULATION SUMMARY				
LABEL	UNITS	AVG	MIN	MAX
SITE	Fc	0.30	0.0	2.4



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SITE PLAN

LIGHTING
 PLAN
 2 OF 2

DATE: APRIL 11, 2022
 PROJECT NUMBER: 19227.01
 DESIGNED BY: KL/KF/MB
 DRAWN BY: KL/KF/MB
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 SHEET 25 OF 34

TOWN OF WRENTHAM - PLANNING BOARD

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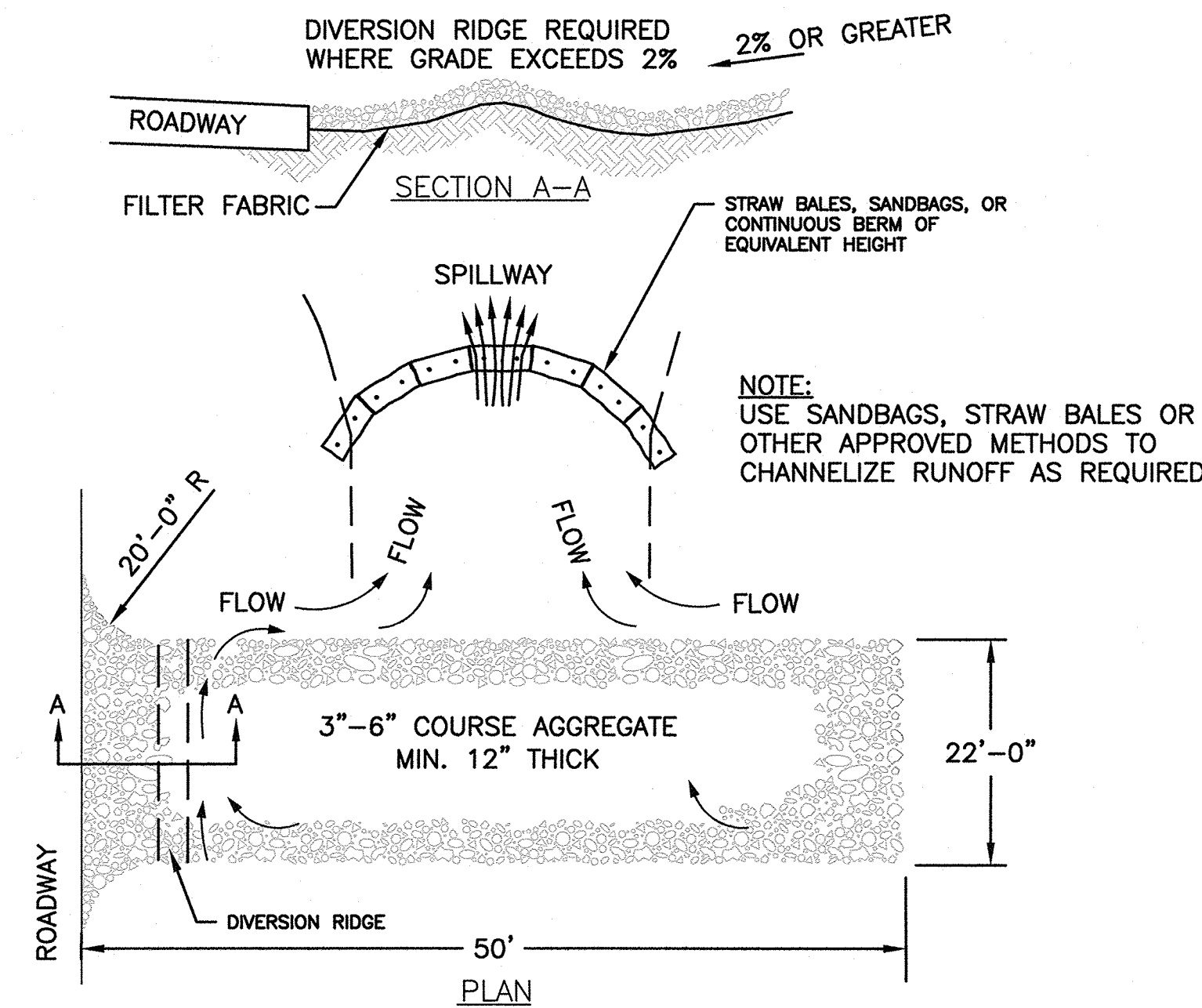
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 Plotted by: K. Stein
 Printed by: K. Stein

EROSION AND SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED AND UPGRADED AS NECESSARY DURING CONSTRUCTION BY THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND INSTALL ADDITIONAL CONTROL MEASURES AS NEEDED DURING CONSTRUCTION.
2. ALL CATCH BASINS RECEIVING DRAINAGE FROM THE PROJECT SITE MUST BE PROVIDED WITH A CATCH BASIN FILTER.
3. STABILIZATION OF ALL RE-GRADED AND SOIL STOCKPILE AREAS MUST BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
4. SEDIMENT REMOVED FROM EROSION AND SEDIMENT CONTROL DEVICES MUST BE PROPERLY REMOVED AND DISPOSED. ALL DAMAGED CONTROLS MUST BE REMOVED AND REPLACED.
5. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE PROPER TOWN AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING WIND EROSION AND DUST THROUGHOUT THE LIFE OF HIS CONTRACT. DUST CONTROL MAY INCLUDE, BUT IS NOT LIMITED TO, SPRINKLING OF WATER ON EXPOSED SOILS AND STREET SWEEPING ADJACENT ROADWAYS.
7. IF FINAL GRADING IS TO BE DELAYED FOR MORE THAN 21 DAYS AFTER LAND DISTURBANCE ACTIVITIES CEASE, TEMPORARY VEGETATION OR MULCH SHALL BE USED TO STABILIZED SOILS WITHIN 14 DAYS OF THE LAST DISTURBANCE.
8. IF A DISTURBED AREA WILL BE EXPOSED FOR GREATER THAN ONE YEAR, PERMANENT GRASSES OR OTHER APPROVED COVER MUST BE INSTALLED.
9. THE CONTRACTOR MUST KEEP ON-SITE AT ALL TIMES ADDITIONAL SILT FENCE, STRAW WATTLE, AND HAY BALES FOR THE INSTALLATION AT THE DIRECTION OF THE ENGINEER OR THE TOWN TO MITIGATE ANY EMERGENCY CONDITION.
10. THE CONSTRUCTION FENCING AND EROSION AND SEDIMENT CONTROLS AS SHOWN MAY NOT BE PRACTICAL DURING ALL STAGES OF CONSTRUCTION. EARTHWORK ACTIVITY ON-SITE MUST BE DONE IN A MANNER SUCH THAT RUNOFF IS DIRECTED TO A SEDIMENT CONTROL DEVICE OR INFILTRATED TO THE GROUND.
11. DEMOLITION AND CONSTRUCTION DEBRIS MUST BE PROPERLY CONTAINED AND DISPOSED OF.
12. DISPOSAL OF ALL DEMOLISHED MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE HAULED OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.

GENERAL CONSTRUCTION SEQUENCE

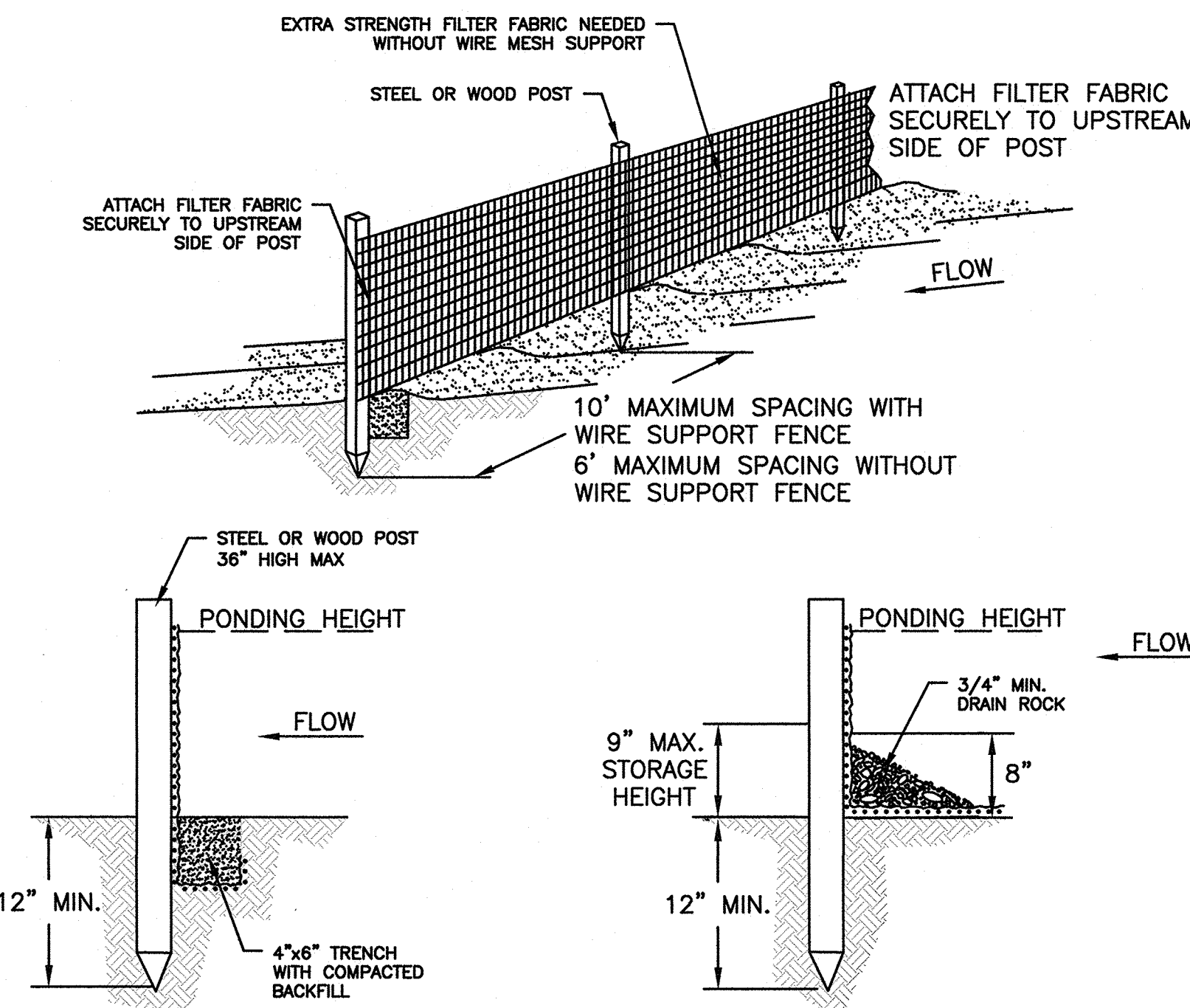
1. INSTALL EROSION AND SEDIMENT CONTROLS PRIOR TO STARTING ANY EARTHWORKS ACTIVITY.
2. INSTALL CONSTRUCTION ENTRANCE.
3. BEGIN CLEARING AND GRUBBING.
4. CONSTRUCT STORMWATER MANAGEMENT SYSTEM.
5. INSTALL SITE FURNISHINGS.
6. INSTALL PAVEMENT AND CURBS.
7. INSTALL LANDSCAPING.
8. EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED UNTIL PERMANENT COVER IS ESTABLISHED.



NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. TEMPORARY CONSTRUCTION ENTRANCE SHALL BE APPLIED WHERE NECESSARY TO KEEP PUBLIC WAYS FREE OF SEDIMENT INCLUDING STAGING AREAS

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



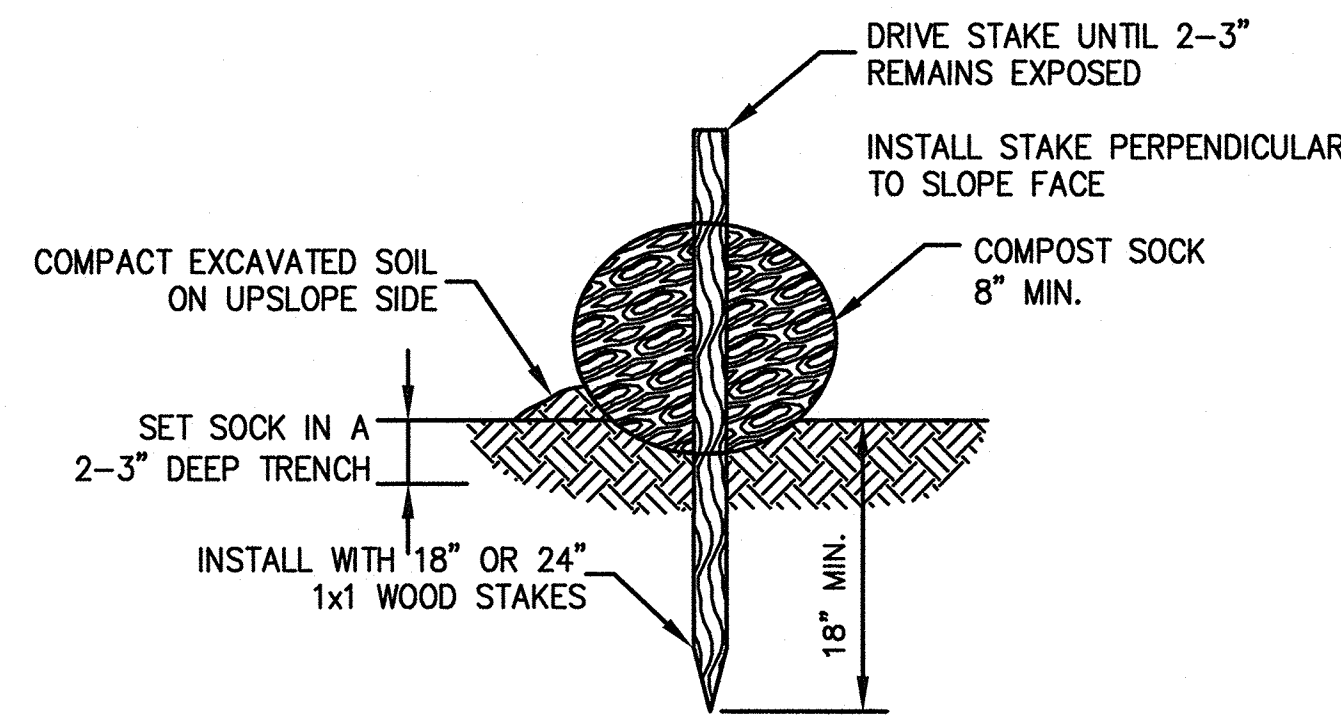
TRENCH DETAIL

INSTALLATION WITHOUT TRENCHING

NOTES:

1. EROSION CONTROL BARRIER (HAY BALES, SILT FENCE OR EROSION STOCK) SHALL BE PLACED AROUND ALL MATERIAL STOCKPILE AREAS AND MAINTAINED AT STAGING AREAS TO ASSURE NO SILTATION ONTO PUBLIC OR PRIVATE WAYS OR PROPERTY.

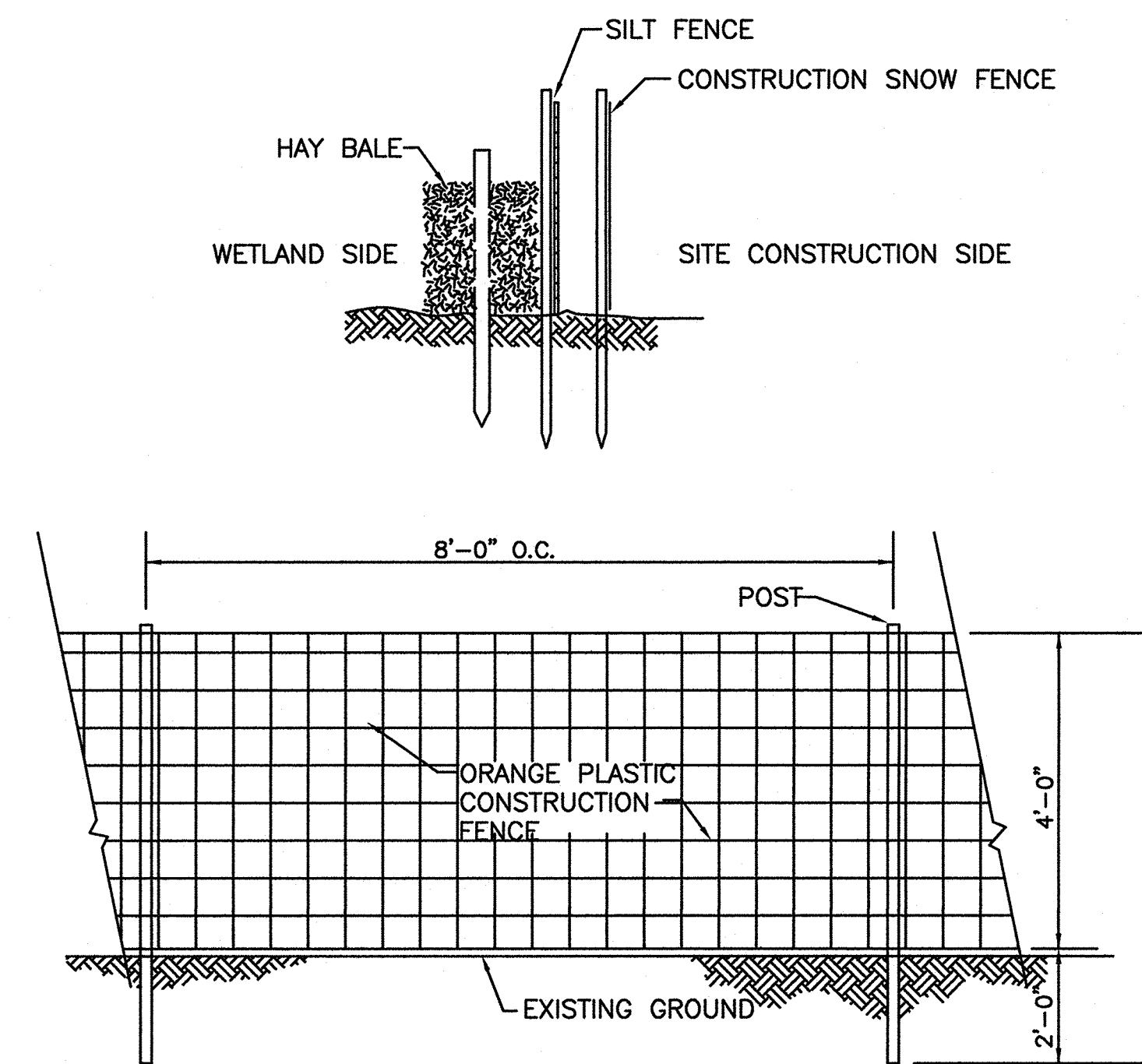
EROSION CONTROL BARRIER
NOT TO SCALE



NOTES:

1. BEGIN AT THE LOCATION WHERE THE SOCK IS TO BE INSTALLED BY EXCAVATING A 2-3" (5-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE SOCK IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE SOCK ON THE UPHILL SIDE. ADJACENT SOCKS SHOULD TIGHTLY ABUT.
3. SECURE THE SOCK WITH 18-24" (45.7-61 CM) STAKES EVERY 3-4' (0.9 - 1.2 M) AND WITH A STAKE ON EACH END. (STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE SOCK LEAVING AT LEAST 2-3" (5-7.5 CM) OF STAKE EXTENDING ABOVE THE SOCK. STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.

COMPOST SOCK DETAIL
NOT TO SCALE



NOTE:
ORANGE PLASTIC CONSTRUCTION FENCE TO BE PLACED AT LIMIT OF WORK. SITE EROSION CONTROL MEASURES (SILT FENCE AND HAY BALES) TO BE PLACED ON THE WETLAND SIDE OF FENCE.

CONSTRUCTION SNOW FENCE
NOT TO SCALE

TOWN OF WRENTHAM - PLANNING BOARD

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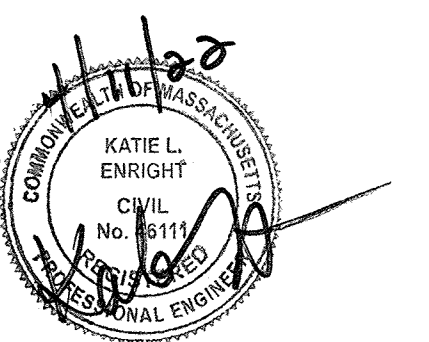
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NORFOLK COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION



DETAIL SHEET
1 OF 9

DATE: APRIL 11, 2022
PROJECT NUMBER: 19227.01
DESIGNED BY: KL/KF/MB
DRAWN BY: KL/KF/MB
CHECKED BY: KE



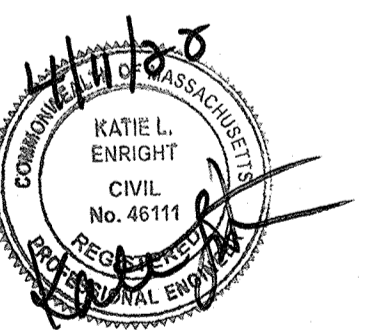
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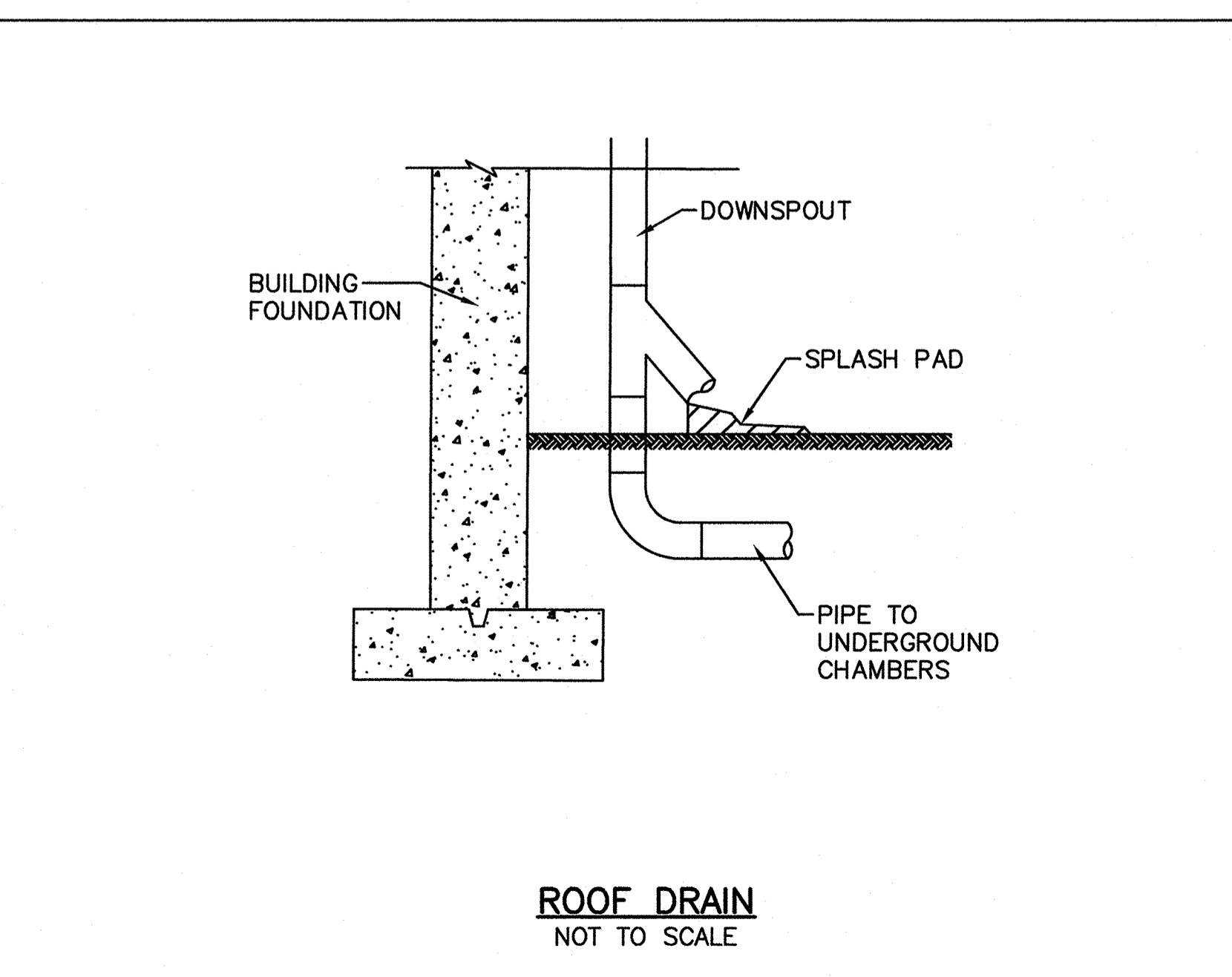
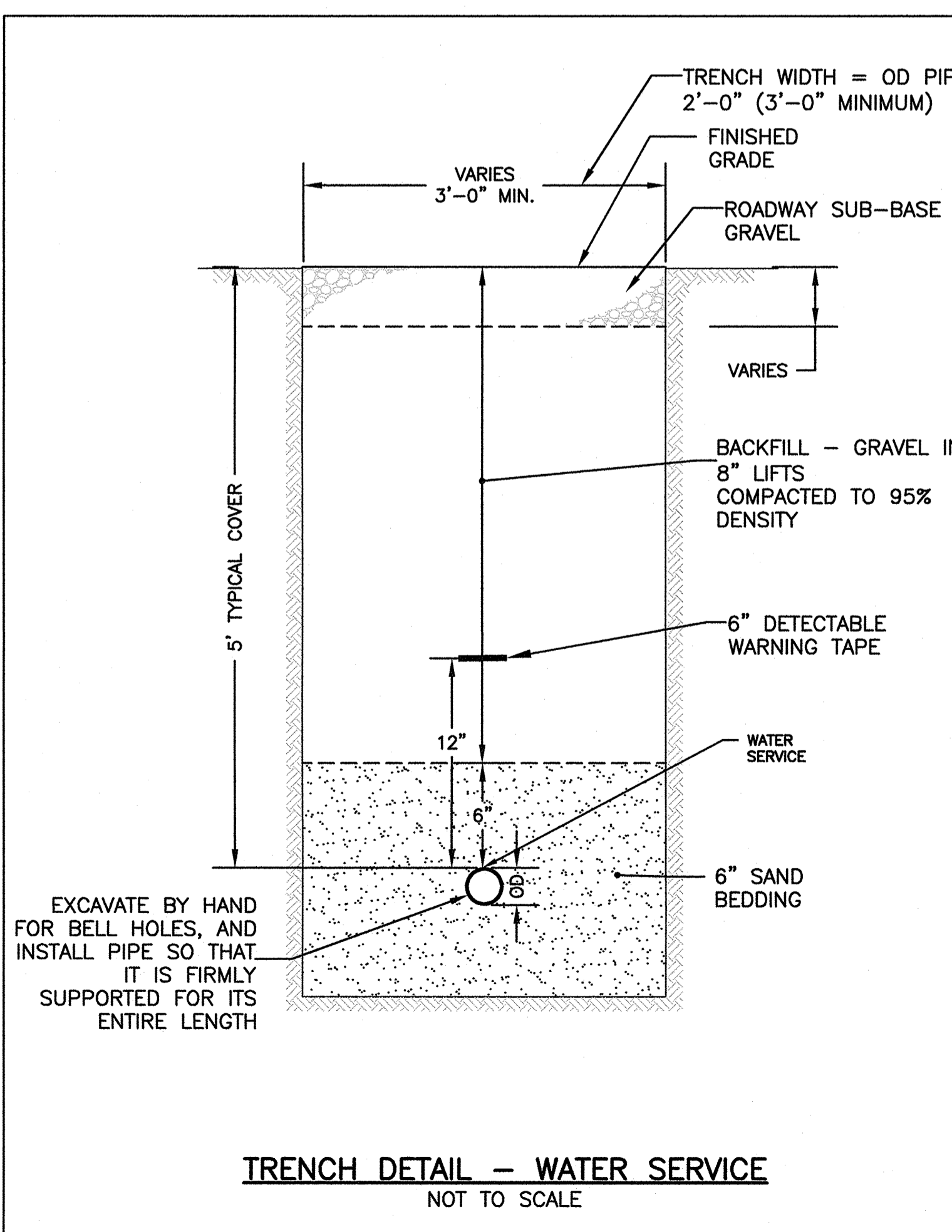
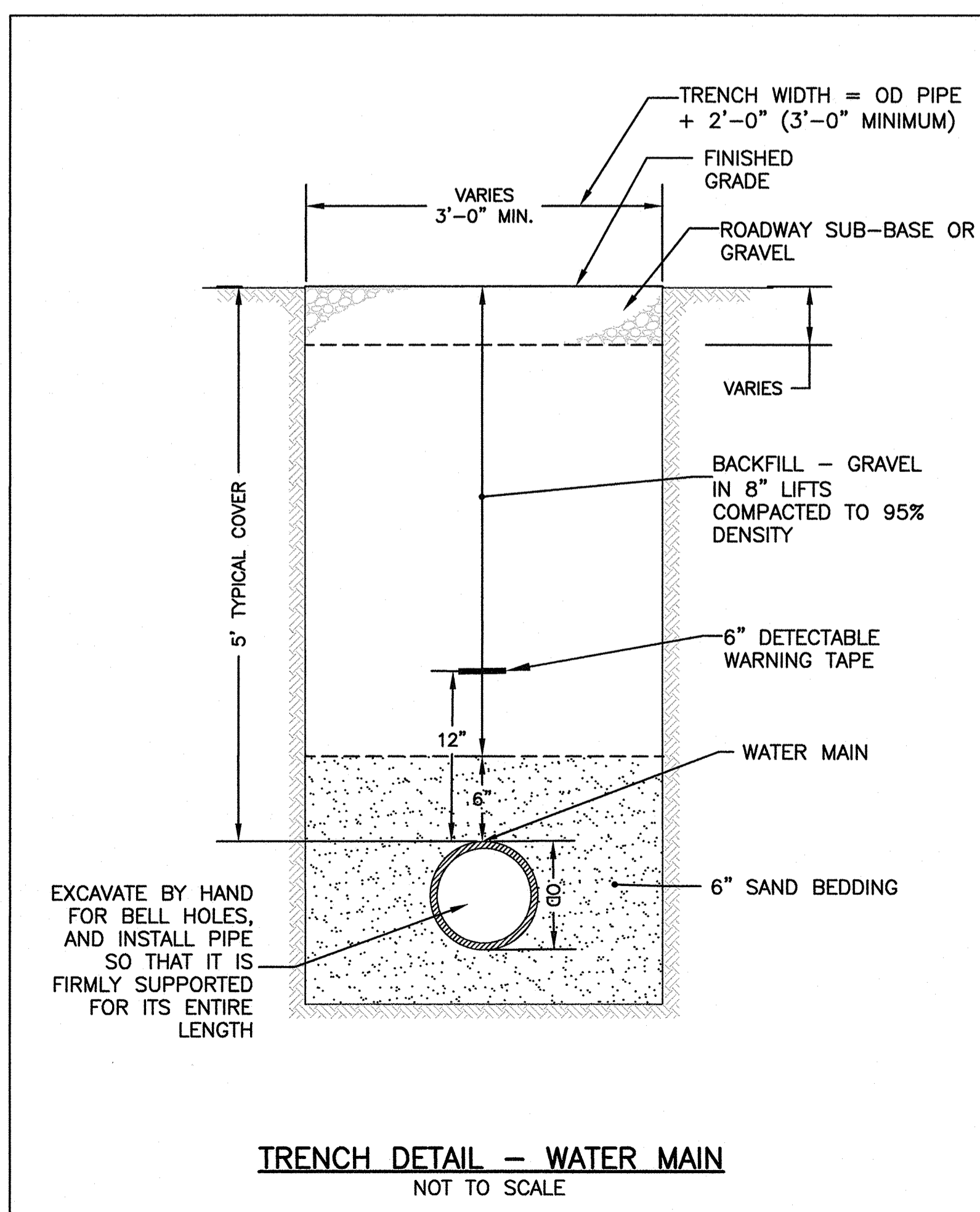
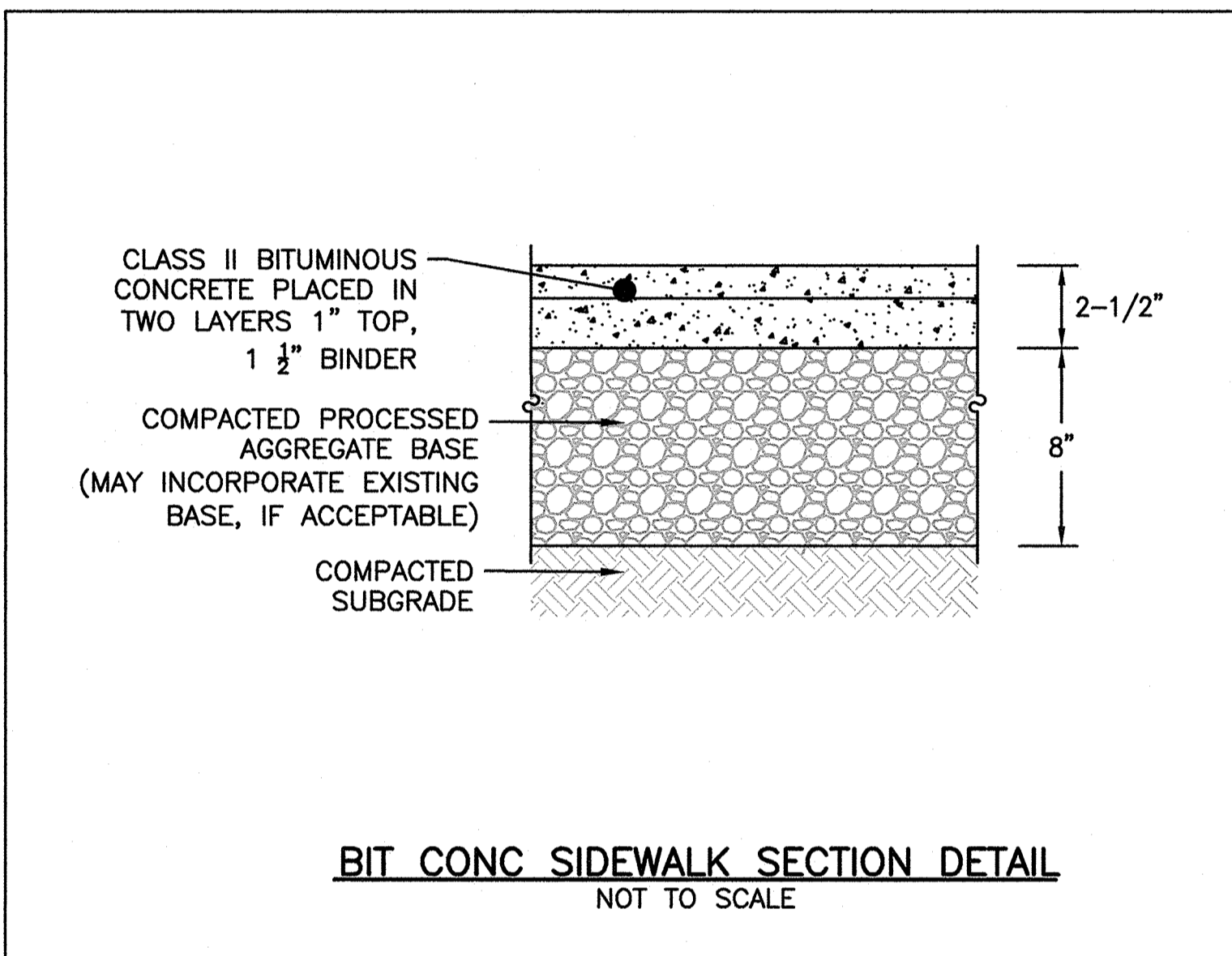
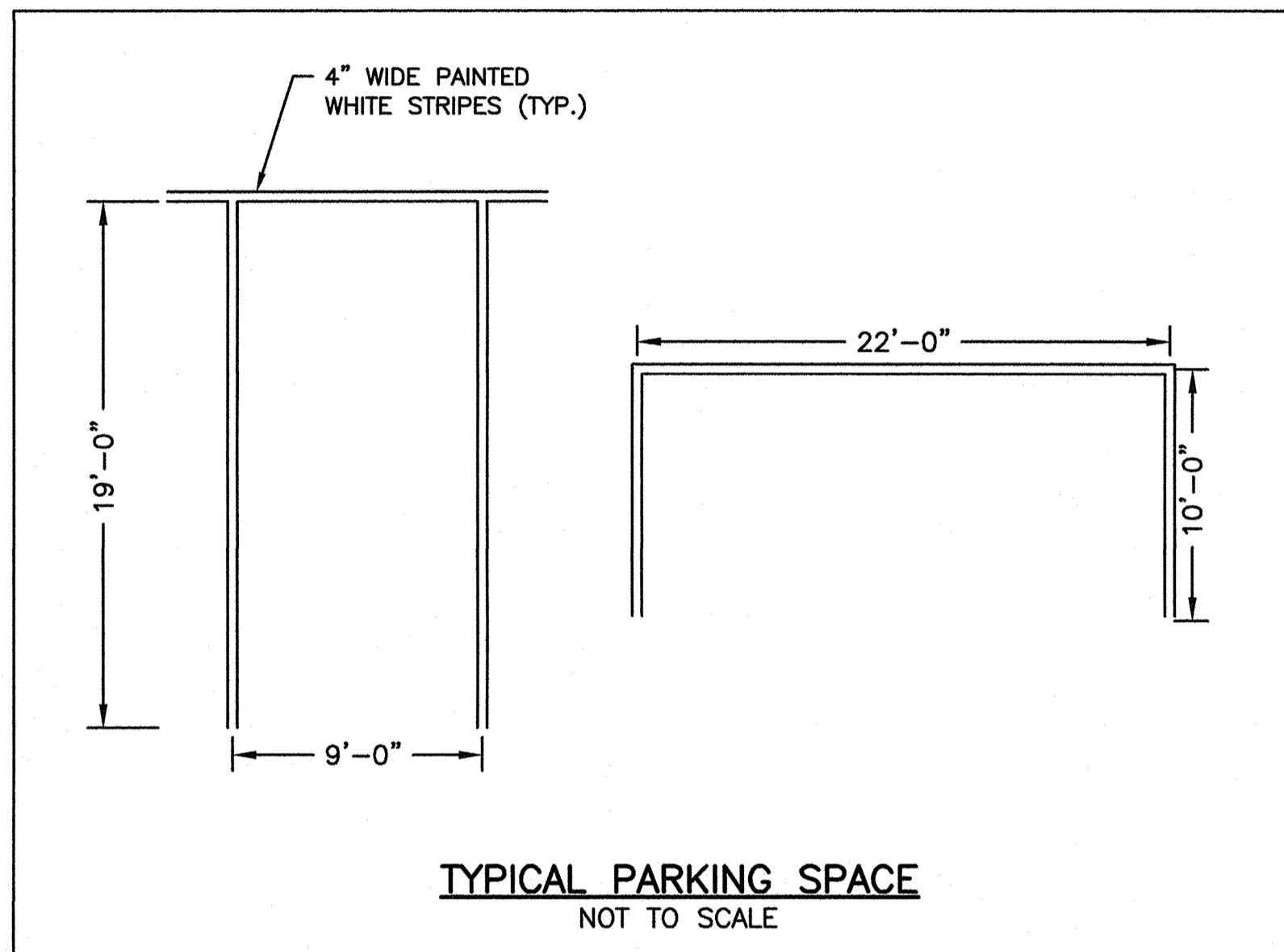
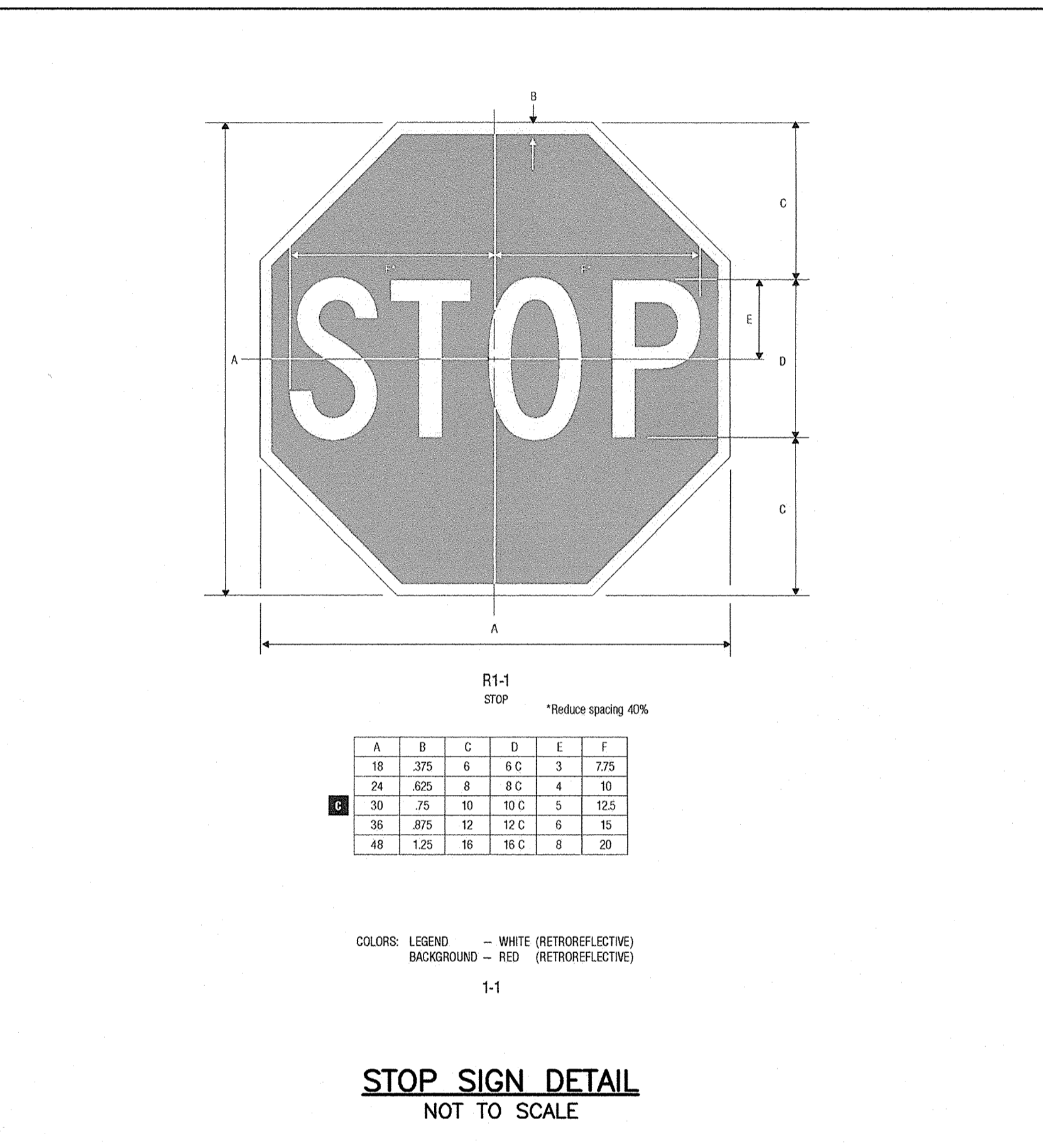
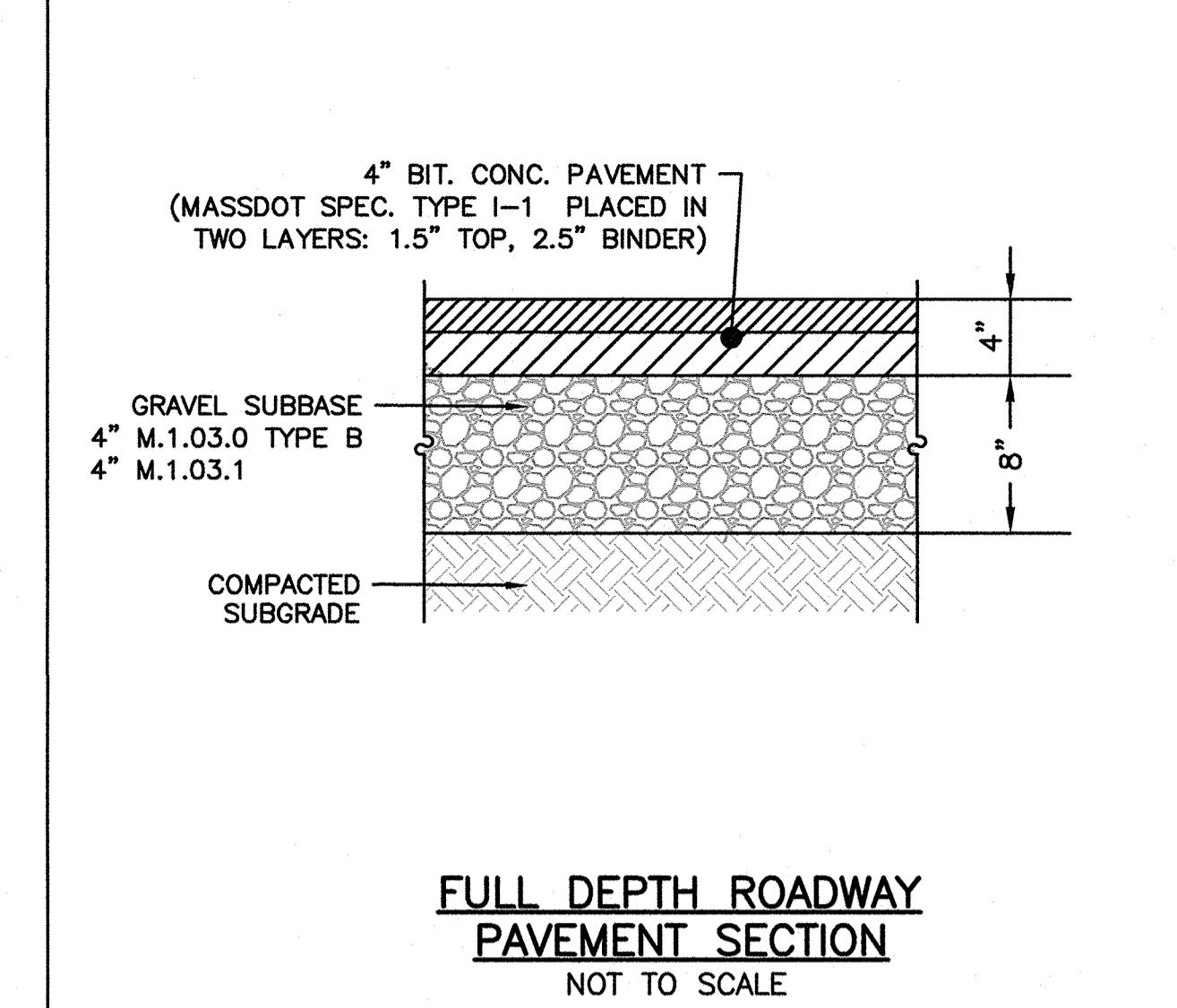
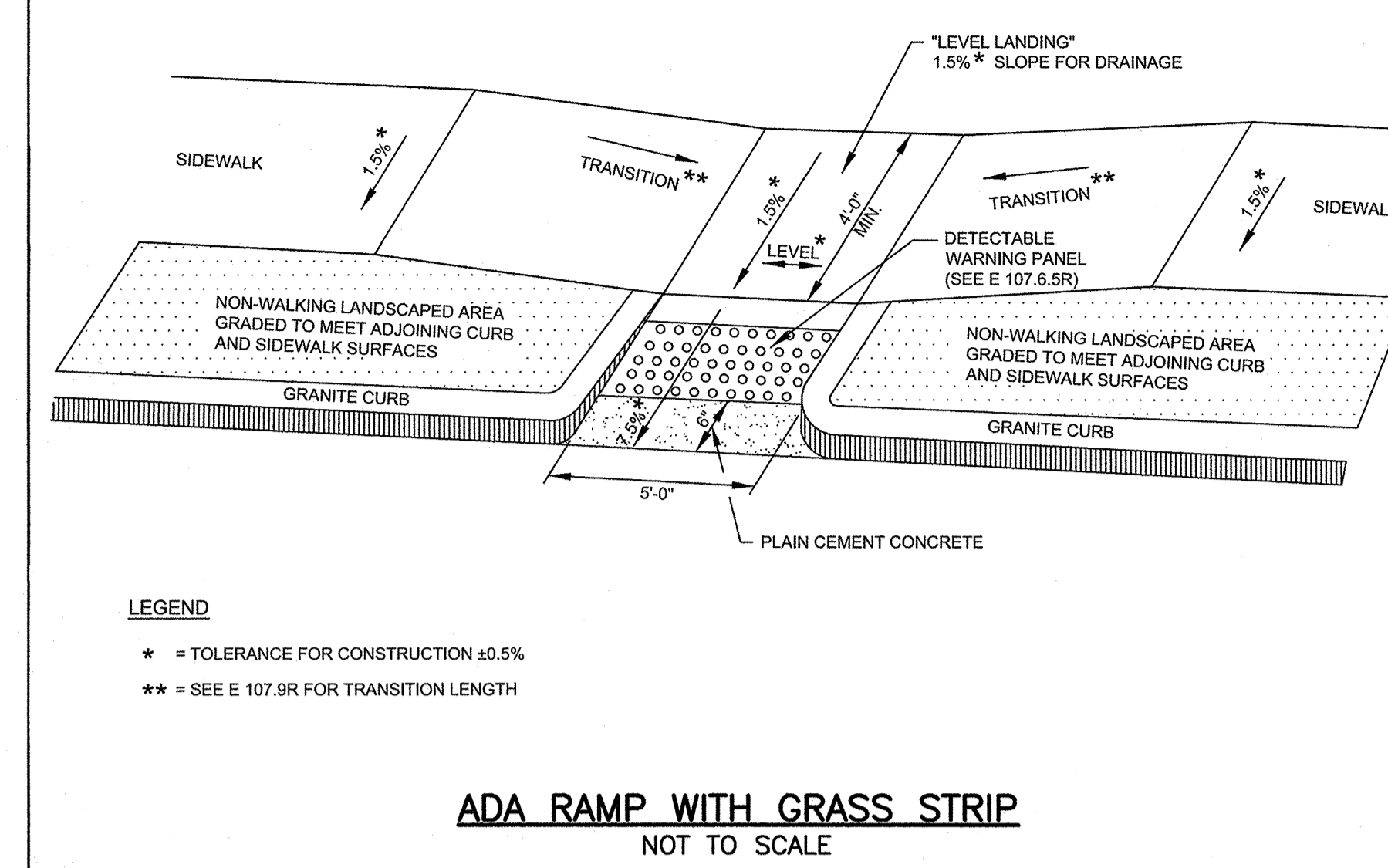
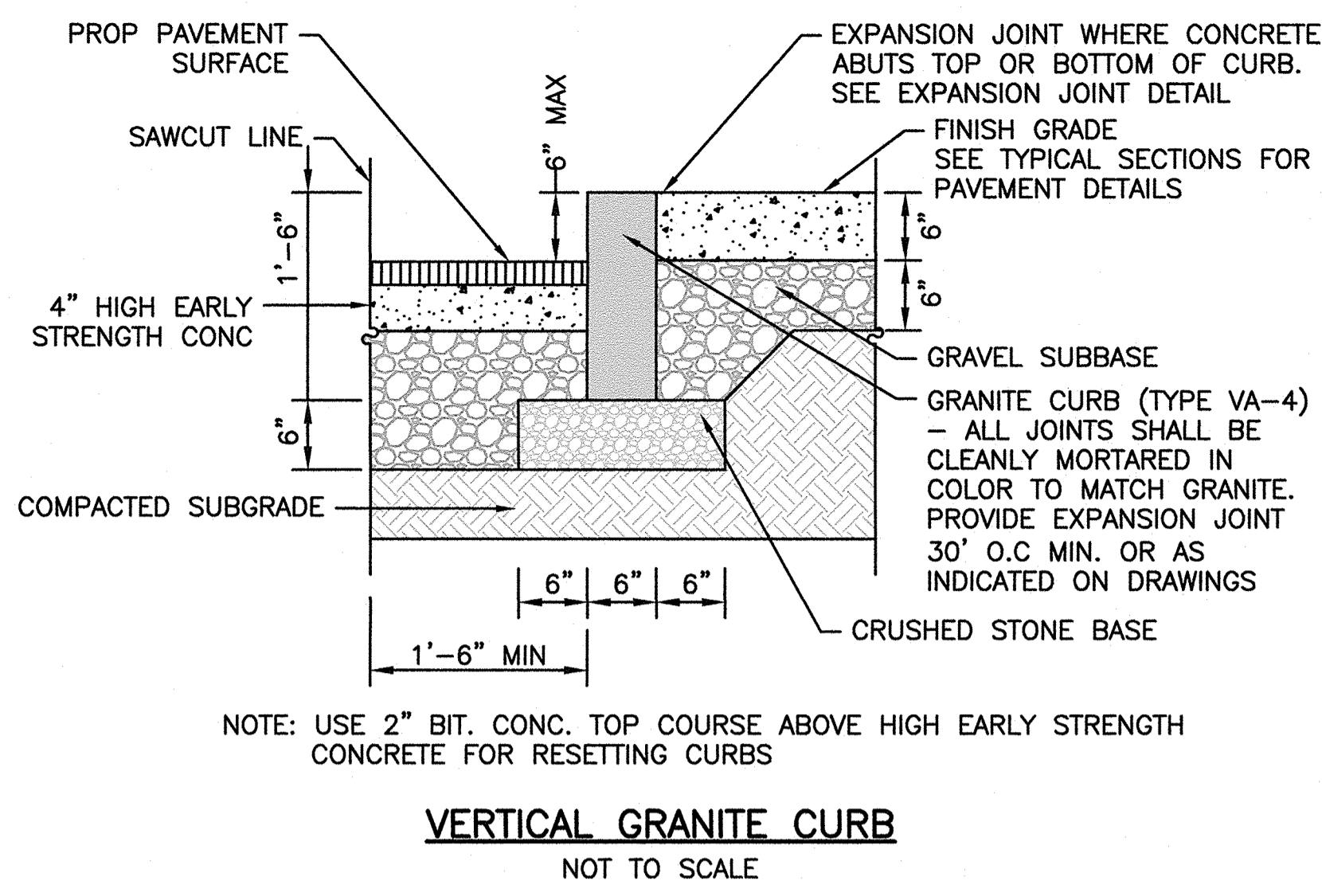
REVISIONS:

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DETAIL SHEET
 2 OF 9

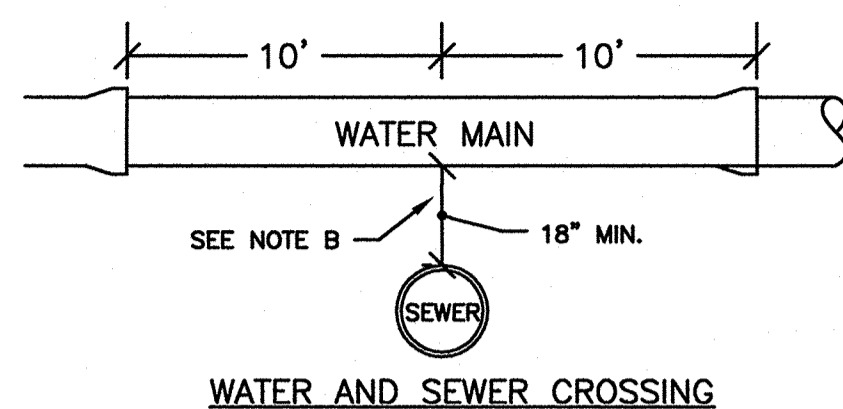
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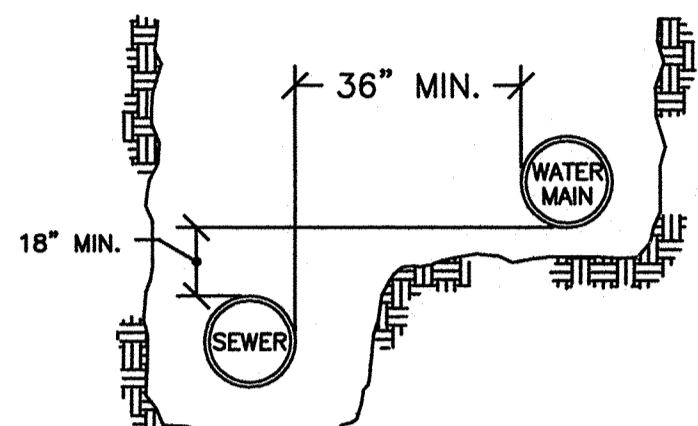
TOWN OF WRENTHAM - PLANNING BOARD

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 Keren Labrie



WATER AND SEWER CROSSING

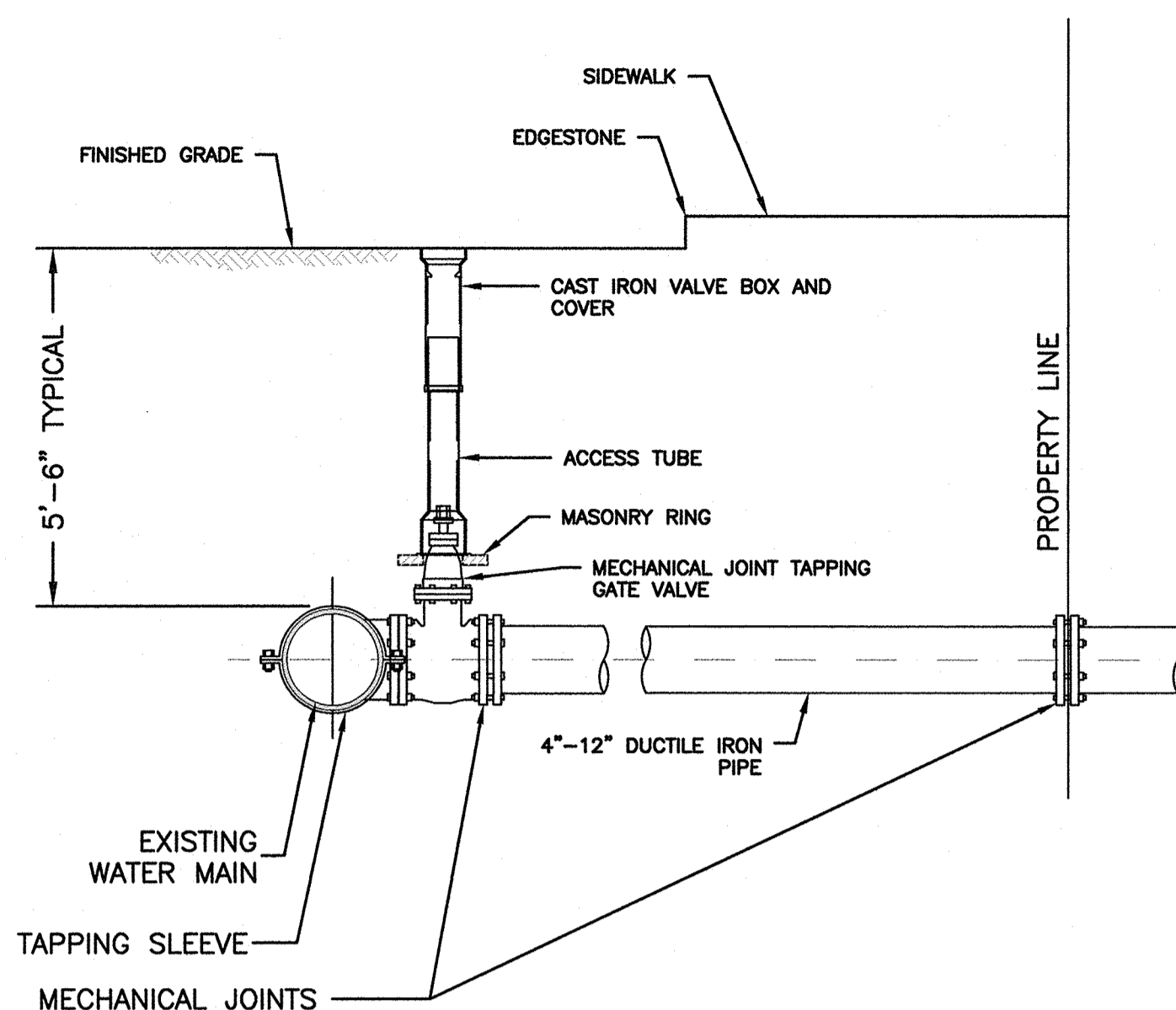


WATER AND SEWER LAID PARALLEL

- NOTES:**
THE SEPARATION OF WATER MAINS AND SEWERS SHALL COMPLY WITH THE FOLLOWING GENERAL REQUIREMENTS:
- A. PARALLEL INSTALLATION:**
- NORMAL CONDITIONS: THE INSIDE EDGE OF A WATER MAIN SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM THE INSIDE EDGE OF ANY SANITARY SEWER, STORM SEWER OR SEWER MANHOLE.
 - WHEN LOCAL CONDITIONS PREVENT A HORIZONTAL SEPARATION OF 10 FEET, ONE OF TWO METHODS MAY BE EMPLOYED. IN BOTH CASES THE INVERT OF THE WATER LINE MUST BE AT LEAST 18" ABOVE THE CROWN OF THE SEWER LINE.
- LAY WATER AND SEWER IN SEPARATE TRENCHES
 - LAY THE WATER AND SEWER IN THE SAME TRENCH WITH THE WATER MAIN ON ONE SIDE ON A BENCH OF UNDISTURBED EARTH WITH A MINIMUM HORIZONTAL SEPARATION FROM INSIDE PIPE TO INSIDE PIPE OF 36" FROM INSIDE PIPE TO INSIDE PIPE OF 36"
- B. CROSSINGS:**
- WHEN SEWERS MUST CROSS UNDER WATER MAINS, THE SEWER LAID SUCH THAT THE INVERT OF THE WATER LINE IS AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER LINE.
 - WHEN THE SEWER ELEVATION CANNOT BE VARIED TO MEET THE REQUIREMENT, THE WATER LINE MUST BE RELOCATED OR RECONSTRUCTED WITH MECHANICAL JOINT CEMENT LINED DUCTILE IRON PIPE FOR A DISTANCE OF 10 FT ON EACH SIDE OF THE SEWER.
 - WHEN IT IS IMPOSSIBLE TO OBTAIN EITHER OR BOTH OF THE ABOVE REQUIREMENTS, BOTH THE WATER AND SEWER LINES SHALL BE CONSTRUCTED OF MECHANICAL JOINT CEMENT LINED DUCTILE IRON PIPE OR OTHER EQUIVALENT MATERIAL. BOTH PIPES SHALL BE PRESSURE TESTED BY AN APPROVED METHOD TO ASSURE WATER TIGHTNESS OR BOTH PIPES SHALL BE ENCASED IN CONCRETE.

SEWER/WATER SEPARATION & CROSSING DETAIL

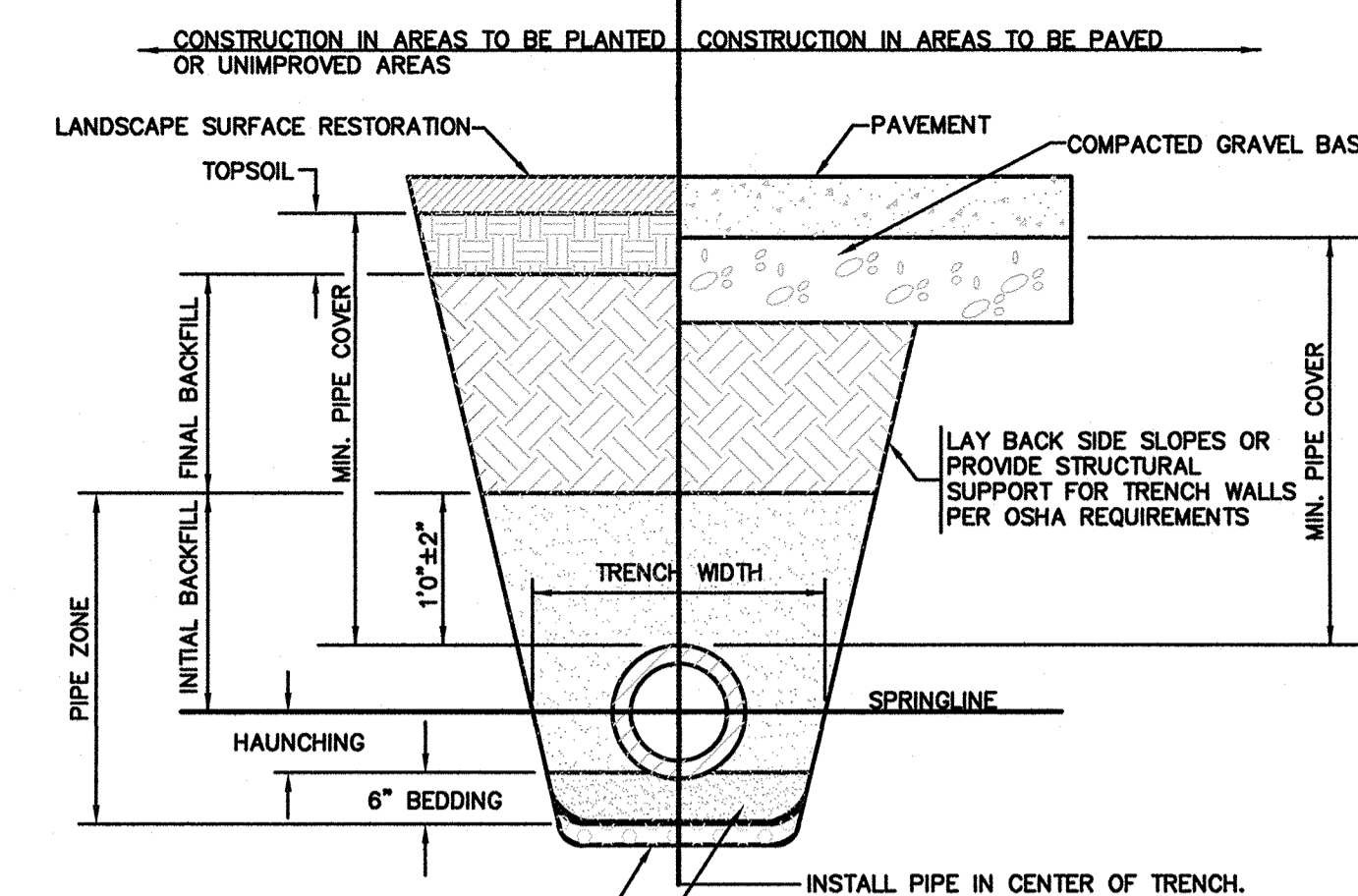
NOT TO SCALE



TAPPING SLEEVE & VALVE

NOT TO SCALE

- NOTES:**
- CONCRETE THRUST BLOCK TO BE USED ONLY WHERE IT WILL BEAR ON UNDISTURBED EARTH.
 - USE RESTRAINED JOINT FITTINGS OR TIE RODS WHERE CONCRETE THRUST BLOCK IS UNACCEPTABLE.
 - SIZE OF BLOCK OR MEGALUG TO BE DESIGNED FOR SPECIFIC CONDITIONS.



FOUNDATION STABILIZATION WHEN REQUIRED BY ENGINEER. OTHERWISE, PLACE BEDDING ON UNDISTURBED NATURAL SOIL.

SHAPE BEDDING BY HAND TO FIT BOTTOM OF PIPE. INSTALL PIPE ON STABLE BEDDING WITH UNIFORM BEARING UNDER FULL LENGTH OF PIPE BARREL.

TRENCH WIDTH:
[1] MINIMUM WIDTH OF TRENCH MEASURED AT SPRINGLINE OF PIPE, INCLUDING ANY NECESSARY SHEATHING:

PIPE I.D.	WIDTH
6" TO 42"	O.D. + 24"
GREATER THAN 42"	O.D. + 30"

MINIMUM PIPE COVER:
[1] MINIMUM SOIL COVER OVER TOP OF PIPE.

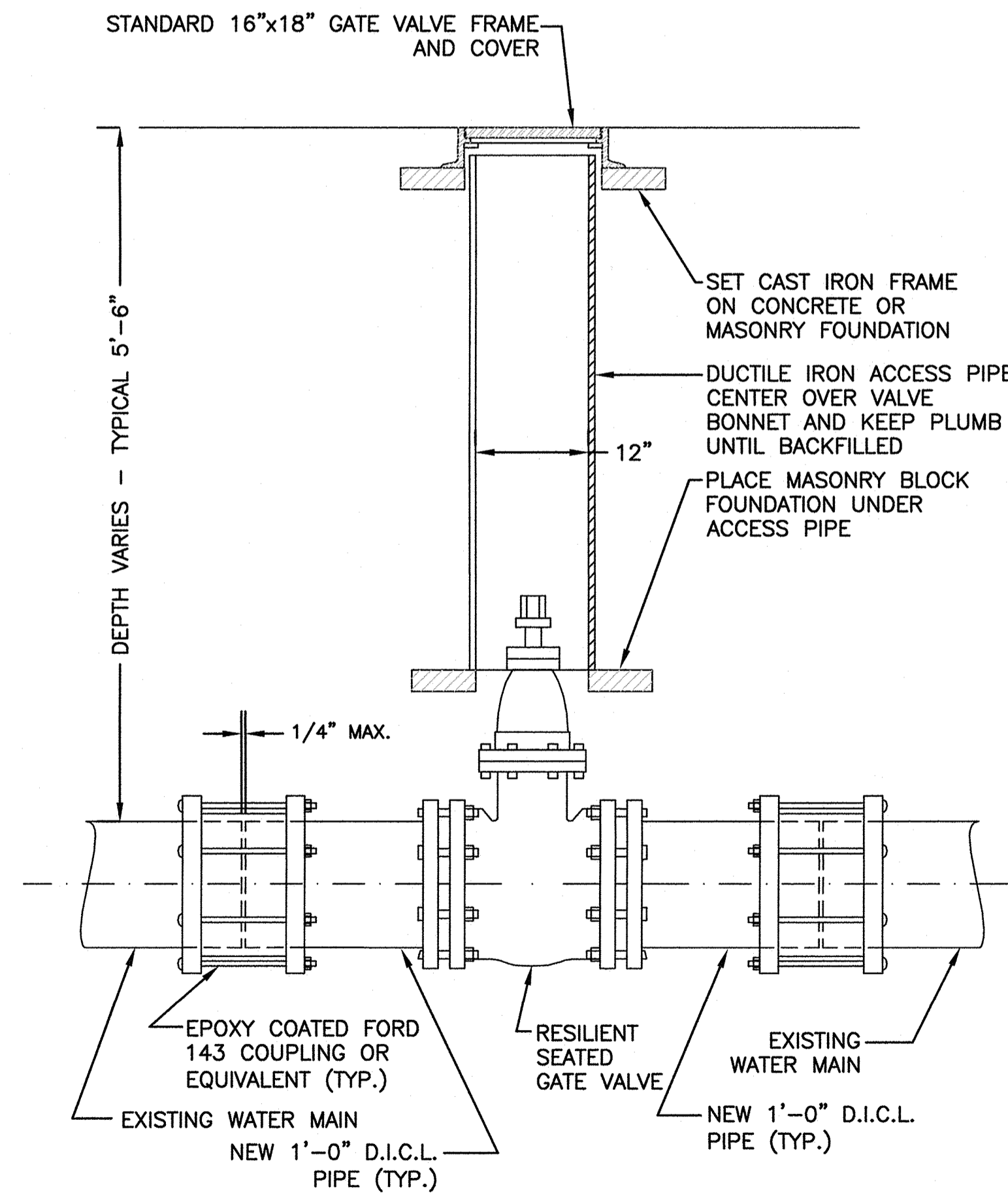
PIPE MATERIAL	HDP, PVC	RC, DI
WATER	5' - 0"	5' - 0"
SEWER	2' - 0"	2' - 0"
DRAIN	1' - 0"	1' - 0"

MATERIAL KEY NOTES (SEE TABLE BELOW):
[1] PLACE 2" MINUS CRUSHED STONE.
[2] PLACE 1/2" MINUS SAND BORROW (MHD M1.04.1), AT OPTIMUM MOISTURE IN HORIZONTAL 6" DEEP LOOSE LAYERS, COMPACT TO 95% PER ASTM D-1557 MODIFIED PROCTOR METHOD.
[3] IN PLANTED OR UNIMPROVED AREAS, USE 2-INCH MINUS ON-SITE EXCAVATED MATERIAL. COMPACT TO 95% PER ASTM D-1557. IN PAVED AREAS, OBTAIN ENGINEER APPROVAL OF 2-INCH MINUS ON-SITE EXCAVATED MATERIALS.

FOUNDATION, BEDDING AND BACKFILL MATERIALS		
PIPE MATERIAL	HDP, PVC	RC, DI
FOUNDATION STABILIZATION	[NOTE 1]	[NOTE 1]
BEDDING	[NOTE 2]	[NOTE 2]
HAUNCHING	[NOTE 2]	[NOTE 2]
INITIAL BACKFILL	[NOTE 2]	[NOTE 2]
FINAL BACKFILL	[NOTE 3]	[NOTE 3]

PIPE TRENCH

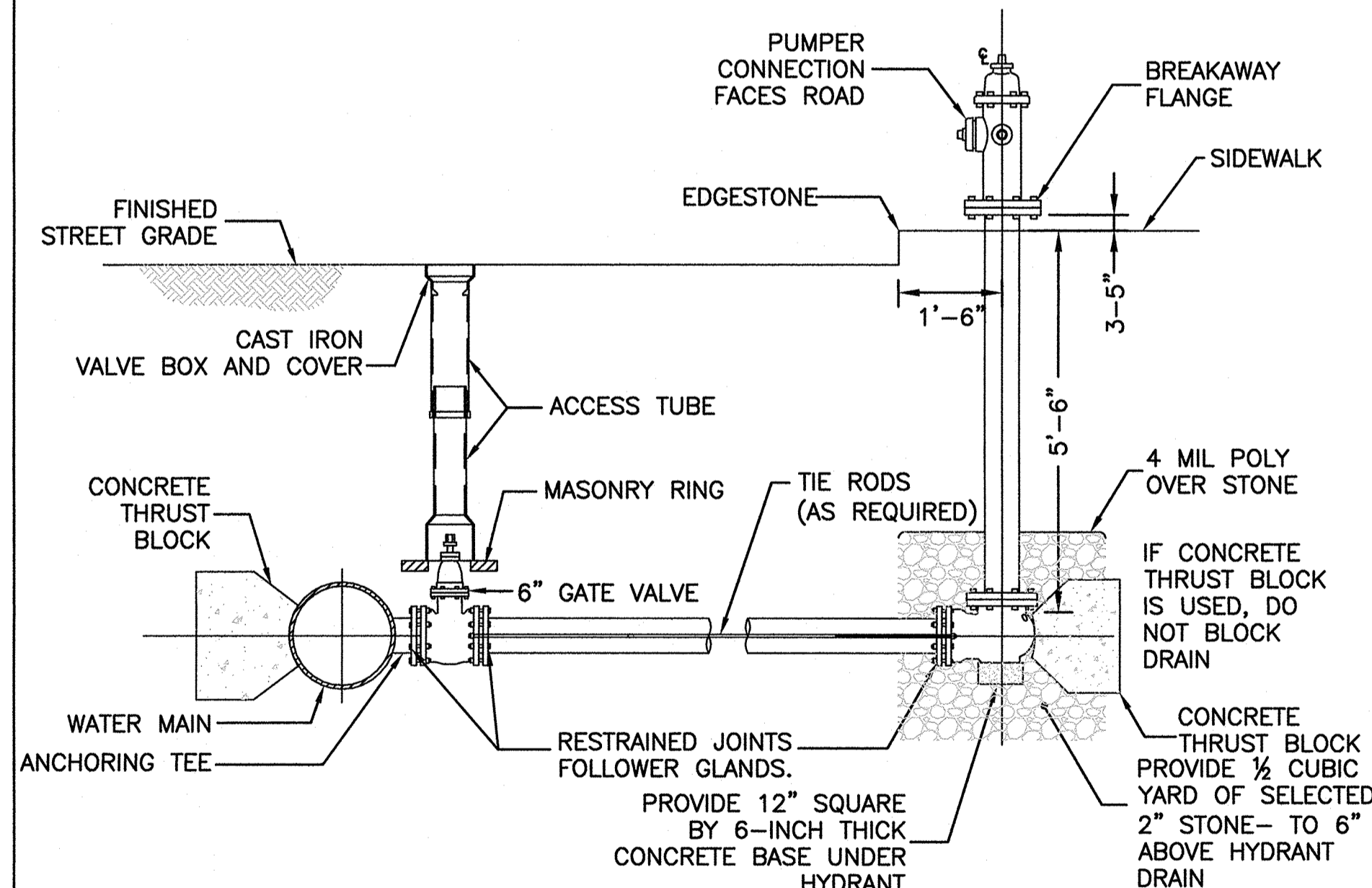
NOT TO SCALE



TYPICAL GATE VALVE INSTALLATION

NOT TO SCALE

- NOTE:**
- ALL EXCAVATION AND BACKFILLING AND PAVING SHALL BE IN ACCORDANCE WITH THE CITY OF BOSTON REQUIREMENTS.

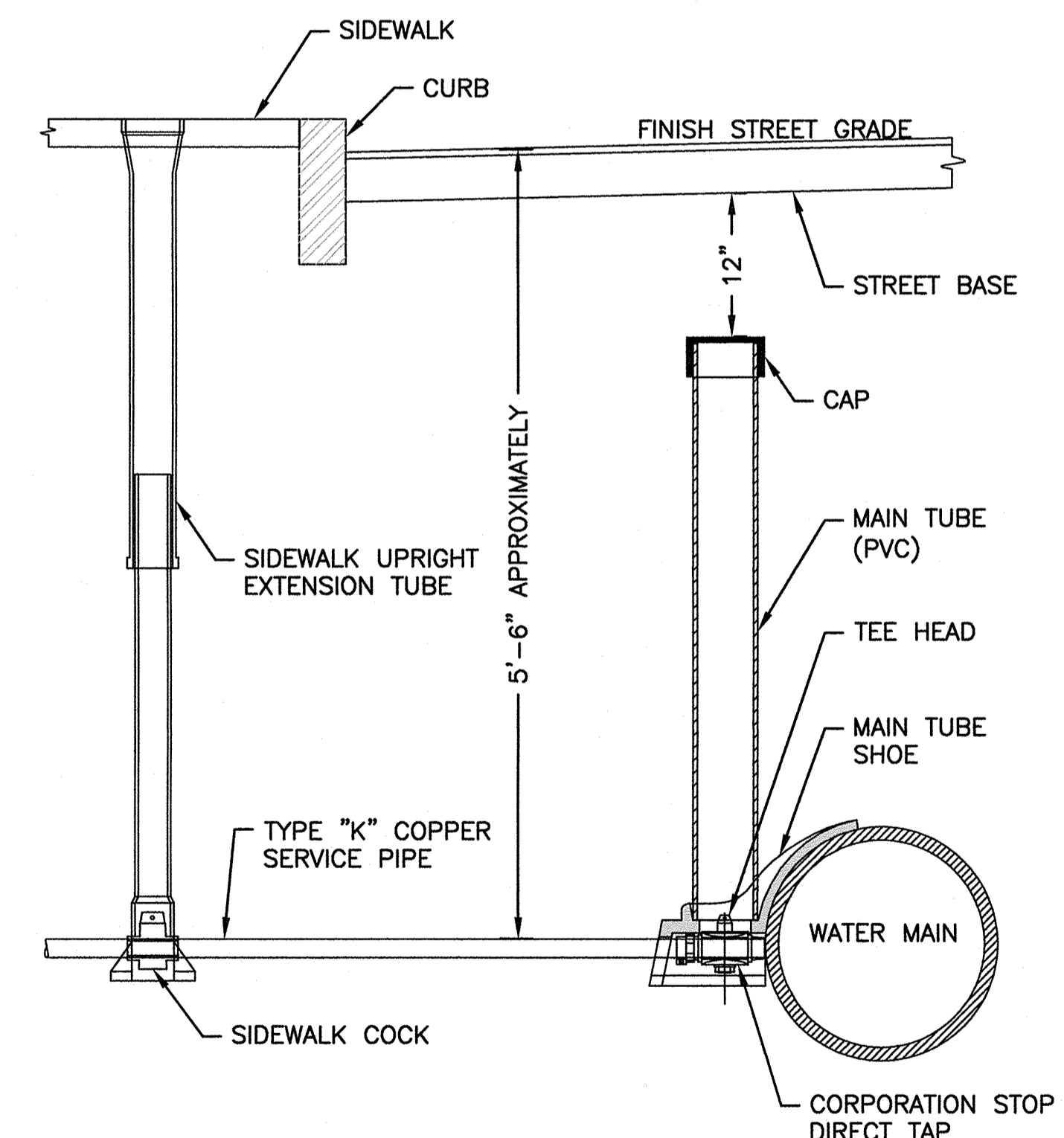


NOTES:

- HYDRANT TO BE EITHER AFC AMERICAN DARLING B-62-B OR THE KENNEDY GUARDIAN K-81D HYDRANT.
- HYDRANTS SHALL BE OPEN LEFT
- THE DIRECTION OF THE NOZZLES CAN BE CHANGED 360 DEGREES BY ROTATING THE HYDRANT WITHOUT DIGGING UP THE HYDRANT
- HYDRANT SHALL HAVE TWO (2) 2.5" HOSE NOZZLES AND ONE (1) 4.5" PUMPER NOZZLE.

TYPICAL FIRE HYDRANT CONNECTION FOR HIGH OR LOW SERVICE LINE

NOT TO SCALE



NOTE: IF A SIDEWALK IS NOT PRESENT, PROVIDE A BUFFALO STYLE BOX AT A SIMILAR DISTANCE OFF THE BACK OF THE CURB (6'-7')

**TYPICAL WATER CONNECTION
1" SERVICE PIPE**

NOT TO SCALE

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SIGNATURE	DATE

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SHELDON MEADOW, LLC
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

SHELDON MEADOW
20 HANCOCK STREET
WRENTHAM, MA, 02093
NORFOLK COUNTY

REVISIONS:

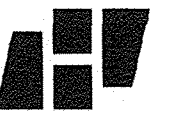
NO	BY	DATE	DESCRIPTION



**DETAIL SHEET
3 OF 9**

DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE

C10.3



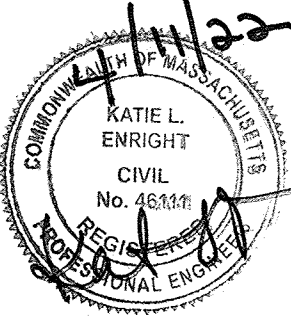
HOWARD STEIN HUDSON
114 Turnpike Road, Suite 2C
Chelmsford, MA 01824
www.hshassoc.com

PREPARED FOR:
SHELDON MEADOW, LLC
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

SHELDON MEADOW
20 HANCOCK STREET
WRENTHAM, MA, 02093
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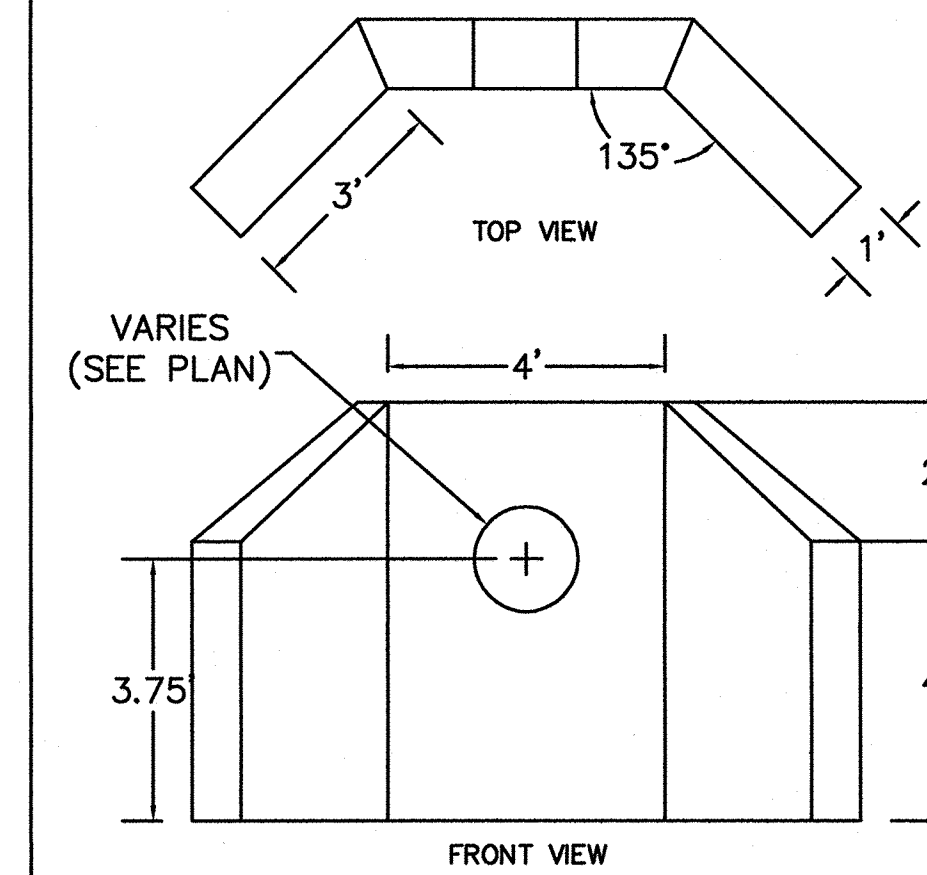
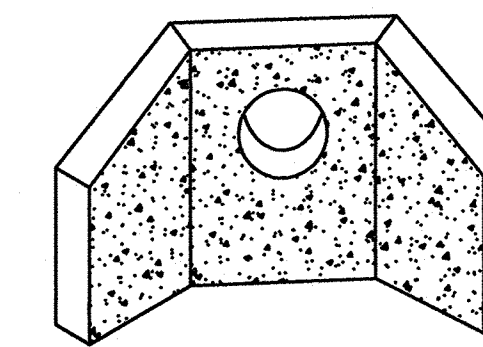
NO	BY	DATE	DESCRIPTION



DETAIL SHEET
4 OF 9

DATE: APRIL 11, 2022
PROJECT NUMBER: 19227.01
DESIGNED BY: KL/KF/MB
DRAWN BY: KL/KF/MB
CHECKED BY: KE

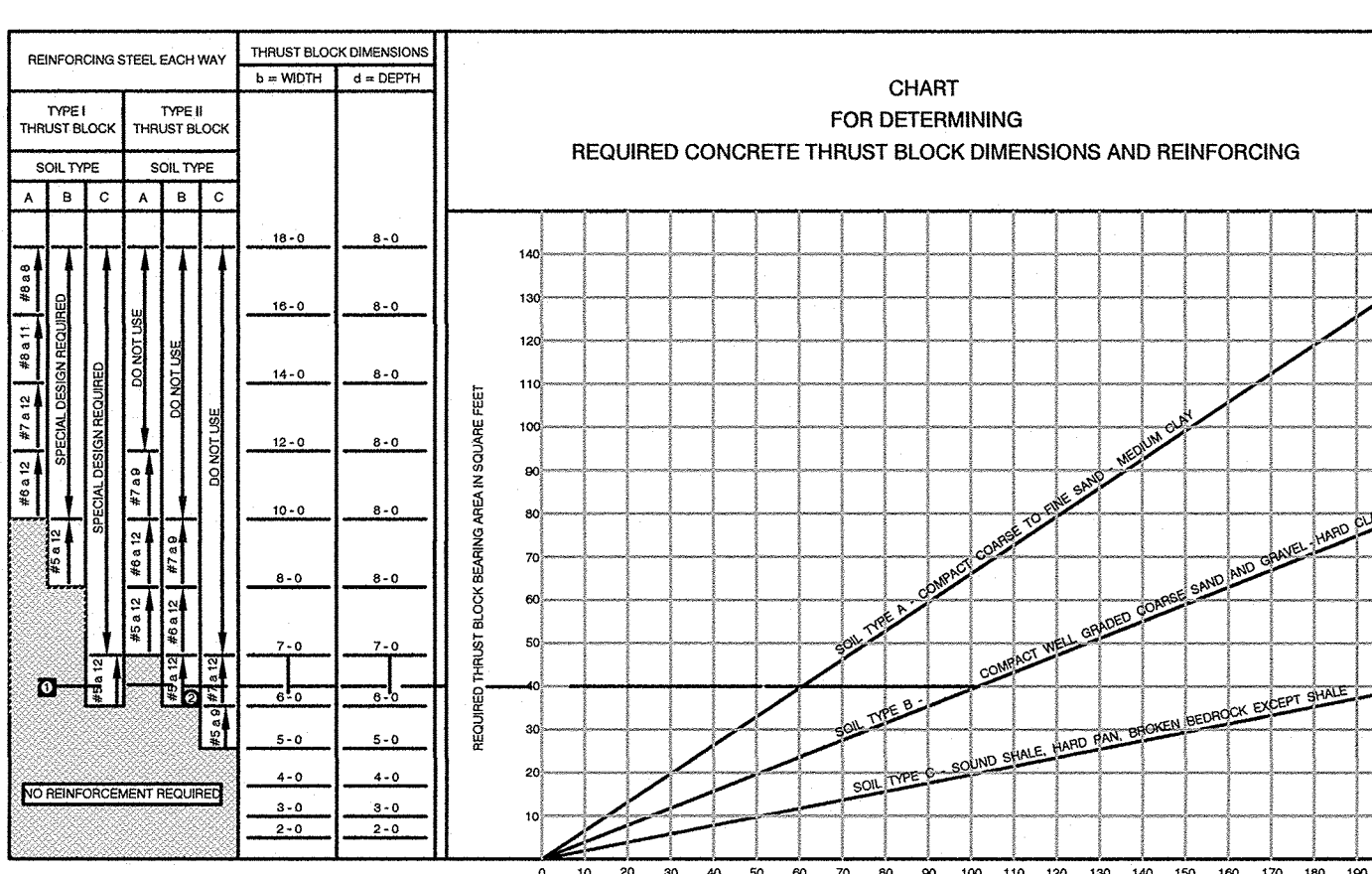
C10.4
SHEET 29 OF 34



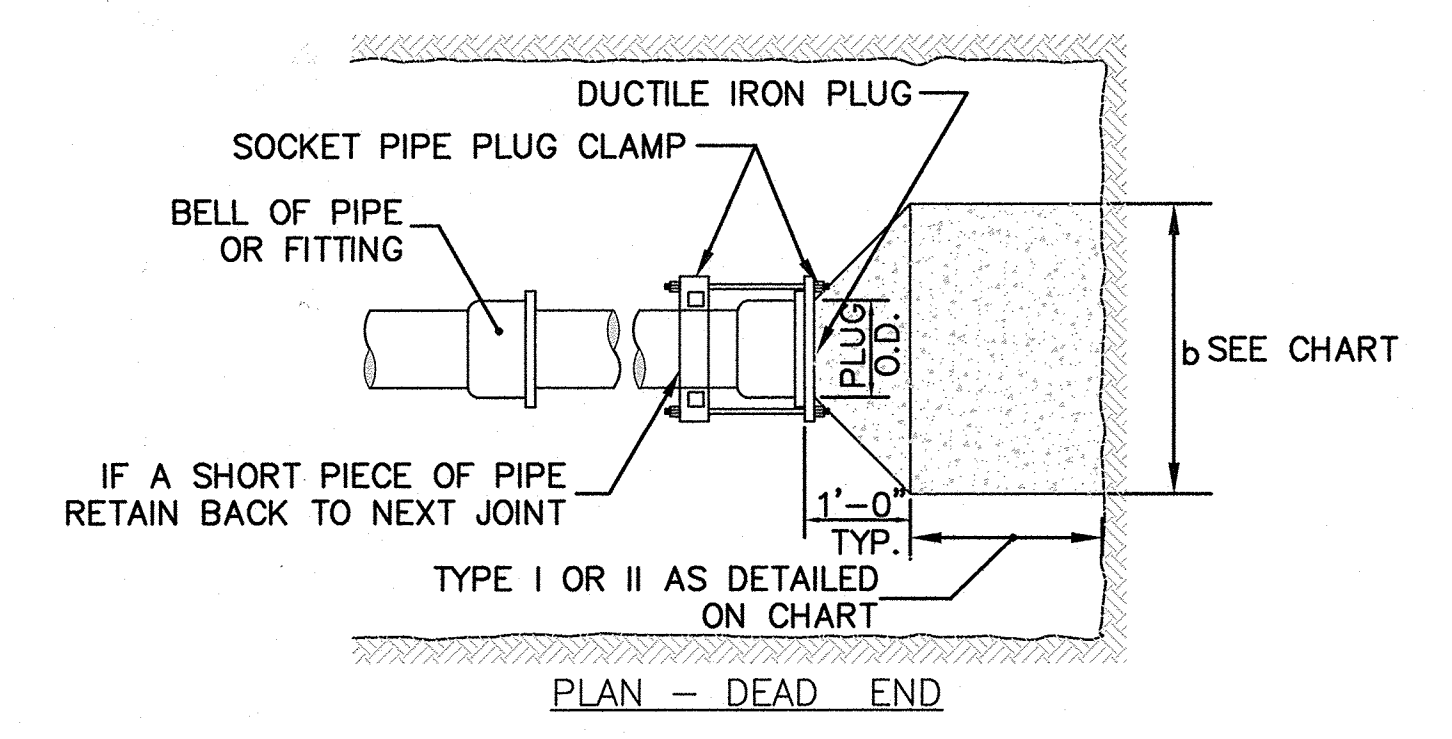
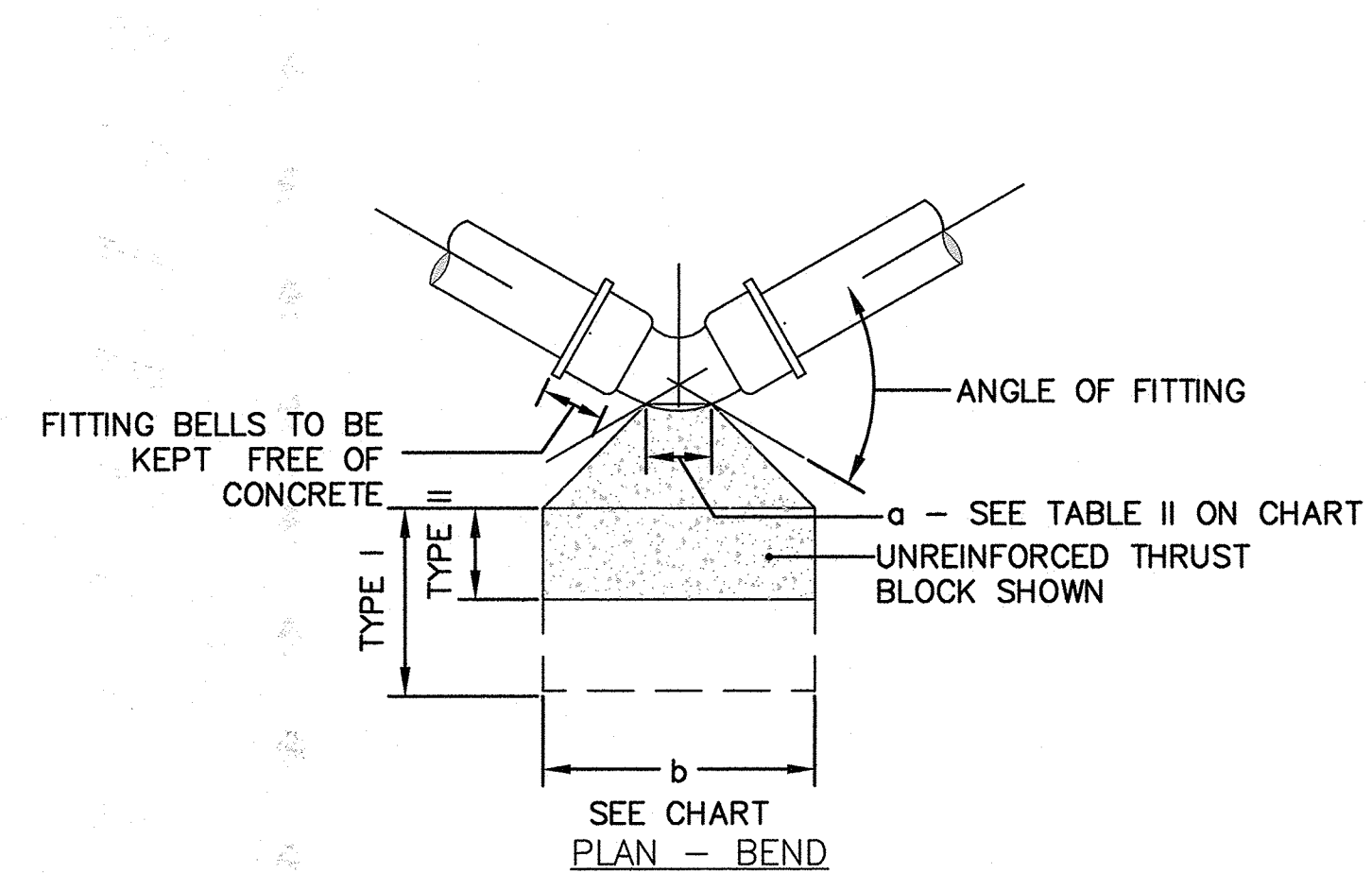
NOTES:
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
SHEA CONCRETE WING HEADWALL
NOT TO SCALE

TABLE I - THRUST - KIPS (WATER PRESSURE = 200 P.S.I.)

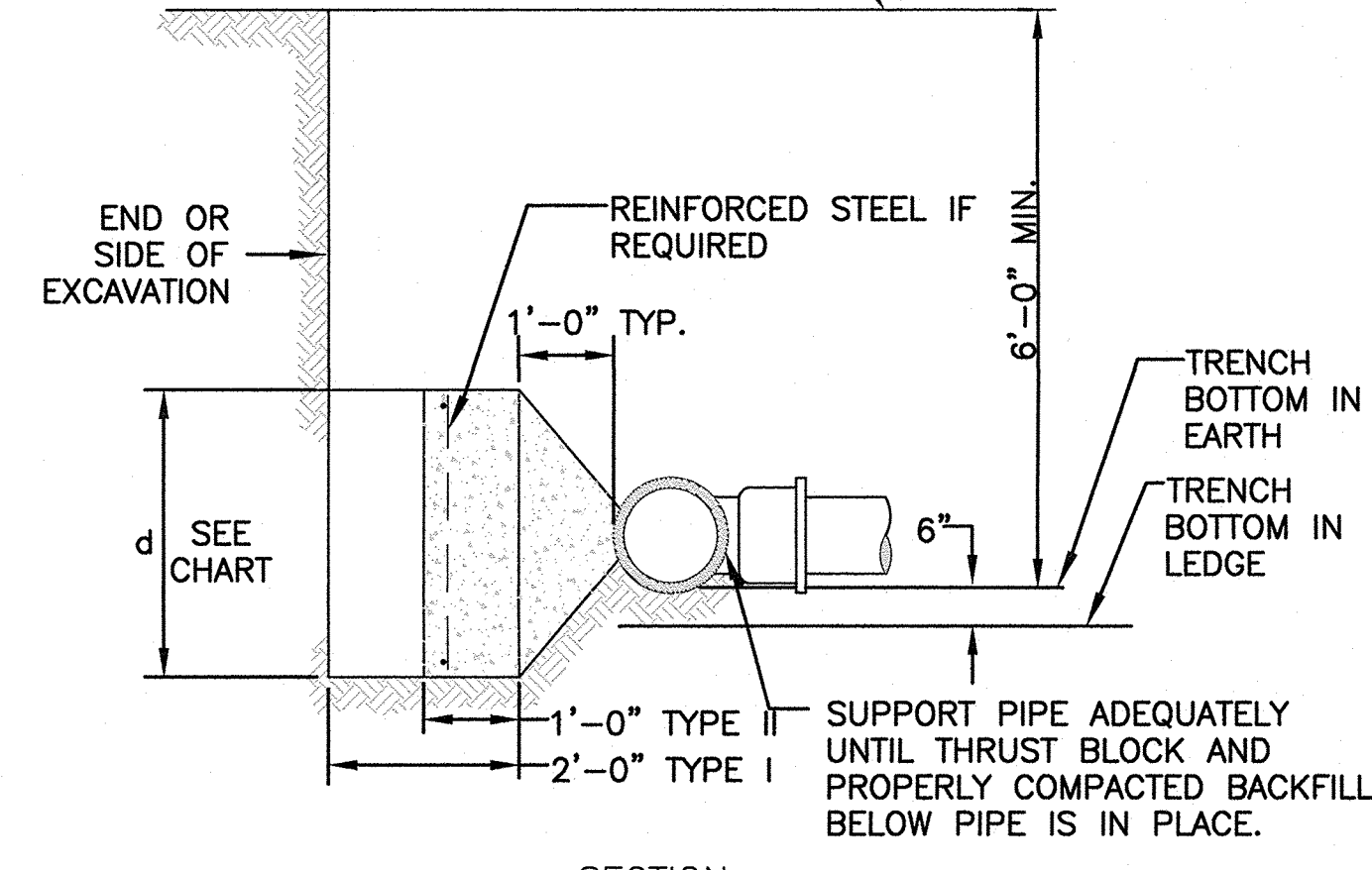
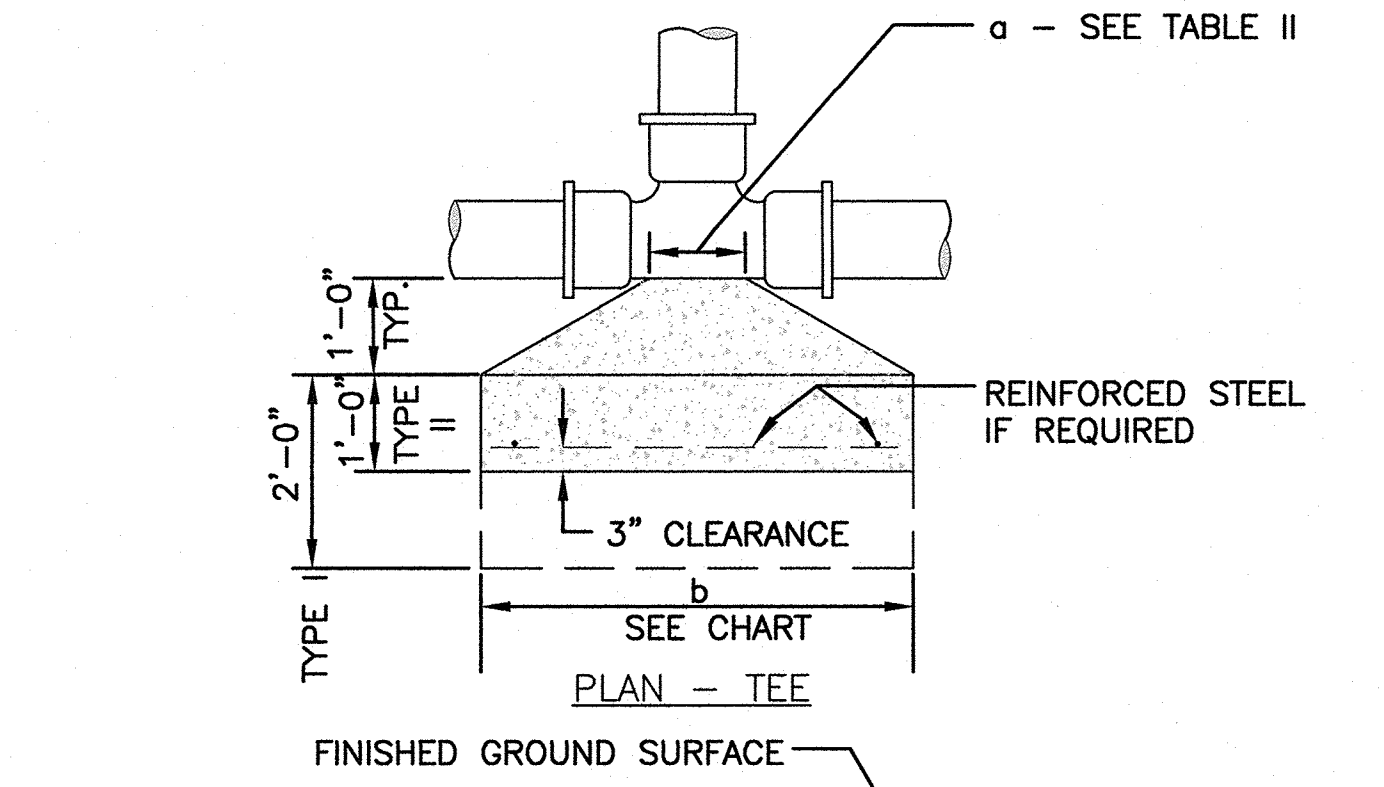
PIPE DIAMETER (IN.)	8	10	12	16	20	24	30	36	42
THRUST	5.8	10	15.5	32.8	62.2	92.4	141.0	204.0	277.0



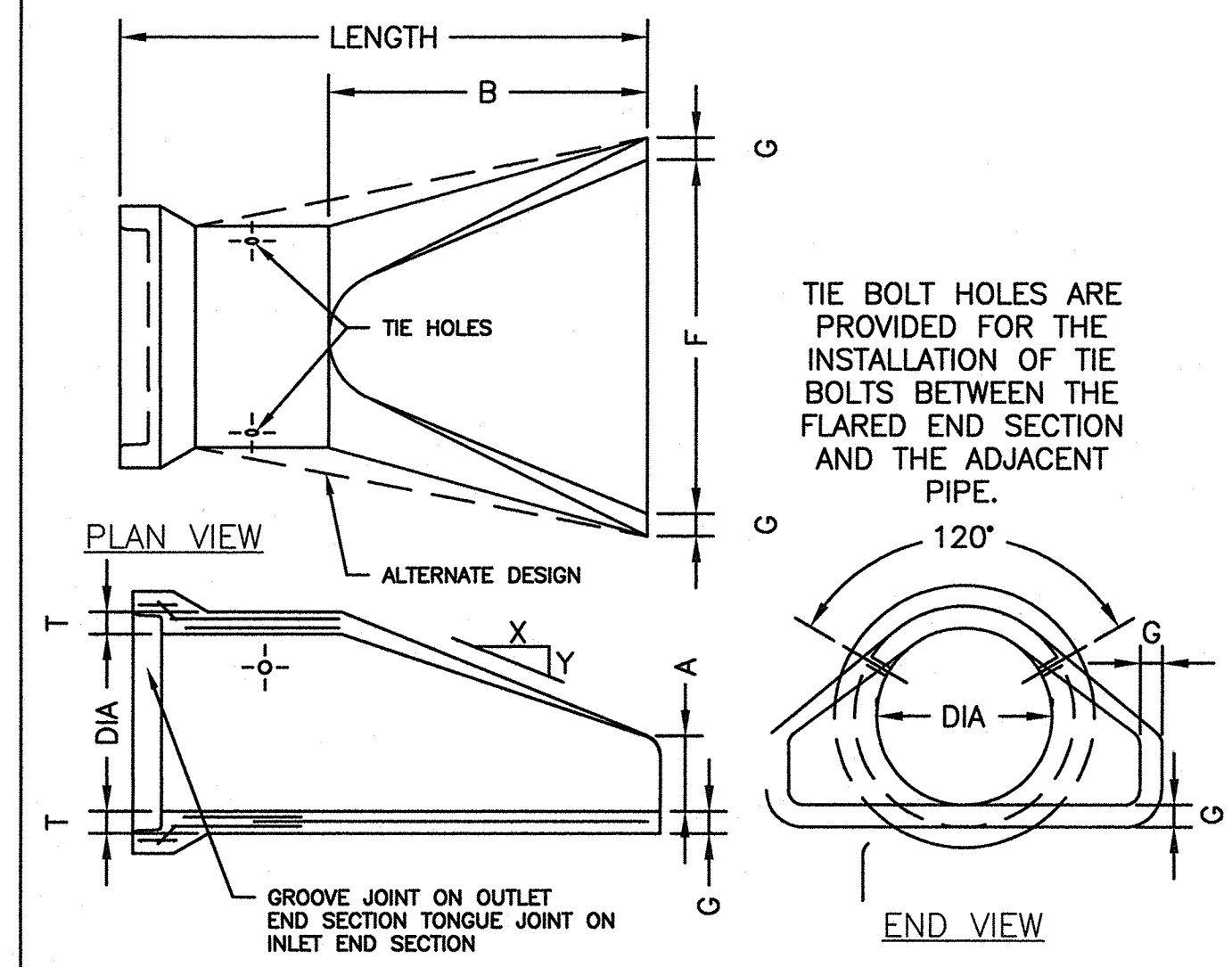
THRUST BLOCK DIMENSIONS
NOT TO SCALE



THRUST BLOCK
NOT TO SCALE



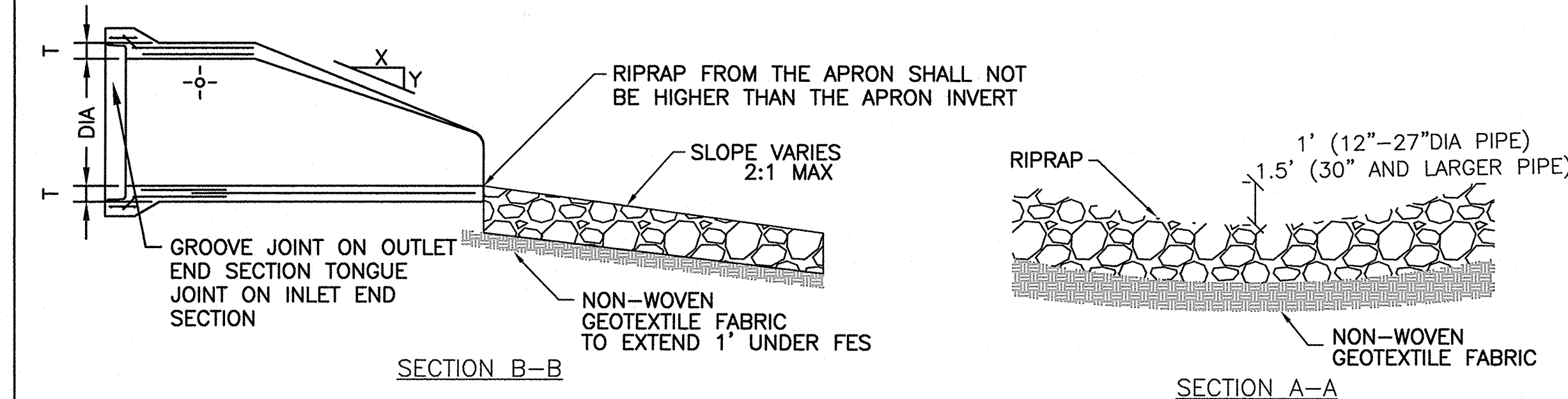
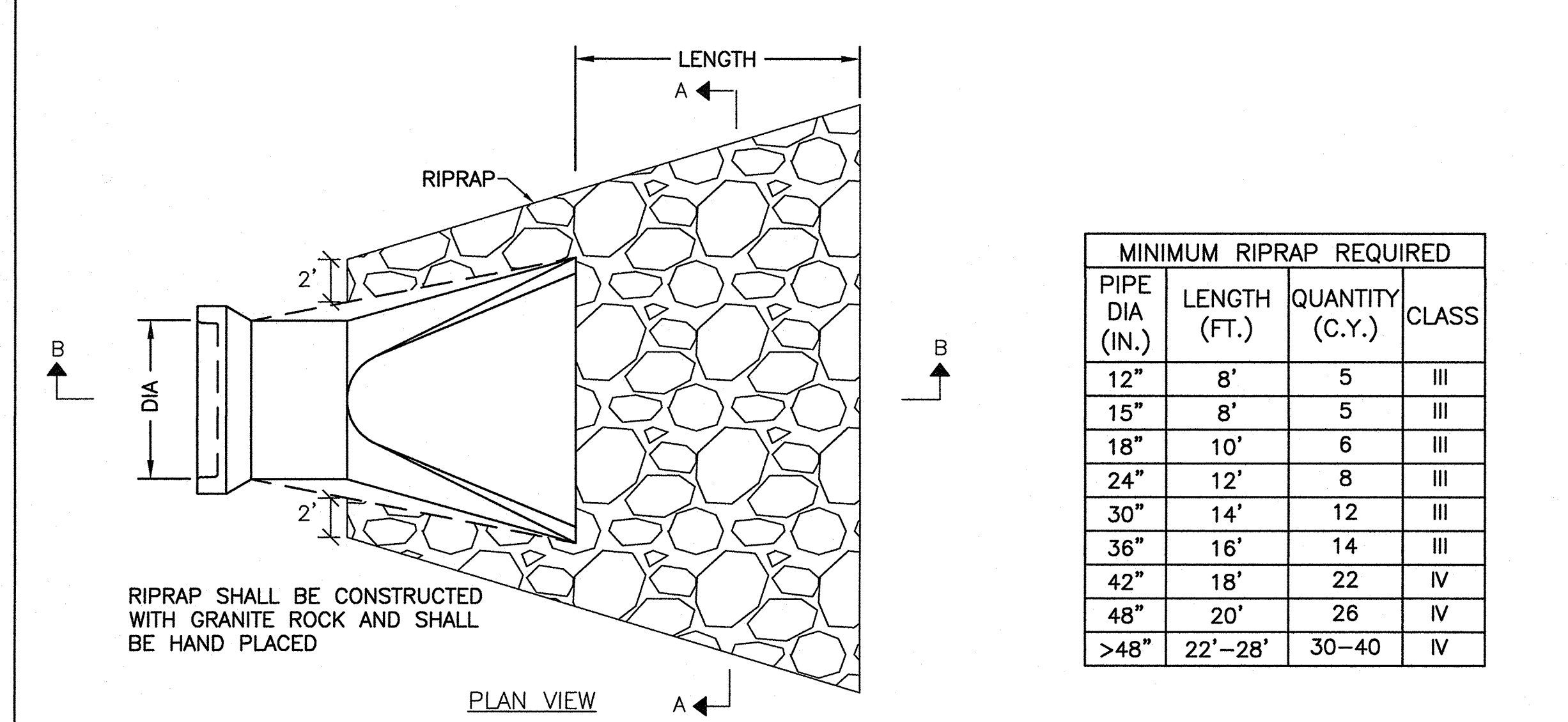
THRUST BLOCK
NOT TO SCALE



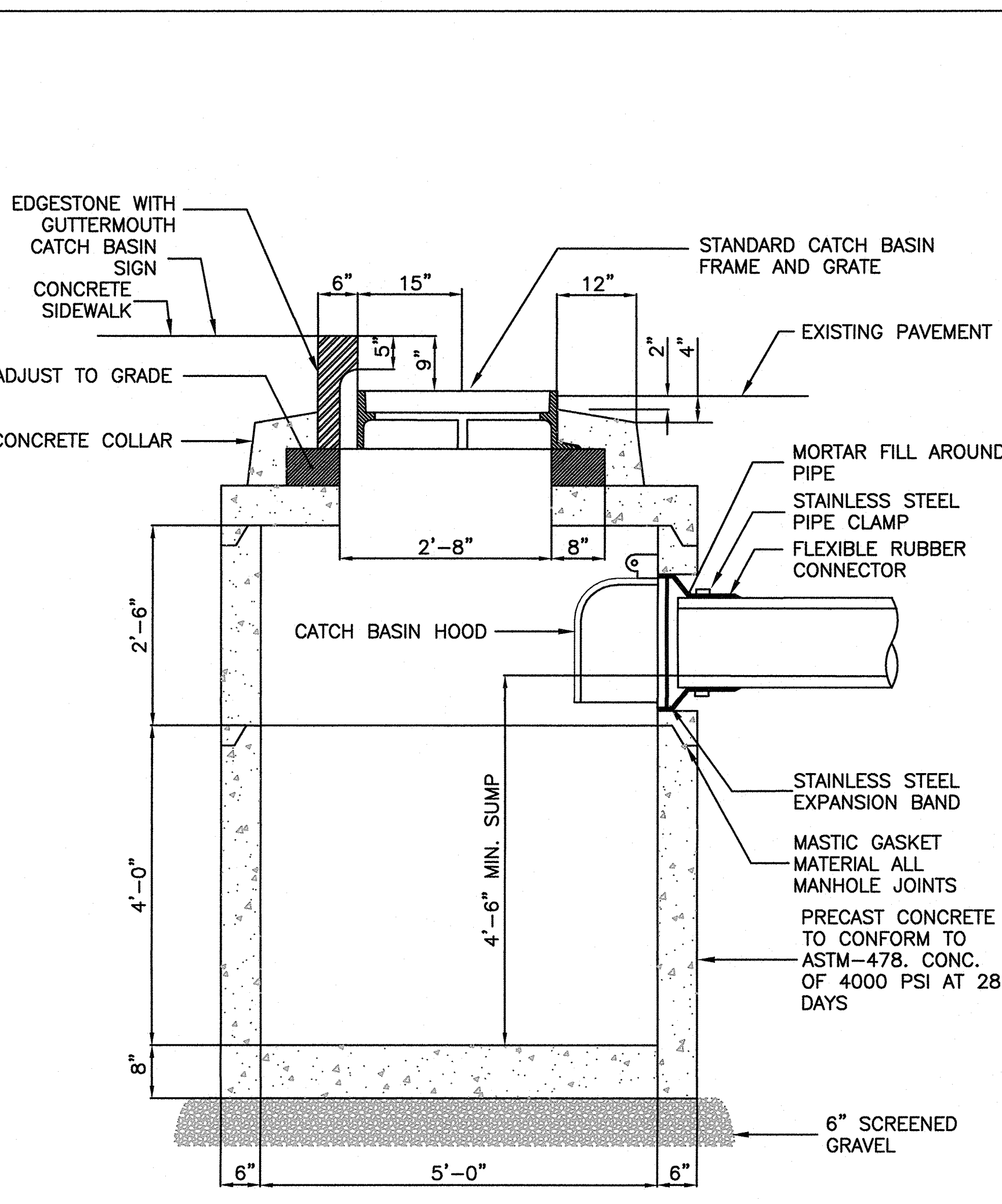
MINIMUM RIPRAP REQUIRED

PIPE DIA (IN.)	LENGTH (FT.)	QUANTITY (C.Y.)	CLASS
12"	8'	5	III
15"	8'	5	III
18"	10'	6	III
24"	12'	8	III
30"	14'	12	III
36"	16'	14	III
42"	18'	22	IV
48"	20'	26	IV
>48"	22'-28'	30-40	IV

FLARED END OUTLET
NOT TO SCALE



RIPRAP FOR FLARED END SECTION
NOT TO SCALE



SHALLOW CATCH BASIN (B-01d)
NOT TO SCALE

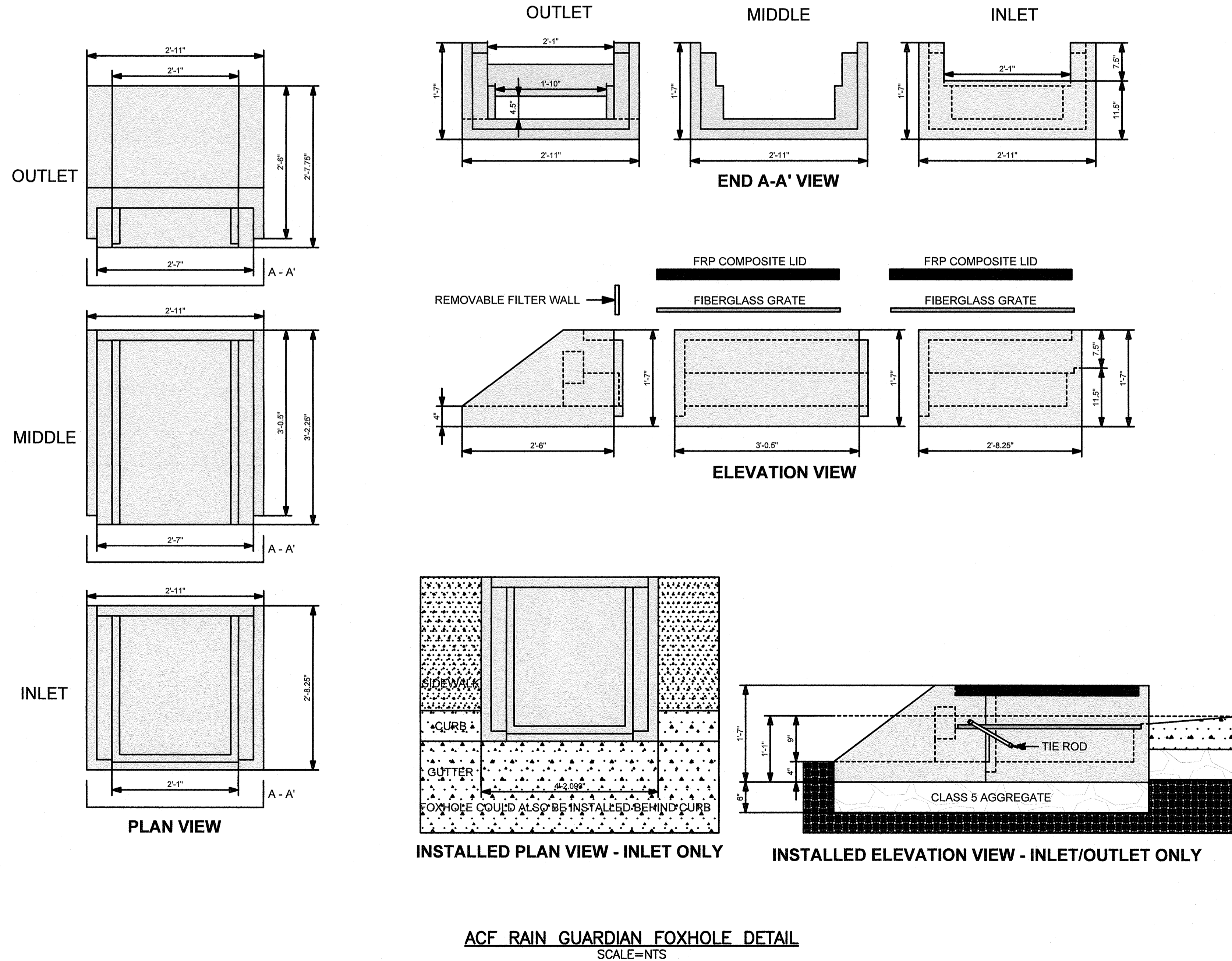
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SPECIFICATIONS

1. STEEL REINFORCED, COLD JOINT SECURED MONOLITHIC CONCRETE STRUCTURES (INLET 875 LBS, MIDDLE 965 LBS, AND OUTLET 730 LBS). CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. CONCRETE AIR ENTRAINED (4% TO 8% BY VOLUME). MANUFACTURED AND DESIGNED TO ASTM C858.
2. 2-POINT PICK USING RECESSED LIFTING POCKETS WITH A STANDARD HOOK.
3. FIBERGLASS GRATE (11 LBS/PIECE).
4. FRP COMPOSITE LID (36 LBS/PIECE) WITH CONCENTRATED LOAD CAPACITY OF 3,400 LBS.

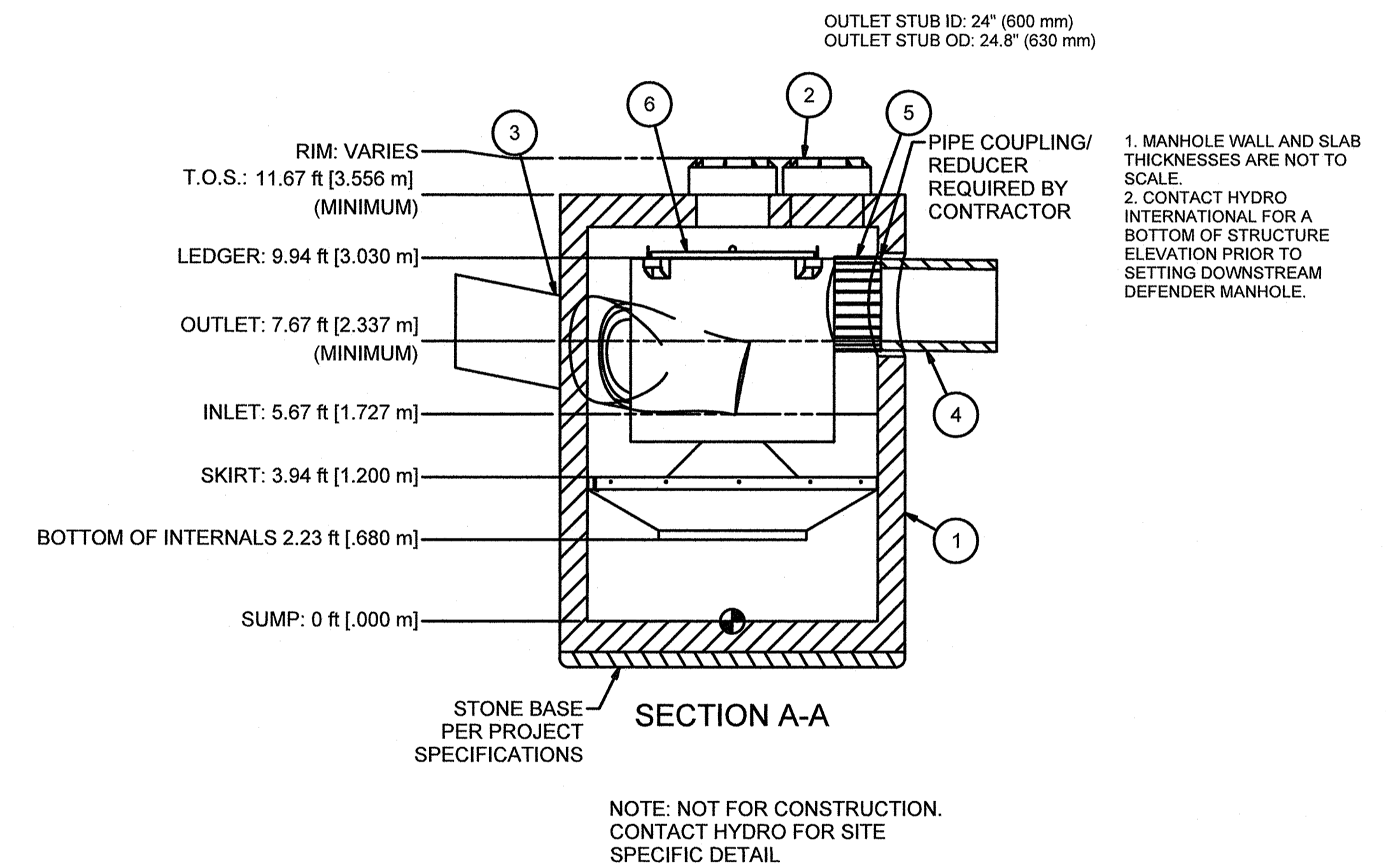
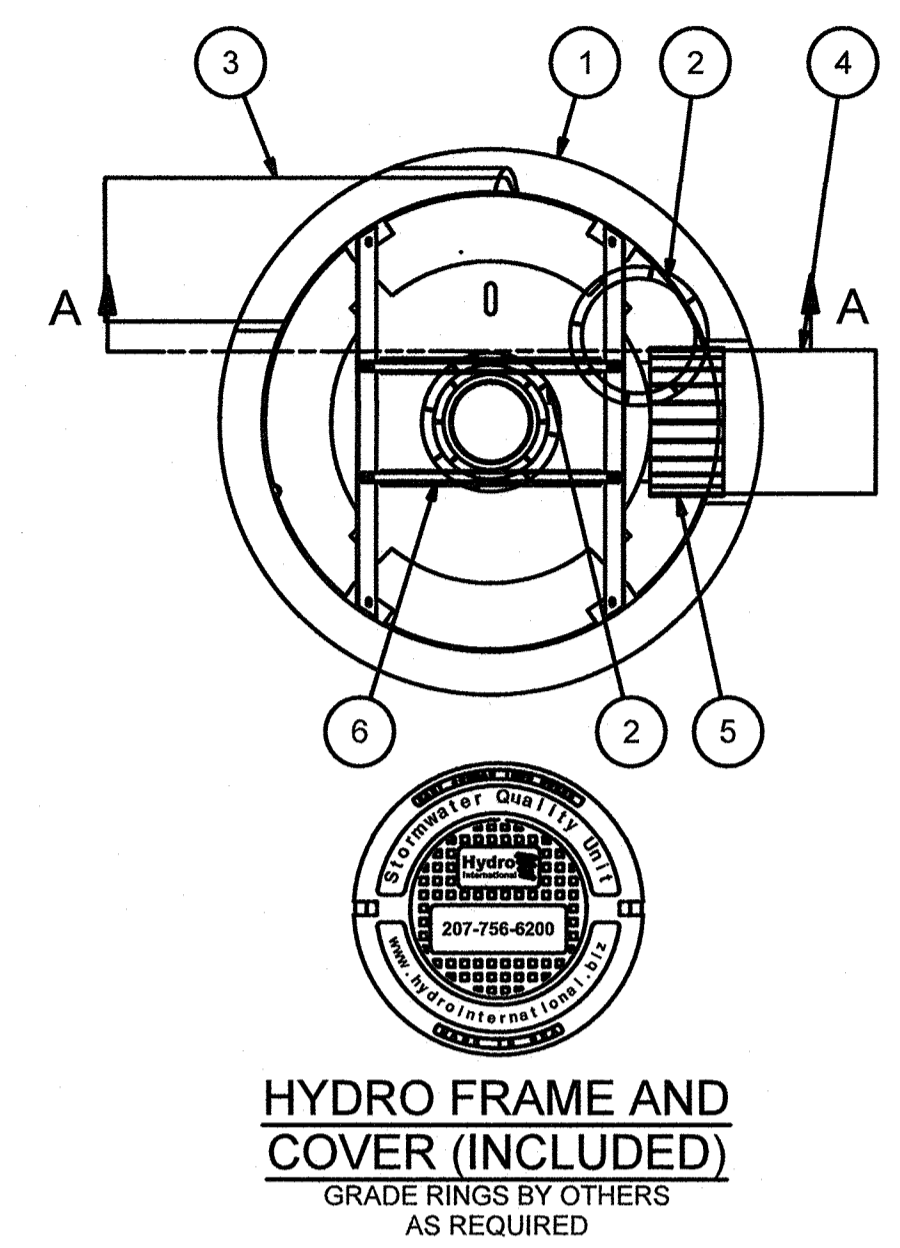
INSTALLATION NOTES

1. INSTALL A CLASS 5 BASE (COMPACTED TO 95% STANDARD PROCTOR). THE DISTANCE FROM THE BACK OF THE CURB MAY VARY BASED ON SITE CONDITIONS. EXCAVATE 1'-7" BELOW THE GUTTERLINE ELEVATION (I.E. THE BIORETENTION OVERFLOW ELEVATION) TO ACCOMMODATE THE 9" PONDING DEPTH, 6" CLASS 5 AGGREGATE, AND 4" RAIN GUARDIAN FOXHOLE BASE (INCLUDED). THEREFORE, THE TOP OF THE CLASS 5 COMPACTED BASE IS PRECISELY 1'-1" BELOW THE GUTTERLINE ELEVATION. THE TOP OF THE RAIN GUARDIAN FOXHOLE INLET POINT WILL BE 7-1/2" ABOVE THE TOP OF THE CONCRETE BASE AND 1-1/2" BELOW THE GUTTERLINE ELEVATION TO ACCOMMODATE A SLOPED INLET FROM THE GUTTER TO THE RAIN GUARDIAN FOXHOLE.
2. SET RAIN GUARDIAN FOXHOLE INLET FIRST, FOLLOWED BY MIDDLE SECTION(S), AND FINALLY THE OUTLET ON THE PREPARED CLASS 5 BASE. POSITION RAIN GUARDIAN FOXHOLE OUTLET PIECE SO PRIMARY OUTLET ALIGNS WITH TOE OF BASIN SIDE SLOPE TO AVOID SOIL INTERFERENCE WITH REMOVABLE FILTER WALL.
3. SECURE MODULAR FOXHOLE PIECES AT EACH JOINT USING PROVIDED GALVANIZED TIE RODS.
4. INSTALL EXPANSION/CONTRACTION JOINT MATERIAL OR A SHEET OF POLY TO SERVE AS A BOND BREAK BETWEEN RAIN GUARDIAN FOXHOLE AND CONCRETE INLET BEFORE POURING INLET.
5. REMOVABLE FILTER WALL SHOULD BE INSTALLED WITH FILTER FABRIC FACING THE RAIN GUARDIAN FOXHOLE INLET.



TOWN OF WRENTHAM – PLANNING BOARD

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PARTS LIST				
ITEM	QTY	SIZE (in)	SIZE (mm)	DESCRIPTION
1	1	96	2400	PRECAST MANHOLE (BY HYDRO VIA PRECASTER)
2	2	24	600	FRAME AND COVER
3	1	24 (MAX)	600 (MAX)	INLET PIPE (BY OTHERS)
4	1	24 (MAX)	600 (MAX)	OUTLET PIPE (BY OTHERS)
5	1			PIPE COUPLING (BY OTHERS)
6	1			INTERNAL COMPONENTS (PRE-INSTALLED)

EQUIPMENT PERFORMANCE

The stormwater treatment unit shall adhere to the hydraulic parameters given in the chart below and provide the removal efficiencies and storage capacities as follows:

1. The treatment system shall use an induced vortex to separate pollutants from stormwater runoff.
2. Peak Hydraulic Capacity: 15.0 cfs 425 l/s
3. Sediment Storage Capacity: 4.65 cu. yd. (3.56 cu. m)
4. Continuous Oil Storage Capacity: 540 gal. (2044 liters)
5. Sediment shall be stored in a zone that is isolated from the main flow path and protected from reentrainment by a benching skirt.
6. For more product information including regulatory acceptances, please visit <https://hydro-int.com/en/products/downstream-defender>

8FT DIA. DOWNSTREAM DEFENDER DETAIL
SCALE=NTS

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114 Turnpike Road, Suite 2C
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www.hshassoc.com

PREPARED FOR:
SHELDON MEADOW, LLC
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

SHELDON MEADOW
20 HANCOCK STREET
WRENTHAM, MA, 02093
NORFOLK COUNTY

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6 OF 9

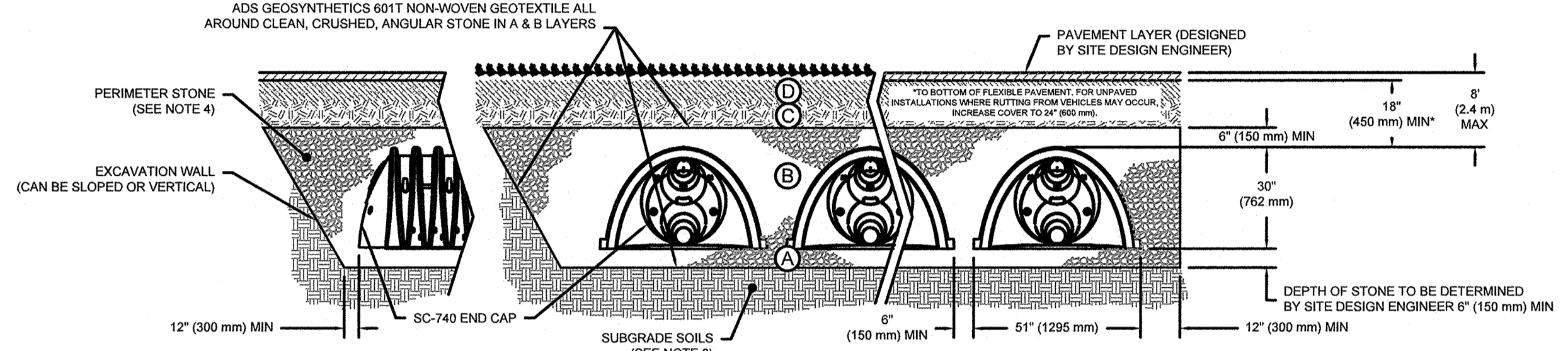
DATE: APRIL 11, 2022
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CHECKED BY: KE

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Kristen Labrie

ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

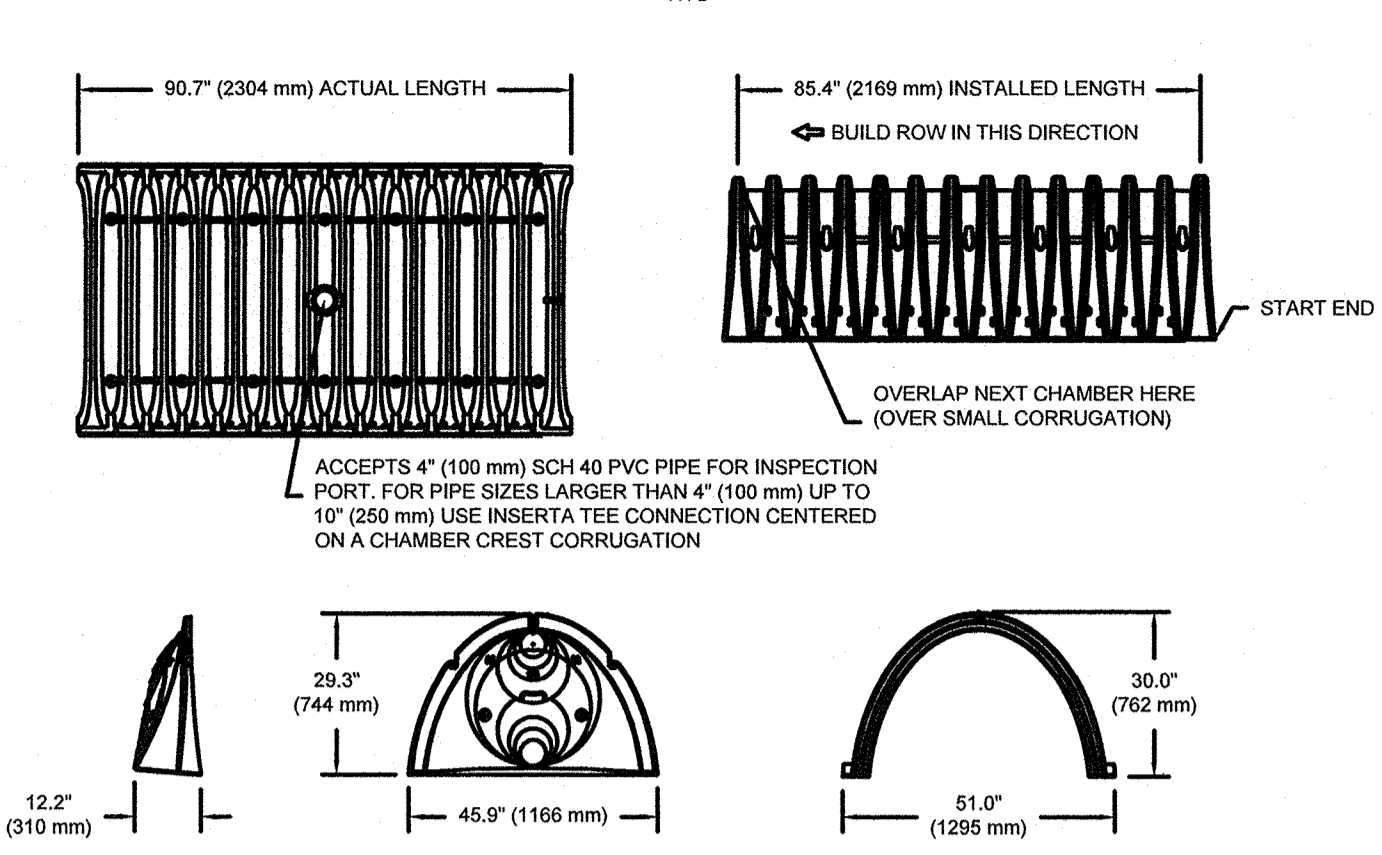
MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS, PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 98% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN), DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

PLEASE NOTE:
 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) MAX LIFTS USING TWO FULL COVERS WITH A VIBRATORY COMPACTOR.
 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



- NOTES:**
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
 - SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
 - THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
 - PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
 - REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

SC-740 TECHNICAL SPECIFICATION



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	51.0" X 30.0" X 85.4" (1295 mm X 762 mm X 2169 mm)
CHAMBER STORAGE	45.9 CUBIC FEET (1.30 m ³)
MINIMUM INSTALLED STORAGE*	74.9 CUBIC FEET (2.12 m ³)
WEIGHT	75.0 lbs. (33.6 kg)

*ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
 STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"

PART #	STUB	A	B	C
SC740EPE0E / SC740EPE06TPC	6" (150 mm)	10.9" (277 mm)	18.5" (470 mm)	—
SC740EPE06B / SC740EPE06BTPC	6" (150 mm)	12.2" (310 mm)	18.5" (470 mm)	0.5" (13 mm)
SC740EPE08T / SC740EPE08TTPC	8" (200 mm)	12.2" (310 mm)	18.5" (470 mm)	—
SC740EPE08B / SC740EPE08BTPC	8" (200 mm)	13.4" (340 mm)	14.5" (368 mm)	0.6" (15 mm)
SC740EPE10T / SC740EPE10TTPC	10" (250 mm)	13.4" (340 mm)	—	0.7" (18 mm)
SC740EPE10B / SC740EPE10BTPC	10" (250 mm)	14.7" (373 mm)	12.5" (318 mm)	—
SC740EPE12T / SC740EPE12TTPC	12" (300 mm)	14.7" (373 mm)	—	1.2" (30 mm)
SC740EPE12B / SC740EPE12BTPC	12" (300 mm)	18.4" (467 mm)	9.0" (229 mm)	—
SC740EPE15T / SC740EPE15TTPC	15" (375 mm)	18.4" (467 mm)	—	1.3" (33 mm)
SC740EPE15B / SC740EPE15BTPC	15" (375 mm)	19.7" (500 mm)	5.0" (127 mm)	—
SC740EPE18T / SC740EPE18TTPC	18" (450 mm)	18.5" (470 mm)	—	1.6" (41 mm)
SC740EPE18B / SC740EPE18BTPC	18" (450 mm)	18.5" (470 mm)	—	0.1" (3 mm)
SC740EPE24B*	24" (600 mm)	—	—	—

ALL STUBS, EXCEPT FOR THE SC740EPE24B ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-882-2694.
 *FOR THE SC740EPE24B THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.
 NOTE: ALL DIMENSIONS ARE NOMINAL.

SC-740 STORMTECH CHAMBER SPECIFICATIONS

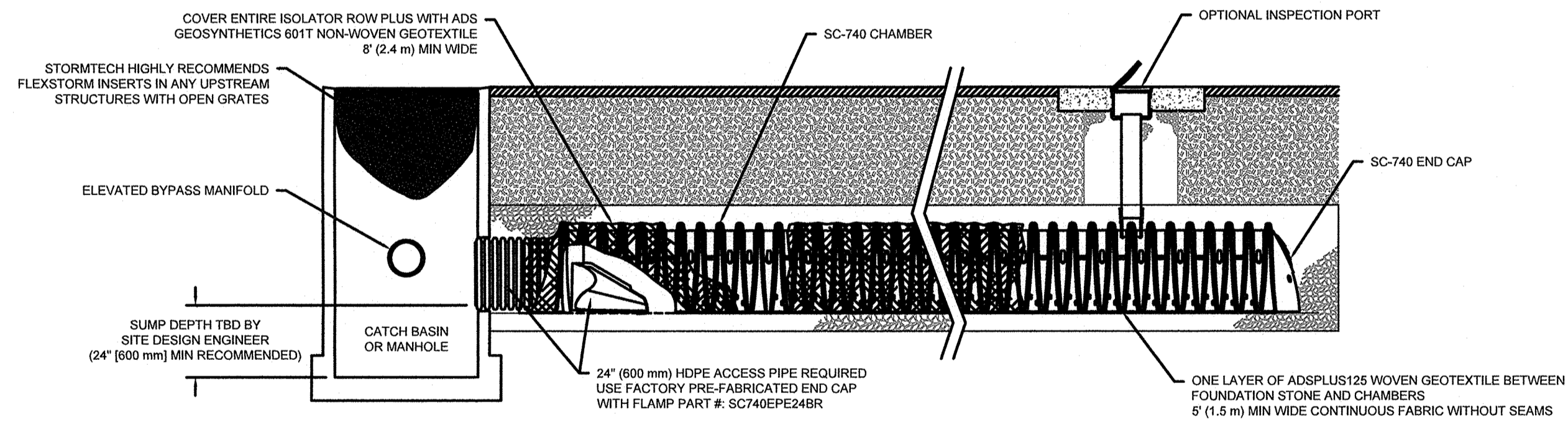
- CHAMBERS SHALL BE STORMTECH SC-740.
- CHAMBERS SHALL BE ARCH-SHAPE AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12. ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (4 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.35 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD. THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-740 SYSTEM

- STORMTECH SC-740 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONESHOOTER LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELLED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO LACING STONE.
- MAINTAIN MINIMUM 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4" (20-50 mm).
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

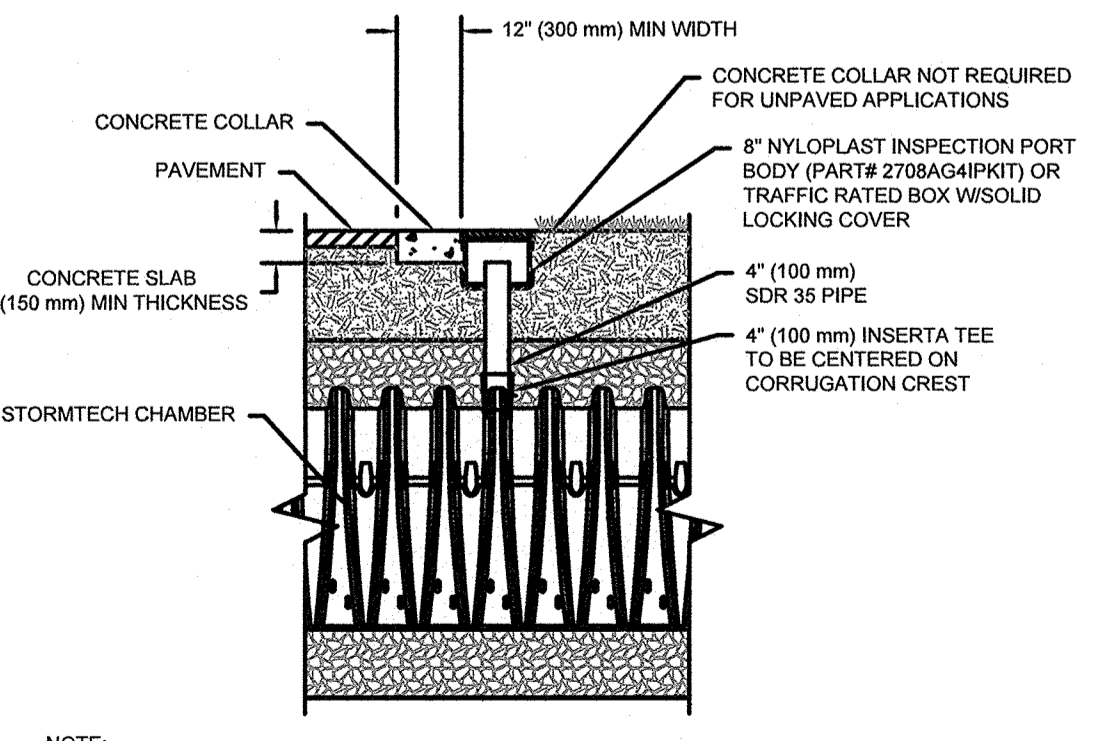
NOTES FOR CONSTRUCTION EQUIPMENT

- STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
 - THE USE OF CONSTRUCTION EQUIPMENT OVER SC-740 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER Tired LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
 - FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.
- USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.
 CONTACT STORMTECH AT 1-888-882-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



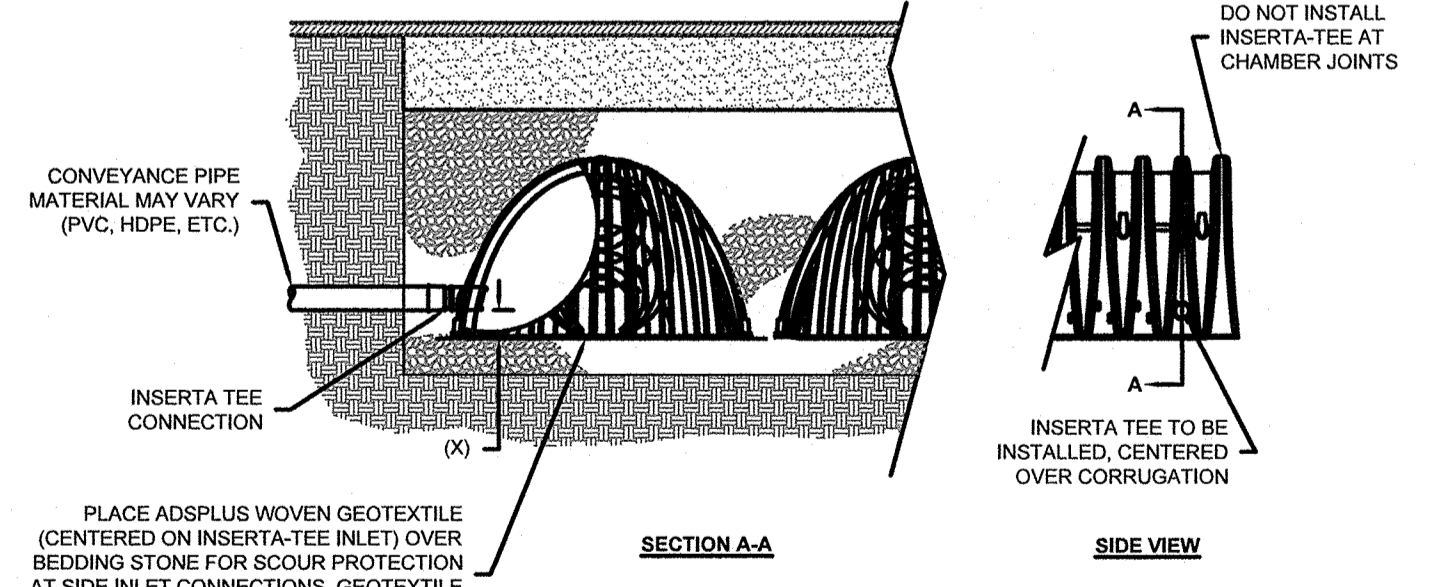
INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
- REMOVE/OPEN LID ON NYLON/PLASTIC INLINE DRAIN
 - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
- REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - MIRRORS OR POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JET/VAC PROCESS
- A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 40" (1.1 m) OR MORE IS PREFERRED
 - APPLY MULTIPLE PASSES OF JET/VAC UNTIL BACKFLUSH WATER IS CLEAN
 - VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.



NOTE: INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION CREST.

INSERTA TEE DETAIL



CHAMBER	MAX DIAMETER OF INSERTA TEE	HEIGHT FROM BASE OF CHAMBER (K)
SC-310	6" (150 mm)	4" (100 mm)
SC-740	10" (250 mm)	4" (100 mm)
DC-780	10" (250 mm)	4" (100 mm)
MC-3500	12" (300 mm)	8" (200 mm)
MC-4500	12" (300 mm)	8" (200 mm)

INSERTA TEE FITTINGS AVAILABLE FOR SDR 26, SDR 35, SCH 40 IPS GASKETED & SOLVENT WELD, N-12, HP STORM, C-800 OR DUCTILE IRON

NOTE: PART NUMBERS WILL VARY BASED ON INLET PIPE MATERIALS. CONTACT STORMTECH FOR MORE INFORMATION.

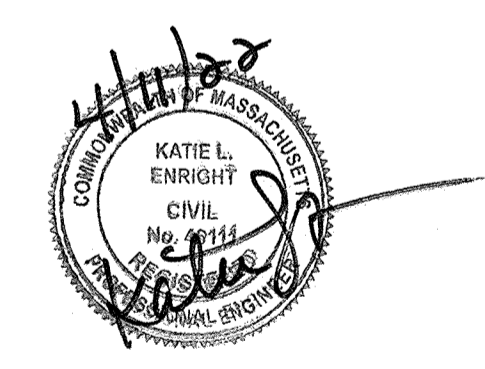
HOWARD STEIN HUDSON
 114 Turnpike Road, Suite 2C
 Chelmsford, MA 01824
 www.hshassoc.com

PREPARED FOR:
 SHELDON MEADOW, LLC
 480 TURNPIKE STREET
 SOUTH EASTON, MA 02375

SHELDON MEADOW
 20 HANCOCK STREET
 WRENTHAM, MA, 02093
 NORFOLK COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION

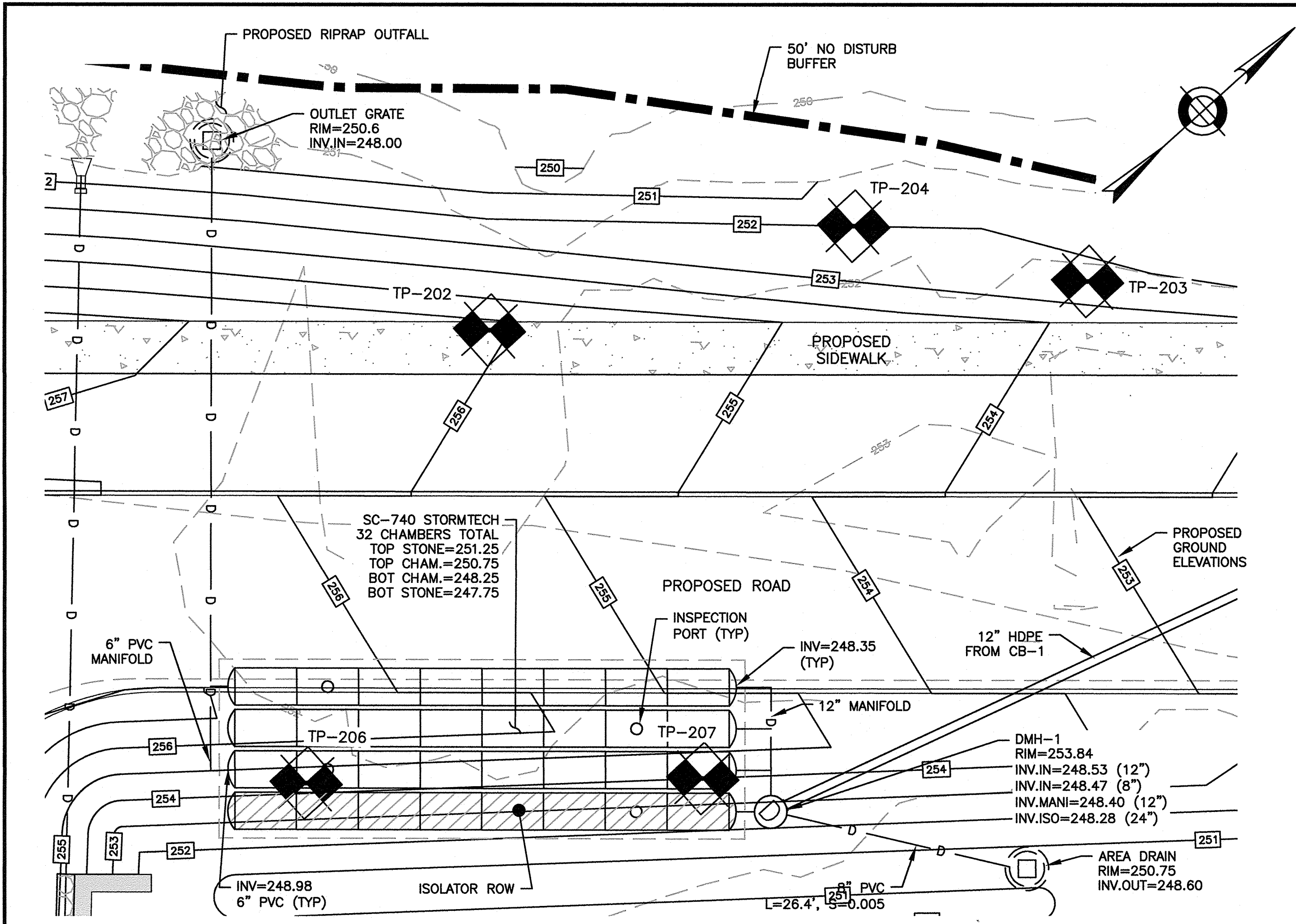


DETAIL SHEET
 7 OF 9

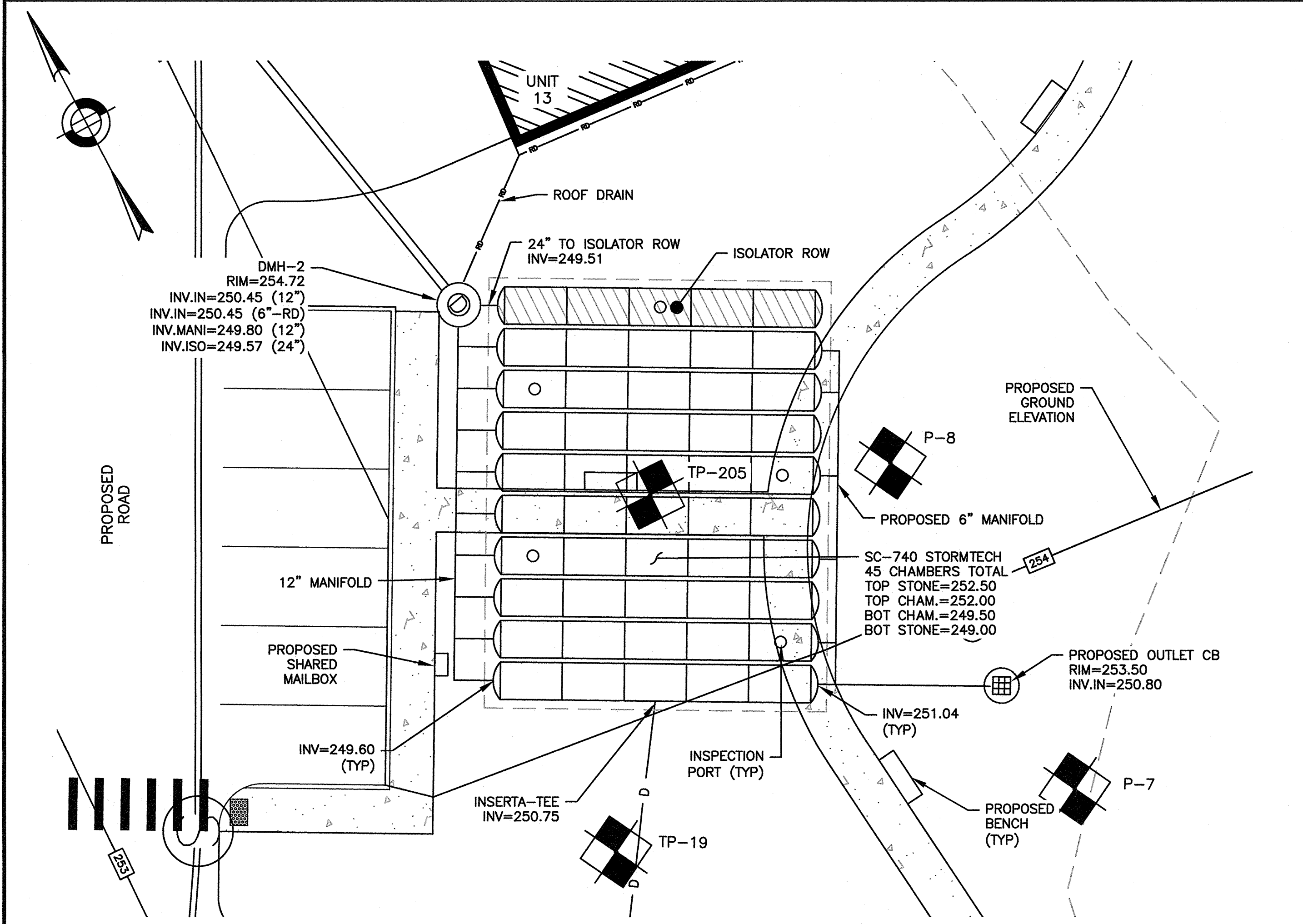
DATE: APRIL 11, 2022
 PROJECT NUMBER: 19227.01
 DESIGNED BY: KL/KF/MB
 DRAWN BY: KL/KF/MB
 CHECKED BY: KE

TOWN OF WRENTHAM - PLANNING BOARD

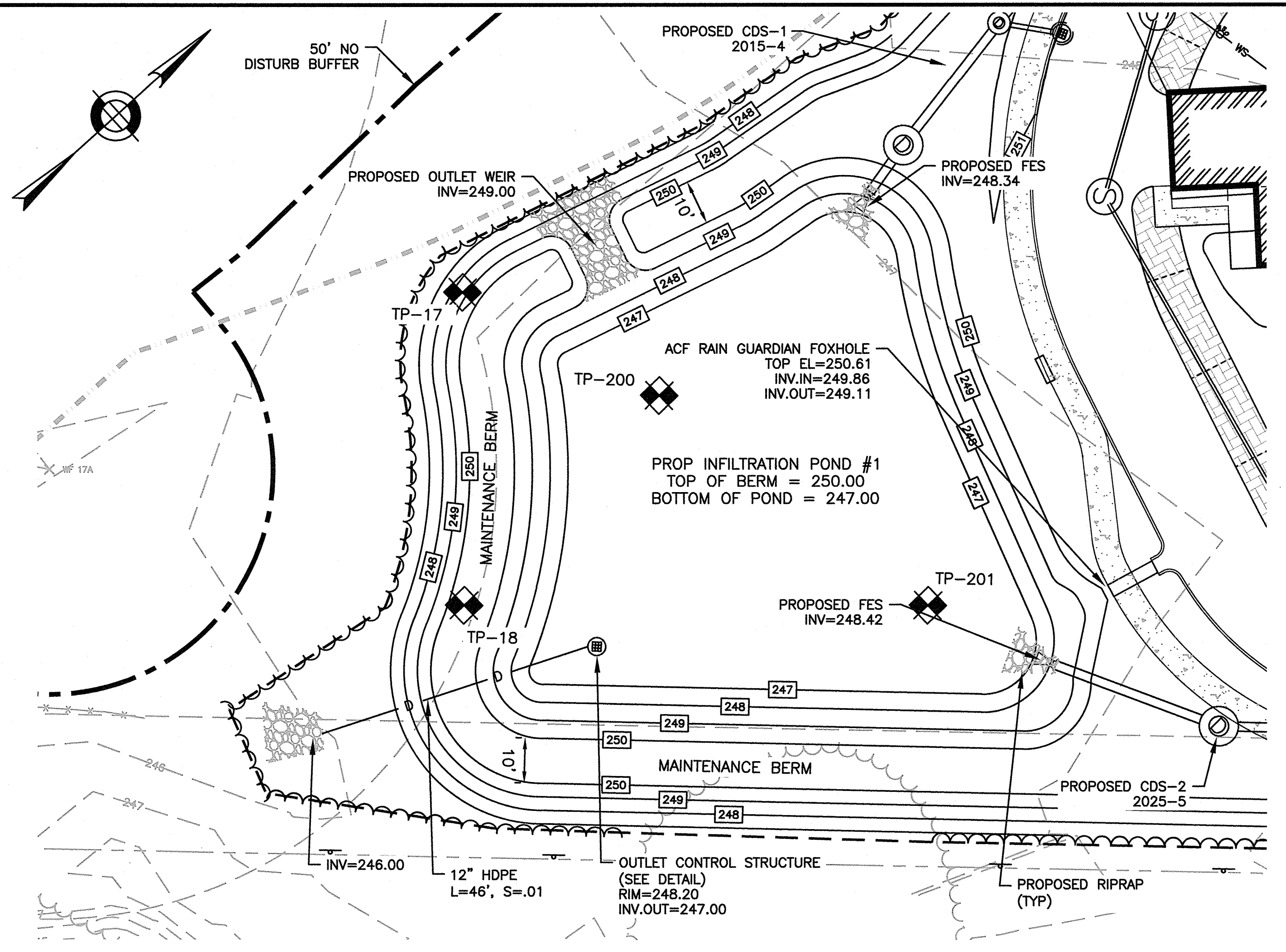
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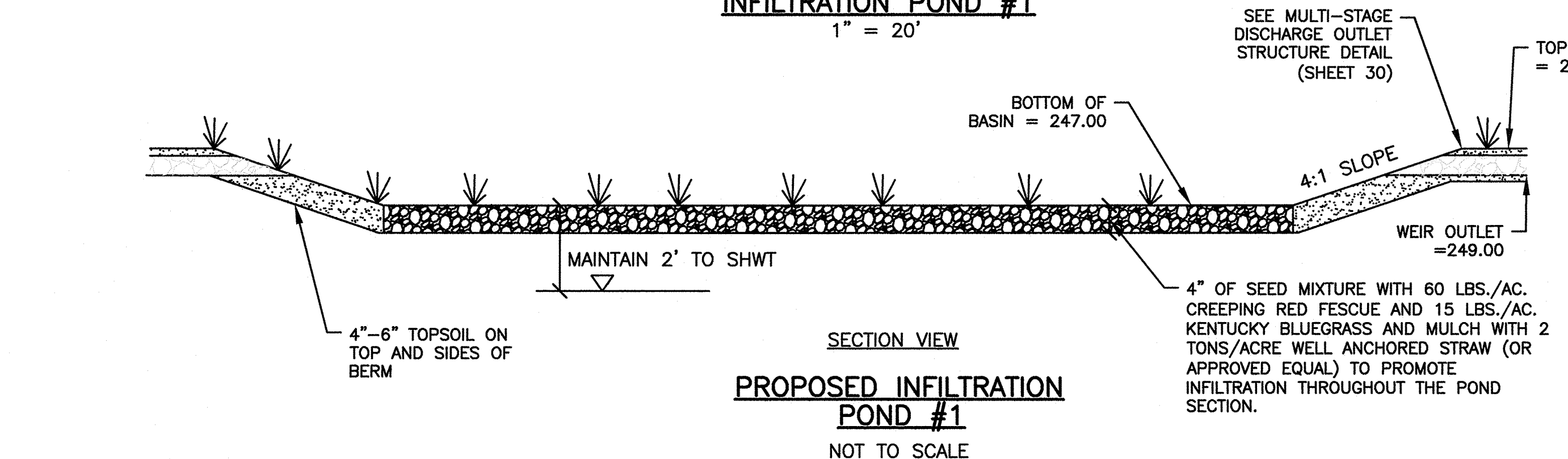
STORMTECH INFILTRATION SYSTEM #1
SCALE = 1"=10'



STORMTECH INFILTRATION SYSTEM #2
SCALE = 1"=10'

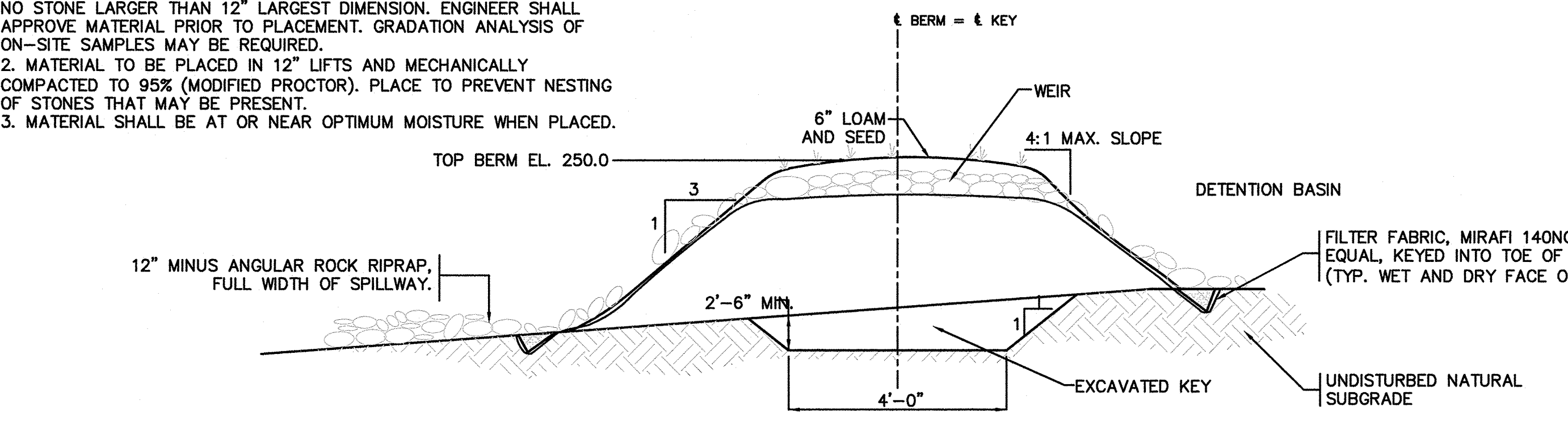


PROPOSED INFILTRATION POND #1
1" = 20'

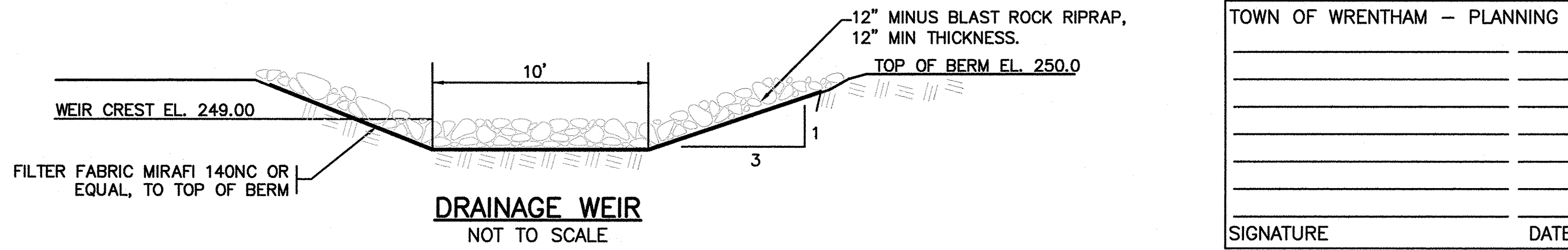


SECTION VIEW
PROPOSED INFILTRATION POND #1
NOT TO SCALE

- NOTES:**
- EMBANKMENT MATERIAL SHALL BE NATURAL TILL MATERIAL, MIN. 40% PASSING NO. 200 SIEVE, UNIFIED CLASSIFICATION SM, SC, ML OR CL, NO STONE LARGER THAN 12" LARGEST DIMENSION. ENGINEER SHALL APPROVE MATERIAL PRIOR TO PLACEMENT. GRADATION ANALYSIS OF ON-SITE SAMPLES MAY BE REQUIRED.
 - MATERIAL TO BE PLACED IN 12" LIFTS AND MECHANICALLY COMPACTED TO 95% (MODIFIED PROCTOR). PLACE TO PREVENT NESTING OF STONES THAT MAY BE PRESENT.
 - MATERIAL SHALL BE AT OR NEAR OPTIMUM MOISTURE WHEN PLACED.



DETENTION BASIN BERM
NOT TO SCALE



DRAINAGE WEIR
NOT TO SCALE

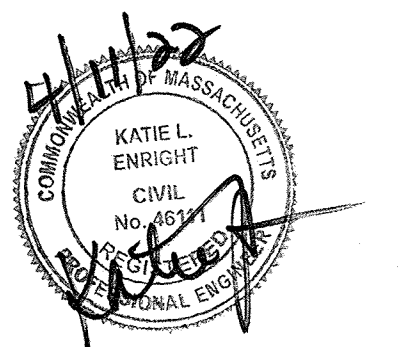
HOWARD STEIN HUDSON
114 Turnpike Road, Suite 2C
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www.hshassoc.com

PREPARED FOR:
SHELDON MEADOW, LLC
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

SHELDON MEADOW
20 HANCOCK STREET
WRENTHAM, MA, 02093
NORFOLK COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION



DETAIL SHEET
8 OF 9

DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE
C10.8	

4/10/2022, L:\19227\Hancock St - CURRENT\19227 - Details-HS.dwg
Katie L. Enright

SIGNATURE	DATE

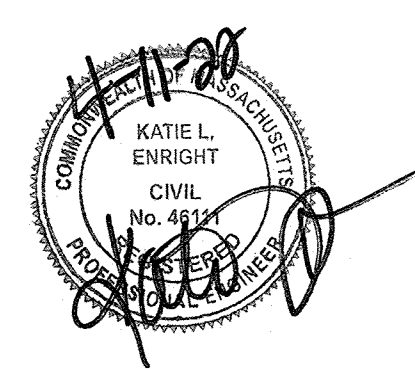


PREPARED FOR:
SHELDON MEADOW, LLC
480 TURNPIKE STREET
SOUTH EASTON, MA 02375

SHELDON MEADOW
 20 HANCOCK STREET
 WRENTHAM, MA, 02093
 NORFOLK COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION



DETAIL SHEET
9 OF 9

DATE:	APRIL 11, 2022
PROJECT NUMBER:	19227.01
DESIGNED BY:	KL/KF/MB
DRAWN BY:	KL/KF/MB
CHECKED BY:	KE
C10.9	
SHEET 34 OF 34	

DEEP HOLE TESTING
APRIL 22, 23, AND 24 2020
SOIL EVALUATOR: KASEY FERREIRA
PERCS WITNESSED BY: WADE SAUCIER

P-1 EL.=249.91
0"-13" Ap LO 10YR 3/2
13"-24" Bw SL 10YR 4/6
24"-96" C₁ S 10YR 4/3
MOTTLES 30", WEeping 23", STANDING 53"
ESHW: 30" @ EL. 247.41

P-2 EL.=249.82
0"-11" Ap LO 10YR 3/3
11"-30" Bw SL 10YR 5/4
30"-99" C₁ S 10YR 4/4
MOTTLES 26", WEeping 35", STANDING 70"
ESHW: 26" @ EL. 247.65

P-3 EL.=249.94
0"-12" Ap LO 10YR 2/2
12"-22" Bw SL 10YR 5/6
22"-96" C₁ S 10YR 4/4
MOTTLES 28", WEeping 34", STANDING 70"
ESHW: 28" @ EL. 247.61

P-4 EL.=249.33
0"-10" Ap LO 10YR 3/1
10"-22" Bw SL 10YR 4/6
22"-100" C₁ S 10YR 5/4
MOTTLES 32", WEeping 35", STANDING 82"
ESHW: 48" @ EL. 245.30

P-5 EL.=249.93
0"-13" Ap LO 10YR 2/2
13"-30" Bw SL 10YR 5/6
30"-98" C₁ LS 10YR 4/4
MOTTLES 35", WEeping 35", STANDING 56"
ESHW: 35" @ EL. 247.01

P-6 EL.=249.12
0"-8" Ap LO 10YR 2/2
8"-22" Bw SL 10YR 5/8
22"-96" C₁ LS 10YR 4/3
MOTTLES 22", WEeping 55", STANDING 69"
ESHW: 22" @ EL. 247.29

P-7 EL.=248.96
0"-11" Ap LO 10YR 2/2
11"-23" Bw SL 10YR 6/8
23"-39" C₁ GLEY SL G1 7/10Y
39"-108" C₂ S 10YR 4/4
MOTTLES 27", WEeping 69", STANDING 71"
ESHW: 27" @ EL. 246.71

P-8 EL.=248.40
0"-11" Ap LO 10YR 2/1
11"-31" Bw SL 7.5YR 7/6
31"-53" C₁ GLEY SL G1 7/10Y
53"-105" C₂ S 10YR 5/4
MOTTLES 23", WEeping 45", STANDING 77"
ESHW: 23" @ EL. 246.48

P-9 EL.=249.65
0"-12" Ap LO 10YR 3/2
12"-25" Bw SL 7.5YR 4/4
25"-108" C₁ S 10YR 4/3
MOTTLES 32", WEeping 35", STANDING 82"
PERC SHELF 30"; PRESOAK: 2:18-2:33
12" @ 2:33, 9" @ 2:40, 6" @ 2:51
RATE = 3.67 MIN/INCH
ESHW: 32" @ EL. 246.98

P-10 EL.=250.27
0"-12" Ap LO 10YR 3/2
12"-38" Bw SL 2.5Y 6/4
38"-100" C₁ S 10YR 5/4
MOTTLES 38", WEeping 62"
PERC SHELF 40"
ESHW: 38" @ EL. 247.10

P-11 EL.=250.26
0"-33" FILL
33"-96" C₁ LS 10YR 4/4
MOTTLES 33", WEeping 63"
PERC SHELF 30"; PRESOAK: 10:49-11:04
12" @ 11:04, 9" @ 11:11, 6" @ 11:24
RATE = 4.33 MIN/INCH
ESHW: 33" @ EL. 247.51

P-12 EL.=250.45
0"-11" Ap LO 10YR 3/2
11"-22" Bw SL 2.5YR 6/4
22"-109" C₁ LS 10YR 5/3
MOTTLES 47", STANDING 89"
PERC SHELF 27"; PRESOAK: 12:13-12:28
12" @ 12:28, 9" @ 12:32, 6" @ 12:36
RATE = 1.33 MIN/INCH
ESHW: 47" @ EL. 246.53

TP-1 EL.=249.38
0"-10" Ap LO 10YR 3/2
10"-24" Bw₁ SL 7.5YR 5/8
24"-44" Bw₂ SL 5Y 6/1
44"-96" C₁ FS 10YR 5/2
MOTTLES 29", WEeping 26", STANDING 71"
ESHW: 26" @ EL. 247.21

TP-2 EL.=248.73
0"-11" Ap LO 10YR 2/2
11"-22" Bw₁ SL 10YR 5/6
22"-40" Bw₂ SL 5Y 5/2
40"-93" C₁ S 10YR 5/4
MOTTLES 20", WEeping 31", STANDING 80"
ESHW: 20" @ EL. 247.06

TP-3 EL.=248.36
0"-10" Ap LO 10YR 3/2
10"-19" Bw SL 10YR 5/8
19"-42" C₁ LS 7.5YR 5/8
42"-95" C₂ S 10YR 5/2
WEeping 22", STANDING 75"
ESHW: 22" @ EL. 246.53

TP-4 EL.=247.88
0"-10" Ap LO 10YR 2/2
10"-20" Bw SL 10YR 6/4
20"-30" C₁ LS 7.5YR 4/6
30"-100" C₂ S 10YR 5/3
MOTTLES 20", WEeping 21", STANDING 65"
ESHW: 20" @ EL. 246.21

TP-5 EL.=248.74
0"-27" Ap LO 10YR 2/2
27"-34" Bw SL G1 7/10YR
34"-94" C₁ S 10YR 4/6
WEeping 27", STANDING 44"
ESHW: 27" @ EL. 246.49

TP-6 EL.=249.31
0"-10" Ap LO 10YR 2/2
10"-20" Bw SL 10YR 5/6
20"-96" C₁ S 10YR 4/4
MOTTLES 27", WEeping 30", STANDING 65"
ESHW: 27" @ EL. 247.06

TP-7 EL.=250.05
0"-10" Ap LO 10YR 3/2
10"-19" Bw SL 10YR 5/6
19"-101" C₁ S 10YR 4/4
MOTTLES 27", WEeping 42", STANDING 74"
GRAVEL 48"
ESHW: 27" @ EL. 247.80

TP-8 EL.=249.15
0"-9" Ap LO 10YR 3/2
9"-19" Bw SL 10YR 5/8
19"-98" C₁ S 10YR 4/4
MOTTLES 36", WEeping 44", STANDING 88"
ESHW: 36" @ EL. 246.15

TP-9 EL.=249.32
0"-11" Ap LO 10YR 3/2
11"-22" Bw SL 10YR 5/6
22"-98" C₁ S 10YR 4/6
MOTTLES 30", WEeping 26", STANDING 64"
ESHW: 30" @ EL. 246.82

TP-10 EL.=249.51
0"-15" Ap LO 10YR 2/2
15"-22" Bw SL 10YR 5/8
22"-98" C₁ S 10YR 4/4
MOTTLES 31", WEeping 33", STANDING 84"
ESHW: 31" @ EL. 246.93

TP-11 EL.=248.25
0"-12" Ap LO 10YR 3/2
12"-17" Bw SL 10YR 5/6
17"-105" C₁ S 10YR 4/2
MOTTLES 27", WEeping 35", STANDING 74"
ESHW: 27" @ EL. 246.00

TP-12 EL.=248.84
0"-12" Ap LO 10YR 2/2
12"-19" Bw SL 10YR 5/6
19"-101" C₁ S 10YR 4/4
MOTTLES 27", WEeping 44", STANDING 75"
ESHW: 27" @ EL. 246.59

TP-13 EL.=248.07
0"-10" Ap LO 10YR 2/2
10"-15" Bw SL 10YR 5/4
15"-40" C₁ LS 10YR 4/4
40"-98" C₂ S 10YR 4/4
MOTTLES 21", WEeping 26", STANDING 81"
ESHW: 21" @ EL. 246.32

TP-14 EL.=248.05
0"-16" Ap LO 10YR 2/2
16"-51" C₁ MS 10YR 4/6
51"-80" C₂ GS 7.5YR 4/6
80"-96" C₃ FS 10YR 5/4
WEeping 13", STANDING 84"
ESHW: 13" @ EL. 246.96

TP-15 EL.=248.49
0"-12" Ap LO 10YR 3/2
12"-26" Bw SL 10YR 5/6
26"-108" C₁ S 10YR 5/3
MOTTLES 27", WEeping 55", STANDING 61"
ESHW: 27" @ EL. 246.24

TP-16 EL.=248.36
0"-11" Ap LO 10YR 3/2
11"-22" Bw SL 10YR 5/6
22"-110" C₁ S 10YR 4/3
MOTTLES 27", WEeping 55", STANDING 62"
ESHW: 27" @ EL. 246.11

TP-17 EL.=246.71
0"-30" Ap LO 10YR 2/1
30"-42" Bw SL 10YR 3/6
42"-113" C₁ S 10YR 4/6
MOTTLES 36", WEeping 62", STANDING 72"
ESHW: 36" @ EL. 243.71

TP-18 EL.=246.49
0"-22" Ap LO 10YR 2/2
22"-38" Bw SL 10YR 3/6
38"-108" C₁ S 2.5YR 5/4
MOTTLES 38", WEeping 64", STANDING 70"
ESHW: 38" @ EL. 243.32

TP-19 EL.=248.05
0"-12" Ap LO 10YR 3/2
12"-24" Bw SL 10YR 5/8
24"-35" C₁ GLEY SL G1 7/10YR
35"-108" C₂ S 10YR 4/4
MOTTLES 36", WEeping 53", STANDING 74"
ESHW: 36" @ EL. 245.05

TP-20 EL.=249.49
0"-14" Ap LO 10YR 3/2
14"-30" Bw SL 10YR 4/4
30"-102" C₁ S 10YR 4/2
MOTTLES 40", WEeping 67", STANDING 72"
ESHW: 40" @ EL. 246.16

TP-21 EL.=249.11
0"-11" Ap LO 10YR 2/2
11"-22" Bw SL 10YR 5/6
22"-103" C₁ S 10YR 4/3
MOTTLES 26", WEeping 38", STANDING 84"
ESHW: 26" @ EL. 246.94

TP-22 EL.=250.21
0"-11" Ap LO 10YR 3/2
11"-27" Bw SL 10YR 5/6
27"-104" C₁ S 10YR 4/2
MOTTLES 33", WEeping 50", STANDING 76"
ESHW: 33" @ EL. 247.46

TP-23 EL.=250.17
0"-16" Ap LO 10YR 2/2
16"-20" Bw SL 10YR 5/6
20"-96" C₁ LS 10YR 5/3
MOTTLES 47", WEeping 72", STANDING 81"
ESHW: 47" @ EL. 246.25

TP-24 EL.=250.36
0"-9" Ap LO 10YR 3/2
9"-17" Bw SL 10YR 5/6
17"-96" C₁ S 10YR 5/4
MOTTLES 37", WEeping 53", STANDING 76"
ESHW: 37" @ EL. 247.28

DEEP HOLE TESTING
MARCH 31, 2022
SOIL EVALUATOR: KASEY FERREIRA

TP-101 EL.=249.00
0"-11" Ap LO 10YR 3/2
11"-20" Bw SL 10YR 5/6
20"-33" C₁ LS 10YR 5/4
33"-98" C₂ S/GRAVEL 10YR 4/3
MOTTLES 21", WEeping 51"
ESHW: 21" @ EL. 247.25

TP-102 EL.=248.10
0"-15" Ap LO 10YR 3/2
15"-32" C₁ LS 10YR 5/4
32"-96" C₂ S/GRAVEL 10YR 4/3
WEeping 16"
ESHW: 16" @ EL. 246.77

TP-103 EL.=249.25
0"-14" Ap LO 10YR 3/2
14"-25" Bw SL 10YR 5/6
25"-37" C₁ LS 10YR 5/4
37"-112" C₂ S/GRAVEL 10YR 4/3
MOTTLES 24", WEeping 71"
ESHW: 24" @ EL. 247.25

TP-104 EL.=248.60
0"-11" Ap LO 10YR 3/2
11"-35" Bw SL 10YR 5/6
35"-85" C S/GRAVEL 10YR 4/3
WEeping 34"
ESHW: 34" @ EL. 245.77

TP-105 EL.=250.10
0"-12" Ap LO 10YR 3/2
12"-23" Bw SL 10YR 5/6
23"-30" C₁ S 10YR 5/4
30"-84" C₂ S/GRAVEL 10YR 4/3
MOTTLES 24", WEeping 34"
ESHW: 34" @ EL. 247.27

TP-200 EL.=246.59
0"-13" Ap LO 10YR 3/2
13"-22" Bw LS 10YR 5/6
22"-108" C S 10YR 5/4
MOTTLES 20"
ESHW: 20" @ EL. 244.92

TP-201 EL.=246.66
0"-16" Ap LO 10YR 3/2
16"-24" Bw SL 10YR 5/6
24"-100" C S 10YR 5/4
MOTTLES 25"
ESHW: 25" @ EL. 244.57

TP-203 EL.=252.18
0"-20" Ap LO 10YR 3/2
20"-26" Bw SL 10YR 5/6
26"-96" C S 10YR 5/4
MOTTLES 44", WEeping 80"
ESHW: 44" @ EL. 248.51

TP-204 EL.=251.50
0"-24" Ap LO 10YR 3/2
24"-38" Bw SL 10YR 5/6
38"-108" C S 10YR 5/4
MOTTLES 47"
ESHW: 47" @ EL. 247.58

TP-205 EL.=248.34
0"-12" Ap LO 10YR 3/2
12"-24" Bw SL 10YR 5/6
24"-30" C₁ LS 10YR 5/4
30"-90" C₂ S/GRAVEL 10YR 4/3
MOTTLES 26", WEeping 55"
ESHW: 26" @ EL. 246.17

TP-206 EL.=251.85
0"-12" Ap LO 10YR 3/2
12"-24" Bw SL 10YR 5/6
24"-110" C S 10YR 5/4
MOTTLES 76"
ESHW: 76" @ EL. 245.51

TP-207 EL.=251.50
0"-14" Ap LO 10YR 3/2
14"-31" Bw SL 10YR 5/6
31"-96" C S 10YR 5/4
MOTTLES 74"
ESHW: 74" @ EL. 245.33

SOIL TESTING RESULTS
SEE GRADING AND DRAINAGE
SHEETS FOR LOCATIONS

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