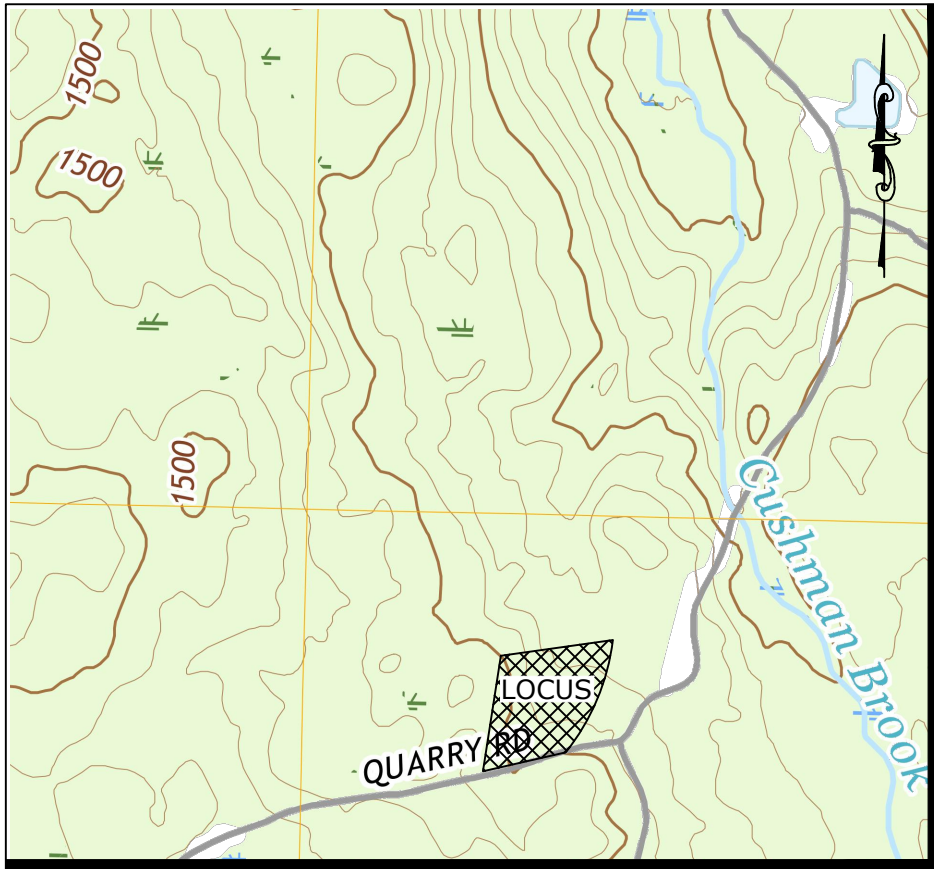
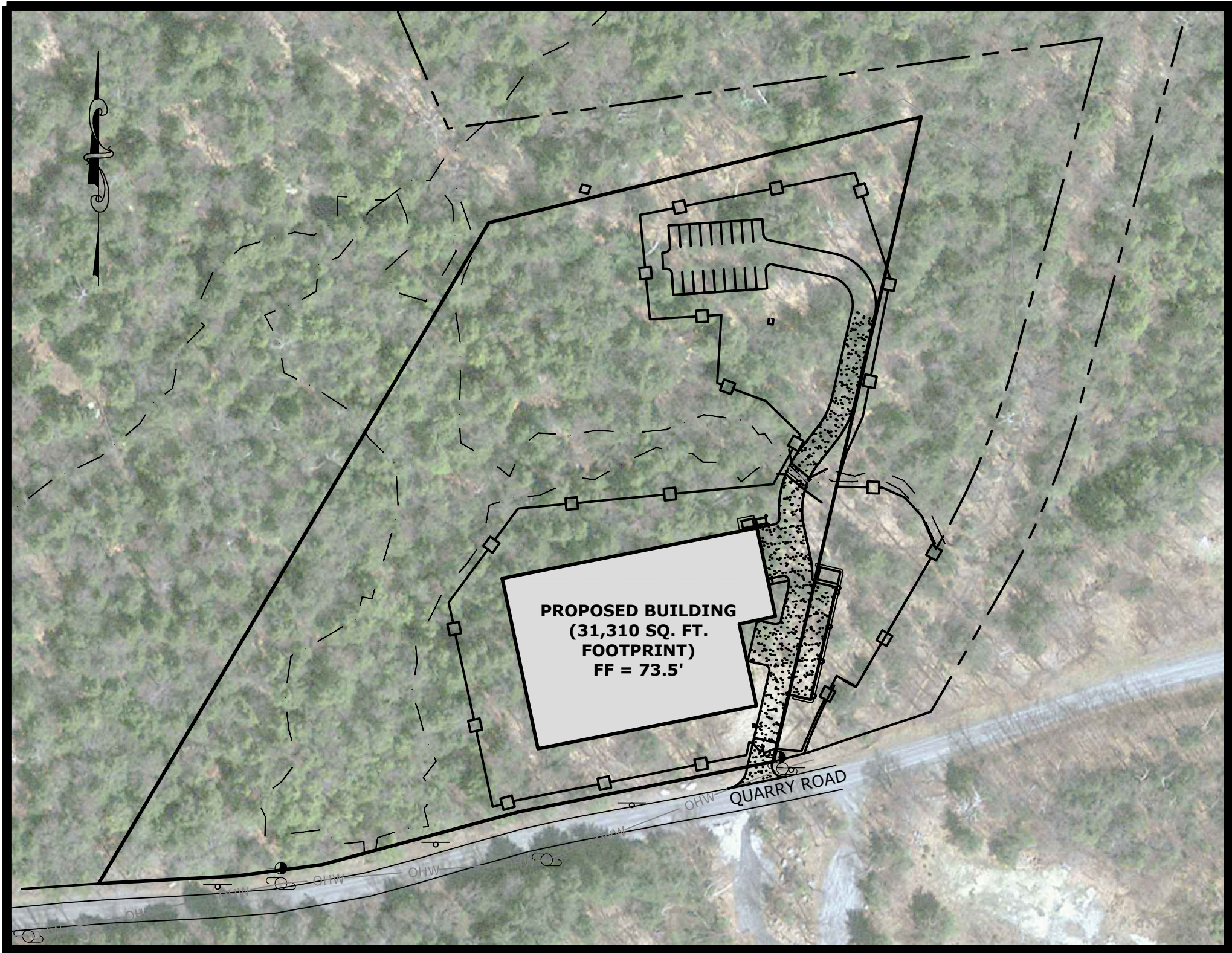




VICINITY MAP
APPROXIMATE SCALE: 1" = 1000'

SPECIAL PERMIT PLAN SET TETRAHYDRA AGTEK LLC

509 QUARRY ROAD
TOWN OF
BECKET, MA.



AERIAL VIEW SITE PLAN
NOT TO SCALE

GENERAL NOTES

- Wetlands were delineated by Foresight Land Services on December 1, 2021, And field surveyed by Foresight Land Services on December 22 and 23, 2021.
- Establishing elevation for Topographic Survey was performed by Foresight Land Services on December 22 and 23, 2021, using Electronic Total Station with Data Collector.
- Plan was compiled on a PC-based computer using AutoCAD Civil 3D 2018.
- Horizontal Datum is based upon plan entitled "Plan of Land in Becket (Berkshire Co.), MA prepared for Adrienne Metcalf, by Hilltown Land Surveys dated June 4, 2021" and filed in Berkshire Middle District Registry of Deeds, Plat S-21.
- Vertical Datum is assumed. A temporary benchmark was established on site, TBM, Railroad Spike set in utility pole 34/33, Elevation = 65.19'.
- The locations and information about underground pipes, utilities or other structures are compiled from available record data and visible field evidence and are not represented as being exact or complete. Prior to beginning excavation, the excavator shall give adequate advance notice to the Dig Safe Center, the municipal and/or state Public Works Department, and private utility companies, to allow for field location of facilities in the vicinity.
- If Contractor observes any field conditions which vary significantly from what is shown on these plans, the contractor shall immediately notify the Owner and Engineer for resolution of the conflicting information.
- The Contractor shall record tie measurements, depths, dimensions, materials, field conditions and other pertinent data about all underground pipes, utilities and structures encountered during the work, both existing and constructed. Contractor shall submit Record drawings with this information to the Owner and Engineer prior to completion of the work.
- Contractor shall immediately report any damage to existing pipes, utilities, or structures to the Owner and Engineer, and obtain directions as to repair, replacement or abandonment.

CONSTRUCTION-PHASE MEASURES FOR CONTROL OF SEDIMENT AND EROSION AND PROTECTION OF WETLANDS

- Do not disturb existing vegetated areas far in advance of construction. Limit disturbance only to the extent and duration required for imminent construction activities. Retain and protect natural vegetation and vegetative filter strips wherever possible.
- Temporary vegetation or a heavy mat of wood chips shall be established on all earth stockpiles or stripped areas which will be bare for more than two months and less than 12 months. Such vegetation shall consist of a commercial conservation seed mixture with a high percentage of annual rye grass. Permanent herbaceous cover shall be established on areas which would be bare more than 12 months.
- A heavy mat of straw mulch, wood chips, erosion control netting, mesh or blanket matting shall be used on disturbed areas if vegetation cannot be established due to season or on-going construction process, or if otherwise required.
- Silt fence or carefully positioned staked straw bales shall be installed along the downhill edge of disturbed earthwork areas where required to control erosion and sedimentation.
- Water courses, including intermittent drainage swales, shall be protected from siltation by silt fence barriers or carefully positioned staked straw bale check dams.
- Sediment traps shall be constructed downhill of disturbed areas and upstream of watercourses and/or wetlands. Trapped sediments shall be removed from the basins during the construction period before they become 50% full to prevent sediment from being transported downhill. Dispose of sediments in on-site upland disposal areas, properly graded, seeded and mulched.
- Permanent drainage control structures shall be installed as early as possible in the construction process. Drains shall be provided with drain inlet sediment filters and/or traps.
- Do not fuel construction equipment or store fuel or other potential contaminants within 100 feet of water courses or wetlands.
- Precast concrete shall be washed down at the manufacturer's plant. Cast-in-place concrete within 100 feet of watercourses/wetlands shall be placed so as to minimize runoff of stormwater from fresh concrete, through use of sumps, diversions, etc. Concrete trucks and equipment contaminated with fresh concrete shall not be washed down within 100 feet of wetlands.
- Strictly adhere to all general and special conditions of any Wetlands Protection Act Permits, including plans, details, construction sequencing outline, and other applicable requirements.

SITE DATA

Data provided by Becket, MA
Zoning Bylaw
Amended: March 11, 2019
Zone: Indoor Cultivation
Dimensional Requirements:
Min. Lot Dimensions

Area = 2 Acres
Min. Setbacks:

Front = 50 FT
Side = 20 FT
Rear = 20 FT

SITE DATA

Data provided by Becket, MA
Zoning Bylaw
Amended: March 11, 2019
Zone: Outdoor Cultivation
Dimensional Requirements:
Min. Lot Dimensions

Area = 5 Acres
Min. Setbacks:

Front = 100 FT
Side = 100 FT
Rear = 50 FT

SITE DATA

Data provided by Becket, MA
Zoning Bylaw
Amended: March 11, 2019
Zone: Residential/Agricultural
Dimensional Requirements:
Min. Lot Dimensions

Area = 2 Acres
Min. Lot Frontage = 200 FT
Min. Lot Width = 160 FT

Min. Setbacks:

Front = 40 FT
Side = 20 FT
Rear = 20 FT

Max. Building

Height = 40 FT

General Notes About Compiled Site Plan Base Map:

Portions of the base map is compiled from available sources and is not the result of a recent field survey. Compiled information includes MassGIS (Office of Geographic and Environmental Information, Commonwealth of Massachusetts Office of Environmental Affairs) Aerial Photos, FEMA flood maps, and other published sources. Property lines are compiled from deeds, record surveys and assessors mapping. Utilities are from available plans, records and direct observation.

All compiled information is approximate only and is subject to field verification and change.

SHEET NO.

C-0	COVER SHEET & SHEET INDEX
C-1	EXISTING CONDITIONS
C-2	PROPOSED SITE PLAN
C-3	GRADING, DRAINAGE AND EROSION CONTROL PLAN 1
C-4	GRADING, DRAINAGE AND EROSION CONTROL PLAN 2
C-5	UTILITY PLAN 1
C-6	UTILITY PLAN 2
C-7	DETAILS 1
C-8	DETAILS 2
C-9	DETAILS 3
C-10	DETAILS 4

INDEX

DESCRIPTION

LEGEND

ADA = AMERICANS WITH DISABILITIES ACT	---	1' EXISTING CONTOUR LINE
APPROX = APPROXIMATE	---1100---	5' EXISTING CONTOUR LINE
DS = DOOR SILL	---	APPROXIMATE PROPERTY LINE
PVC = POLYVINYL CHLORIDE	---	EDGE OF WOODS
C.I.P. = CAST IRON PIPE	---	EDGE OF ASPHALT
C.M.P. = CORRUGATED METAL PIPE	---	EDGE OF GRAVEL
ELEV = ELEVATION	---	FENCE
INV = INVERT	---	RETAINING WALL
LP = LIGHT POLE	---	WETLAND BUFFER ZONE
● IRON PIPE FOUND	---	FLAGGED WETLAND BOUNDARY
⊕ FENCE POST	---	DRAINAGE LINE
⊙ BOUND FOUND	---	APPROX. ELECTRIC
⬆ BENCHMARK	---	APPROX. WATER SUPPLY
⬆ WETLAND FLAG	---	APPROX. GAS SUPPLY
⬆ CONIFEROUS TREE	---	APPROX. TELEPHONE
⬆ DECIDUOUS TREE	---	APPROX. SEWER
	---	APPROX. SEWER FORCE MAIN

RECORD OWNER

HAPPY MEDIUM LLC
BOOK 6944 PAGE 62
PARCEL ID:022/416.F-0010-0000.0

TETRAHYDRA AGTEK LLC
123B SEAVIEW AVE
SOUTH YARMOUTH, MA 02664

EARTHWORK, GRADING AND ACCESSIBILITY NOTES:

GENERAL

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL EXCAVATIONS AND OTHER SITEWORK COMPLY WITH CURRENT OSHA STANDARDS AND TRENCH SAFETY REGULATIONS.
- AREAS BEYOND THE LIMITS OF PROPOSED WORK THAT ARE DISTURBED BY CONTRACTOR'S WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- ACCESS TO THE SITE FOR EMERGENCY VEHICLES MUST BE PRESERVED AT ALL TIMES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING OF TRENCHES AND EXCAVATIONS DURING CONSTRUCTION.
- ALL DEMOLISHED MATERIALS, DEBRIS, PAVEMENT, CURBING, TREES AND STUMPS DESIGNATED FOR REMOVAL, SURPLUS MATERIALS, ETC, SHALL BE HANDLED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS EXPENSE, AT IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL, STATE AND FEDERAL REGULATIONS.
- ALL WORK WITHIN ANY PUBLIC RIGHT OF WAY (I.E. MUNICIPAL, STATE, ETC) SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE AGENCY HAVING JURISDICTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED WORK PERMITS FOR WORK WITHIN A PUBLIC WAY.
- ALL WORK INCLUDED IN THE CONDITIONS OF APPROVAL FOR LOCAL, STATE AND/OR FEDERAL PERMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONFORMED TO THROUGHOUT CONSTRUCTION.
- UNLESS OTHERWISE NOTED, ALL MATERIALS AND WORK METHODS SHALL COMPLY WITH THE MASS. DOT STANDARD SPECIFICATIONS.

GRADING:

- CONTRACTOR SHALL ASSURE THAT THERE IS POSITIVE SURFACE DRAINAGE AWAY FROM BUILDINGS IN ALL AREAS.
- REFER TO AND COORDINATE THE SITEWORK WITH THE ARCHITECTURAL PLANS FOR GRADING AROUND BUILDINGS, RAMPS, STEPS, DOORWAYS, FOUNDATIONS, AND RELATED CONSTRUCTION.

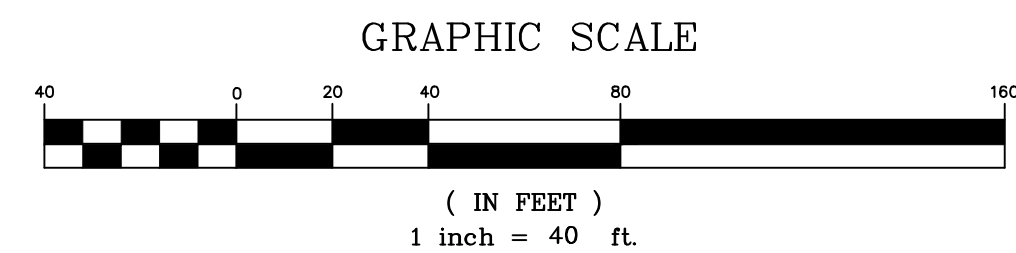
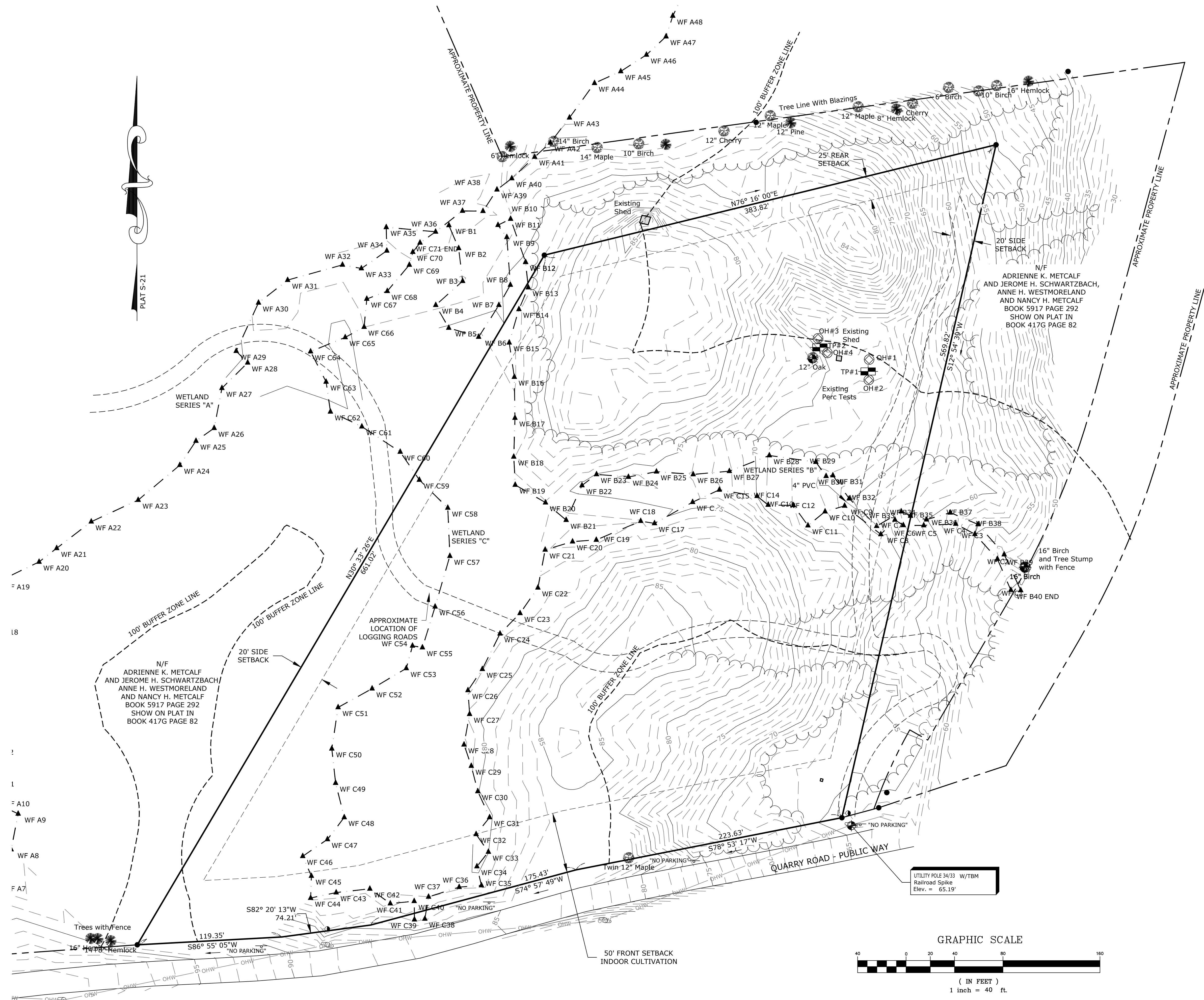
ACCESSIBILITY:

- CONTRACTOR SHALL PERFORM THE SITEWORK SO AS TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF MASS. ARCHITECTURAL ACCESS BOARD, 521 CMR.
- EXCEPT WHERE NOTED, IT IS THE DESIGN INTENTION THAT EXTERIOR DOORWAYS SHALL BE ACCESSIBLE AND THAT WALKWAYS APPROACHING BUILDINGS SHALL BE ACCESSIBLE.
- UNLESS OTHERWISE NOTED OR PERMITTED, ACCESSIBLE WALKWAYS SHALL BE CONSTRUCTED WITH A MAXIMUM RUNNING SLOPE OF 5.0% (LAYOUT TO SLOPE OF 4.5% TO ACCOUNT FOR CONSTRUCTION TOLERANCES), AND A MAXIMUM CROSS PITCH OF 2.0% (LAYOUT TO 1.5% FOR CONSTRUCTION TOLERANCES).
- PER 521 CMR 22.3.1 (EXCEPTION), FOR STREETS AND WAYS WHICH HAVE NATURAL TOPOGRAPHY IN EXCESS OF 5%, SIDEWALKS MAY BE PERMITTED TO HAVE RUNNING SLOPES IN EXCESS OF 5% WITHOUT REQUIRING A RAMP.
- CURB RAMPS SHALL COMPLY WITH THE APPLICABLE MASS. AAB (521 CMR 21 ET SEQ) REGULATIONS. WHERE APPLICABLE, CURB RAMPS SHALL ALSO CONFORM TO MASS. DOT STANDARDS.
- UNLESS OTHERWISE NOTED, HANDICAP PARKING SPACES AND ACCESS AISLES SHALL BE CONSTRUCTED WITH A MAXIMUM SLOPE IN ANY DIRECTION OF 2.0% (521 CMR 23.4). LAYOUT SHOULD BE TO SLOPE OF 1.5% TO ALLOW FOR CONSTRUCTION TOLERANCES.
- HANDICAP RAMPS SHALL BE CONSTRUCTED TO COMPLY WITH 521 CMR 24. THE MAXIMUM SLOPE SHALL BE 1:12 (8.33%) WITHOUT ANY ALLOWANCE FOR EXCEEDANCE.) THE MAXIMUM RISE OF ANY RUN SHALL NOT EXCEED 30" AND THE MAXIMUM LENGTH OF ANY RUN BETWEEN LANDINGS SHALL NOT EXCEED 30'.
- THE SPOT GRADES SHOWN ON THE PLANS ARE PROVIDED TO GIVE GUIDANCE TO THE CONTRACTOR ABOUT THE DESIGN INTENT FOR ACCESSIBILITY. CONTRACTOR SHALL LAYOUT AND CONSTRUCT THE WORK TO COMPLY WITH THE MASS AAB REQUIREMENTS. ANY DEVIATIONS NOTED IN THE LAYOUT THAT WOULD AFFECT ACCESSIBILITY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND CIVIL ENGINEER.
- ANY PORTION OF THE CONSTRUCTED WORK WHICH EXCEEDS THE MAXIMUM SLOPES SPECIFIED IN 521 CMR WILL BE CONSIDERED NON-COMPLIANT; THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR REMEDIATING THE NON-COMPLIANT WORK TO BRING IT WITHIN THE MASS. AAB REQUIREMENTS.

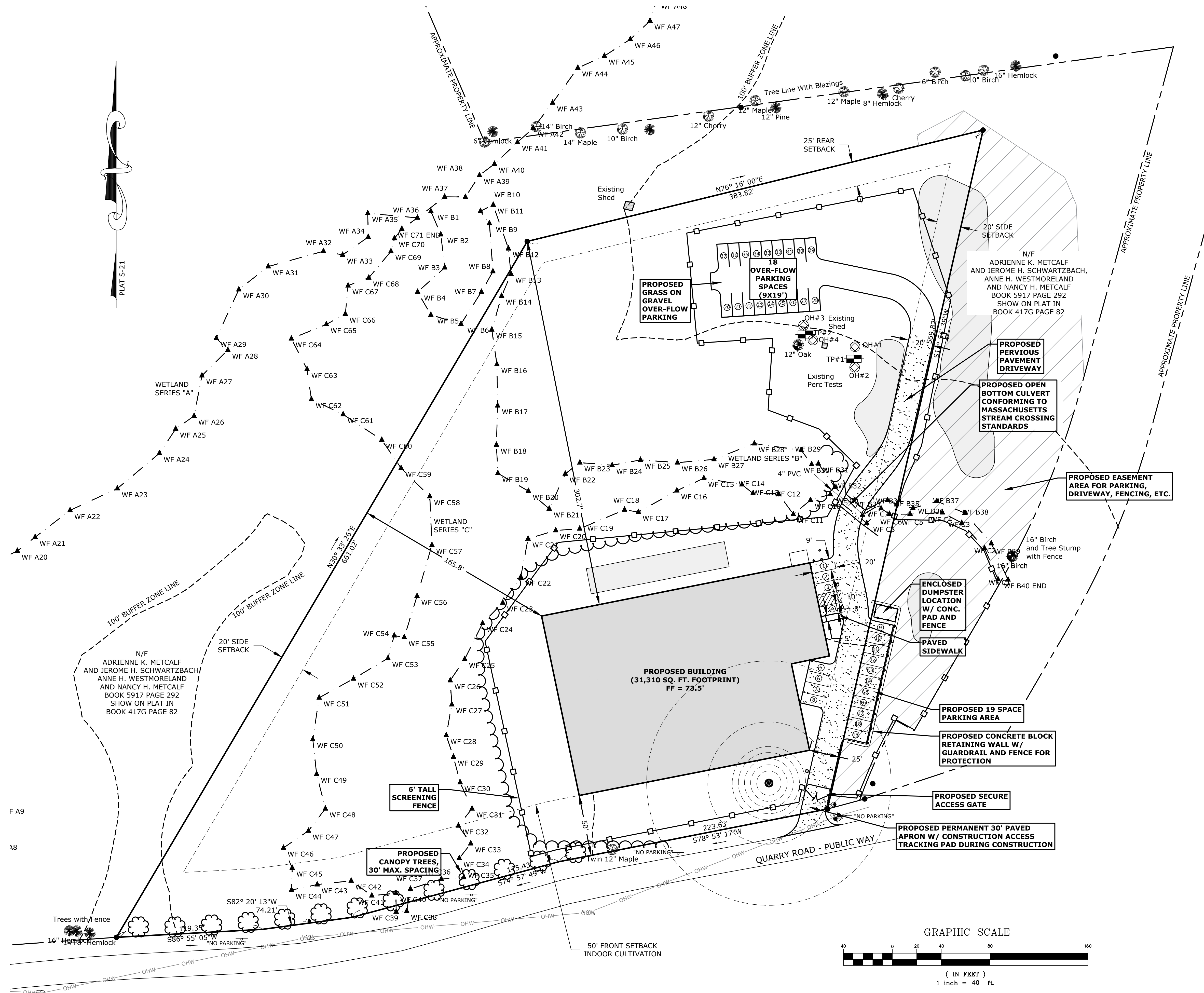
GENERAL NOTES REGARDING SITE UTILITIES:

- PRIOR TO CONSTRUCTION, SITEWORK CONTRACTOR SHALL NOTIFY THE DIG SAFE CENTER, PLUS THE MUNICIPAL AND/OR STATE PUBLIC WORKS DEPARTMENT AND PRIVATE UTILITIES TO ALLOW FOR THEM TO FIELD LOCATE THE FACILITIES IN THE VICINITY OF THE WORK. UPDATE THE NOTIFICATIONS TO DIG SAFE, ETC AS REQUIRED DURING CONSTRUCTION
- LOCATE AND PROTECT ALL UTILITIES AND STRUCTURES TO REMAIN. LOCATE AND PROPERLY DECOMMISSION EXISTING UTILITIES TO BE DISCONTINUED. ANY UNREPORTED UNDERGROUND UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER FOR A DETERMINATION ABOUT WHETHER OR NOT THEY SHOULD BE REPAIRED OR MAY BE DECOMMISSIONED.
- COORDINATE SITEWORK WITH OTHER TRADES.
- COORDINATE EXACT LOCATION, ELEVATION & SIZE OF ALL FOUNDATION PENETRATIONS FOR ALL UTILITIES WITH CONTRACTORS: M/E/P/FP/T
- REFER TO PLANS AND SPECIFICATIONS FOR REQUIREMENTS FOR EXPLORATORY TEST PITS AND OTHER PRE-CONSTRUCTION EXPLORATIONS.
- PIPING SUBJECT TO PLUMBING CODE: SITEWORK CONTRACTOR SHALL INSTALL SEWER, WATER AND BUILDING DRAINAGE SERVICE LINES SUBJECT TO THE MASS. STATE PLUMBING CODE TO WITHIN TEN FEET (10') FROM THE BUILDING FOUNDATION. PLUMBING CONTRACTOR SHALL MAKE THE FINAL INSTALLATION AND CONNECTION OF THE SEWER, WATER AND BUILDING DRAINAGE SERVICE LINES WITHIN THE FINAL TEN FEET TO THE BUILDING FOUNDATION. SITEWORK CONTRACTOR SHALL EXCAVATE, BED AND BACKFILL THE TRENCHES TO THE BUILDING FOUNDATION FOR THIS PIPING. (NOTE: BUILDING DRAINAGE LINES INCLUDES STORM DRAIN LINES SUCH AS ROOF LEADERS THAT ORIGINATE INSIDE THE BUILDING; IT DOES NOT INCLUDE FOUNDATION DRAINS, ROOF LEADERS FROM DOWNSPOUTS THAT ORIGINATE OUTSIDE THE BUILDING, OR SURFACE DRAINS OUTSIDE THE BUILDING, WHICH ARE SITEWORK COMPONENTS TO BE INSTALLED BY THE SITEWORK CONTRACTOR.)
- FIRE PROTECTION PIPING SUBJECT TO FIRE CODE: SITEWORK AND FIRE PROTECTION CONTRACTOR SHALL COORDINATE THE INSTALLATION AND TESTING UNDER NFPA STD5 (NFPA24, ETC) OF THE FIRE LINES AND APPURTENANCES FROM THE WATER MAIN TO THE BUILDING. SITEWORK CONTRACTOR SHALL EXCAVATE, BED AND BACKFILL THE TRENCHES AND FURNISH THE PIPING TO THE BUILDING FOUNDATION FOR THIS PIPING.
- ANY FIRE SERVICE MAIN INSTALLATION AND TESTING WORK SUBJECT TO NFPA-24 SHALL BE WITNESSED BY THE LICENSED FIRE PROTECTION CONTRACTOR. UPON COMPLETION OF THE WORK INCLUDING FLOW AND PRESSURE TESTS, SITEWORK CONTRACTOR SHALL SUBMIT THE COMPLETED "CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING."
- COORDINATE SITEWORK WITH UTILITY COMPANIES: ELECTRIC, COMMUNICATIONS, WIFI, TV, GAS, ETC.
- COORDINATE WITH ELECTRICAL CONTRACTOR (EC) FOR SITE LIGHTING: EXCAVATE, BED AND BACKFILL FOR CONDUITS, HANDHOLES, VAULTS, AND APPURTENANCES (FURNISHED AND INSTALLED BY EC); FURNISH AND INSTALL PRECAST CONC. POLE BASES WITH EMBEDDED ANCHOR BOLTS AND SWEEPS PROVIDED BY EC, ETC.
- COORDINATE WITH MEP CONTRACTOR (MC) FOR CAST-IN-PLACE CONC PADS FOR TRANSFORMER, GENERATOR, CONDENSERS, AIR HANDLERS, ETC; MC TO SUPPLY ANY EMBEDDED ITEMS TO SITEWORK CONTRACTOR FOR INSTALLATION.
- STORM DRAINAGE, EROSION AND SEDIMENTATION CONTROL, AND WETLANDS PROTECTION: REFER TO EROSION AND SEDIMENTATION CONTROL PLANS AND SPECIFICATIONS. PERFORM ALL SITEWORK AS REQUIRED TO REMAIN IN COMPLIANCE THROUGHOUT CONSTRUCTION AND IN ACCORDANCE WITH APPLICABLE PERMITS, INCLUDING BUT NOT LIMITED TO WETLANDS PROTECTION ACT, AND CONSTRUCTION GENERAL PERMIT UNDER THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) ISSUED BY EPA.
- WATER AND SEWER LINES SHALL BE SEPARATED A MINIMUM OF 10' HORIZONTALLY AND A MINIMUM OF 18" VERTICALLY AT CROSSINGS. SEE DETAIL.

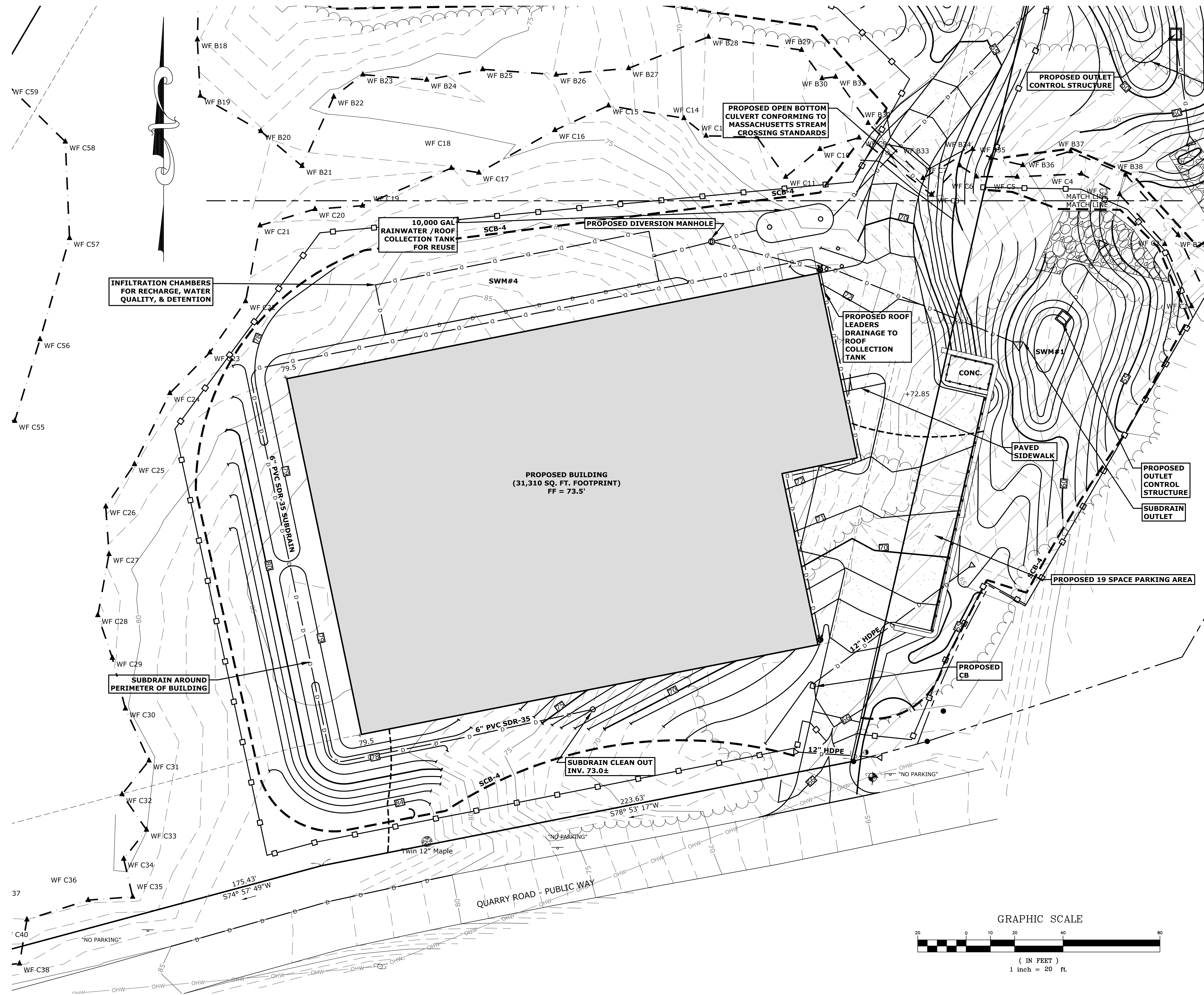
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NO.	DATE	REVISION/ISSUE	BY
SHEET TITLE		PROJECT NO.	
COVER SHEET AND SHEET INDEX		E2988	
		SCALE	AS NOTED
PROJECT TITLE		DATE	1/25/22
		DESIGNED BY	SAM
TETRAHYDRA AGTEK LLC		DRAWN BY	DMW
		CHECKED BY	
509 Quarry Road Becket, MA.		SHEET NO.	C-0
FORESIGHT LAND SERVICES		ENGINEERING SURVEYING PLANNING	OF SHEETS
1496 WEST HOUSATONIC STREET - PITTSFIELD, MA 01201			
TEL: (413) 499-1560 FAX: (413) 499-3307 WWW.FORESIGHTLAND.COM			



1/25/22		Issue for Special Permit Supplement Only	
NO.	DATE	REVISION/ISSUE	BY
SHEET TITLE			
EXISTING CONDITIONS PLAN			
PROJECT TITLE			
TETRAHYDRA AGTEK LLC			
509 Quarry Road Becket, MA.			
PROJECT NO. E2988			
SCALE AS NOTED			
DATE 1/25/22			
DESIGNED BY SAM			
DRAWN BY DMW			
CHECKED BY			
SHEET NO. C-1			
OF SHEETS			
FORESIGHT LAND SERVICES, INC. 1496 WEST HOUSATONIC STREET - PITTSFIELD, MA 01201 TEL (413) 499-1560 FAX (413) 499-3307 WWW.FORESIGHTLAND.COM			
ENGINEERING SURVEYING PLANNING			
22868002			



1/25/22		Issue for Special Permit Supplement Only	
NO.	DATE	REVISION/ISSUE	BY
SHEET TITLE		PROJECT NO.	
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		SCALE	
		AS NOTED	
PROJECT TITLE		DATE	
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		DESIGNED BY	
		SAM	
509 Quarry Road Becket, MA.		DRAWN BY	
FORESIGHT LAND SERVICES		DMW	
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ENGINEERING SURVEYING PLANNING		SHEET NO.	
FORESIGHT LAND SERVICES, INC.		OF SHEETS	
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TEL (413) 499-1560 FAX (413) 499-3307 WWW.FORESIGHTLAND.COM			

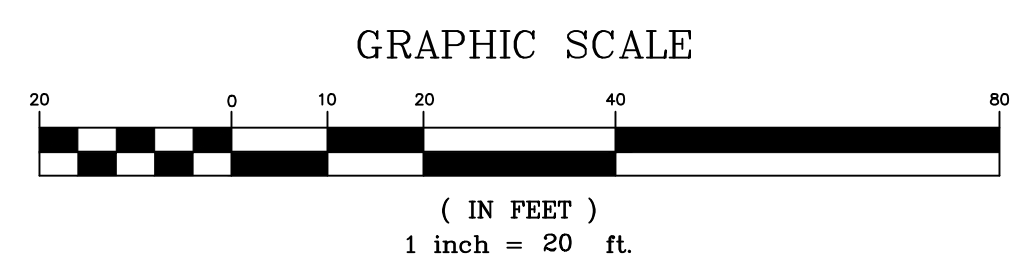
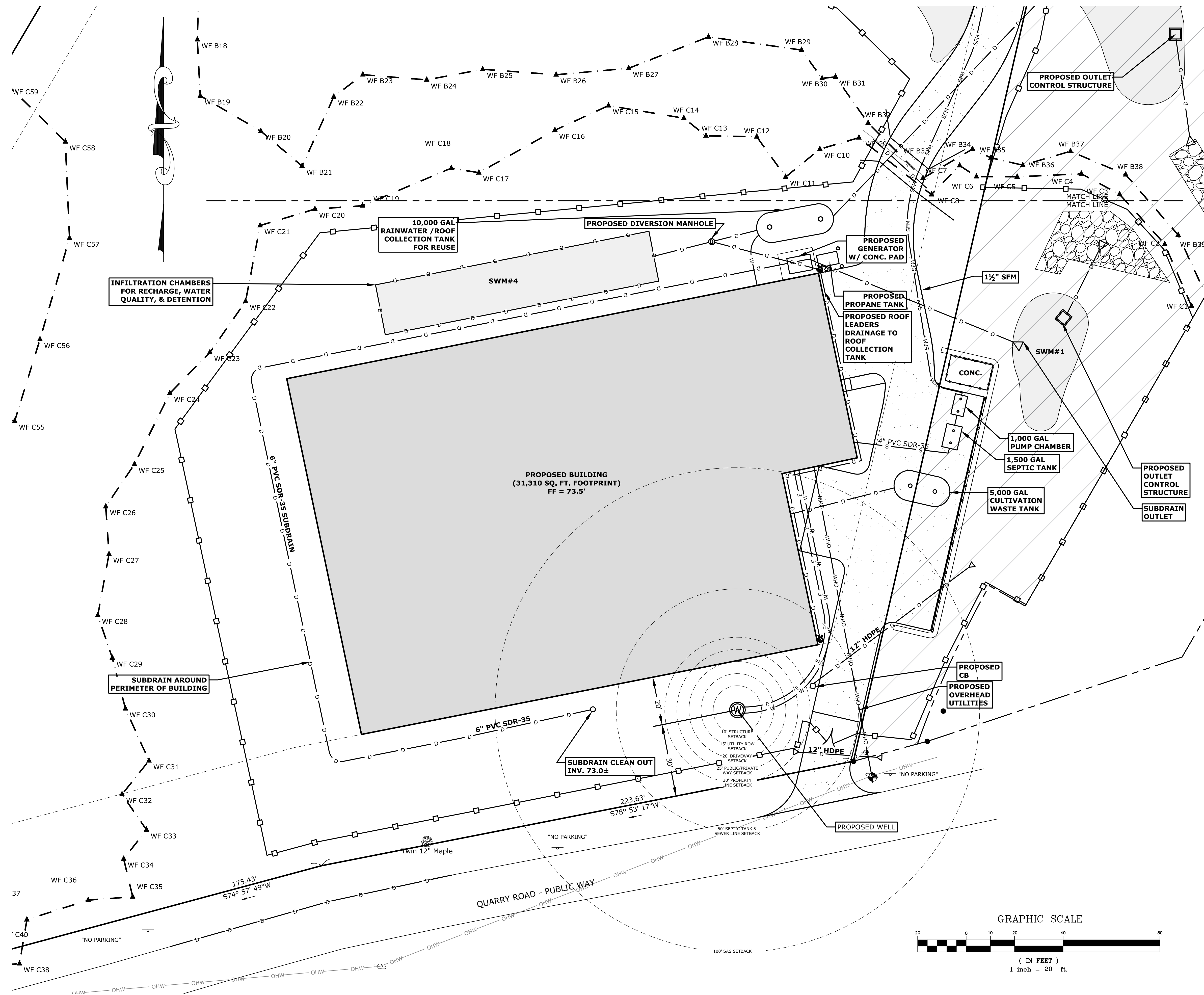


NOTE:
USE STORMWATER MANAGEMENT AREAS AS TEMPORARY
SEDIMENT TRAPS DURING CONSTRUCTION. CONTRACTOR SHALL
INSTALL ADDITIONAL CONSTRUCTION SEDIMENT TRAPS DURING
CONSTRUCTION AS REQUIRED TO CONTROL EROSION.

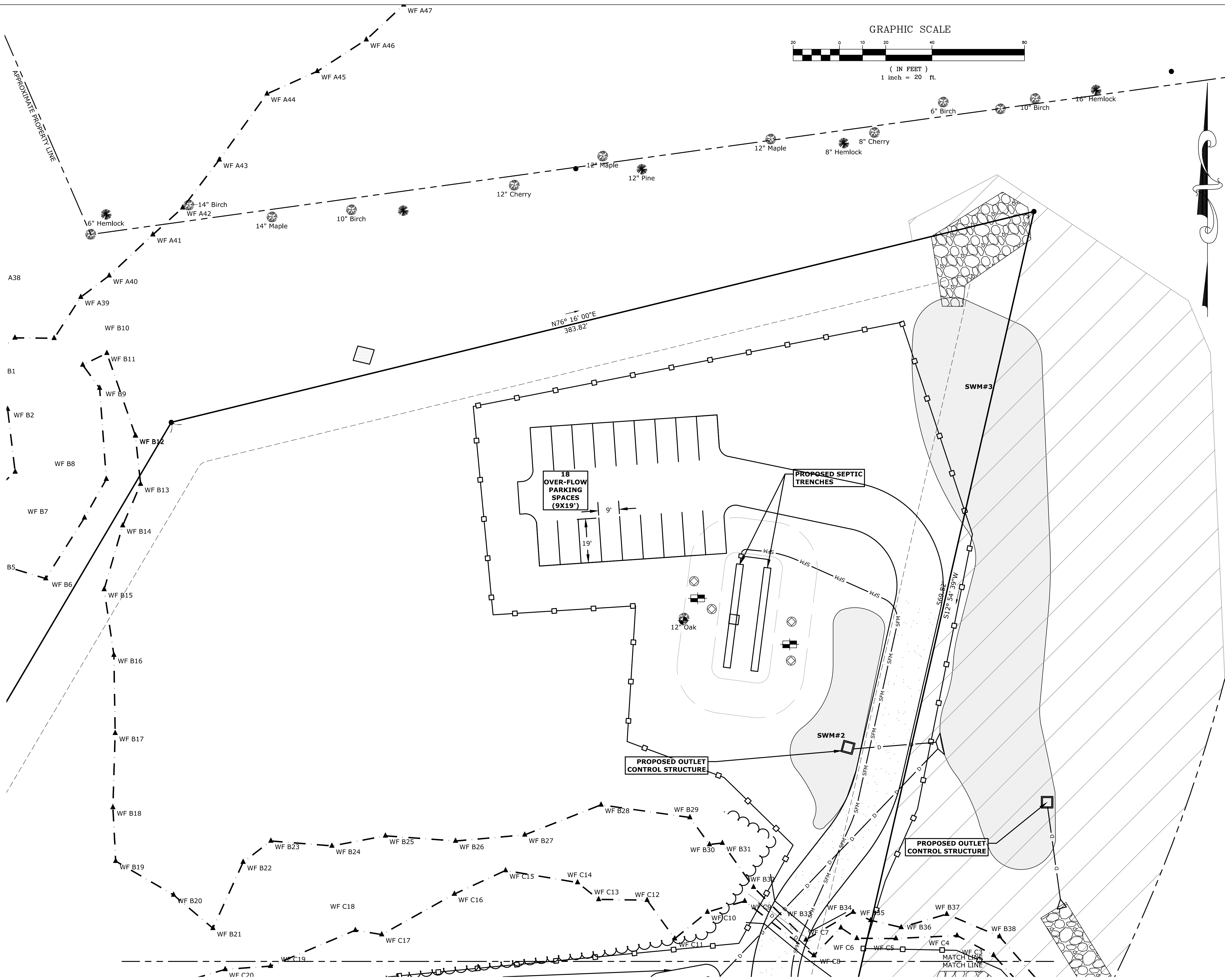
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GRADING, DRAINAGE AND		E2988	
EROSION CONTROL PLAN 1		SCALE	
TETRAHYDRA AGTEK LLC		AS NOTED	
509 Quarry Road		DATE	
Becket, MA.		1/25/22	
DESIGNED BY		DRAWN BY	
SAM		DMW	
CHECKED BY		SHEET NO.	
		C-3	
OF SHEETS		SHEET NO.	
		E2988002	
FORESIGHT LAND SERVICES, INC. 1496 WEST HOUSATONIC STREET - PITTSFIELD, MA 01201 TEL (413) 499-1560 FAX (413) 499-3307 WWW.FORESIGHTLAND.COM			
ENGINEERING SURVEYING PLANNING			



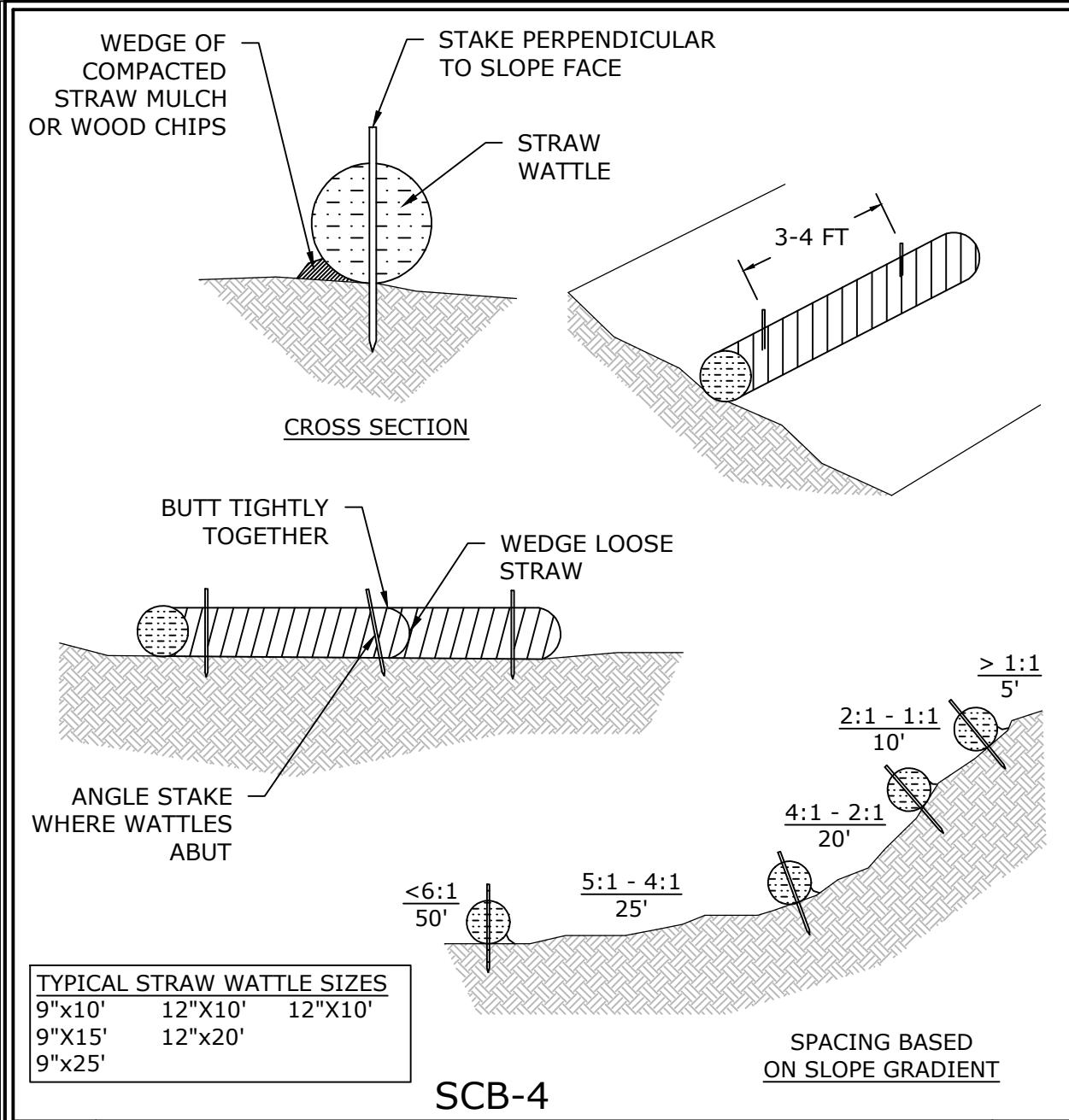
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		SCALE	
		AS NOTED	
PROJECT TITLE		DATE	
TETRAHYDRA AGTEK LLC		1/25/22	
		DESIGNED BY	
		SAM	
509 Quarry Road Becket, MA.		DRAWN BY	
		DMW	
		CHECKED BY	
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		OF SHEETS	
FORESIGHT LAND SERVICES, INC. 1496 WEST HOUSATONIC STREET - PITTSFIELD, MA 01201 TEL (413) 499-1560 FAX (413) 499-3307 WWW.FORESIGHTLAND.COM		ENGINEERING SURVEYING PLANNING	
		SHEET NO.	
		E2988002	



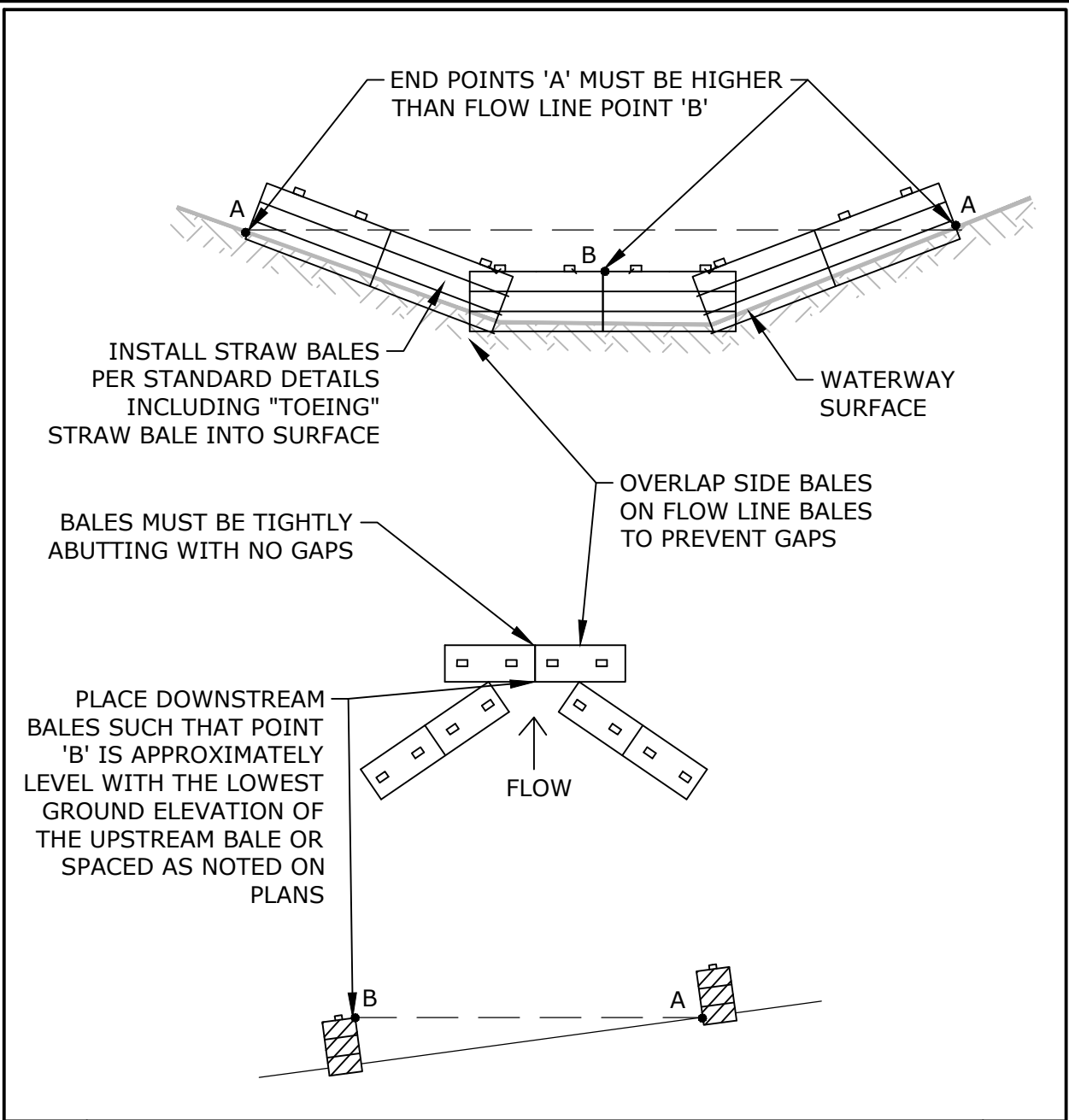
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1/25/22		Issue for Special Permit Supplement Only	
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		SCALE	AS NOTED
		DATE	1/25/22
		DESIGNED BY	SAM
		DRAWN BY	DMW
		CHECKED BY	
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		509 Quarry Road Becket, MA.	
SHEET NO.		C-5	
OF SHEETS		29	
FORESIGHT LAND SERVICES, INC.		ENGINEERING SURVEYING PLANNING	
1496 WEST HOUSATONIC STREET - PITTSFIELD, MA 01201			
TEL (413) 499-1560 FAX (413) 499-3307 WWW.FORESIGHTLAND.COM			



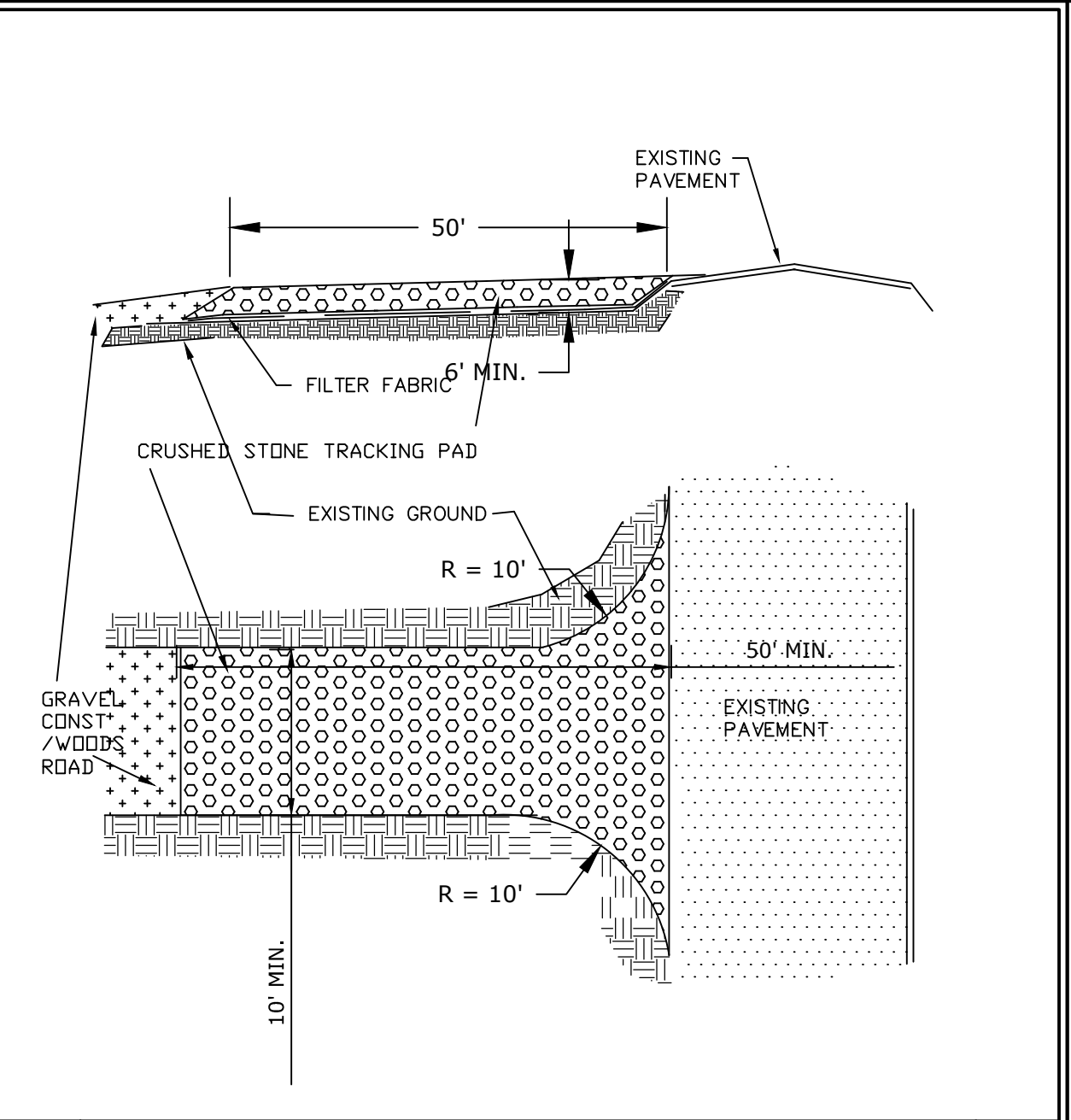
	2/15/22	Revised Outdoor Cultivation to Parking		
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SHEET TITLE				PROJECT NO.
UTILITY PLAN 2 TETRAHYDRA AGTEK LLC 509 Quarry Road Becket, MA. FORESIGHT LAND SERVICES ENGINEERING SURVEYING PLANNING				E2988
				SCALE
				AS NOTED
				DATE
				1/25/22
PROJECT TITLE				DESIGNED BY
TETRAHYDRA AGTEK LLC				SAM
509 Quarry Road Becket, MA.				DRAWN BY
				DMW
CHECKED BY				
SHEET NO.				C-6
OF _____ SHEETS				
FORESIGHT LAND SERVICES, INC. 1496 WEST HOUSATONIC STREET - PITTSFIELD, MA 01201 TEL (413) 499-1560 FAX (413) 499-3307 WWW.FORESIGHTLAND.COM				CUSTOMER NO. E2988002



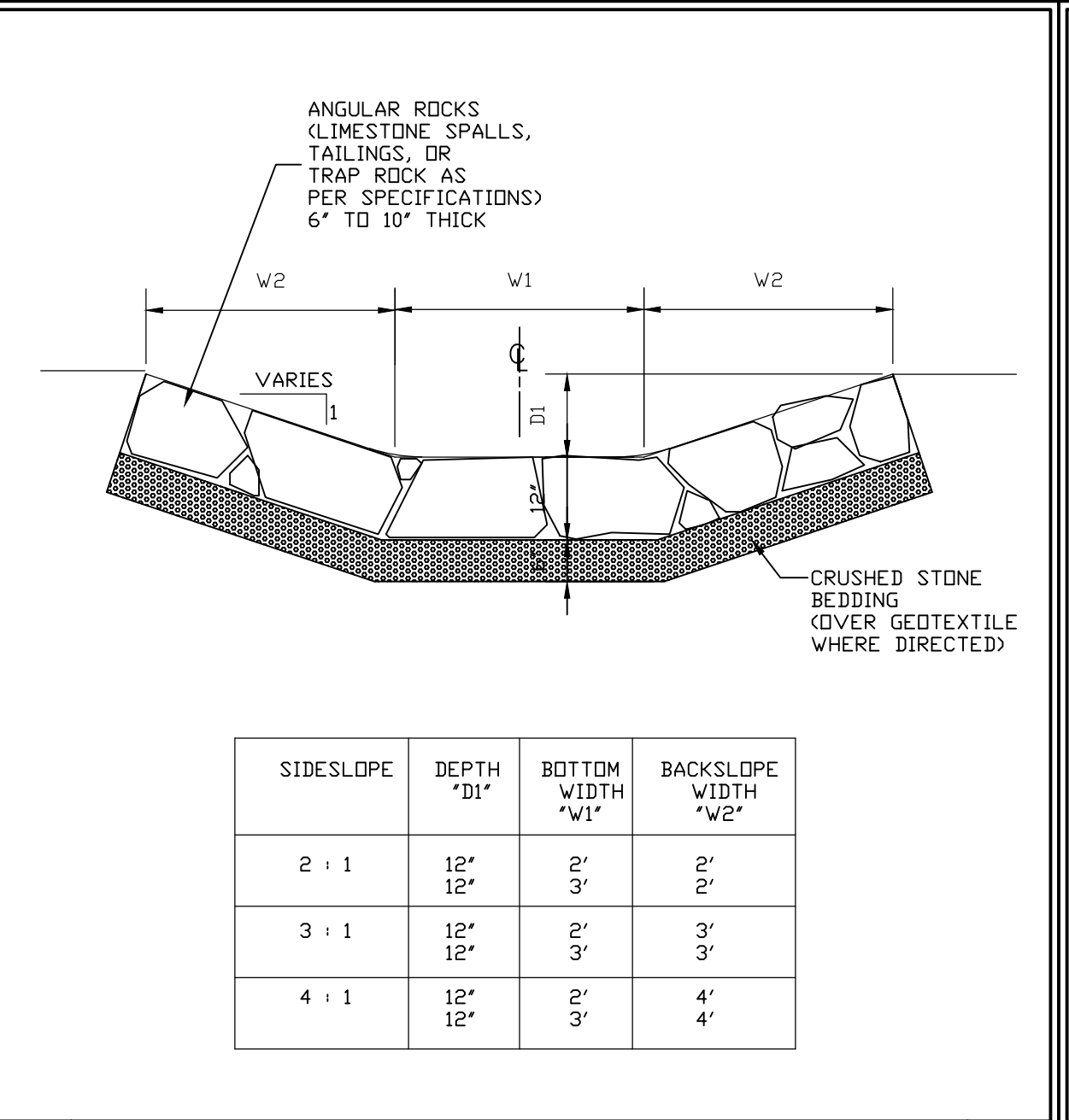
SCB -4 TYPICAL STRAW WATTLE INSTALLATION



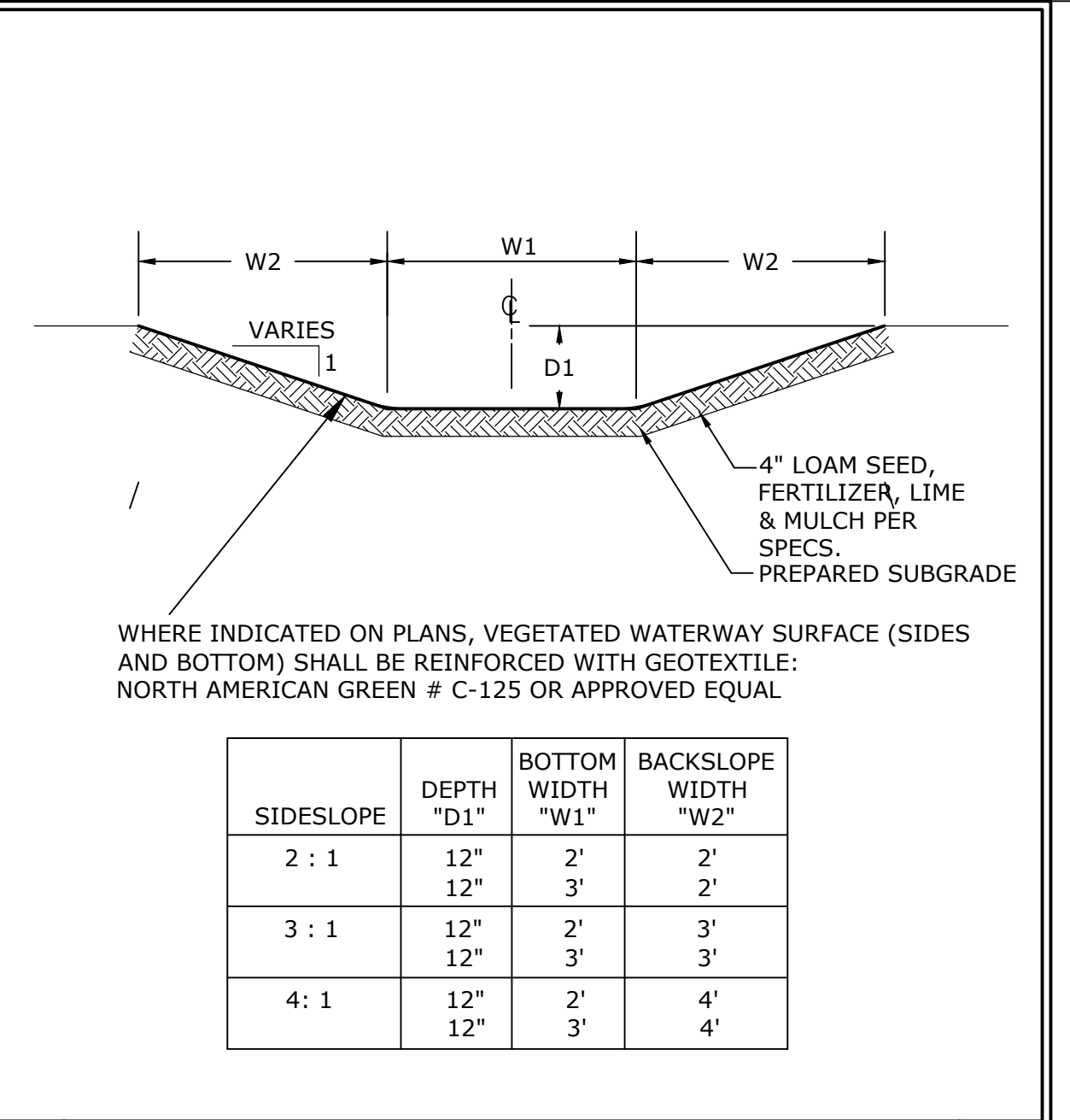
STRAW BALE CHECK DAM



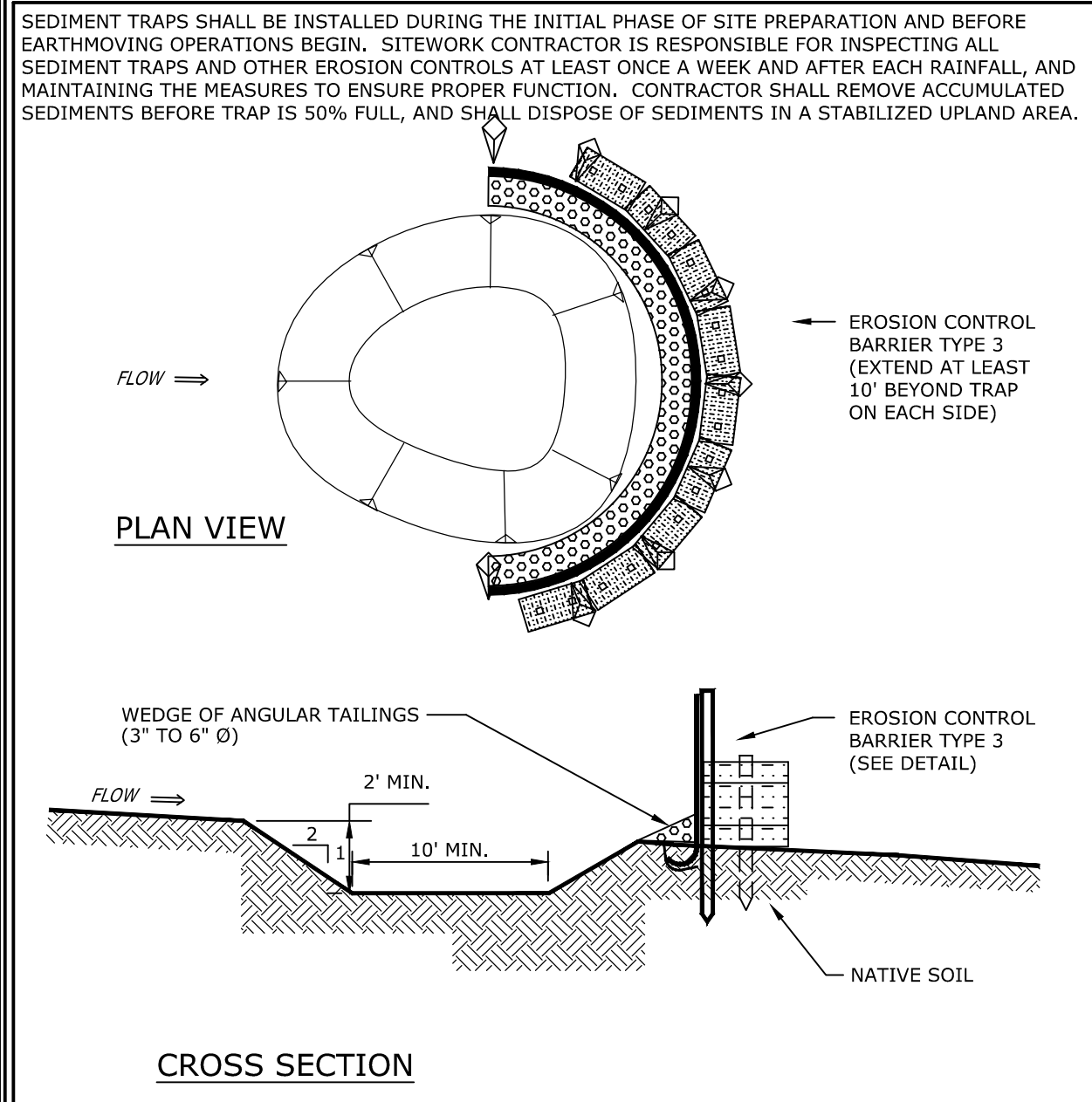
STABILIZED CONSTRUCTION ENTRANCE



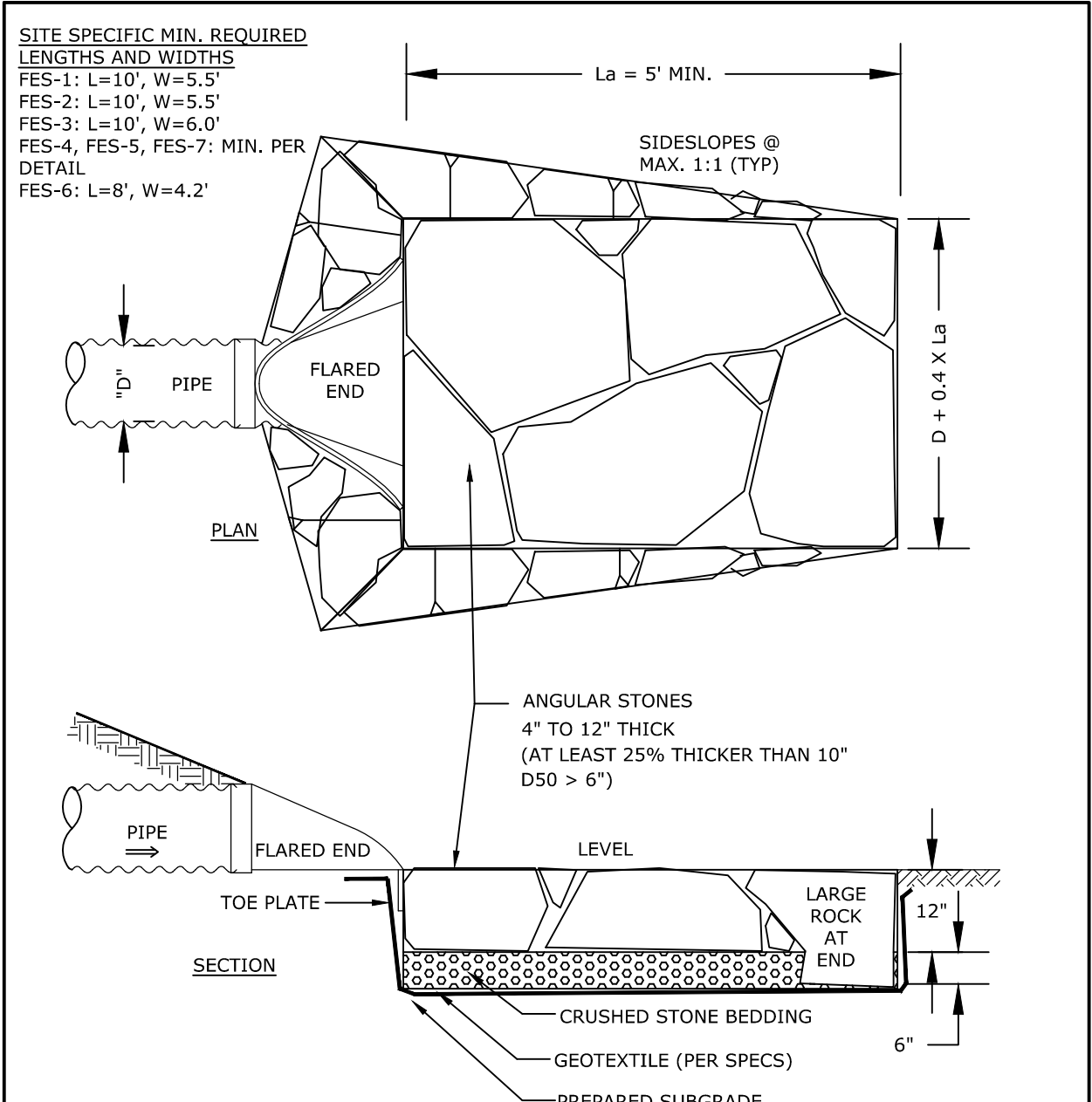
STONE-LINED WATERWAY



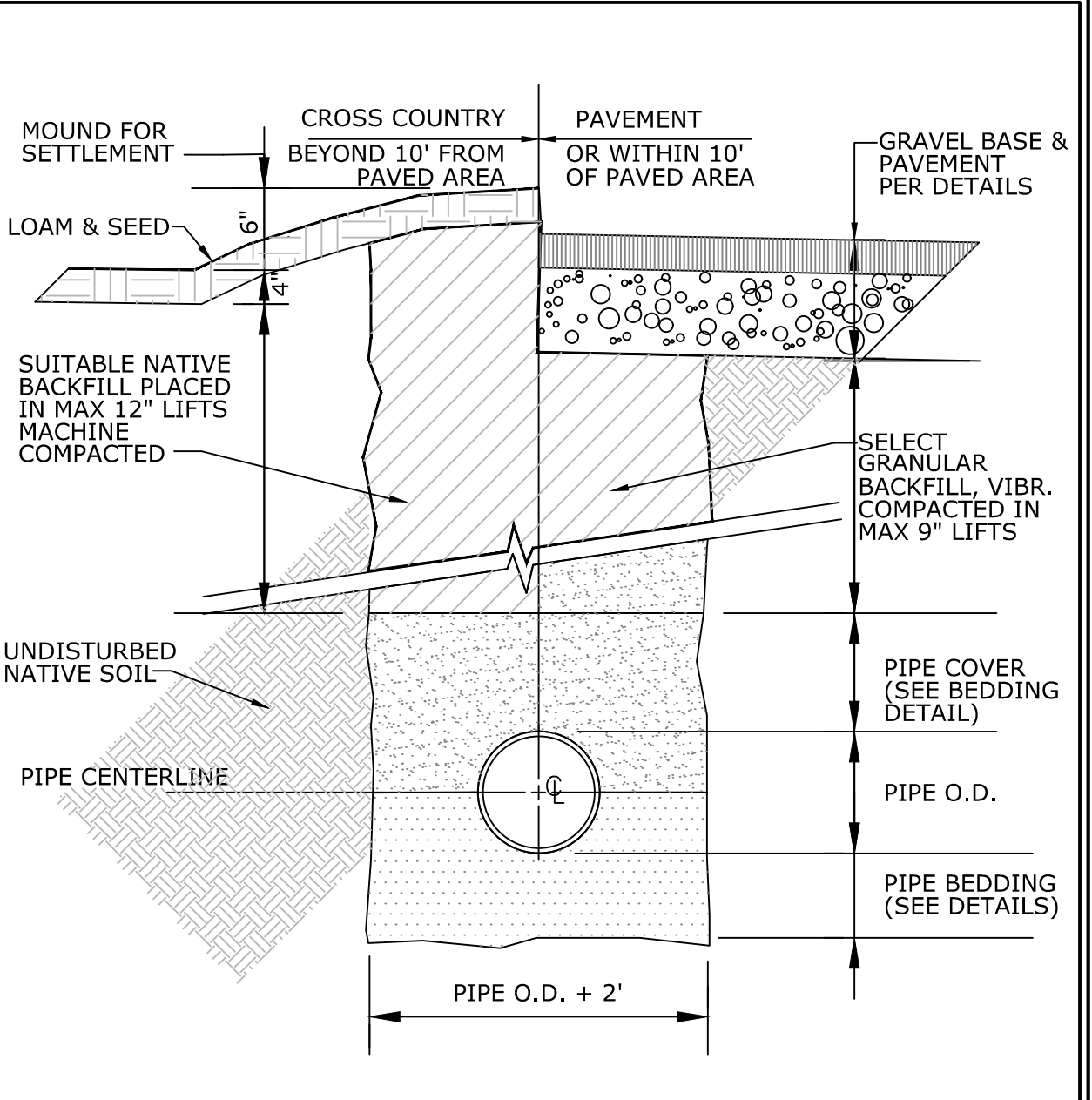
VEGETATED WATERWAY



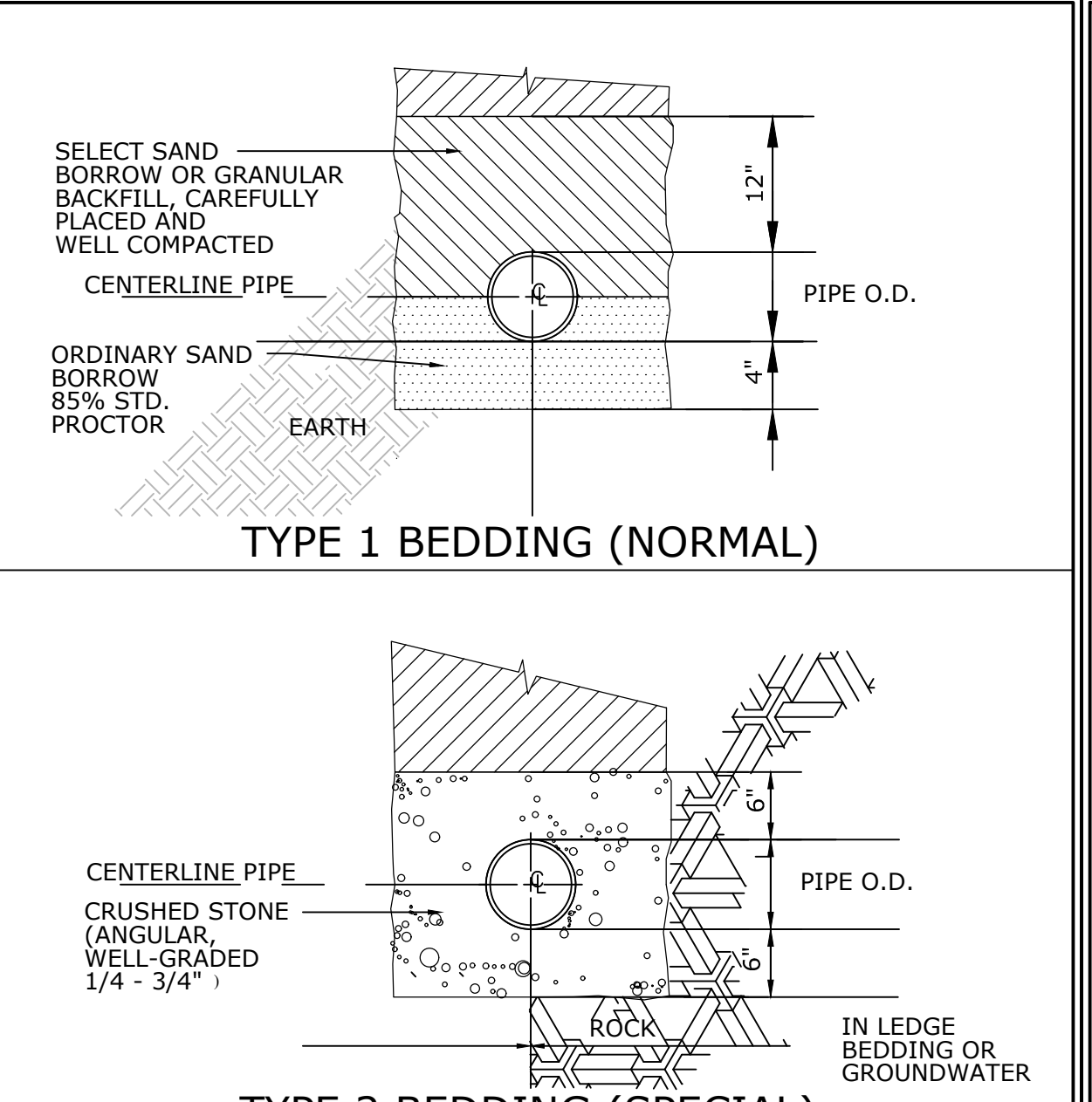
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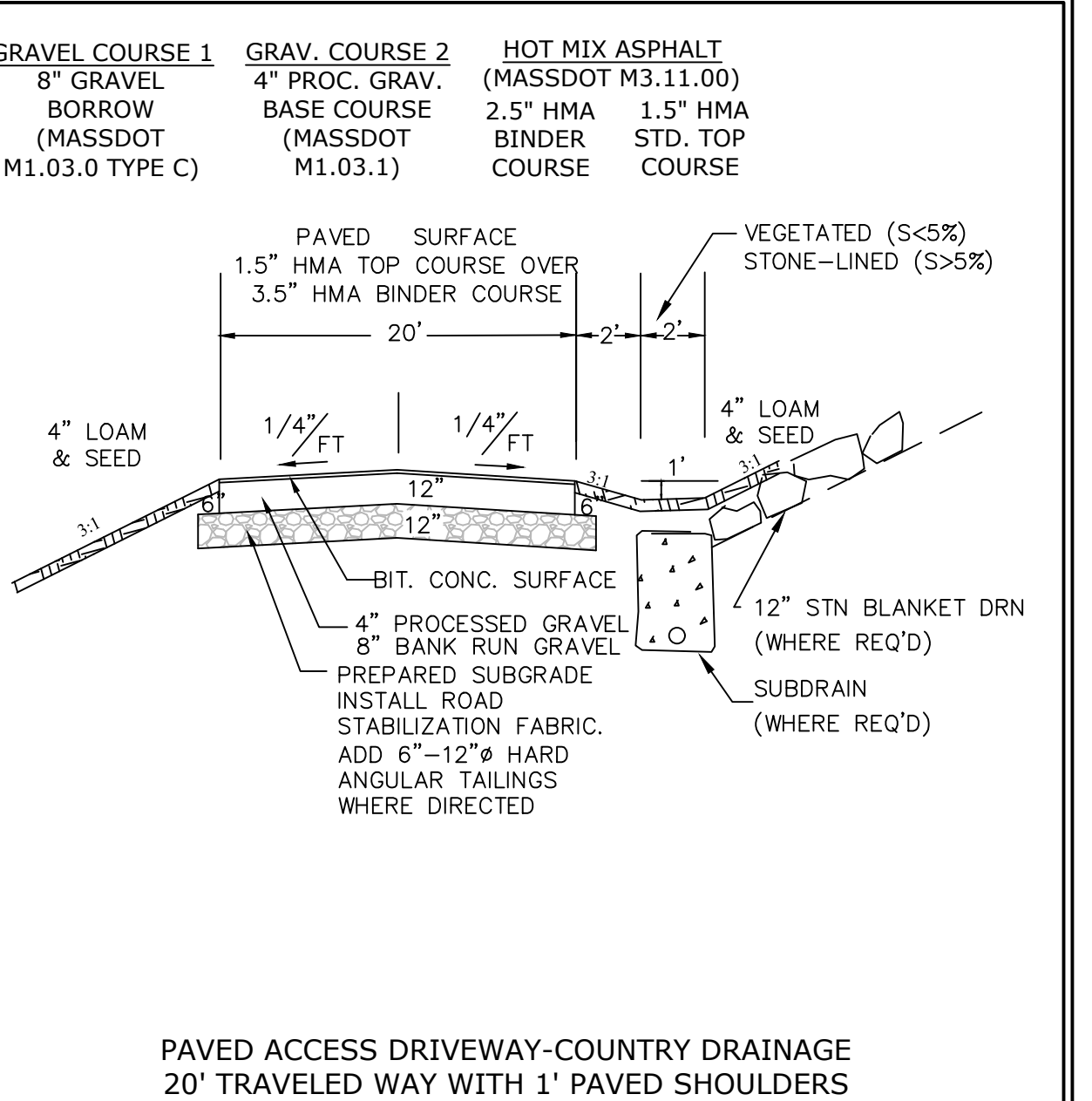
STONE DISCHARGE APRON



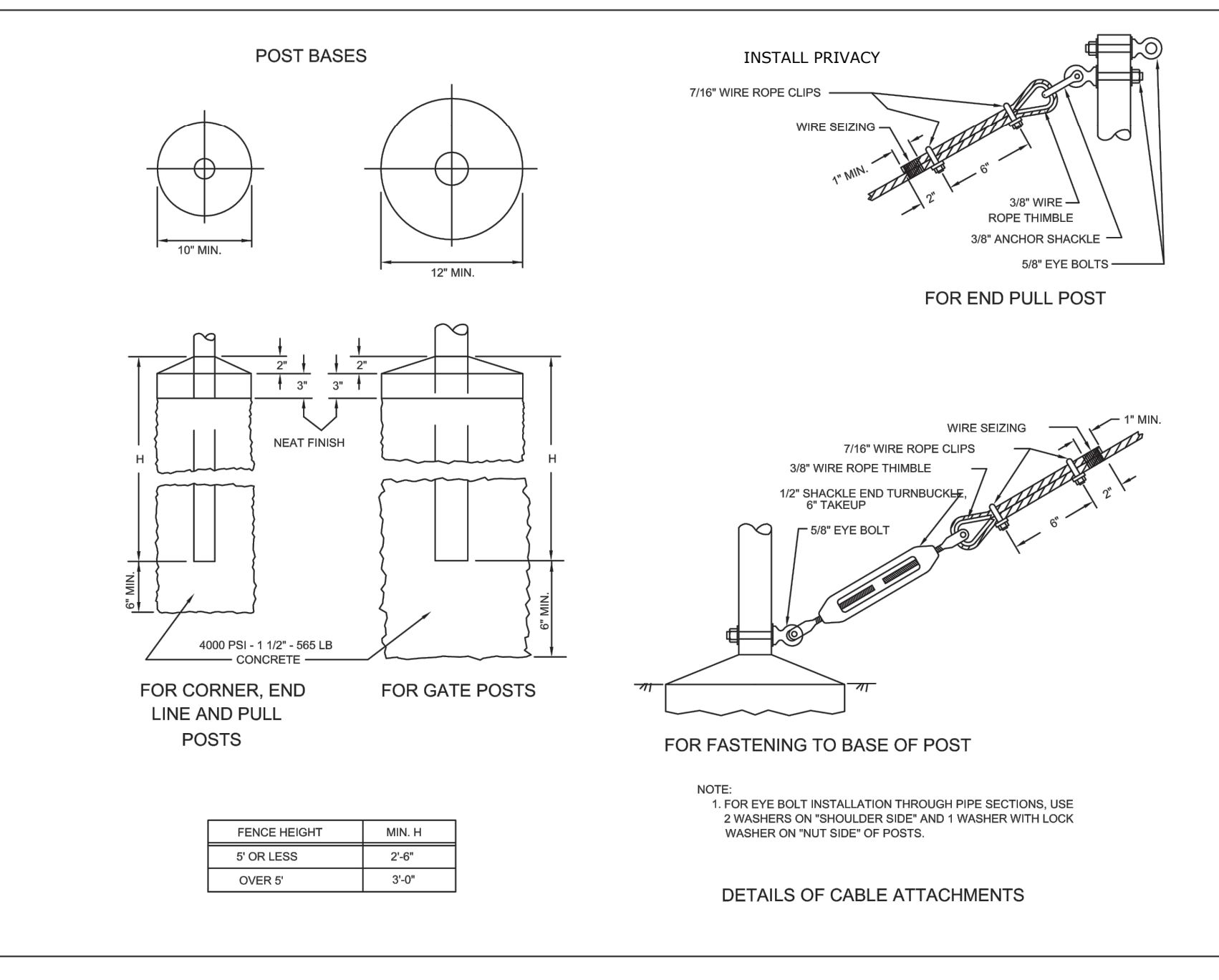
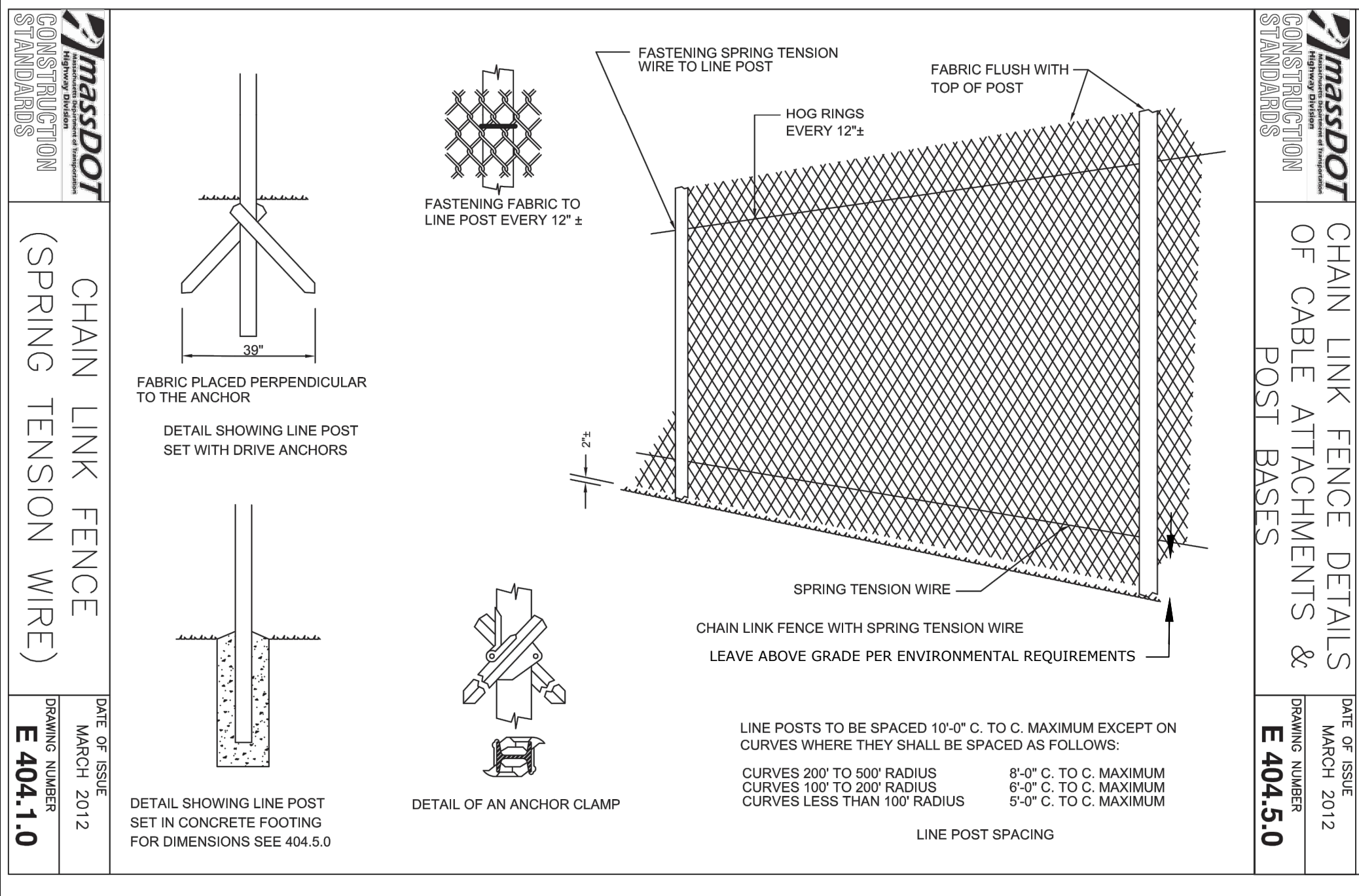
TRENCH CROSS SECTION



PIPE BEDDING



TYPICAL DRIVEWAY APRON SECTION



1/25/22		Issue for Special Permit Supplement Only	
NO.	DATE	REVISION/ISSUE	BY
SHEET TITLE			
DETAILS 1			
PROJECT TITLE			
TETRAHYDRA AGTEK LLC			
509 Quarry Road Becket, MA.			
FORESIGHT LAND SERVICES			
ENGINEERING SURVEYING PLANNING			
PROJECT NO.			
E2988			
SCALE			
AS NOTED			
DATE			
1/25/22			
DESIGNED BY			
SAM			
DRAWN BY			
DMW			
CHECKED BY			
C-7			
SHEET NO.			
OF SHEETS			
FORESIGHT LAND SERVICES, INC.			
1496 WEST HOUSATONIC STREET - PITTSFIELD, MA 01201			
TEL (413) 499-1560 FAX (413) 499-3307 WWW.FORESIGHTLAND.COM			

DOWNSPOUT LEADER INLET

NOTES:

- SEWER LINES SHALL TYPICALLY BE INSTALLED AT LEAST 18" LOWER THAN EXISTING OR PROPOSED WATER MAINS WITHIN 10 FEET HORIZONTALLY UNLESS CONDITIONS PROHIBIT IT.
- WHERE SEWER MUST CROSS UNDER THE WATER MAIN, THE SEWER SHALL BE LAID SO THE TOP OF THE SEWER IS AT LEAST 18" BELOW THE BOTTOM OF THE WATER MAIN. (SEE DETAIL BELOW)
- IF THE VERTICAL SEPARATION AT THE WATER/SEWER CROSSING MUST BE LESS THAN 18" FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN, THE WATER LINE SHOULD BE RELOCATED TO CONFORM TO THE REQUIRED SEPARATION. ALTERNATIVELY, THE WATER MAIN SHALL BE RECONSTRUCTED WITH MECHANICAL JOINT CEMENT-LINED DUCTILE IRON PIPE FOR A DISTANCE OF 10 FEET EACH SIDE OF THE SEWER; AND ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THE JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IF THE REQUIRED 18" VERTICAL SEPARATION (AND/OR REQUIRED HORIZONTAL SEPARATION) CANNOT BE MET, BOTH THE WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT CEMENT-LINED DUCTILE IRON PIPE FOR AT LEAST 10 FEET EACH SIDE OF THE CROSSING; AND BOTH PIPES SHALL BE PRESSURE TESTED FOR WATERTIGHTNESS OR BOTH PIPES SHALL BE ENCASED IN CONCRETE.
-

SEWER/WATER CROSSING DETAIL

SUBDRAIN

SUBDRAIN CLEANOUT

AREA	BANK RUN GRAV. SUBBASE (MassDOT M1.03.0 Type B)	PROC. GRAV. BASE COURSE (MassDOT M1.03.1)	HOT MIX ASPHALT (MassDOT M3.11.00) BINDER COURSE	TOP COURSE
REGULAR DUTY PAVEMENT	8" MIN.	4" MIN.	2 1/2"	2"

PATHWAY PAVEMENT

Typical Gravity Wall Section

RETAINING WALL

SECTION

PLAN

SWMA REVERSE SLOPE TRICKLE FILTER

SEE PLAN

SEE PLAN

SEE PERVIOUS ROCK BERM DETAIL

ROCK RIP RAP DISCHARGE / SUMP

SEE PLAN

SEE PLAN

PROVIDE WEIR - SEE PLAN FOR ELEVATION

PERVIOUS ROCK BERM

NOTE: SEE PLAN FOR ELEVATIONS, DIMENSIONS, AND SPECIAL CONDITIONS OF CONSTRUCTION PERTAINING TO THESE DETAILS.

EMERGENCY SPILLWAY SECTION

CONSTRUCT EMERGENCY SPILLWAY CHANNEL BY EXCAVATION THROUGH ORIGINAL GROUND, NOT BY FILLING.

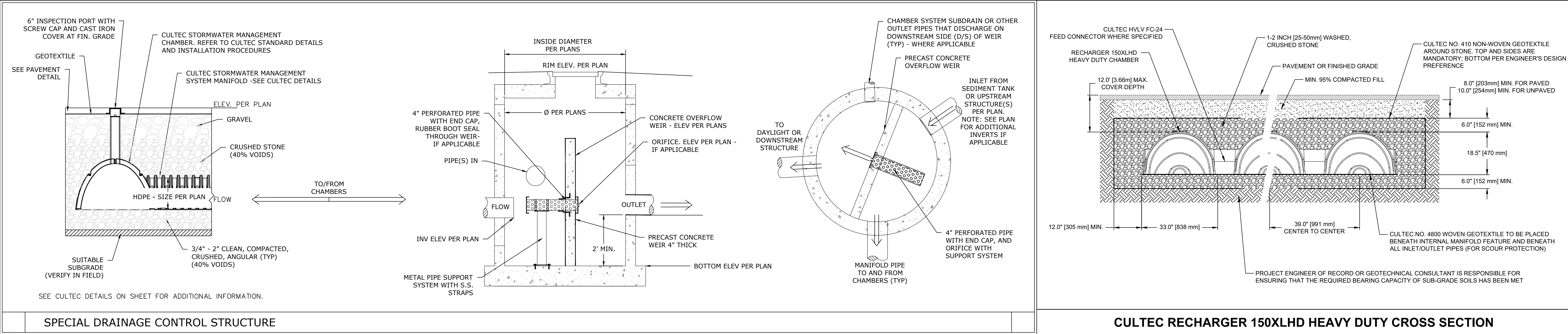
TYPICAL EMBANKMENT SECTION

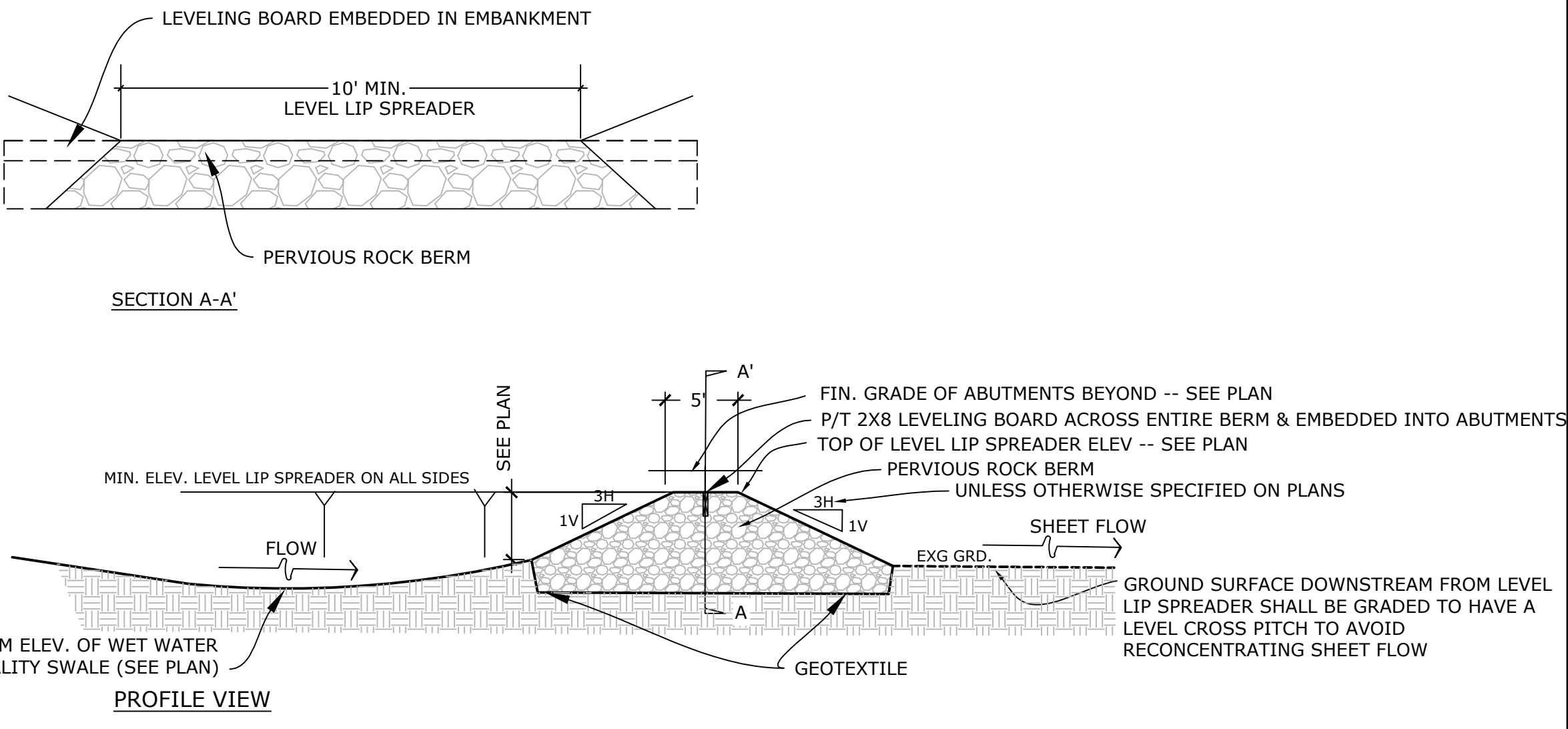
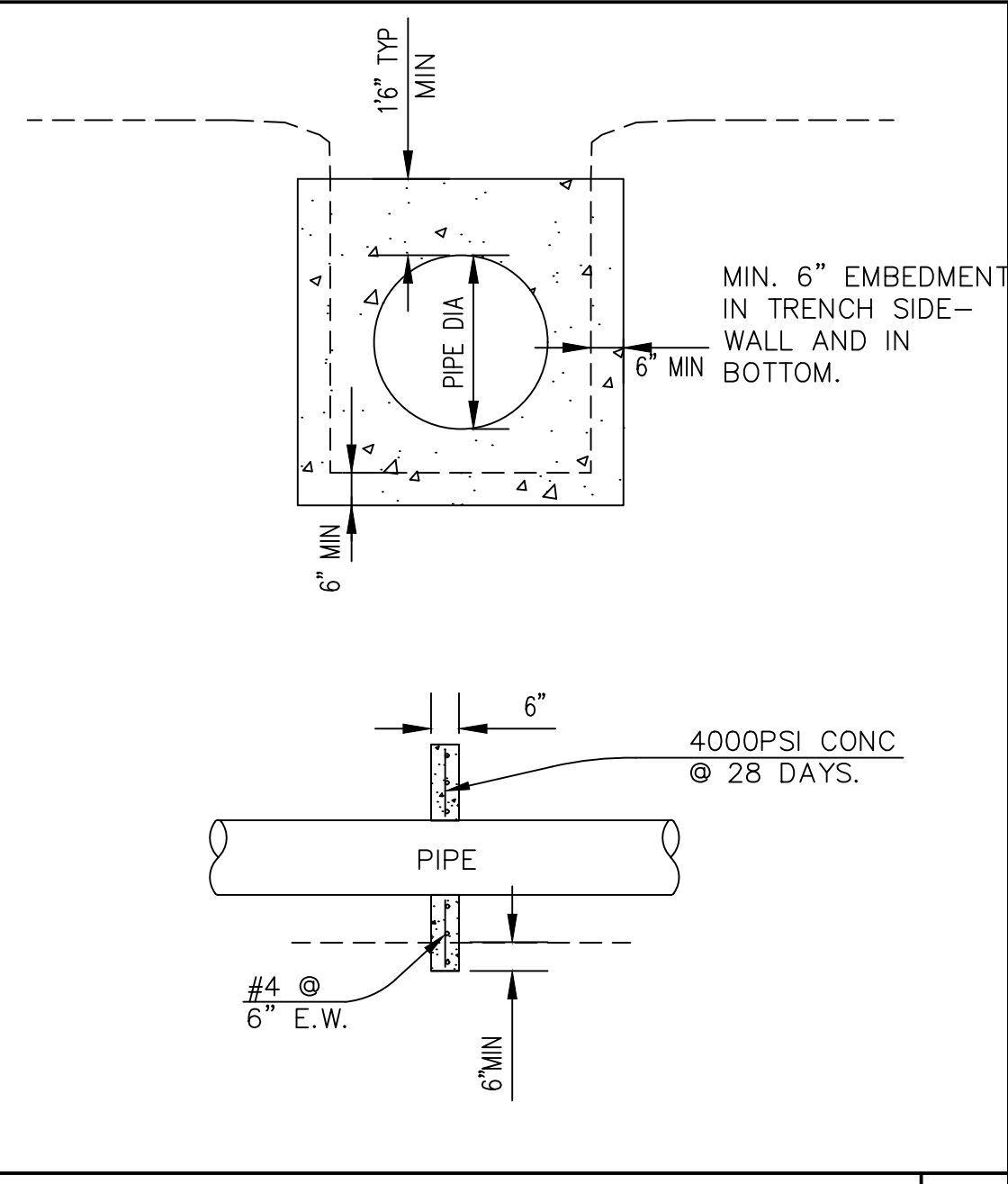
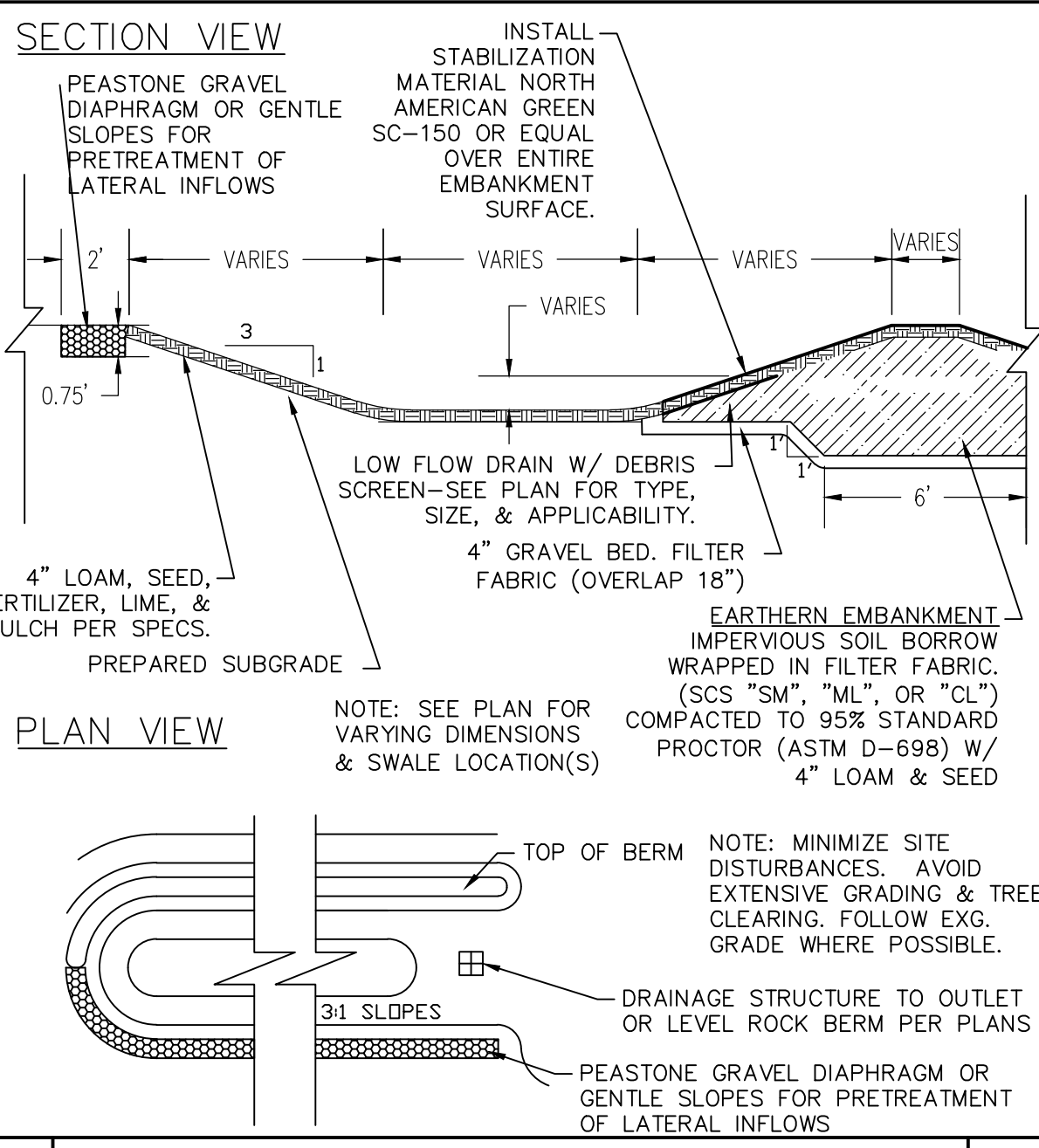
NOT TO SCALE

STORMWATER BASIN EMBANKMENT

CONCRETE DUMPSTER PAD

1/25/22		Issue for Special Permit Supplement Only			
NO.	DATE	REVISION/ISSUE		BY	
SHEET TITLE		PROJECT NO.		SHEET NO.	
DETAILS 2		E2988		C-8	
PROJECT TITLE		SCALE		OF SHEETS	
TETRAHYDRA AGTEK LLC		AS NOTED		2	
509 Quarry Road		DATE		DESIGNED BY	
Becket, MA.		1/25/22		SAM	
FORESIGHT LAND SERVICES		DRAWN BY		DMW	
ENGINEERING SURVEYING PLANNING		CHECKED BY			
1496 WEST HOUSTONIC STREET - PITTSFIELD, MA 01201		SHEET NO.		C-8	
TEL: (413) 499-1560 FAX: (413) 499-3307 WWW.FORESIGHTLAND.COM		OF SHEETS		2	





LEVEL LIP SPREADER AND PERVIOUS ROCK BERM

1/25/22	Issue for Special Permit Supplement Only		
NO.	DATE	REVISION/ISSUE	BY
SHEET TITLE DETAILS 4 PROJECT TITLE TETRAHYDRA AGTEK LLC 509 Quarry Road Becket, MA FORESIGHT LAND SERVICES, INC. ENGINEERING SURVEYING PLANNING			PROJECT NO. E2988 SCALE AS NOTED DATE 1/25/22 DESIGNED BY SAM DRAWN BY DMW CHECKED BY
FORESIGHT LAND SERVICES, INC. 1.496 WEST HOBSONGTON STREET • PITTSFIELD, MA 01201 (413) 439-1560 FAX: (413) 499-3307 WWW.FORESIGHTLAND.COM			SHEET NO. C-10 OF _____ SHEETS DRAWER NO. E2988MOD