

SITE PLAN FOR PROPOSED SELF STORAGE 147 MAIN ST, LEICESTER, MA.

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

PREPARED FOR:
SAFE N LOCK CAPITAL PARTNERS LLC
3333 NEW HYDE PARK ROAD
SUITE 200
LAKE SUCCESS, NY 11042

PROPOSED SELF-STORAGE
147 MAIN STREET
LEICESTER, MA, 01611
WORCESTER COUNTY

GENERAL NOTES:

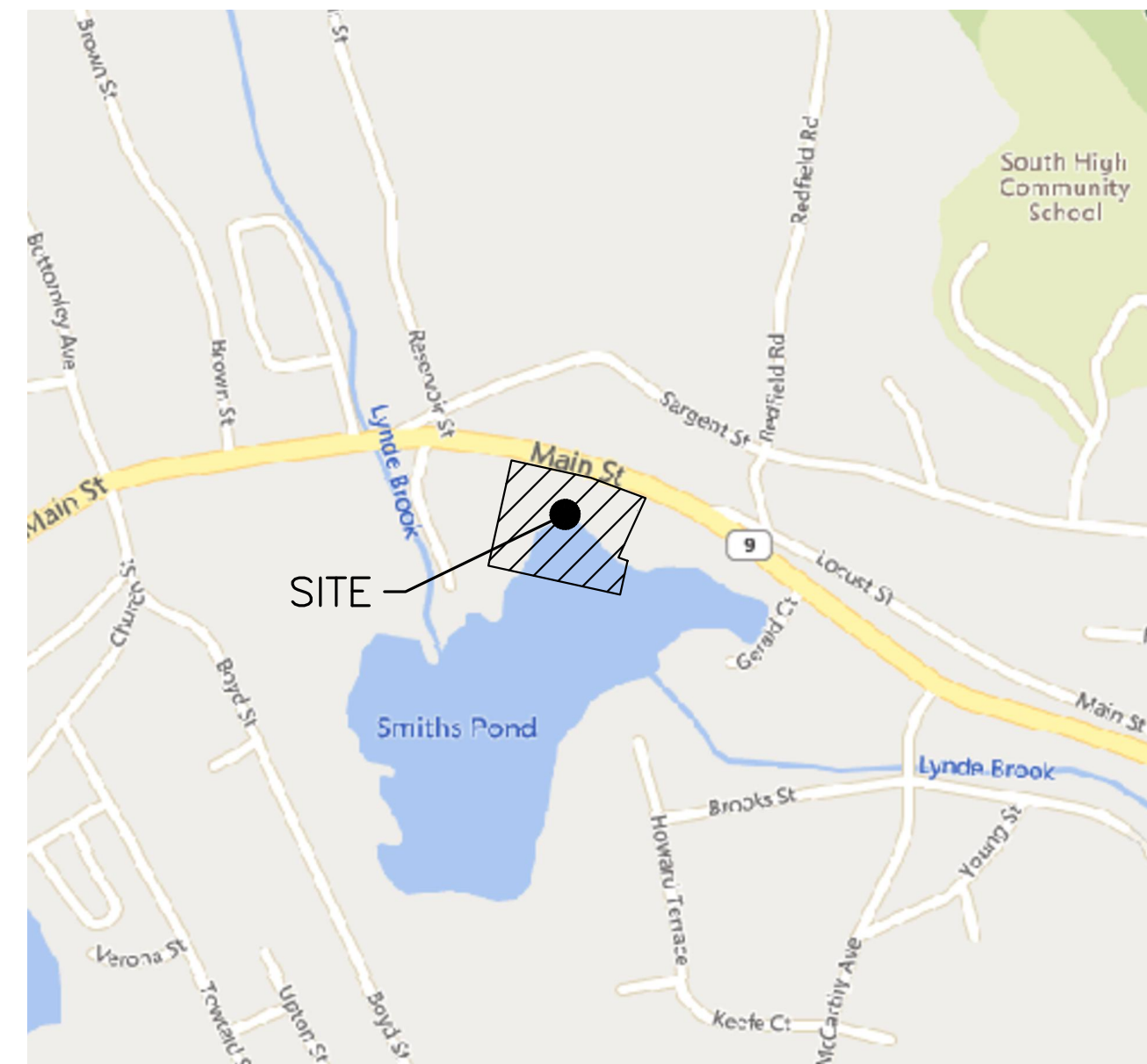
1. EXISTING PROPERTY LINE AND UTILITY INFORMATION SHOWN IS BASED ON AN EXISTING SURVEY CONDUCTED BY WSP USA, INC. REVISED THROUGH 03-03-2022.
2. THE ACCURACY AND COMPLETENESS OF THE UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE 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.
3. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
4. 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.
5. 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.
6. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES EXCEPT THOSE NOTED TO BE ABANDONED, REMOVED AND DISPOSED.
7. 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.
8. PROPERTY IS LOCATED IN A FEMA FLOOD PLAIN A, WITHOUT A SPECIFIC ELEVATION. FEMA MAP TO BE UPDATED AT A LATER DATE WITH ELEVATION ANTICIPATED CLOSER TO SMITH'S POND.

SHEET INDEX

- SHEET C.1 COVER SHEET
- SHEET C.2 NOTES AND LEGEND SHEET
- SHEET C.3 EXISTING CONDITIONS PLAN
- SHEET C.4 ZONING PLAN
- SHEET C.5 DEMOLITION AND EROSION CONTROL PLAN
- SHEET C.6 LAYOUT AND MATERIALS PLAN
- SHEET C.7 GRADING, DRAINAGE, AND UTILITIES PLAN
- SHEET C.8 LANDSCAPE PLAN
- SHEET C.9 LIGHTING PLAN
- SHEET C.10 DETAIL SHEET 1
- SHEET C.11 DETAIL SHEET 2
- SHEET C.12 DETAIL SHEET 3

LEGEND

— ABUTTERS LOT LINE	□ STONE BOUND WITH DRILL HOLE	BMK BENCHMARK
— PROPERTY LINE	□ STONE BOUND LEAD PLUG	BOMO BOLT OVER MAIN OUTLET
— EASEMENT	● IRON ROD FOUND	BIT BITUMINOUS PAVEMENT
○ CHAIN LINK FENCE	● AREA DRAIN	EOP EDGE OF PAVEMENT
— METAL/WIRE FENCE	■ CATCH BASIN	EOW EDGE OF WATER
— WOOD GUARDRAIL	⊙ DRAIN MANHOLE	CONC CONCRETE PAVEMENT
— TREE LINE	⊙ NO LABEL MANHOLE	BB BITUMINOUS BERM
— INTERMEDIATE CONTOURS	⊙ SEWER MANHOLE	GC GRANITE CURB
— INDEX CONTOURS	⊙ ELECTRIC HANDHOLE	RWC CONCRETE RETAINING WALL
— WETLAND LINE	⊙ UNKNOWN HANDHOLE	RW STONE STONE RETAINING WALL
— OVERHEAD WIRES	⊙ GAS VALVE	RWB BLOCKS BLOCK RETAINING WALL
— SEWER LINE	⊙ TELEPHONE MANHOLE	RWW WOOD RETAINING WALL
— DRAIN LINE	⊙ WATER GATE	GRW WOOD GUARD RAIL
— WATER LINE	⊙ FIRE HYDRANT	HTP HANDICAP TRACTION PAD
— GAS LINE	⊙ GUY WIRE	LSA LANDSCAPED AREA
— TELEPHONE LINE	⊙ UTILITY POLE	FFE FINISHED FLOOR ELEVATION
— UNDERGROUND ELECTRIC	⊙ UTILITY POLE WITH LIGHT	SILL DOOR SILL ELEVATION
— E PROPOSED ELECTRIC	⊙ UTILITY POLE WITH TRANSFORMER	SWL SOLID WHITE LINE
— D PROPOSED DRAINAGE PIPE	⊙ UTILITY POLE WITH LIGHT AND TRANSFORMER	DYL DOUBLE YELLOW LINE
— PROPOSED SNOW STORAGE	⊙ DECIDUOUS TREE	RCP REINFORCED CONCRETE PIPE
	— SIGN (SINGLE POSTED)	PVC POLYVINYL CHLORIDE PIPE
	○ POST	CIP CAST IRON PIPE
	⊙ MONITORING WELL	CLF CHAIN LINK FENCE
	⊙ BOLLARD	IRON WROUGHT IRON FENCE
	⊙ VENT	POLY POLYVINYL CHLORIDE RAILING
	⊙ PEDESTRIAN SIGNAL	NPV NO PIPES VISIBLE
		VGC VERTICAL GRANITE CURB



LOCUST MAP
1"=800'

OWNER

CHAMPID REALTY TRUST
1 PROVIDENCE STREET
MILLBURY, MA 01527

ASSESSORS INFORMATION

ASSESSORS MAP 23C BLOCK E35 & E38

REFERENCES

1. EXISTING CONDITIONS PLAN ENTITLED "EXISTING CONDITIONS SURVEY CHERRY VALLEY PROPERTIES, 147 MAIN ST" BY WSP USA, INC. DATED MARCH 3, 2022.
2. LOCATED WITHIN FLOOD AREA A PER FEMA FLOOD INSURANCE RATE MAP NUMBER 25027C0801E

ZONING REQUIREMENTS

B - BUSINESS R2 - RESIDENTIAL 2

DIMENSIONAL REQUIREMENTS

	B REQ'D	R2 REQ'D	PROPOSED
MINIMUM LOT AREA	15,000 SF	20,000 SF	124,581 SF
MINIMUM LOT FRONTAGE	100 FT	125 FT	414.18 FT
MINIMUM FRONT YARD	25 FT	25 FT	N/A
MINIMUM SIDE YARD	10 FT	15 FT	N/A
MINIMUM REAR YARD	25 FT	25 FT	N/A
MAXIMUM STORIES	2-1/2	2-1/2	N/A
MAXIMUM BUILDING HEIGHT	35 FT	35 FT	N/A
MAXIMUM FLOOR AREA RATIO	N/A	N/A	N/A
MAXIMUM BUILDING COVERAGE	30%	30%	N/A

PARKING REQUIREMENTS

3 SPACES PER STORAGE FACILITY PLUS 1 SPACE PER 100 UNITS

1 STORAGE FACILITY X 3 SPACES PER STORAGE FACILITY = 3 SPACES
118 UNITS X 1 SPACE PER 100 UNITS = 2 SPACES

TOTAL REQUIRED SPACES = 5 SPACES

PROPOSED PARKING = 5 SPACES

PROJECT TEAM

OWNER

CHAMPID REALTY TRUST
1 PROVIDENCE STREET
MILLBURY, MA 01527

APPLICANT

SAFE N LOCK CAPITAL PARTNERS, LLC
3333 NEW HYDE PARK ROAD
SUITE 200
LAKE SUCCESS, NY 11042

ARCHITECT

BWD ARCHITECTS
800 WEST BROAD STREET
SUITE 400
FALLS CHURCH, VIRGINIA 22046

NOTE

PROJECT SITE LIES WITHIN A FEMA FLOOD HAZARD ZONE A. THIS DELINEATION IS FROM FEMA PANEL 25207C0801E, EFFECTIVE 7/04/11. THIS MAP DOES NOT HAVE AN ELEVATION ASSOCIATED WITH IT AND DOES NOT FALL ON ANY SPECIFIC CONTOUR. REVISED MAPS WILL BE ISSUED JUNE 2023. THESE PLANS ARE DESIGNED WITH THE ASSUMPTION OF AMENDED MAPS WILL INCLUDE AN ELEVATION ASSOCIATED TO IT. WE DO NOT ANTICIPATE COMPENSATORY STORAGE BEING NECESSARY IN THE FINAL DESIGN.

SURVEYOR

WSP USA, INC.
10 AL PAUL LANE, SUITE 103
MERRIMACK, NH 03054

CIVIL ENGINEER

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

WETLAND SCIENTIST

ECOTEC, INC.
102 GROVE STREET
WORCESTER, MA 01605

REVISIONS:

NO	BY	DATE	DESCRIPTION
1	KL	1/31/23	REVISED LAYOUT



SITE
PLAN

COVER
SHEET

DATE:	NOVEMBER 22, 2023
PROJECT NUMBER:	21084.00
DESIGNED BY:	KF
DRAWN BY:	KF/MR
CHECKED BY:	KE
C.1	

2/1/2023, L:\21084\21084-00\21084-00 - Site Plan_R1.dwg
Plot Saved by: MBR/KER
Printed by: Matthew Butler

EROSION CONTROL PLAN NOTES:

1. REMOVAL OF EXISTING STRUCTURES SHALL INCLUDE ALL FOUNDATIONS, FOOTINGS, AND UTILITY CONNECTIONS, UNLESS OTHERWISE NOTED.
2. ALL CONSTRUCTION TRAFFIC TO ENTER/EXIT THE SITE VIA THE STABILIZED CONSTRUCTION ENTRANCE.
3. IT IS THE RESPONSIBILITY OF THE CHOSEN CONTRACTOR TO ENSURE ALL STORMWATER INLETS DOWNSTREAM OF CONSTRUCTION ARE FITTED WITH TEMPORARY INLET PROTECTION. ALL SEDIMENTATION CONTROL DEVICES INSTALLED WITHIN THE TOWN'S RIGHT OF WAY SHALL BE MAINTAINED, INSPECTED, CLEANED AND REPLACED AS NECESSARY TO PREVENT FLOODING DURING RAIN EVENTS.
4. UPON COMPLETION OF WORK, AND APPROVAL IS GRANTED BY THE TOWN OF LEICESTER DPW, ANY SEDIMENTATION CONTROLLED DEVICES SHALL BE REMOVED AS SOON AS POSSIBLE.
5. ALL PROPOSED CATCH BASINS AND STORMWATER STRUCTURES SHALL BE FITTED WITH INLET PROTECTIONS DURING CONSTRUCTION AS TO MINIMIZE EROSION AND SEDIMENTATION WITHIN THE PROPOSED STORMWATER MANAGEMENT SYSTEM.
6. 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 PRE-CONSTRUCTION CONDITION.
7. 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.
8. STABILIZATION OF ALL RE-GRADED AND SOIL STOCKPILE AREAS MUST BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
9. SEDIMENT REMOVED FROM EROSION AND SEDIMENT CONTROL DEVICES MUST BE PROPERLY REMOVED AND DISPOSED. ALL DAMAGED CONTROLS MUST BE REMOVED, REPLACED, AND DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
10. 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.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING WIND EROSION AND DUST THROUGHOUT THE LIFE OF THEIR CONTRACT. DUST CONTROL MAY INCLUDE, BUT IS NOT LIMITED TO, SPRINKLING OF WATER ON EXPOSED SOILS AND STREET SWEEPING WITHIN ADJACENT ROADWAYS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FILE FOR NECESSARY PERMITS TO PERFORM ANY OFF-SITE CONTROL MEASURES.
12. 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.
13. IF A DISTURBED AREA WILL BE EXPOSED FOR GREATER THAN ONE YEAR, PERMANENT GRASSES OR OTHER APPROVED COVER MUST BE INSTALLED.
14. THE CONTRACTOR MUST KEEP ON-SITE AT ALL TIMES ADDITIONAL STRAW WATTLE AND SILT FENCE FOR INSTALLATION AT THE DIRECTION OF THE ENGINEER, OR THE TOWN, TO MITIGATE ANY EMERGENCY CONDITION.
15. THE 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.
16. DEMOLITION AND CONSTRUCTION DEBRIS MUST BE PROPERLY CONTAINED AND DISPOSED OF.
17. 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.
18. ALL EXISTING UTILITIES TO BE CUT AND CAPPED AT THE PROPERTY LINE OR DISCONNECTED PER LOCAL REGULATIONS UNLESS OTHERWISE NOTED.
19. ANY LOCATION OF INGRESS AND EGRESS FROM THE SITE SHALL BE FITTED WITH A STABILIZED CONSTRUCTION ENTRANCE. IT IS ASSUMED THE PROJECT WILL UTILIZE THE EXISTING CURB CUT ENTRY DURING DEMOLITION STAGES OF THE PROJECT AND MOVE TO THE PROPOSED CURB CUT ONCE THAT BREAK IN FROM MAIN STREET IS CONSTRUCTED.

SITE NOTES:

1. THE INTENT OF THIS PLAN IS TO INSTALL 118 SEMI PERMANENT STORAGE CONTAINERS WITH TWO-WAY DIRECTIONAL ACCESS.
2. ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE TOWN AND STATE STANDARDS AND REGULATIONS.
3. 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.
4. ALL PROPOSED SIGNAGE SHALL CONFORM WITH THE TOWN ZONING REGULATIONS, UNLESS A VARIANCE IS OTHERWISE REQUESTED.
5. ALL SIGNAGE AND PAVEMARKINGS 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.
6. ALL UNIT 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 AND AREAS TO BE TO THE OUTSIDE OF FOUNDATION, UNLESS OTHERWISE NOTED.
7. SNOW TO BE STORED AT EDGE OF PAVEMENT, AS SHOWN ON PLANS. ALL SNOW SHALL BE TRUCKED OFF SITE TO AN APPROVED SNOW DUMPING LOCATION. NO SNOW SHALL BE STORED ALONG THE SOUTH CURB LINE ADJACENT TO THE WETLANDS.
8. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RULES AND REGULATIONS.

GRADING AND DRAINAGE NOTES:

1. 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
2. ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
3. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED. REFER TO THE CONSTRUCTION SEQUENCE ON DETAIL SHEET 1.
4. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO HAVE THE PROJECT LAND SURVEYOR STAKE OR FLAG CLEARING LIMITS. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED.
5. PROPOSED RIM ELEVATIONS OF DRAINAGE STRUCTURES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISH GRADES UNLESS OTHERWISE NOTED.
6. ALL DRAINAGE AND SANITARY STRUCTURES INTERIOR DIAMETERS (4' MIN) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS.
7. ALL DRAINAGE STRUCTURES SHALL BE PRECAST, UNLESS OTHERWISE SPECIFIED. SEE DETAIL SHEETS FOR DRAINAGE DETAILS.
8. IN AREAS WHERE CONSTRUCTION IS PROPOSED ADJACENT TO ABUTTING PROPERTIES, THE CONTRACTOR SHALL INSTALL ORANGE CONSTRUCTION FENCING ALONG PROPERTY LINES IN ALL AREAS WHERE STRAW WATTLE IS NOT REQUIRED.
9. 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.
10. ALL EXPOSED AREAS SHALL BE SEEDED AS SPECIFIED WITHIN 3 DAYS OF FINAL GRADING.
11. SHOULD CONSTRUCTION STOP FOR LONGER THAN 14 DAYS, THE SITE SHALL BE SEEDED AS SPECIFIED.
12. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE, AS THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SEDIMENT FROM LEAVING THE SITE.
13. 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.
14. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED, IF DEEMED NECESSARY THROUGH ON-SITE INSPECTION BY ENGINEER AND/OR REGULATORY OFFICIALS.
15. ALL STORMWATER BMP'S SHALL BE INSPECTED BY DESIGN ENGINEER AFTER INSTALLATION TO CONFIRM ALL BMP'S ARE INSTALLED IN COMPLIANCE WITH PLANS.



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

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SUITE 200
LAKE SUCCESS, NY 11042

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147 MAIN STREET
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WORCESTER COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION
1	KL	1/31/23	REVISED LAYOUT

LEGEND

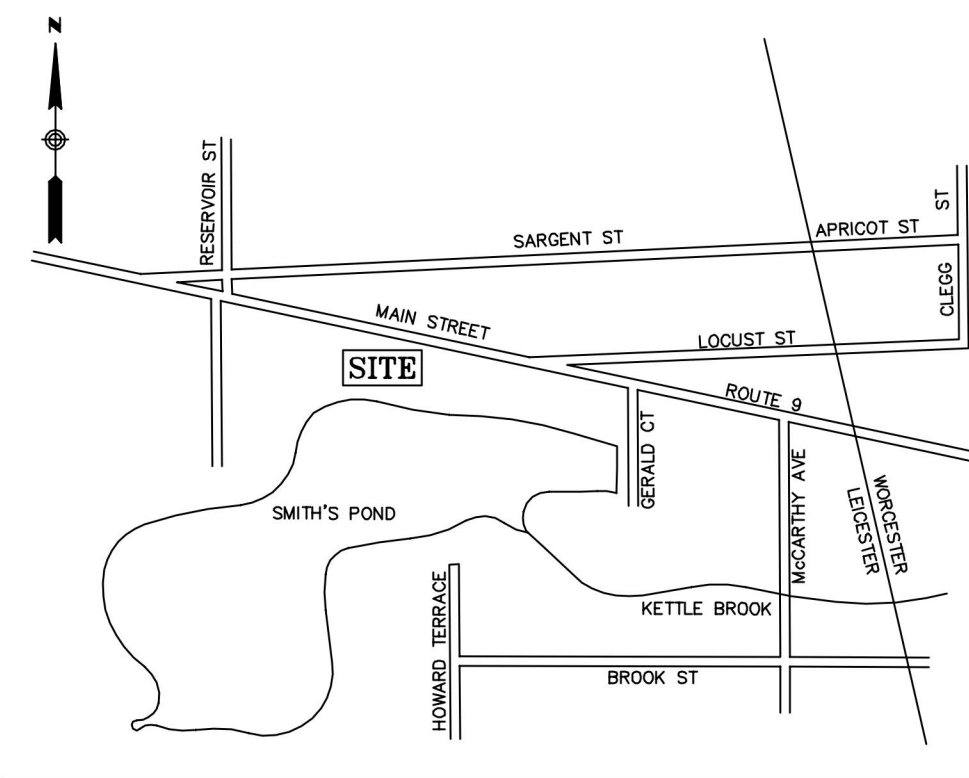
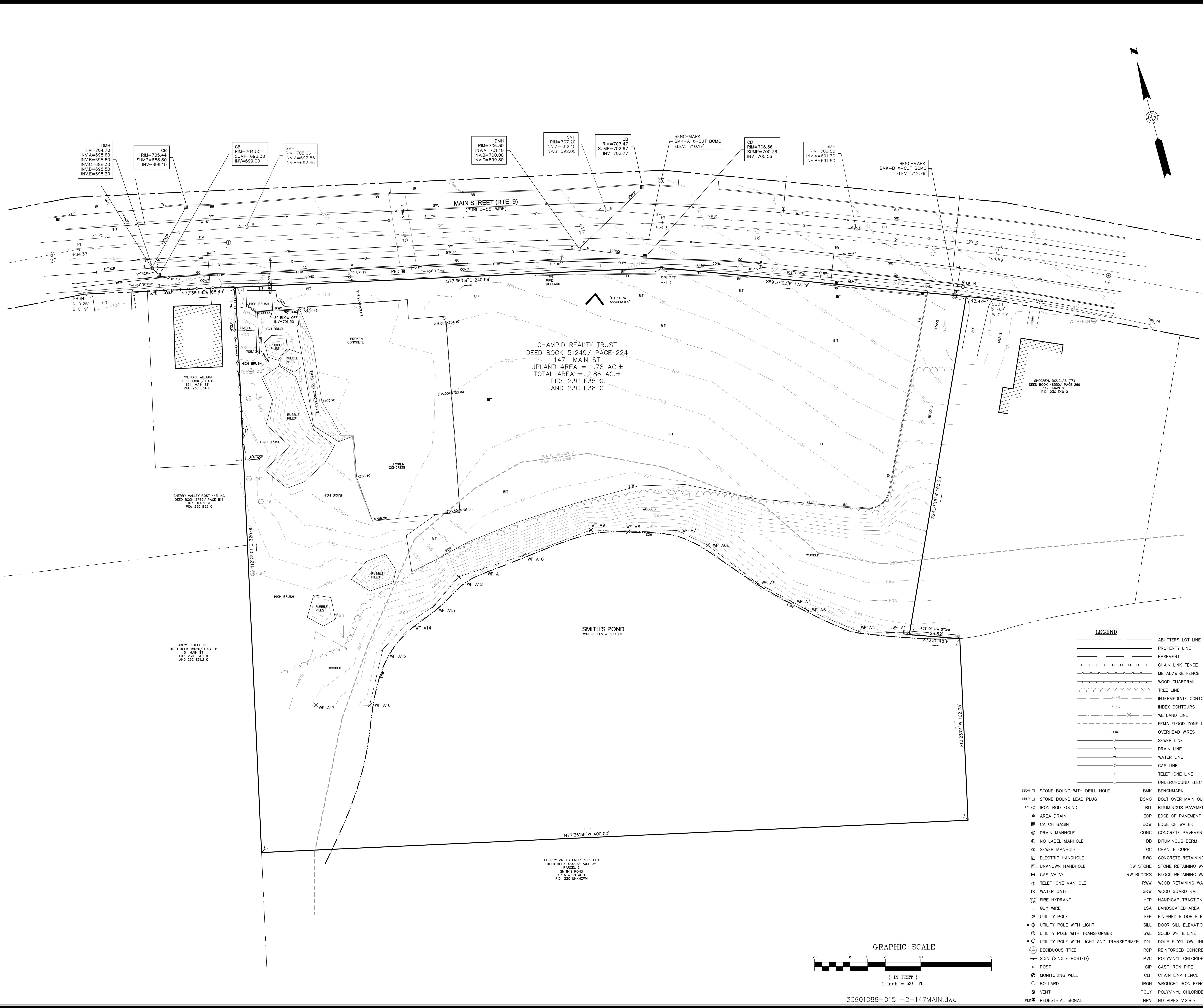
□ STONE BOUND WITH DRILL HOLE	⊙ UTILITY POLE WITH TRANSFORMER	— — — — —	ABUTTERS LOT LINE
□ STONE BOUND LEAD PLUG	*⊙ UTILITY POLE WITH LIGHT AND TRANSFORMER	— — — — —	PROPERTY LINE
⊙ IRON ROD FOUND	BMK BENCHMARK	— — — — —	EASEMENT
● AREA DRAIN	BOMO BOLT OVER MAIN OUTLET	— — — — —	CHAIN LINK FENCE
■ CATCH BASIN	BIT BITUMINOUS PAVEMENT	— — — — —	METAL/WIRE FENCE
⊕ DRAIN MANHOLE	EOP EDGE OF PAVEMENT	— — — — —	WOOD GUARDRAIL
⊕ NO LABEL MANHOLE	EOW EDGE OF WATER	— — — — —	TREE LINE
⊕ SEWER MANHOLE	CONC CONCRETE PAVEMENT	— — — — —	INTERMEDIATE CONTOURS
⊕ ELECTRIC HANDHOLE	BB BITUMINOUS BERM	— — — — —	INDEX CONTOURS
⊕ UNKNOWN HANDHOLE	GC GRANITE CURB	— — — — —	WETLAND LINE
⊕ GAS VALVE	RWC CONCRETE RETAINING WALL	— — — — —	OVERHEAD WIRES
⊕ TELEPHONE MANHOLE	RW STONE STONE RETAINING WALL	— — — — —	SEWER LINE
⊕ WATER GATE	RW BLOCKS BLOCK RETAINING WALL	— — — — —	DRAIN LINE
⊕ FIRE HYDRANT	RWW WOOD RETAINING WALL	— — — — —	WATER LINE
○ GUY WIRE	GRW WOOD GUARD RAIL	— — — — —	GAS LINE
○ UTILITY POLE	HTP HANDICAP TRACTION PAD	— — — — —	TELEPHONE LINE
○ UTILITY POLE WITH LIGHT	LSA LANDSCAPED AREA	— — — — —	UNDERGROUND ELECTRIC
⊕ VENT	FFE FINISHED FLOOR ELEVATION	— — — — —	
⊕ PEDESTRIAL SIGNAL	SILL DOOR SILL ELEVATION	— — — — —	
⊕ DECIDUOUS TREE	SWL SOLID WHITE LINE	— — — — —	
— SIGN (SINGLE POSTED)	DYL DOUBLE YELLOW LINE	— — — — —	
○ POST	RCP REINFORCED CONCRETE PIPE	— — — — —	
⊕ MONITORING WELL	PVC POLYVINYL CHLORIDE PIPE	— — — — —	
⊕ BOLLARD	CIP CAST IRON PIPE	— — — — —	



SITE PLAN

NOTES AND LEGEND SHEET

DATE:	NOVEMBER 22, 2023
PROJECT NUMBER:	21084.00
DESIGNED BY:	KF
DRAWN BY:	KF/MR
CHECKED BY:	KE
C.2	



LOCUS MAP (N.T.S.)

PLAN REFERENCES

- MARCH 11, 1947 STATE HIGHWAY LAYOUT NO 3527
- PLANS FILED IN THE WORCESTER DISTRICT REGISTRY OF DEEDS
- PLAN BOOK 68, PLAN 18
- PLAN BOOK 144, PLAN 58
- PLAN BOOK 144, PLAN 93
- PLAN BOOK 250, PLAN 46
- PLAN BOOK 270, PLAN 124
- PLAN BOOK 273, PLAN 103
- PLAN BOOK 336, PLAN 27
- PLAN BOOK 645, PLAN 15
- PLAN BOOK 674, PLAN 67
- PLAN BOOK 779, PLAN 96
- PLAN BOOK 791, PLAN 74
- PLAN BOOK 901, PLAN 77

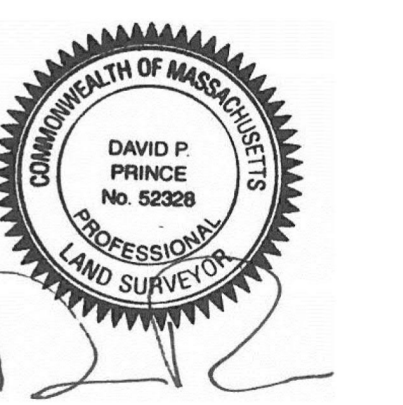
UTILITY STATEMENTS

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.

NOTES

1. THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND FIELD SURVEY CONDUCTED BY WSP IN FEBRUARY OF 2022.
2. 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.
3. THE VERTICAL DATUM SHOWN HEREON IS REFERENCED TO THE VERTICAL DATUM NAVD83 AND WAS ESTABLISHED ON SITE UTILIZING RTK GPS SURVEY TECHNIQUES.
4. WETLAND FLAGS WERE DELINEATED BY ECOTEC, INC. IN JANUARY OF 2022 AND LOCATED BY WSP USA, INC.

CERTIFICATION:

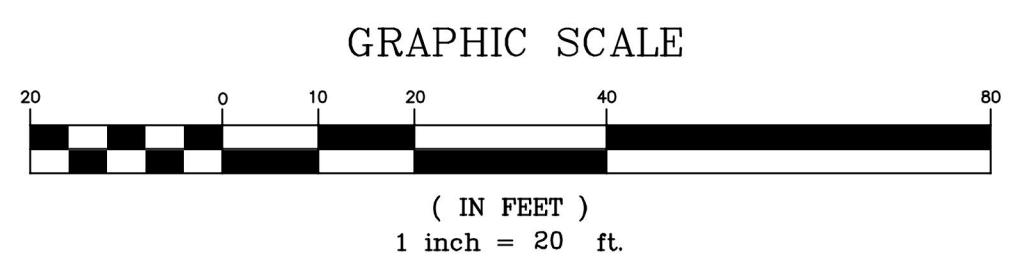


DAVID P. PRINCE, P.L.S. DATE: NOVEMBER 23, 2022
REG. NO. 52328
WSP USA, INC.

LEGEND

---	ABUTTERS LOT LINE
---	PROPERTY LINE
---	EASEMENT
---	CHAIN LINK FENCE
---	METAL/WIRE FENCE
---	WOOD GUARDRAIL
---	TREE LINE
---	INTERMEDIATE CONTOURS
---	INDEX CONTOURS
---	WETLAND LINE
---	FEMA FLOOD ZONE LINE
---	OVERHEAD WIRES
---	SEWER LINE
---	DRAIN LINE
---	WATER LINE
---	GAS LINE
---	TELEPHONE LINE
---	UNDERGROUND ELECTRIC

SBH	STONE BOUND WITH DRILL HOLE	BMK	BENCHMARK
SBLP	STONE BOUND LEAD PLUG	BOMO	BOLT OVER MAIN OUTLET
RF	IRON ROD FOUND	BIT	BITUMINOUS PAVEMENT
■	AREA DRAIN	EOP	EDGE OF PAVEMENT
■	CATCH BASIN	EOW	EDGE OF WATER
○	DRAIN MANHOLE	CONC	CONCRETE PAVEMENT
○	NO LABEL MANHOLE	BB	BITUMINOUS BERM
○	SEWER MANHOLE	GC	GRANITE CURB
EBE	ELECTRIC HANDHOLE	RWC	CONCRETE RETAINING WALL
EBU	UNKNOWN HANDHOLE	RW	STONE RETAINING WALL
⊙	GAS VALVE	RWB	BLOCK RETAINING WALL
⊙	TELEPHONE MANHOLE	RWW	WOOD RETAINING WALL
⊙	WATER GATE	GRW	WOOD GUARD RAIL
⊙	FIRE HYDRANT	HTP	HANDICAP TRACTION PAD
⊙	GUY WIRE	LSA	LANDSCAPED AREA
⊙	UTILITY POLE	FFE	FINISHED FLOOR ELEVATION
⊙	UTILITY POLE WITH LIGHT	SLL	DOOR SILL ELEVATION
⊙	UTILITY POLE WITH TRANSFORMER	SML	SOLID WHITE LINE
⊙	UTILITY POLE WITH LIGHT AND TRANSFORMER	DYL	DOUBLE YELLOW LINE
⊙	DECIDUOUS TREE	RCP	REINFORCED CONCRETE PIPE
⊙	SIGN (SINGLE POSTED)	PVC	POLYVINYL CHLORIDE PIPE
⊙	POST	CIP	CAST IRON PIPE
⊙	MONITORING WELL	CLF	CHAIN LINK FENCE
⊙	BOLLARD	IRON	WROUGHT IRON FENCE
⊙	VENT	POLY	POLYVINYL CHLORIDE RAILING
⊙	PEDESTRIAN SIGNAL	NPV	NO PIPES VISIBLE



30901088-015 -2-147MAIN.dwg

REVISION	DESCRIPTION
DATE	DESCRIPTION

EXISTING CONDITIONS SURVEY
CHERRY VALLEY PROPERTIES, LLC
147 MAIN STREET
LEICESTER, MASSACHUSETTS
PREPARED FOR
HOWARD STEIN HUDSON



Drawn By	RBP	Date	NOVEMBER 23, 2022	Job No.	30901088.015
Surveyed By	TC EC	Scale	1" = 20'	Sheet No.	1 OF 1
Checked By	DPP	Book No.	C-58, C-83		

PREPARED FOR:
 SAFE N LOCK CAPITAL PARTNERS LLC
 3333 NEW HYDE PARK ROAD
 SUITE 200
 LAKE SUCCESS, NY 11042

PROPOSED SELF-STORAGE
 147 MAIN STREET
 LEICESTER, MA, 01611
 WORCESTER COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION
1	KL	1/31/23	REVISED LAYOUT

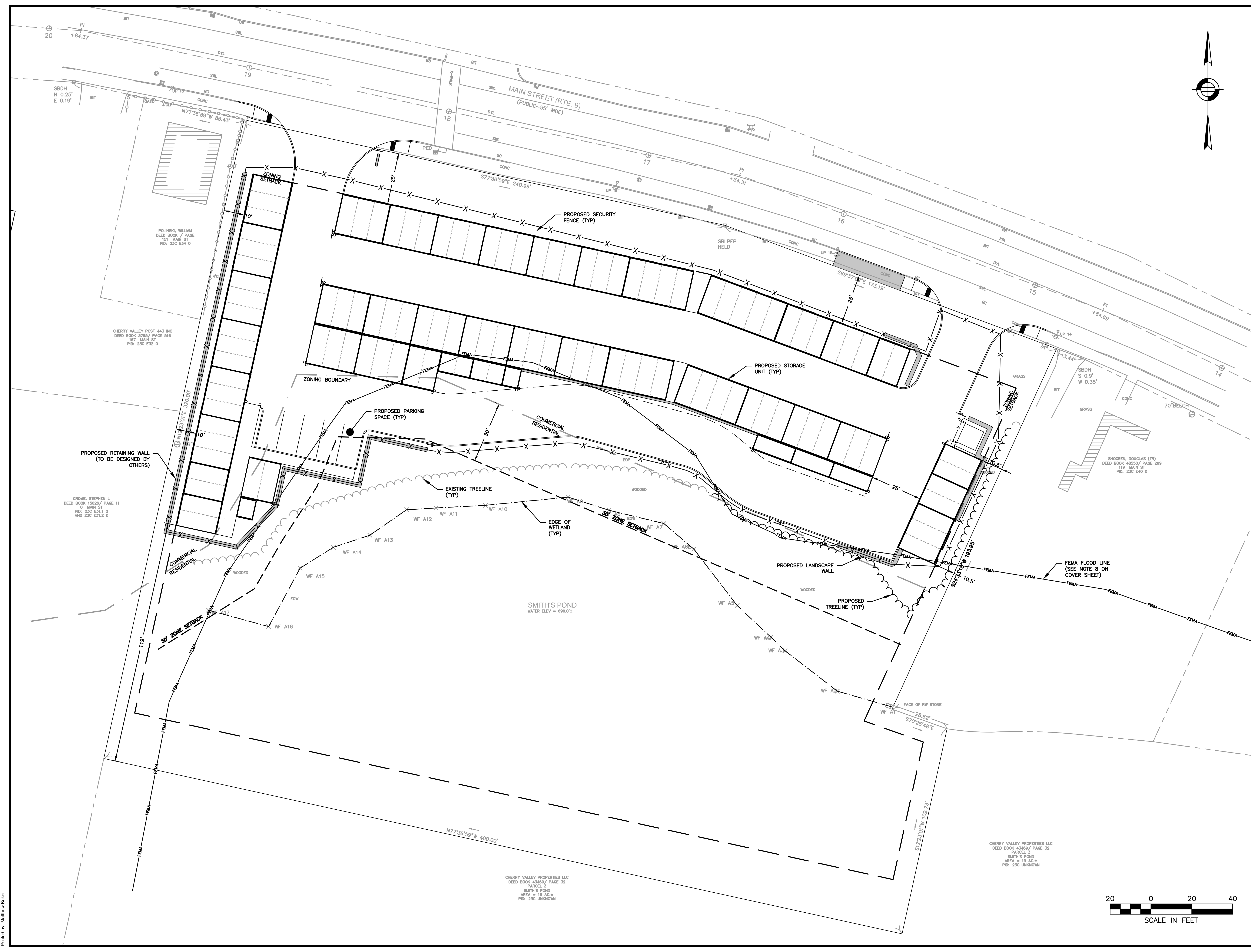
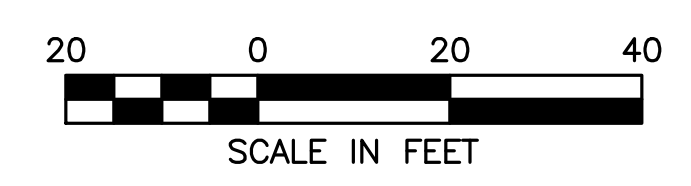
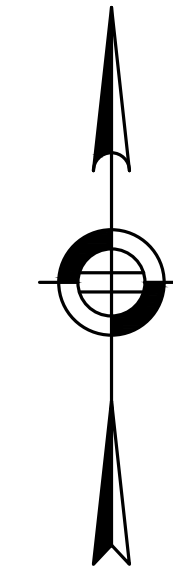


SITE PLAN

ZONING PLAN

DATE:	NOVEMBER 22, 2023
PROJECT NUMBER:	21084.00
DESIGNED BY:	KF
DRAWN BY:	KF/MR
CHECKED BY:	KE

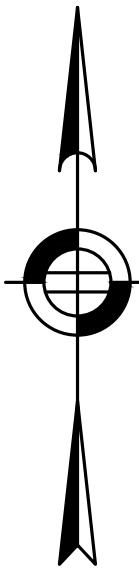
C.4



2/1/2023, L:\21084\21084-00\21084-00 - Site Plan_R1.dwg
 Plot Saved by: MCKEYER
 Printed by: Matthew Butler



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 Chelmsford, MA 01824
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PROPOSED SELF-STORAGE
 147 MAIN STREET
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 WORCESTER COUNTY

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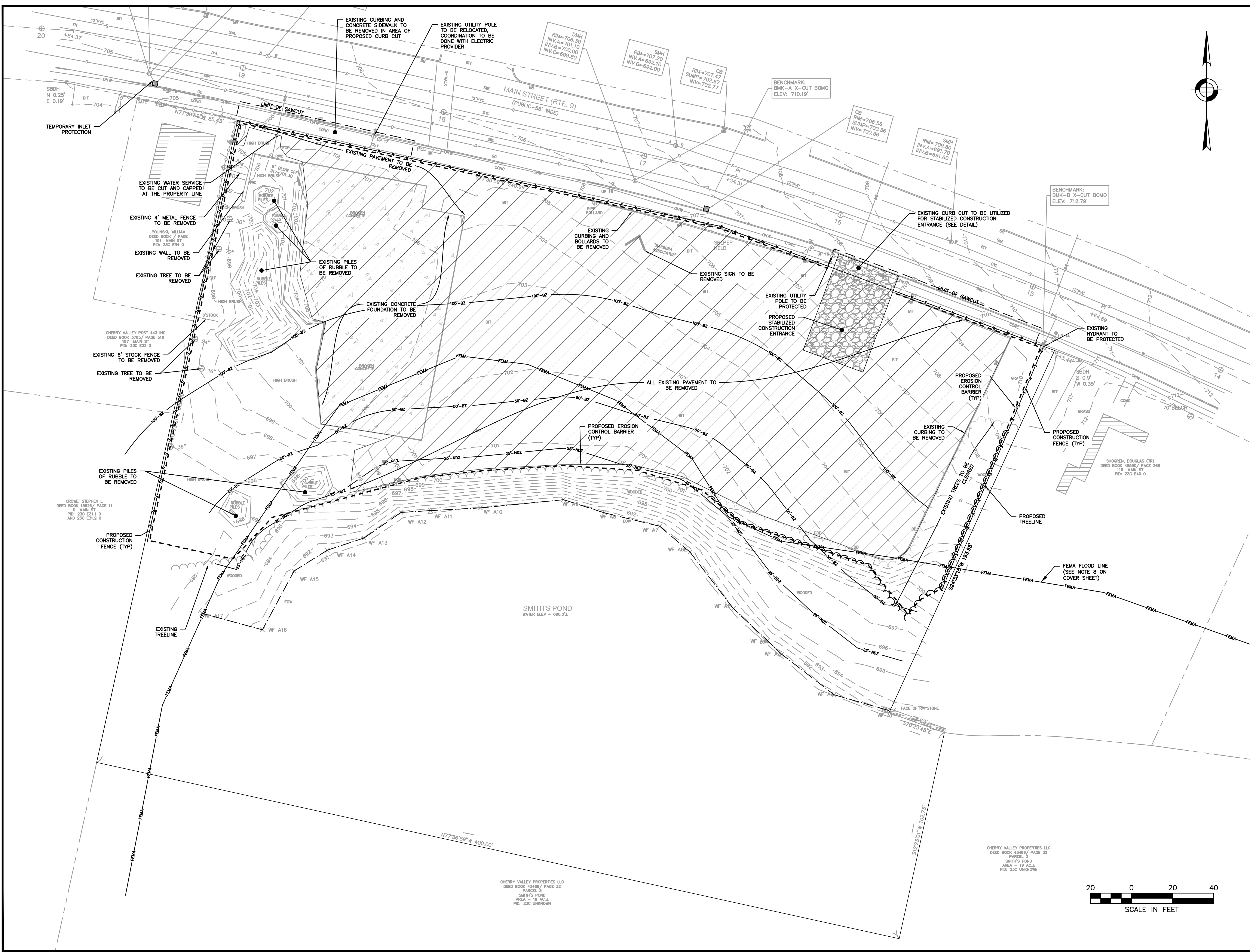


SITE PLAN

DEMOLITION AND EROSION CONTROL PLAN

DATE:	NOVEMBER 22, 2023
PROJECT NUMBER:	21084.00
DESIGNED BY:	KF
DRAWN BY:	KF/MR
CHECKED BY:	KE

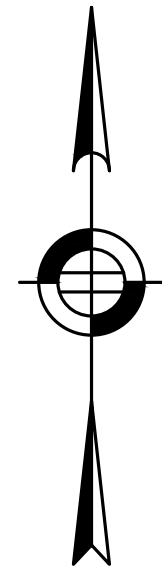
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2/1/2023 L:\2108421084\0021084-00 - Site Plan_R1.dwg
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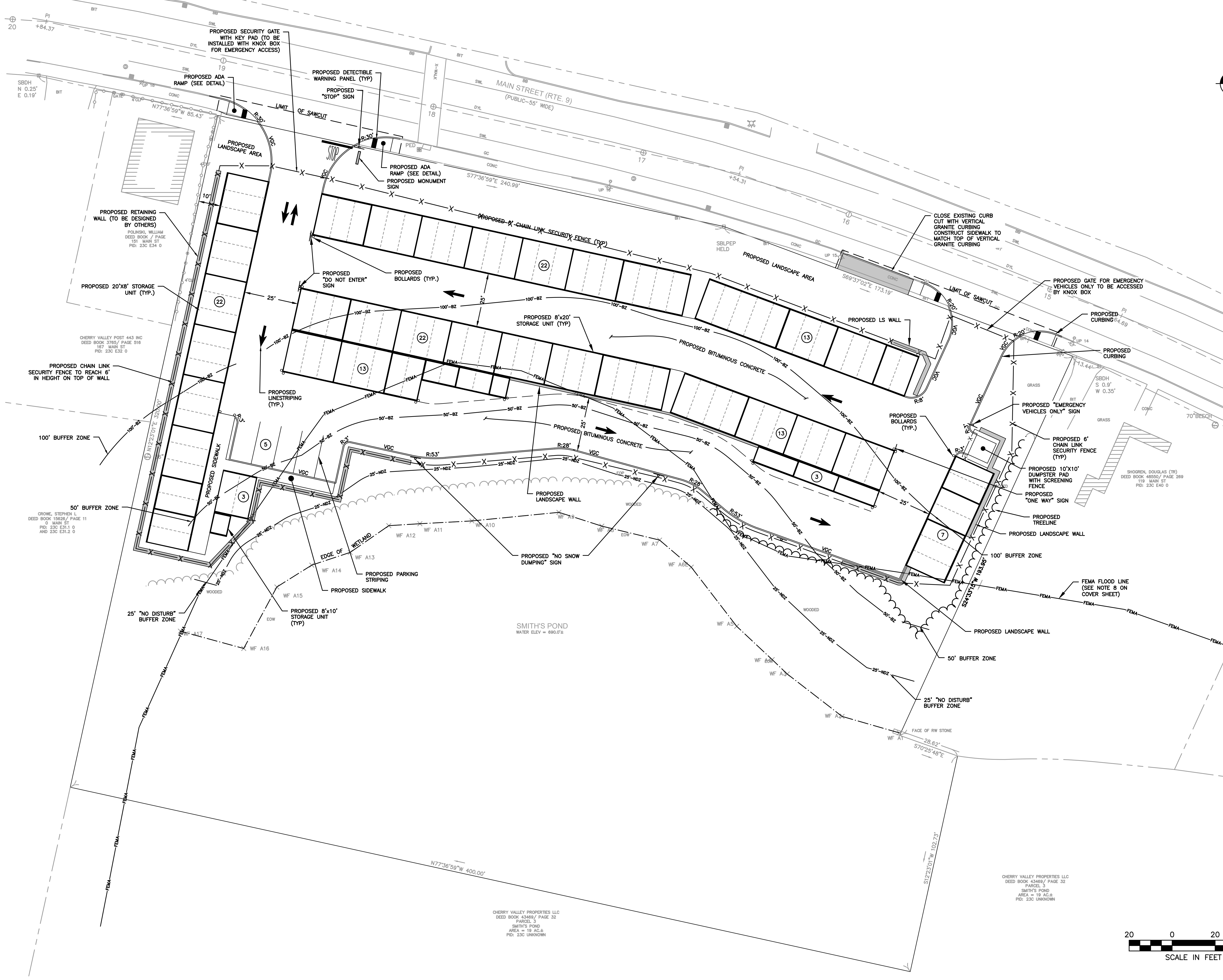


SITE PLAN

LAYOUT AND MATERIALS PLAN

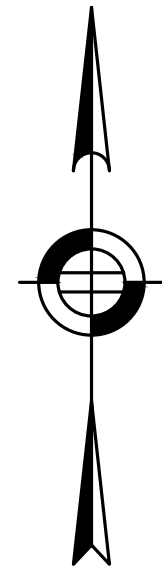
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PROJECT NUMBER:	21084.00
DESIGNED BY:	KF
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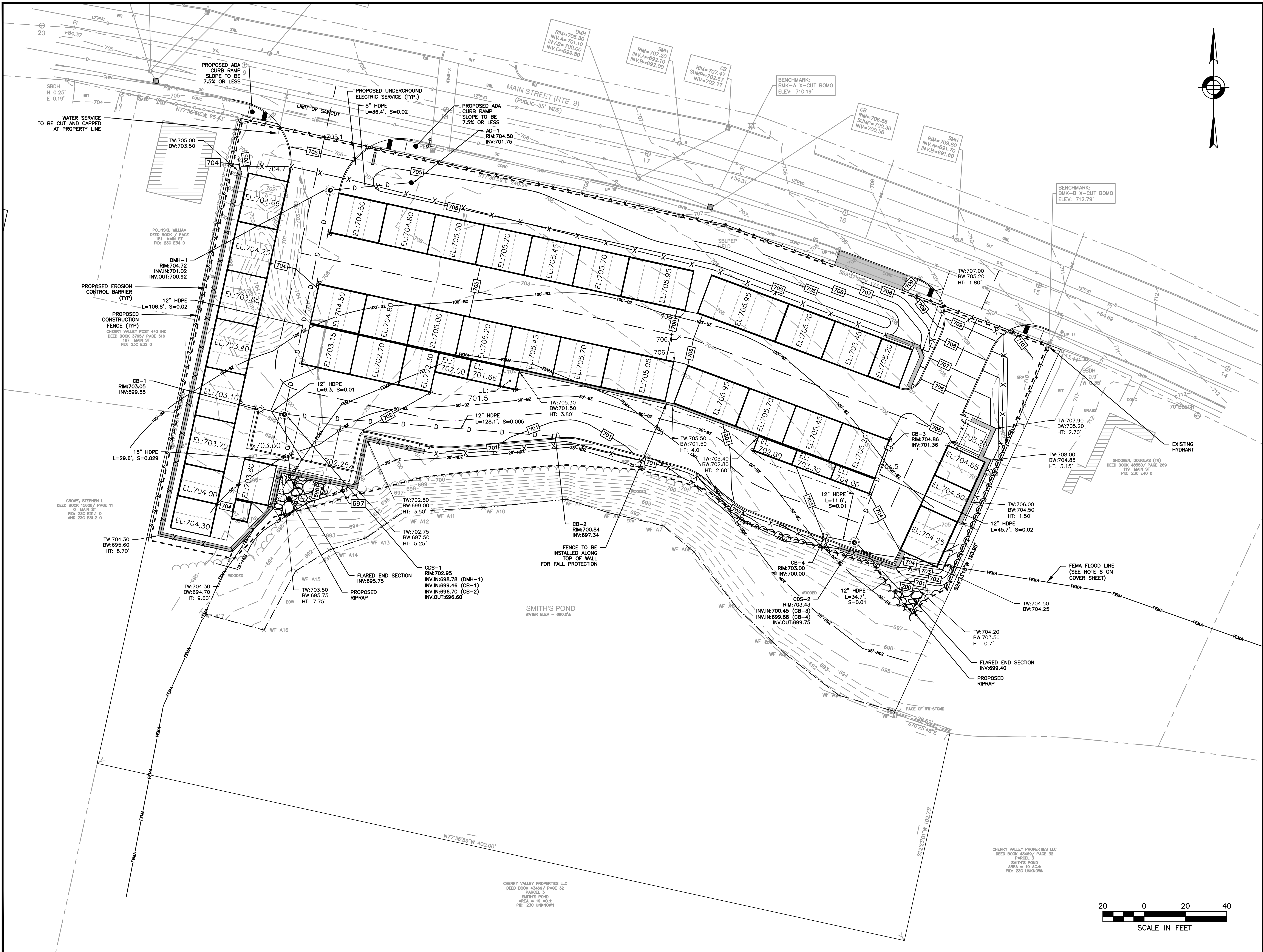


SITE
 PLAN

**GRADING,
 DRAINAGE, AND
 UTILITIES PLAN**

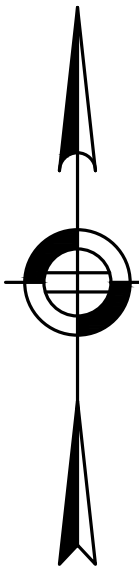
DATE: NOVEMBER 22, 2023
 PROJECT NUMBER: 21084.00
 DESIGNED BY: KF
 DRAWN BY: KF/MR
 CHECKED BY: KE

C.7





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SITE PLAN

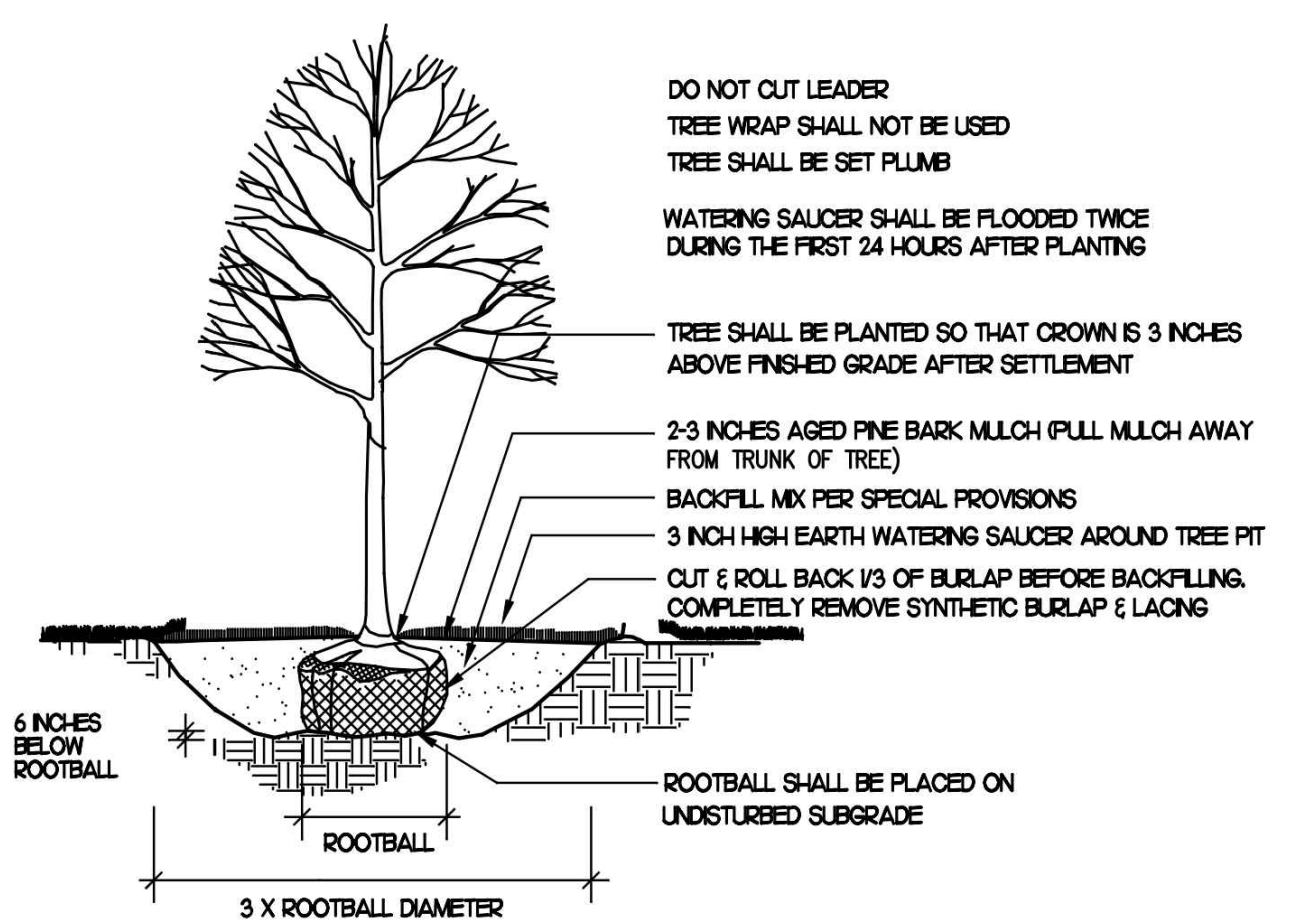
LANDSCAPING PLAN

DATE:	NOVEMBER 22, 2023
PROJECT NUMBER:	21084.00
DESIGNED BY:	KF
DRAWN BY:	KF/MR
CHECKED BY:	KE
	C.8

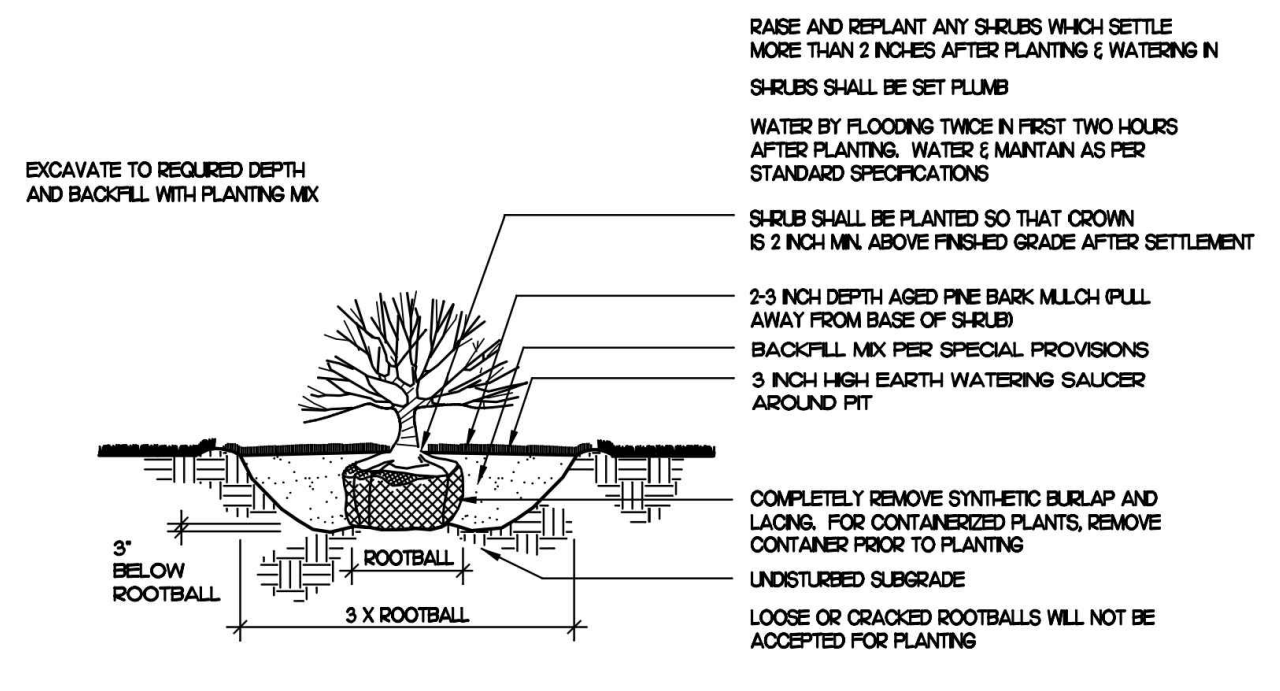


Qty	Key	Botanical Name	Common Name	Size
TREES:				
4	ELM	Ulmus americana 'Princeton'	Princeton Elm	2-2.5'cal
3	RM	Acer rubrum 'Red Sunset'	Red Sunset Maple	2-2.5'cal
2	SYC	Platanus occidentalis	American Sycamore	2-2.5'cal
EVERGREENS:				
3	AHO	Ilex opaca	American Holly	5-6'
21	ERC	Juniperus virginiana	Eastern Red Cedar	6-7'
5	GAV	Thuja x plicata 'Green Giant'	Green Giant Arborvitae	6-7'
2	MBJ	Juniperus chinensis 'Mountbatten'	Mountbatten Juniper	6-7'
3	PAV	Thuja occidentalis 'Pyramidalis'	Pyramidal Arborvitae	6-7'
5	SPJ	Juniperus chinensis 'Spartan'	Spartan Juniper	6-7'
SHRUBS:				
22	COMP	Comptonia peregrina	Sweetfern	#3pot
40	GLS	Rhus aromatica 'Gro-Low'	Gro-Low Sumac	#3pot
42	IG	Ilex glabra 'Shamrock'	Shamrock Inkberry	2-2.5'
GRASSES:				
50	LBS	Schizachyrium scoparium	Little Bluestem	#1pot

Grass areas to be low maintenance blend consisting of the following:
 65% fine fescue
 10 to 20% perennial ryegrass
 remainder Kentucky Bluegrass
 Two or three cultivars of Fescue & Ryegrass to be included in seed blend.

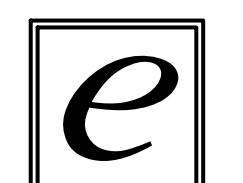


1 TREE PLANTING DETAIL
 NOT TO SCALE



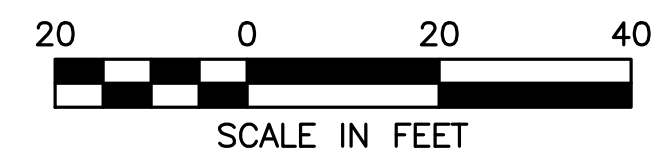
2 SHRUB PLANTING DETAIL
 NOT TO SCALE

james k. emanuel | associates
 LANDSCAPE ARCHITECTS



22 Carlton Rd.
 Marblehead, MA 01945
 tel. (781) 622-7487

james@jamesemanuel.com
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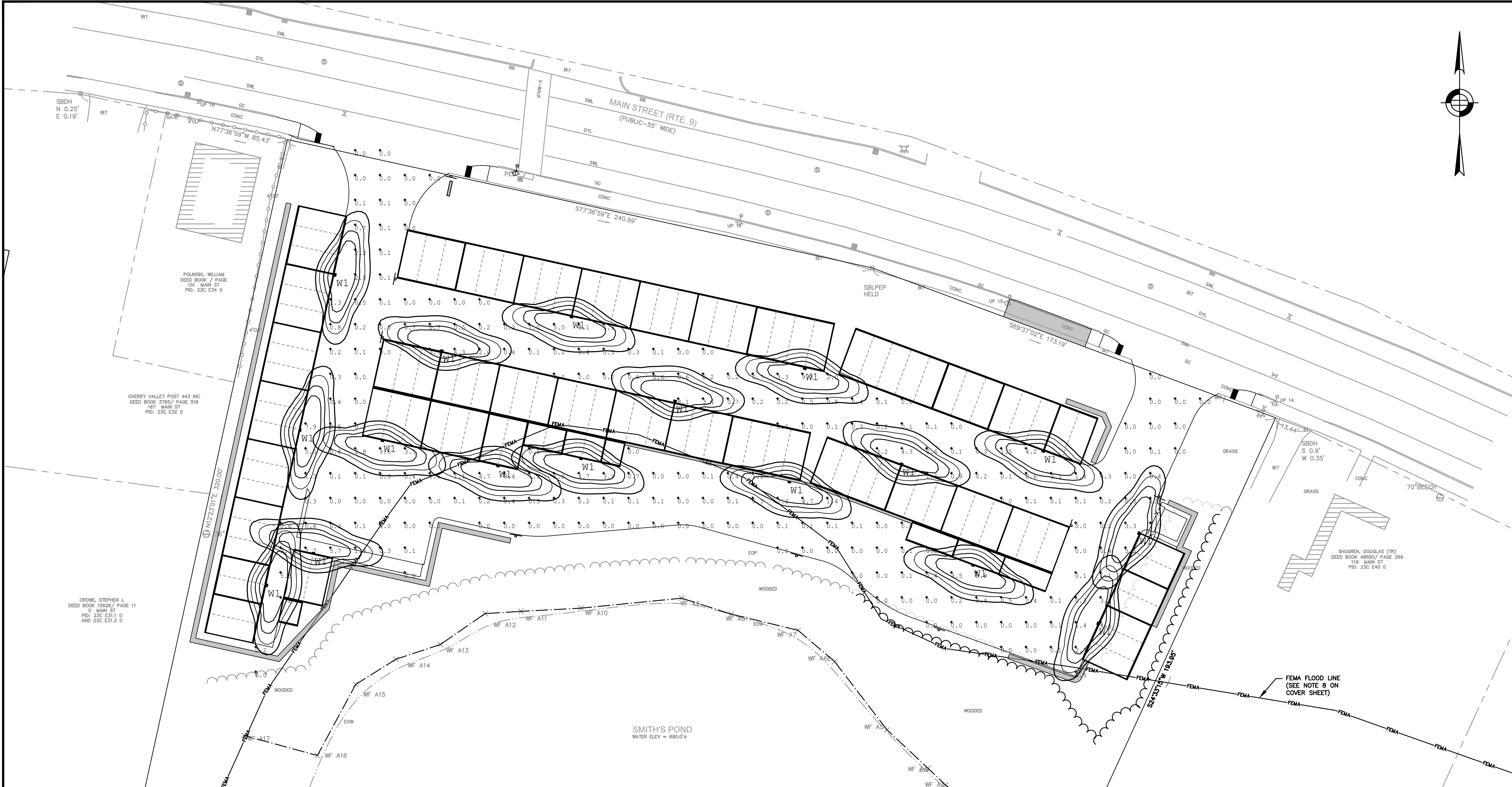
NO	BY	DATE	DESCRIPTION
1	KL	1/31/23	REVISED LAYOUT

SITE PLAN

LIGHTING PLAN

DATE:	NOVEMBER 22, 2023
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DESIGNED BY:	KF
DRAWN BY:	KF/MR
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C.9



AWL
 All-Weather Wallpack - Low Profile



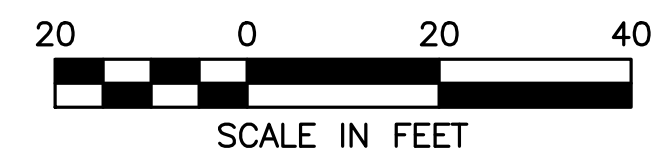
OVERVIEW	
Lumen Range	1500
CCT	4000K
Wattage	15
Efficacy (LPW)	100
Weight lbs (kg)	3.7 lbs (EP model 4.5 lbs.)



Symbol	Qty	Label	Arrangement	Description
W1	17	W1	Single	AWL BR PIR / MTD 9' AFG



New England's Premier Lighting,
 Controls and Electrical Rep Agency

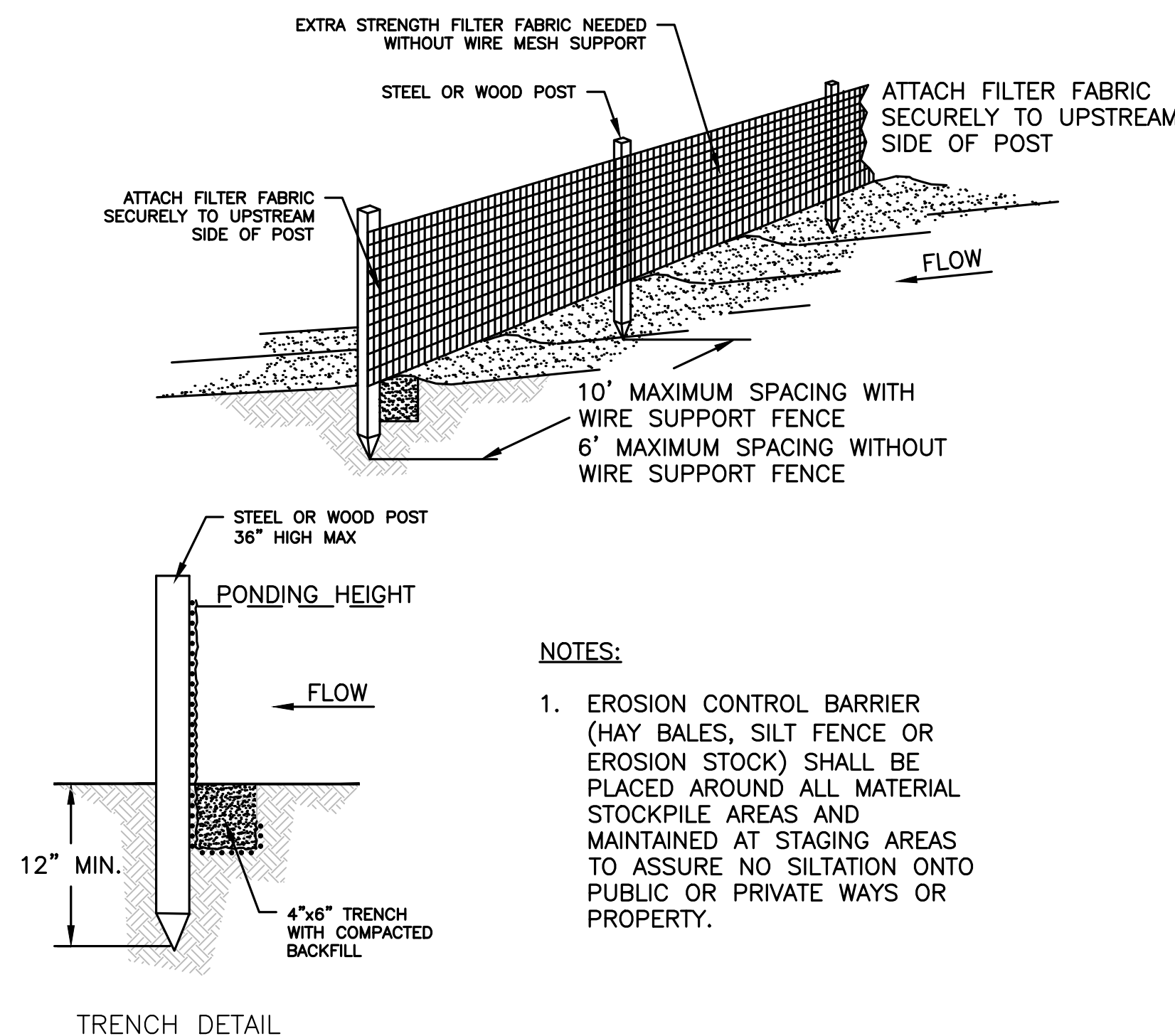


EROSION AND SEDIMENT CONTROL NOTES

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 CITY 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 AND HAY BALES FOR THE INSTALLATION AT THE DIRECTION OF THE ENGINEER OR THE CITY 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.

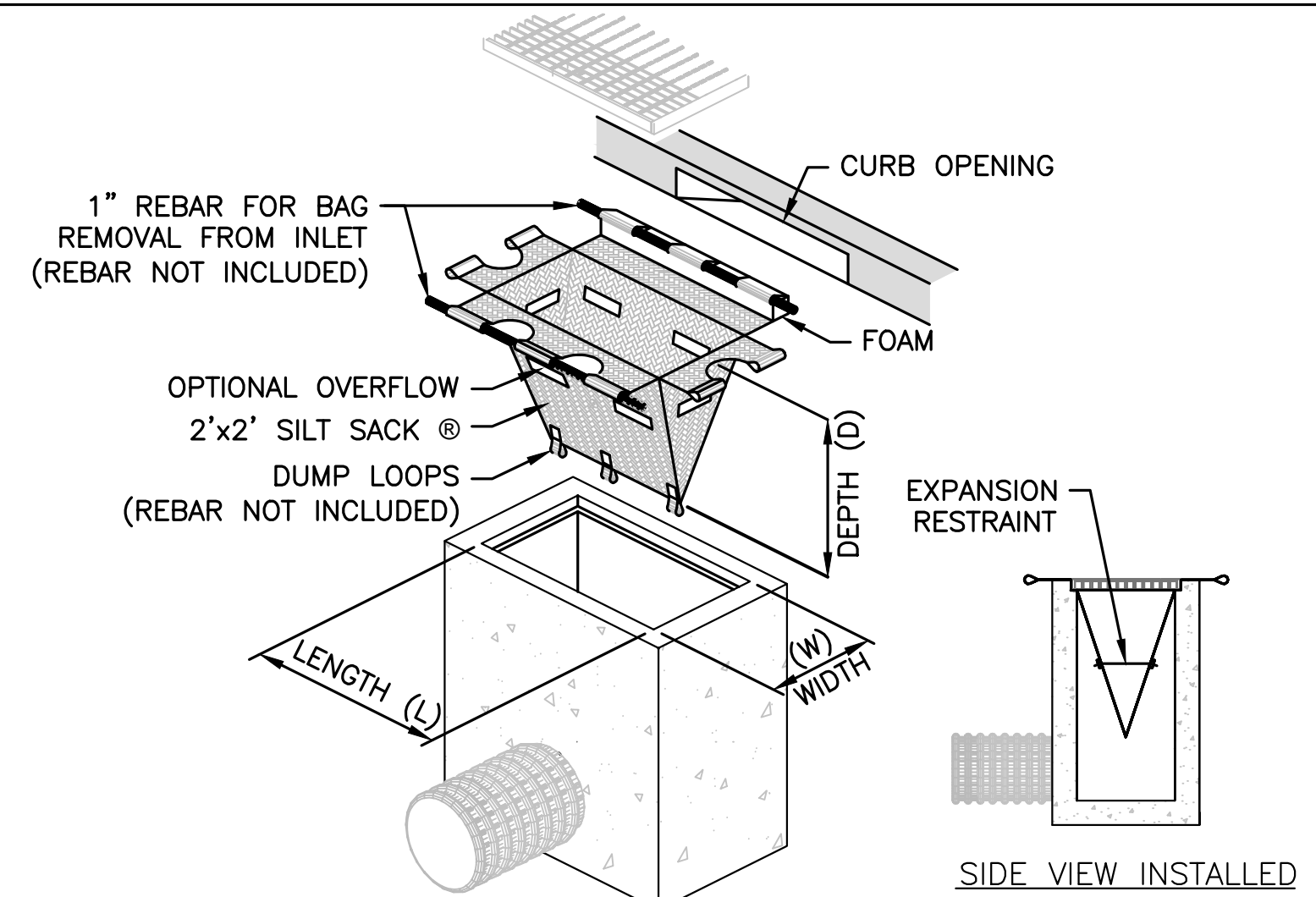


NOTES:

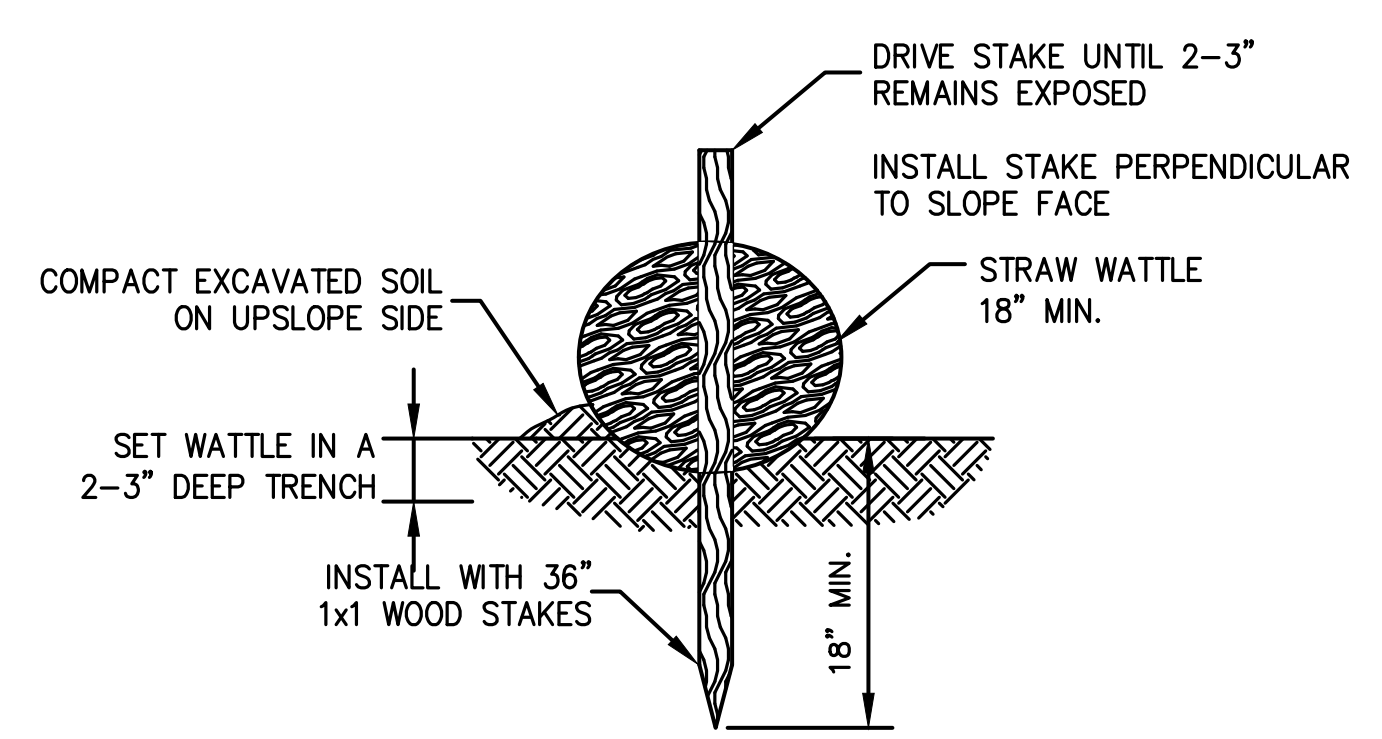
1. EROSION CONTROL BARRIER (HAY BALES, SILT FENCE OR EROSION STOCK) SHALL BE PLACED AROUND ALL MATERIAL STOCKPILE AREAS AND MAINTAINED AT STAGING AREAS TO ASSURE NO SILTATION ONTO PUBLIC OR PRIVATE WAYS OR PROPERTY.

TRENCH DETAIL

SILT FENCE DETAIL
NOT TO SCALE



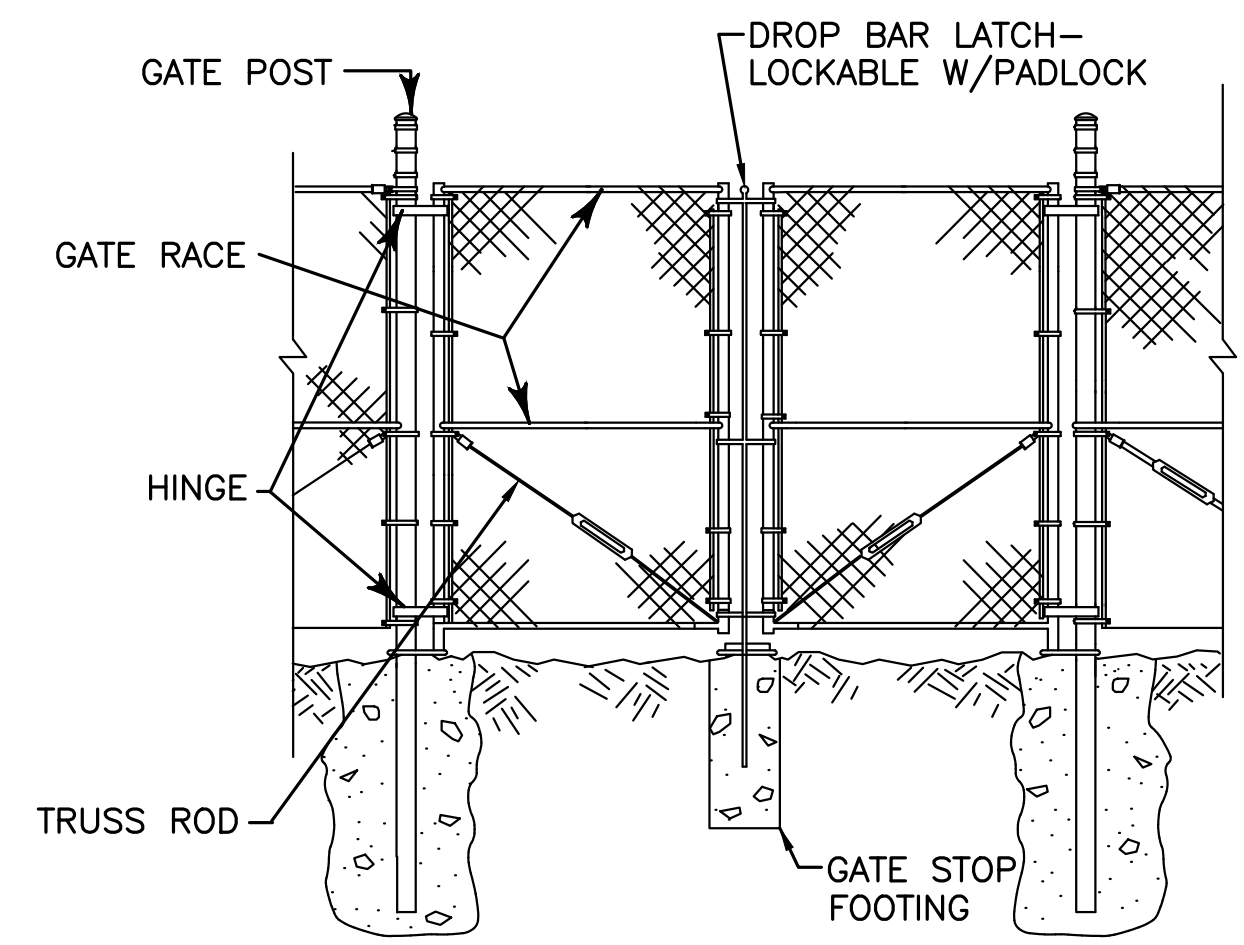
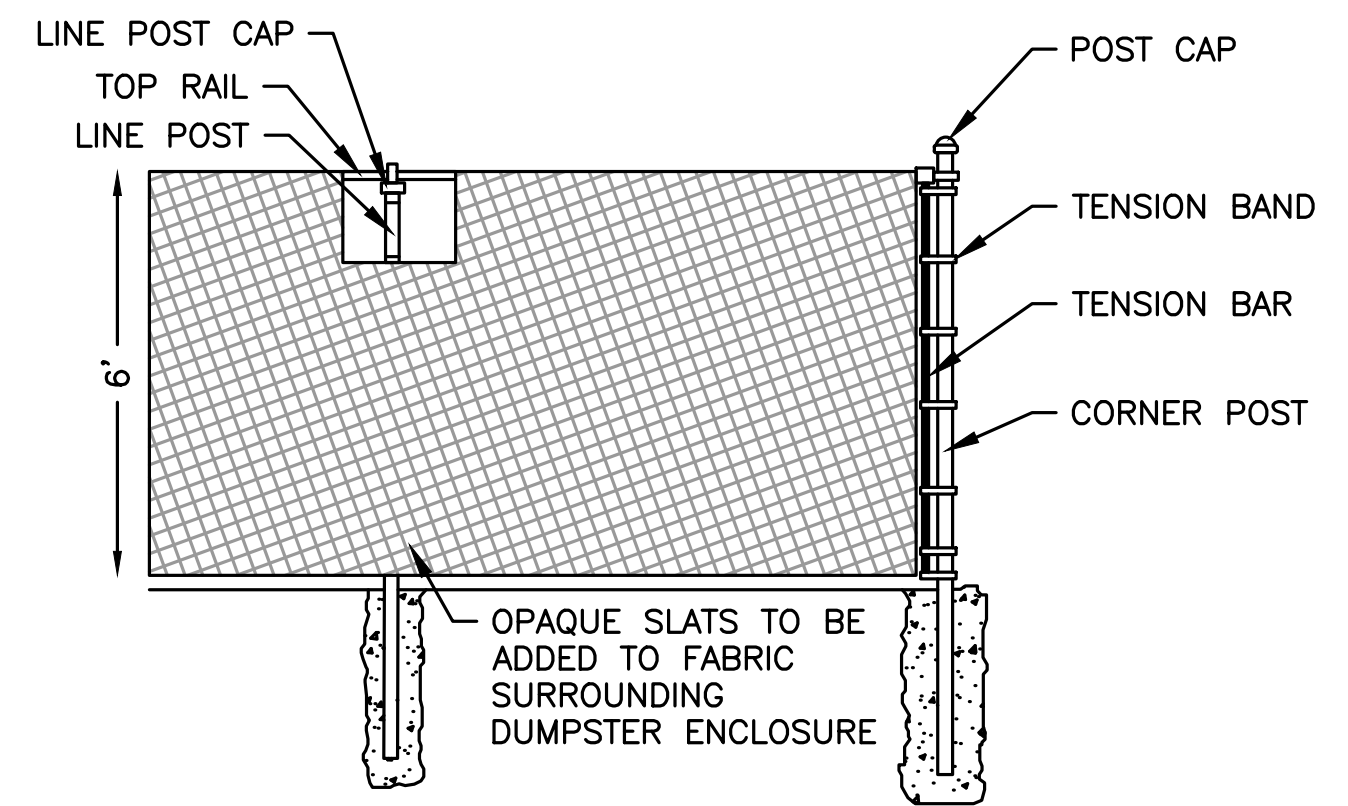
TEMPORARY INLET PROTECTION
NOT TO SCALE



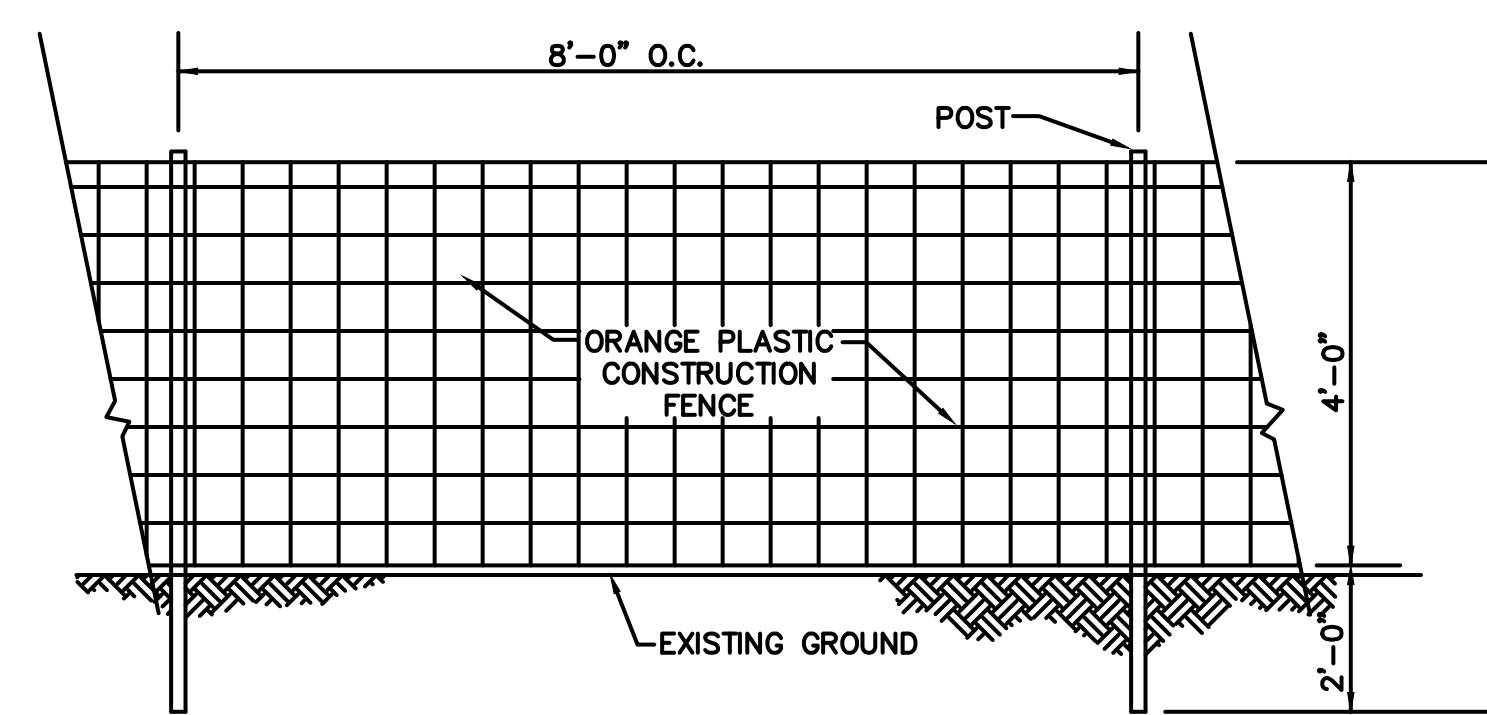
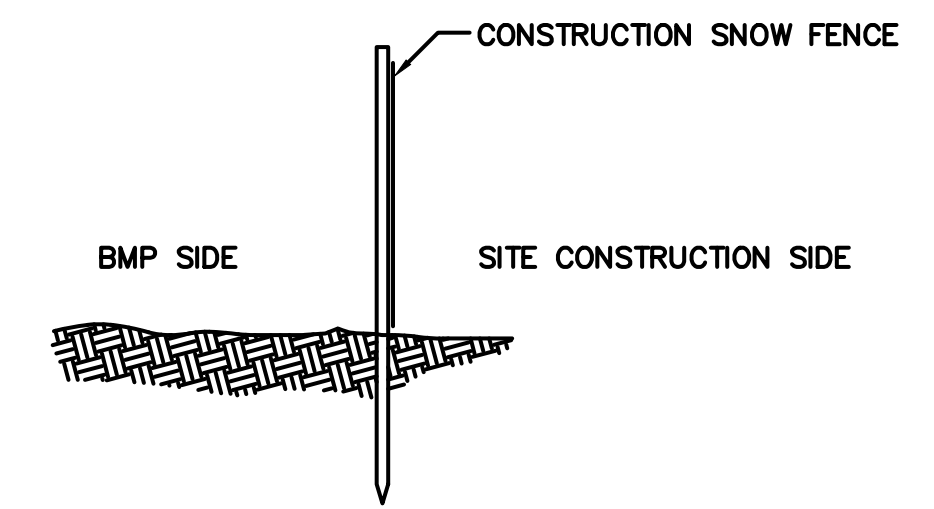
NOTES:

1. BEGIN AT THE LOCATION WHERE THE WATTLE 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 WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
3. SECURE THE WATTLE WITH 36\" (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 WATTLE LEAVING AT LEAST 2-3\" (5-7.5 CM) OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.

STRAW WATTLE DETAIL
NOT TO SCALE

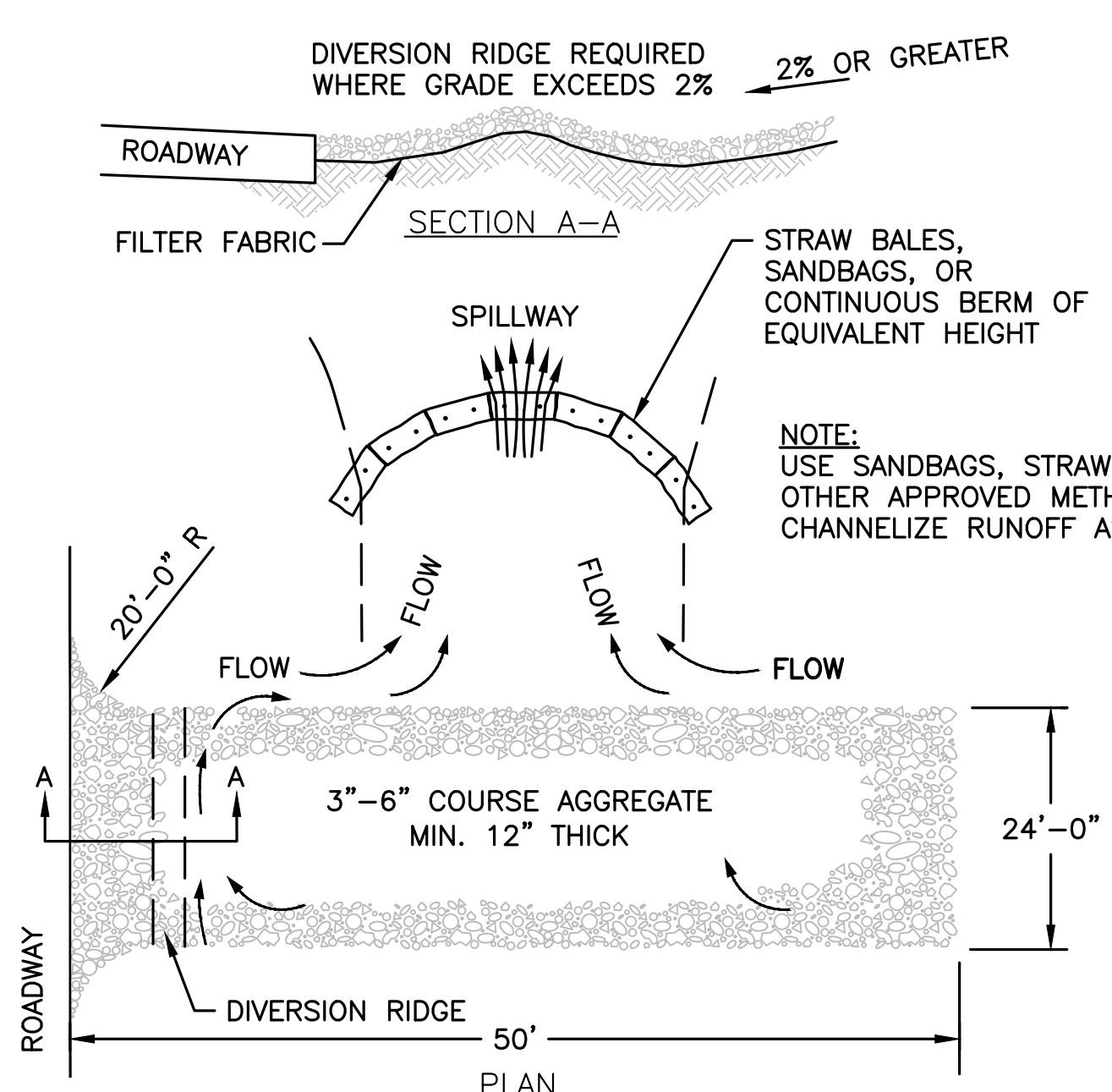


CHAIN LINK FENCE DETAIL
NOT TO SCALE



NOTE: ORANGE PLASTIC CONSTRUCTION FENCE TO BE PLACED AT LIMIT OF WORK.

CONSTRUCTION FENCE
NOT TO SCALE



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

PREPARED FOR:
SAFE N LOCK CAPITAL PARTNERS LLC
3333 NEW HYDE PARK ROAD
SUITE 200
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147 MAIN STREET
LEICESTER, MA, 01611
WORCESTER COUNTY

REVISIONS:

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SITE PLAN

DETAIL SHEET
1 OF 3

DATE:	NOVEMBER 22, 2023
PROJECT NUMBER:	21084.00
DESIGNED BY:	KF
DRAWN BY:	KF/MR
CHECKED BY:	KE

C.10



HOWARD STEIN HUDSON

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Chelmsford, MA 01824
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SITE
PLAN

DETAIL SHEET
2 OF 3

DATE: NOVEMBER 22, 2023

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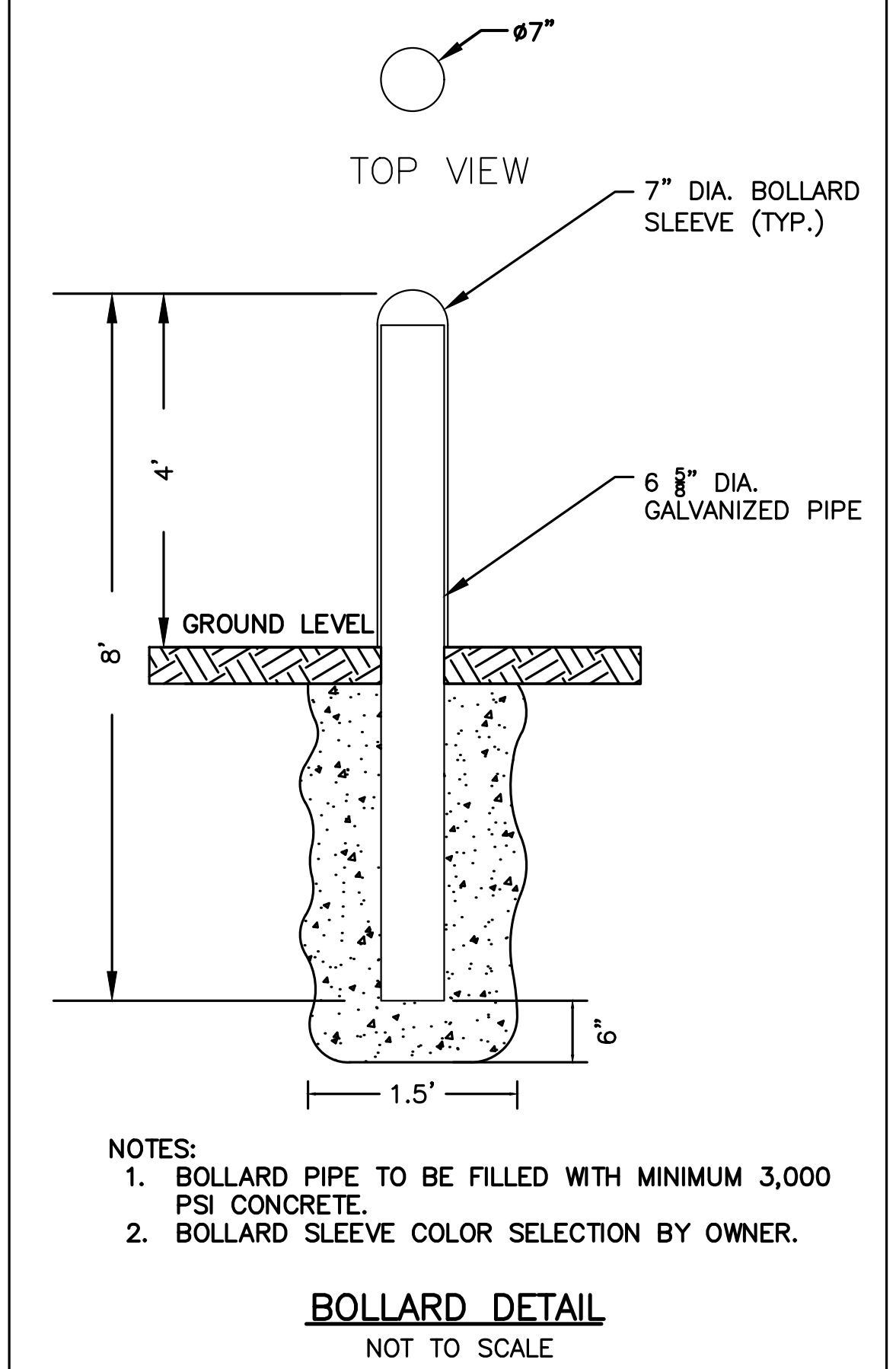
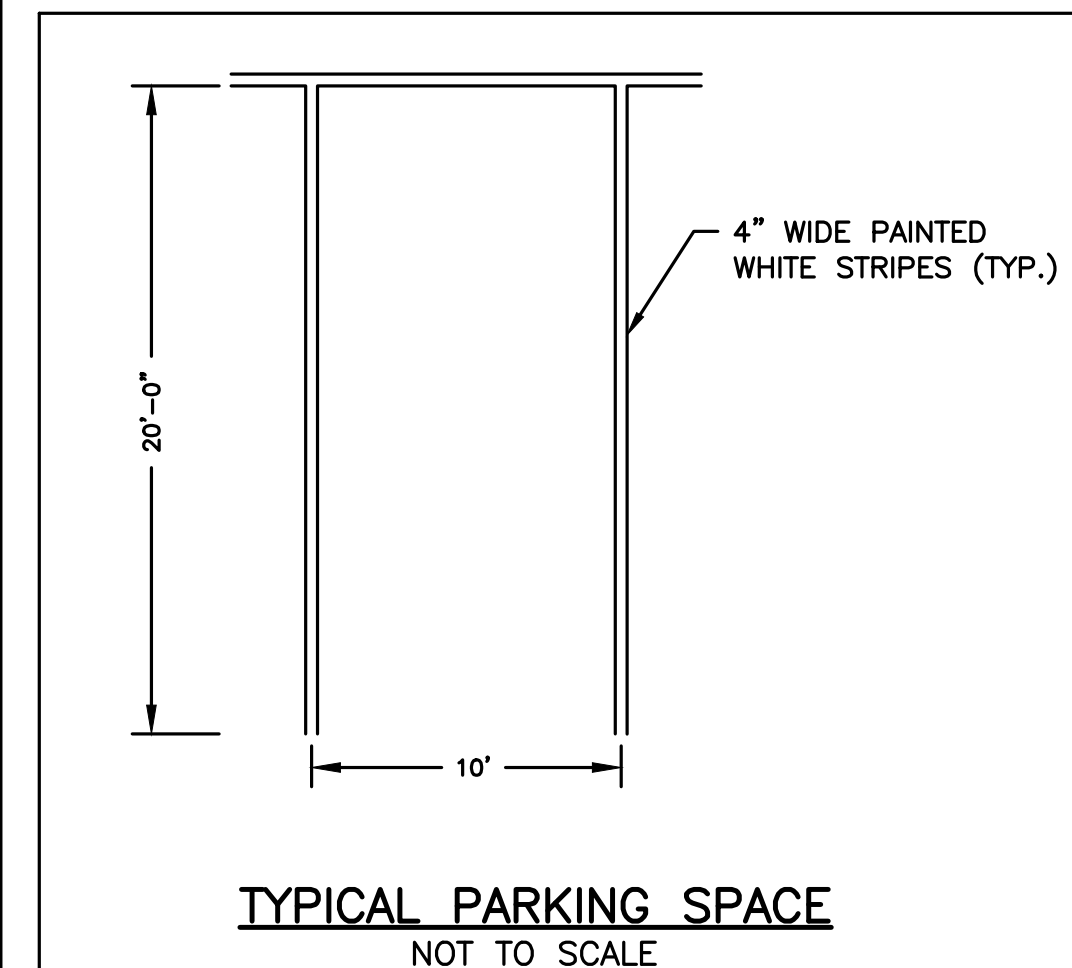
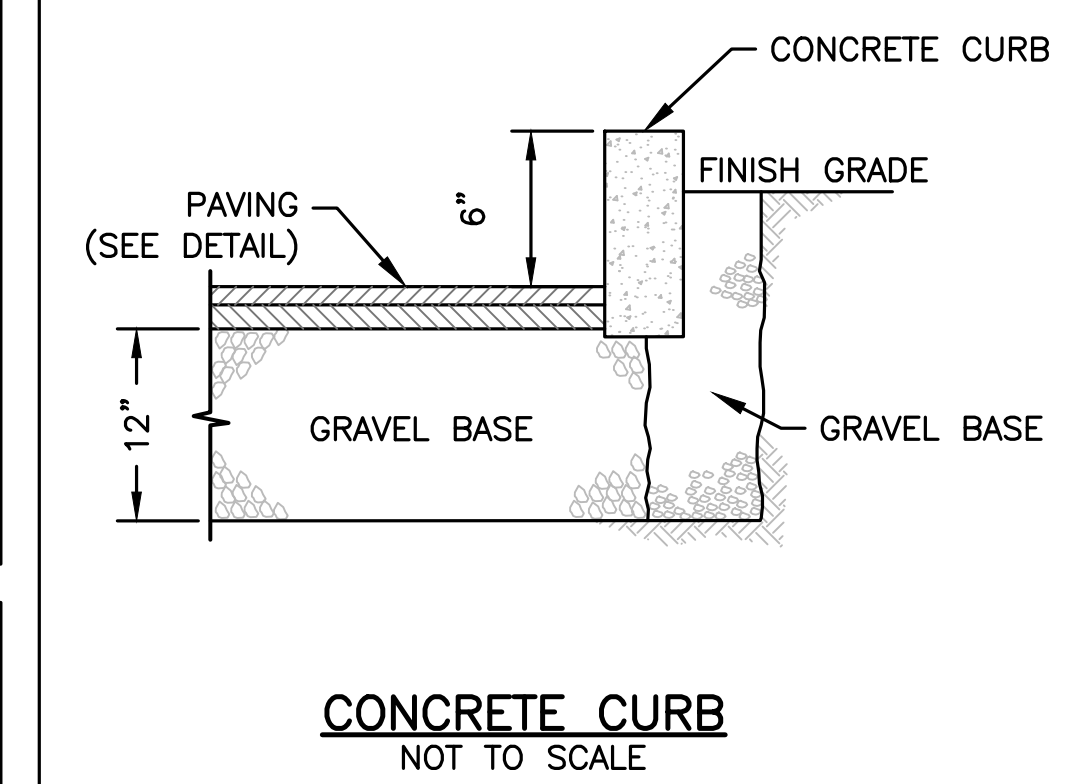
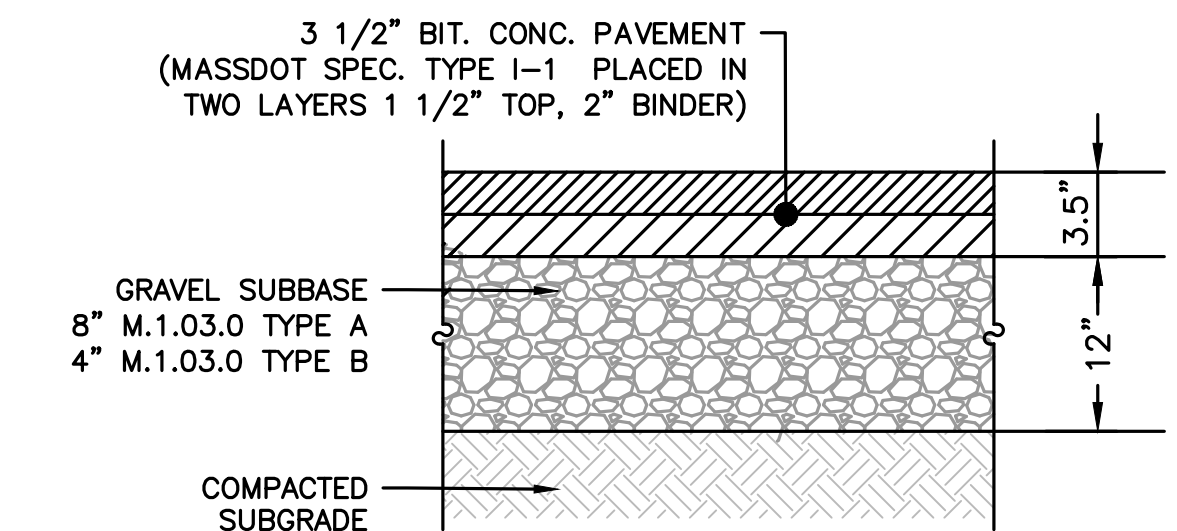
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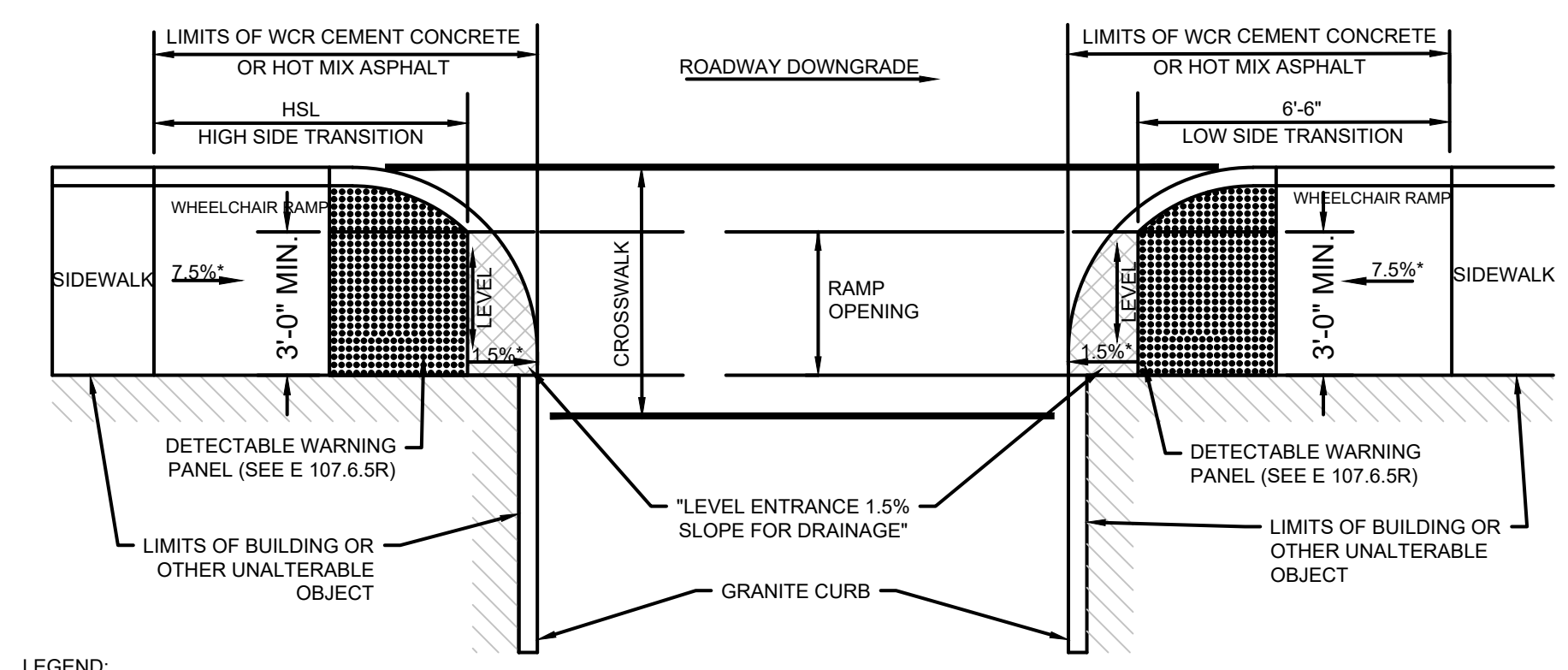
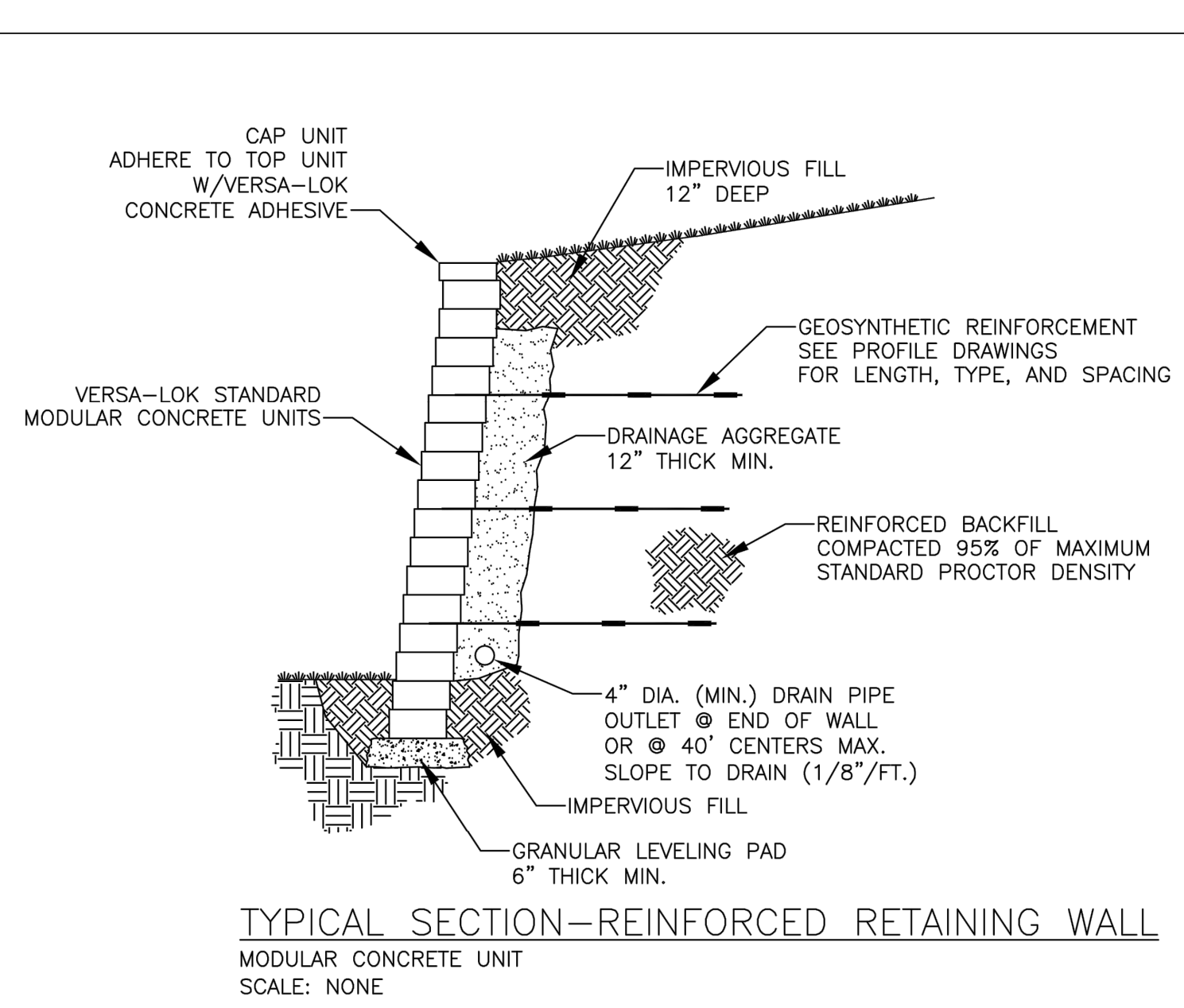
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SHEET 11 OF 12

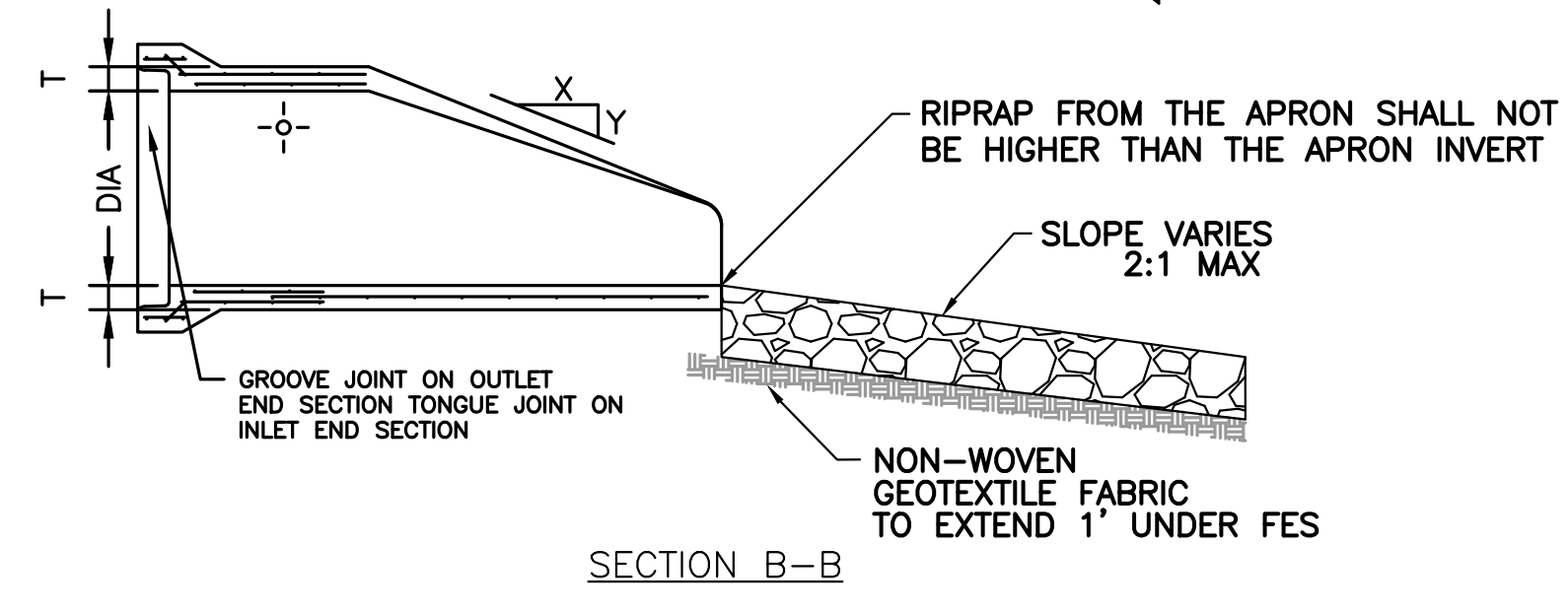
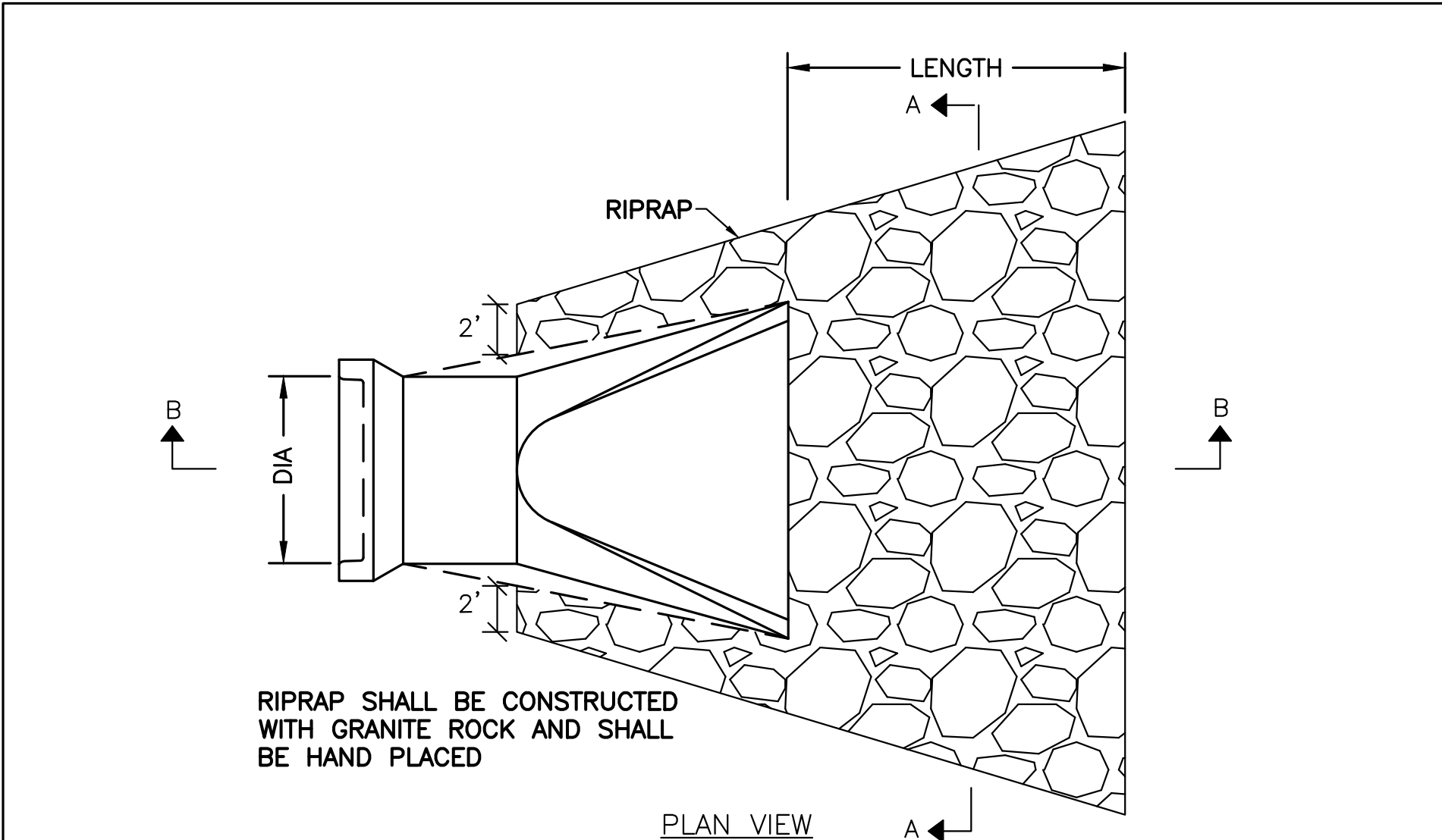


- NOTES:
- 1. BOLLARD PIPE TO BE FILLED WITH MINIMUM 3,000 PSI CONCRETE.
 - 2. BOLLARD SLEEVE COLOR SELECTION BY OWNER.

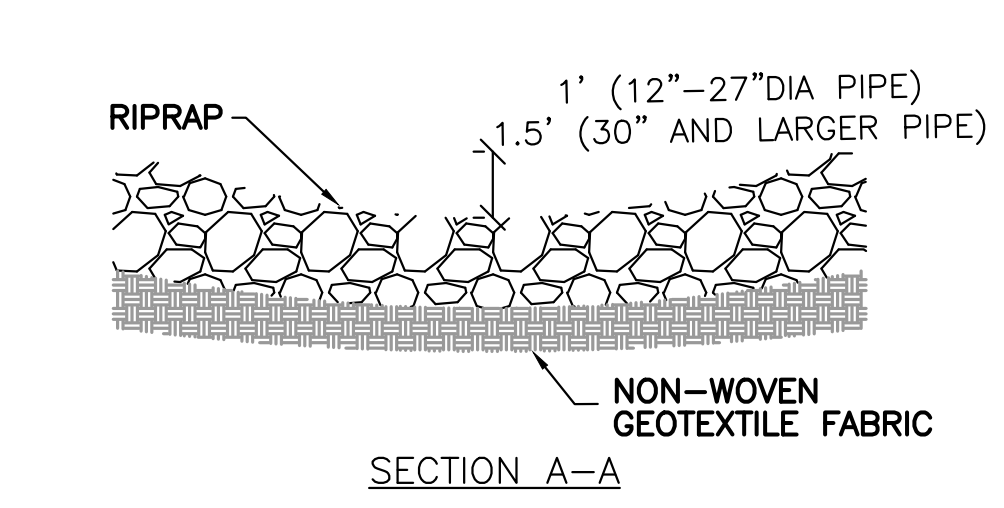


LEGEND:
HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0)
T = TOLERANCE FOR CONSTRUCTION ±0.5%

NOTES:
DETECTABLE WARNING PANEL LOCATED NOT LESS THAN 6" OR MORE THAN 24" FROM ROADWAY EDGE (GUTTER LINE), TRUNCATED DOMES TO BE ALIGNED WITH DIRECTION OF TRAVEL.
FOR DETAILS OF TRUNCATED DOMES SEE DRAWING E 107.6.5.
ROADWAY, GUTTER, AND FIRST 6" OF SIDEWALK TO BE ADJUSTED FOR FIELD CONDITIONS.

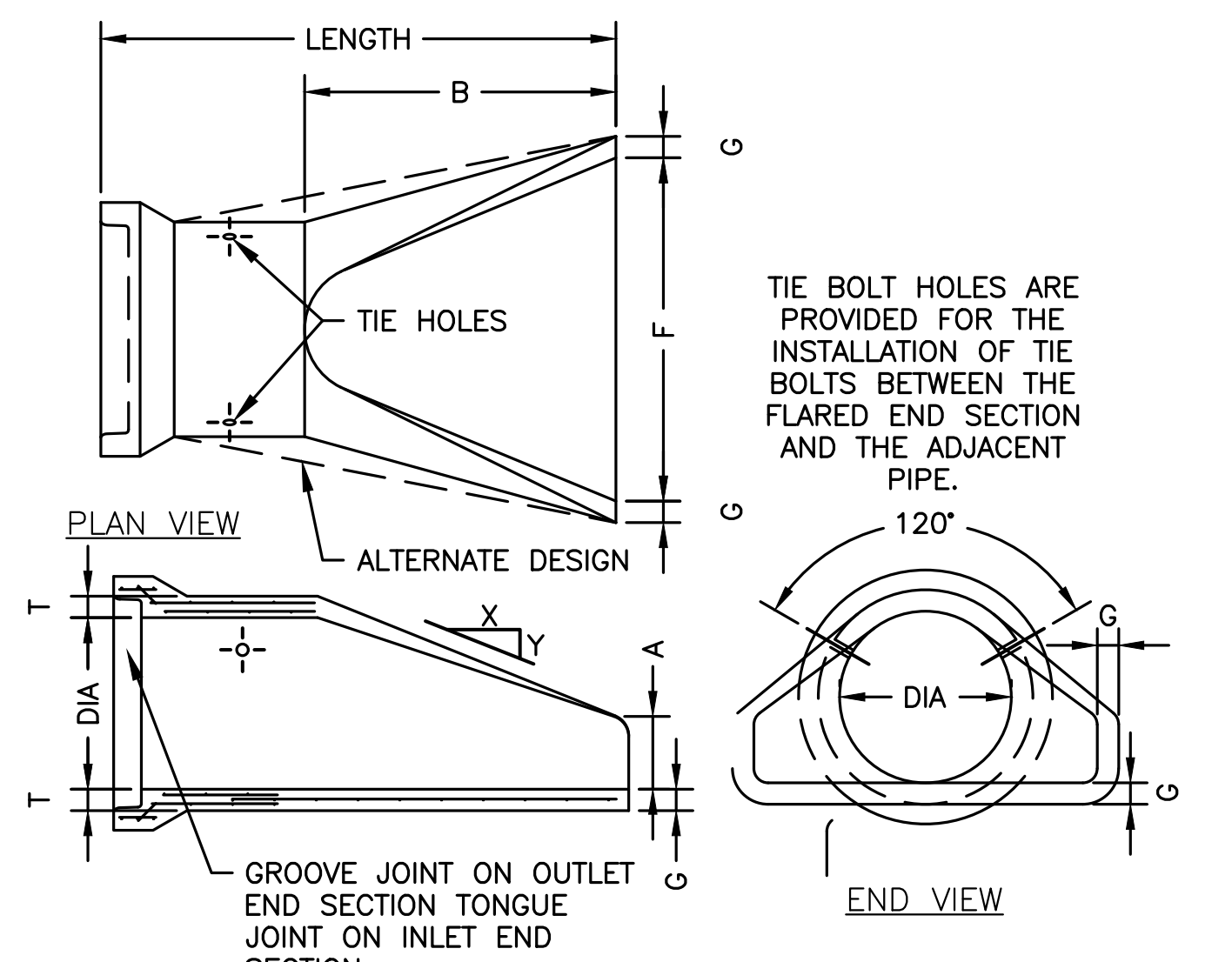
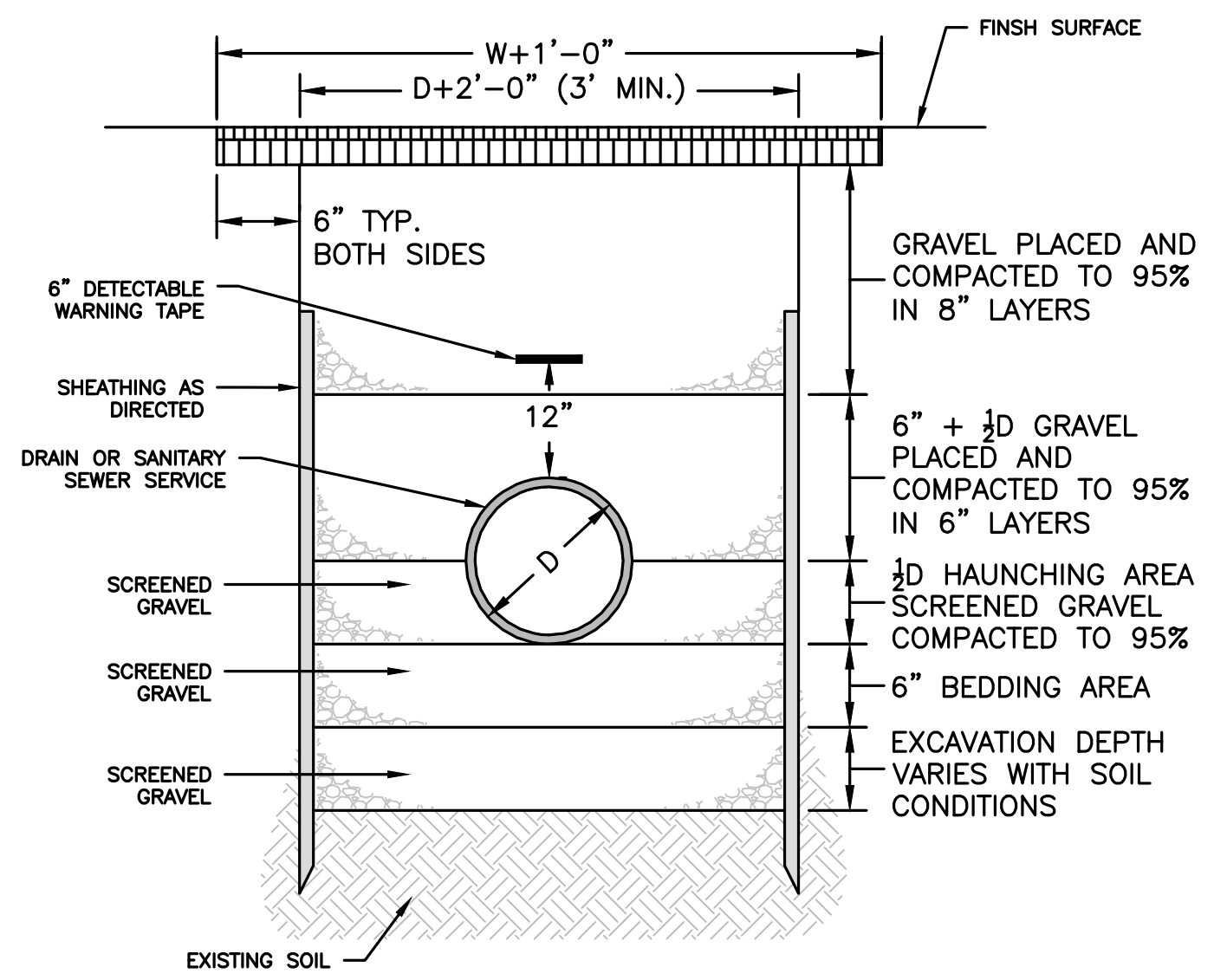


NOTE: ONE CUBIC YARD IS APPROXIMATELY 1.4 TONS.



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

PIPE DIA	LENGTH		SLOPE (X TO Y)	T	A	B	F	G	WEIGHT/SECTION (LBS)
	OUTLET	INLET							
12"	6'-0"	6'-0"	2.4 TO 1	2"	4"	24"	30"	2"	530
15"	6'-0"	6'-0"	2.4 TO 1	2 1/2"	6"	27"	30"	2 1/2"	740
18"	6'-0"	6'-0"	2.3 TO 1	2 1/2"	9"	27"	36"	2 1/2"	990
21"	6'-0"	6'-0"	2.4 TO 1	2 1/2"	9"	36"	42"	2 1/2"	1280
24"	6'-0"	6'-0"	2.5 TO 1	3"	9 1/2"	43 1/2"	48"	3"	1520



HOWARD STEIN HUDSON
 370 Main Street
 Worcester, MA 01608
 www.hshassoc.com

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SITE PLAN

DETAIL SHEET
 3 OF 3

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CHECKED BY:	KE

C.12

CDS2015-4-C DESIGN NOTES

THE STANDARD CDS2015-4-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION			
GRATED INLET ONLY (NO INLET PIPE)			
GRATED INLET WITH INLET PIPE OR PIPES			
CURB INLET ONLY (NO INLET PIPE)			
CURB INLET WITH INLET PIPE OR PIPES			
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)			
SEDIMENT WEIR FOR NJDEP / NJCAT CONFORMING UNITS			

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID			
WATER QUALITY FLOW RATE (CFS OR L/s)		*	
PEAK FLOW RATE (CFS OR L/s)		*	
RETURN PERIOD OF PEAK FLOW (YRS)		*	
SCREEN APERTURE (2400 OR 4700)		*	
PIPE DATA:			
INLET PIPE 1	IE	MATERIAL	DIAMETER
*	*	*	*
INLET PIPE 2	IE	MATERIAL	DIAMETER
*	*	*	*
OUTLET PIPE	IE	MATERIAL	DIAMETER
*	*	*	*
RIM ELEVATION			
ANTI-FLOTATION BALLAST			
	WIDTH	HEIGHT	
NOTES/SPECIAL REQUIREMENTS:			
* PER ENGINEER OF RECORD			

GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH () ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.contechES.com
- CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- STRUCTURE SHALL MEET AASHTO H250 AND CASTINGS SHALL MEET H250 (AASHTO M 306) LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT OR BELOW THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
- PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES

- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

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CDS2015-4-C
 INLINE CDS
 STANDARD DETAIL

