

BARBER COVE

32 & 36 IRON HORSE BOULEVARD SIMSBURY, CONNECTICUT

SLR PROJECT # 17126.00001
MAY 28, 2021

REVISED: JULY 1, 2021 (PLANNING & ZONING SUBMISSION)

GENERAL NOTES

- PROPERTY AND TOPOGRAPHIC INFORMATION IS COMPILED FROM A MAP TITLED "TOPOGRAPHIC AS-BUILT PLAN, PREPARED FOR GIRARD BROTHERS CORPORATION, IRON HORSE BOULEVARD, SIMSBURY, CONNECTICUT", SCALE: 1"=40', DATE: APRIL 30, 2020, PREPARED BY: BARRESI ASSOCIATES LLC.
- NORTH ARROW, BEARINGS AND COORDINATES ARE BASED UPON THE CONNECTICUT COORDINATE SYSTEM (NAD 1983). ELEVATIONS, CONTOURS AND BENCH MARK ARE BASED UPON (NAVD 1988).
- INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG", 1-800-922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- SLR INTERNATIONAL, INC. ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
- ALL UTILITY SERVICES ARE TO BE UNDERGROUND. THE EXACT LOCATION, MEANS OF CONSTRUCTION, AND SIZE OF ELECTRIC, TELEPHONE, AND CABLE TELEVISION ARE TO BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES.
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT - 2002", AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
- ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" TOPSOIL, AND BE SEEDED WITH GRASS, AS SHOWN ON THE PLANS.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE TOWN OF SIMSBURY REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 818 AND ADDENDUMS.
- THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
- ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS USED DURING CONSTRUCTION SHOULD BE STORED IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
- COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEE.

EROSION CONTROL NOTES CONTRACTOR RESPONSIBILITIES

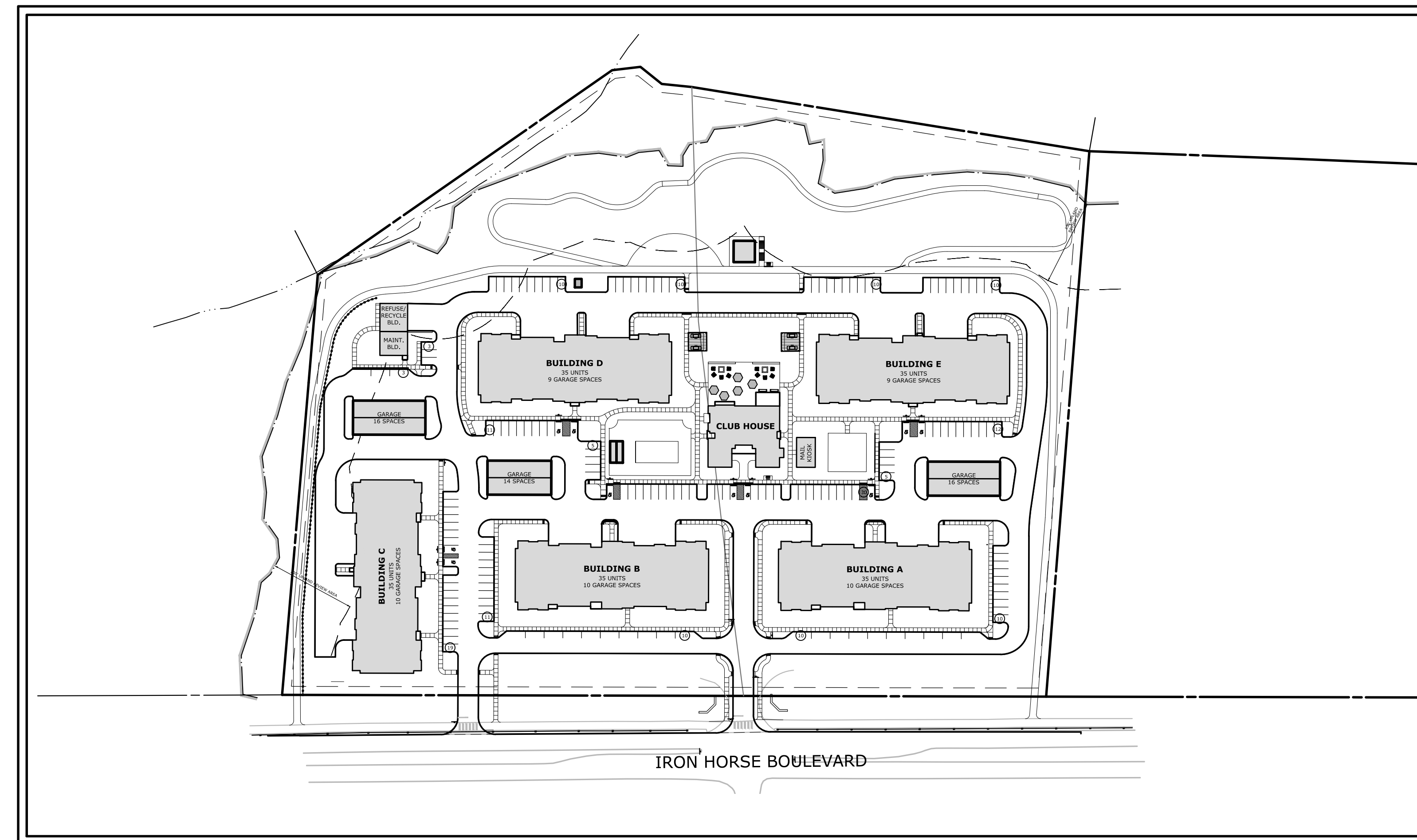
- SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER. A LOG OF SUCH INSPECTIONS SHALL BE MAINTAINED AT THE SITE.
- THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND THE TOWN'S DESIGNATED REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS.
- INSPECTION OF THE SITE FOR EROSION SHALL CONTINUE FOR A PERIOD OF THREE MONTHS AFTER COMPLETION WHEN RAINFALLS OF ONE INCH OR MORE OCCUR.
- ALL DEWATERING WASTE WATERS SHALL BE DISCHARGED IN A MANNER WHICH MINIMIZES THE DISCOLORATION OF THE RECEIVING WATERS.
- THE SITE SHOULD BE KEPT CLEAN OF LOOSE DEBRIS, LITTER, AND BUILDING MATERIALS SUCH THAT NONE OF THE ABOVE ENTER WATERS OR WETLANDS.
- A COPY OF ALL PLANS AND REVISIONS, AND THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MAINTAINED ON-SITE AT ALL TIMES DURING CONSTRUCTION.
- ALL CATCH BASIN Sumps SHOULD BE INSPECTED AFTER CONSTRUCTION COMPLETION AND SEDIMENT REMOVED. THE SEDIMENT SHALL BE DISPOSED OF IN AN APPROVED LOCATION.

ZONING DATA TABLE

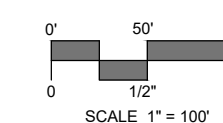
ZONE: FLOODPLAIN OVERLAY
DISTRICT: SIMSBURY CENTER CODE (SCC)

ZONE	REQUIRED	PROPOSED
LOT AREA	N/A	590,643 SQ FT (13.56 ACRES)
LOT FRONTAGE	N/A	897 FT
FRONT YARD	10 FT	25 FT
STREET SETBACK AREA	0 FT MIN/12 FT MAX	15 FT
SIDE YARD	10 FT	53 FT
REAR YARD	10 FT	69 FT
BUILDING HEIGHT	2 STORIES MIN/4 STORIES (56 FT) MAX	3 STORIES (38.5 FT)
% OPEN AREA	15%	35%
PARKING	287 SPACES*	311 TOTAL SPACES (169 SURFACE SPACES (INCLUDES 10 ACCESSIBLE SPACES), 94 GARAGE SPACES, 48 TANDEM GARAGE SPACES)

*UNIT MIX IS AS FOLLOWS: 15 STUDIO, 43 ONE BEDROOM, 40 ONE BEDROOM/DEN, 57 TWO BEDROOM, 20 THREE BEDROOM (175 DWELLING UNITS TOTAL)
SPACES REQUIRED ARE: 1 SPACE/UNIT FOR STUDIO, 1 SPACE/UNIT FOR 1 BEDROOM, 2 SPACES/UNIT FOR 2+ BEDROOMS, PLUS 0.2 GUEST SPACES/UNIT



PROJECT SITE VICINITY MAP:

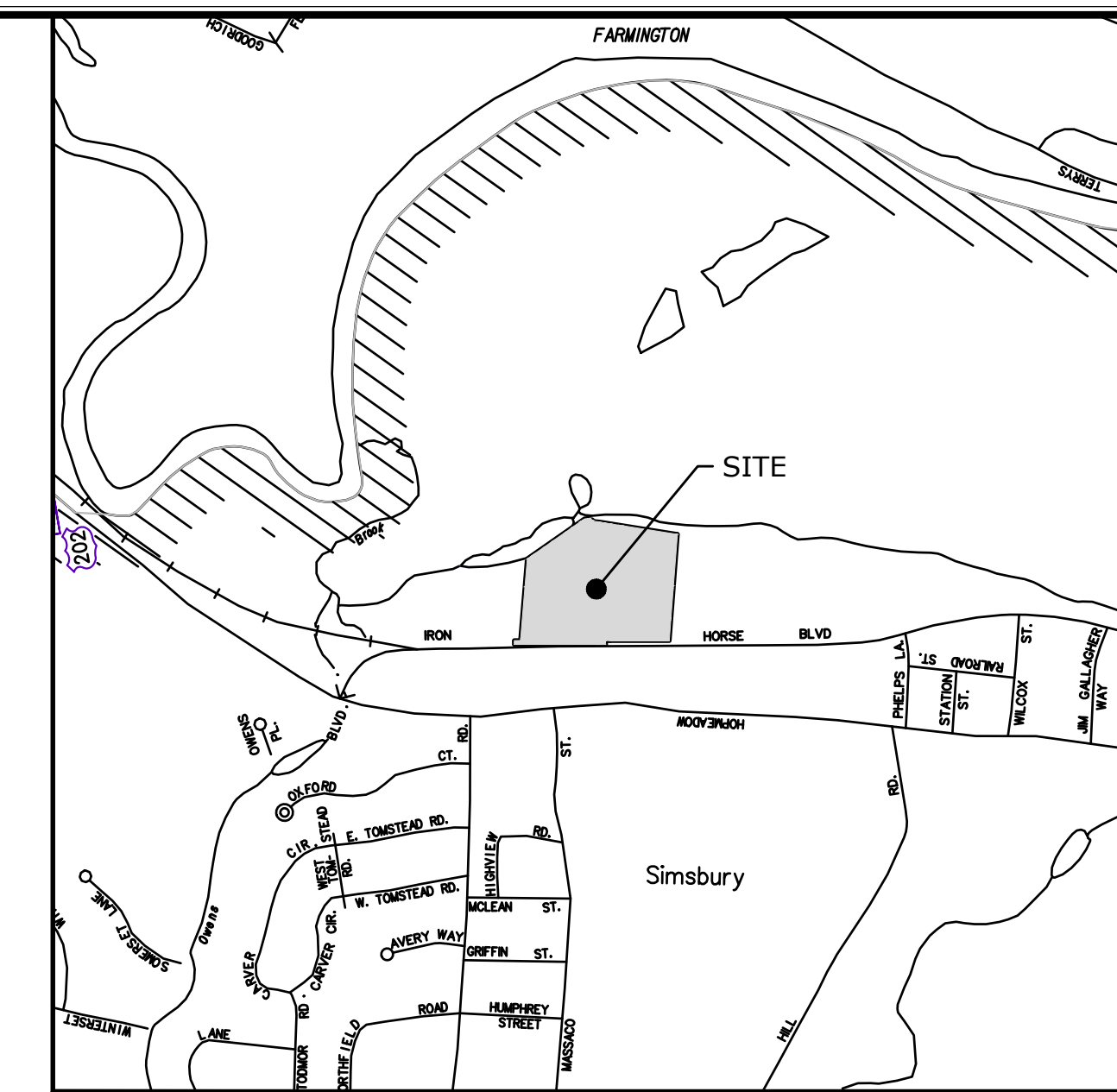


PREPARED FOR:

32-36 IRON HORSE, LLC
75 WEST STREET
SIMSBURY, CONNECTICUT 06070

PREPARED BY:

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LOCATION MAP



LEGEND

EXISTING		PROPOSED
---	STREET LINE	---
---	PROPERTY LINE	---
---	SETBACK LINE	---
---	MAJOR CONTOUR	---
---	MINOR CONTOUR	---
+	SPOT GRADE	+
☀	TREE/ SHRUB	☀
⊙	SITE LIGHT	⊙
⊙	WATER VALVE	⊙
⊙	GAS VALVE	⊙
⊙	CATCH BASIN	⊙
⊙	MANHOLE/YARD DRAIN	⊙
⊙	SANITARY SEWER W/MANHOLE	⊙
---	STORM DRAIN	---
---	WATER MAIN	---
---	GAS MAIN	---
---	ELECTRIC LINE	---
---	ELECTRIC, TELEPHONE, CABLE	---
---	UTILITY POLE	---
---	TRAFFIC SIGN	---
---	IRON PIPE	---
---	MONUMENT	---
---	EDGE OF PAVEMENT W/CURB	---
---	GUARD RAIL	---
---	CHAIN LINK FENCE	---
---	WATERCOURSE	---
---	WETLAND	---

LIST OF DRAWINGS

NO.	NAME	TITLE
01	--	TITLE SHEET
02	EX	EXISTING CONDITIONS
03	LA	SITE PLAN - LAYOUT
04	LS	SITE PLAN - LANDSCAPING
05	GR	SITE PLAN - GRADING
06	UT	SITE PLAN - UTILITIES
07	SE-1	SEDIMENT AND EROSION CONTROL PLAN
08	SE-2	SEDIMENT AND EROSION CONTROL DETAILS AND SPECIFICATIONS
09	SD-1	SITE DETAILS
10	SD-2	SITE DETAILS
11	SD-3	SITE DETAILS
12	SD-4	WET WATER QUALITY SWALE ENLARGEMENT



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LEGEND

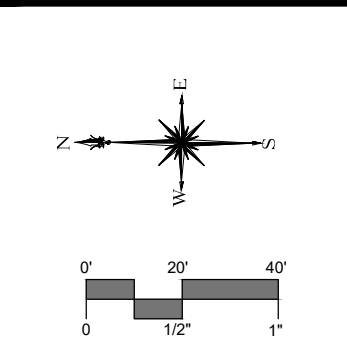
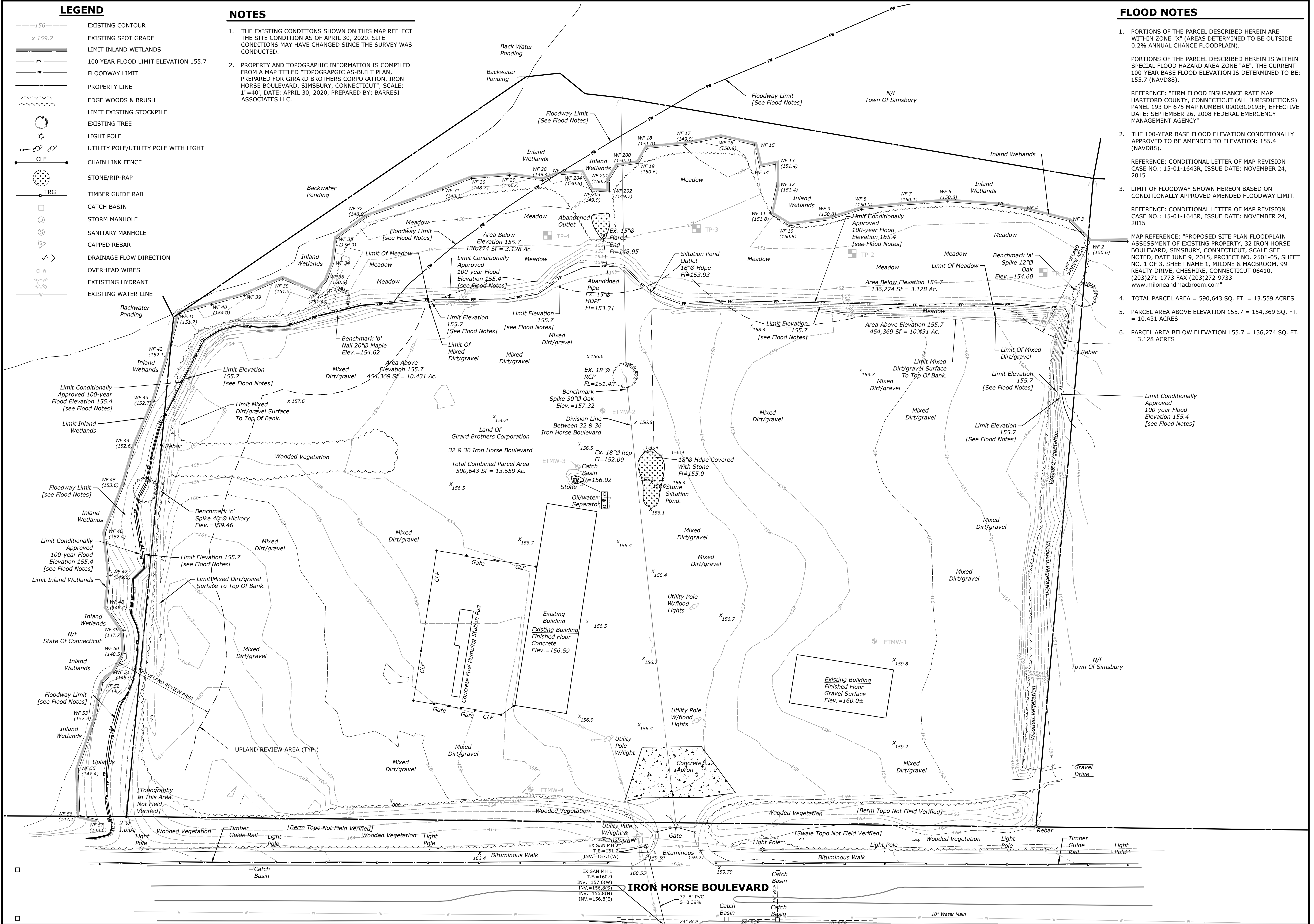
- EXISTING CONTOUR
- EXISTING SPOT GRADE
- LIMIT INLAND WETLANDS
- 100 YEAR FLOOD LIMIT ELEVATION 155.7
- FLOODWAY LIMIT
- PROPERTY LINE
- EDGE WOODS & BRUSH
- LIMIT EXISTING STOCKPILE
- EXISTING TREE
- LIGHT POLE
- UTILITY POLE/UTILITY POLE WITH LIGHT
- CHAIN LINK FENCE
- STONE/RIP-RAP
- TIMBER GUIDE RAIL
- CATCH BASIN
- STORM MANHOLE
- SANITARY MANHOLE
- CAPPED REBAR
- DRAINAGE FLOW DIRECTION
- OVERHEAD WIRES
- EXISTING HYDRANT
- EXISTING WATER LINE

NOTES

1. THE EXISTING CONDITIONS SHOWN ON THIS MAP REFLECT THE SITE CONDITION AS OF APRIL 30, 2020. SITE CONDITIONS MAY HAVE CHANGED SINCE THE SURVEY WAS CONDUCTED.
2. PROPERTY AND TOPOGRAPHIC INFORMATION IS COMPILED FROM A MAP TITLED "TOPOGRAPHIC AS-BUILT PLAN, PREPARED FOR GIRARD BROTHERS CORPORATION, IRON HORSE BOULEVARD, SIMSBURY, CONNECTICUT", SCALE: 1"=40', DATE: APRIL 30, 2020, PREPARED BY: BARBER ASSOCIATES LLC.

FLOOD NOTES

1. PORTIONS OF THE PARCEL DESCRIBED HEREIN ARE WITHIN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN).
2. PORTIONS OF THE PARCEL DESCRIBED HEREIN IS WITHIN SPECIAL FLOOD HAZARD AREA ZONE "AE". THE CURRENT 100-YEAR BASE FLOOD ELEVATION IS DETERMINED TO BE: 155.7 (NAVD88).
3. REFERENCE: "FIRM FLOOD INSURANCE RATE MAP HARTFORD COUNTY, CONNECTICUT (ALL JURISDICTIONS) PANEL 193 OF 675 MAP NUMBER 09003C0193F, EFFECTIVE DATE: SEPTEMBER 26, 2008 FEDERAL EMERGENCY MANAGEMENT AGENCY"
4. THE 100-YEAR BASE FLOOD ELEVATION CONDITIONALLY APPROVED TO BE AMENDED TO ELEVATION: 155.4 (NAVD88).
5. REFERENCE: CONDITIONAL LETTER OF MAP REVISION CASE NO.: 15-01-1643R, ISSUE DATE: NOVEMBER 24, 2015
6. LIMIT OF FLOODWAY SHOWN HEREON BASED ON CONDITIONALLY APPROVED AMENDED FLOODWAY LIMIT.
7. REFERENCE: CONDITIONAL LETTER OF MAP REVISION CASE NO.: 15-01-1643R, ISSUE DATE: NOVEMBER 24, 2015
8. MAP REFERENCE: "PROPOSED SITE PLAN FLOODPLAIN ASSESSMENT OF EXISTING PROPERTY, 32 IRON HORSE BOULEVARD, SIMSBURY, CONNECTICUT, SCALE SEE NOTED, DATE JUNE 9, 2015, PROJECT NO. 2501-05, SHEET NO. 1 OF 3, SHEET NAME 1, MILONE & MACBROOM, 99 REALTY DRIVE, CHESHIRE, CONNECTICUT 06410, (203)271-1773 FAX (203)272-9733 www.miloneandmacbroom.com"
9. TOTAL PARCEL AREA = 590,643 SQ. FT. = 13.559 ACRES
10. PARCEL AREA ABOVE ELEVATION 155.7 = 154,369 SQ. FT. = 10.431 ACRES
11. PARCEL AREA BELOW ELEVATION 155.7 = 136,274 SQ. FT. = 3.128 ACRES



DATE	BY
7/10/21	AWG

DESCRIPTION	DATE	BY
PLANNING & ZONING SUBMISSION		

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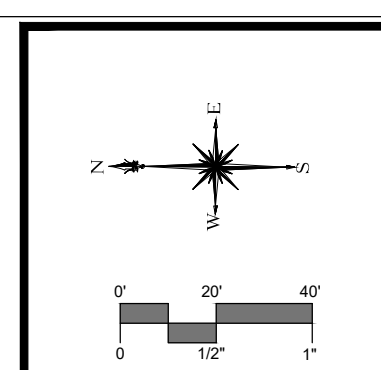
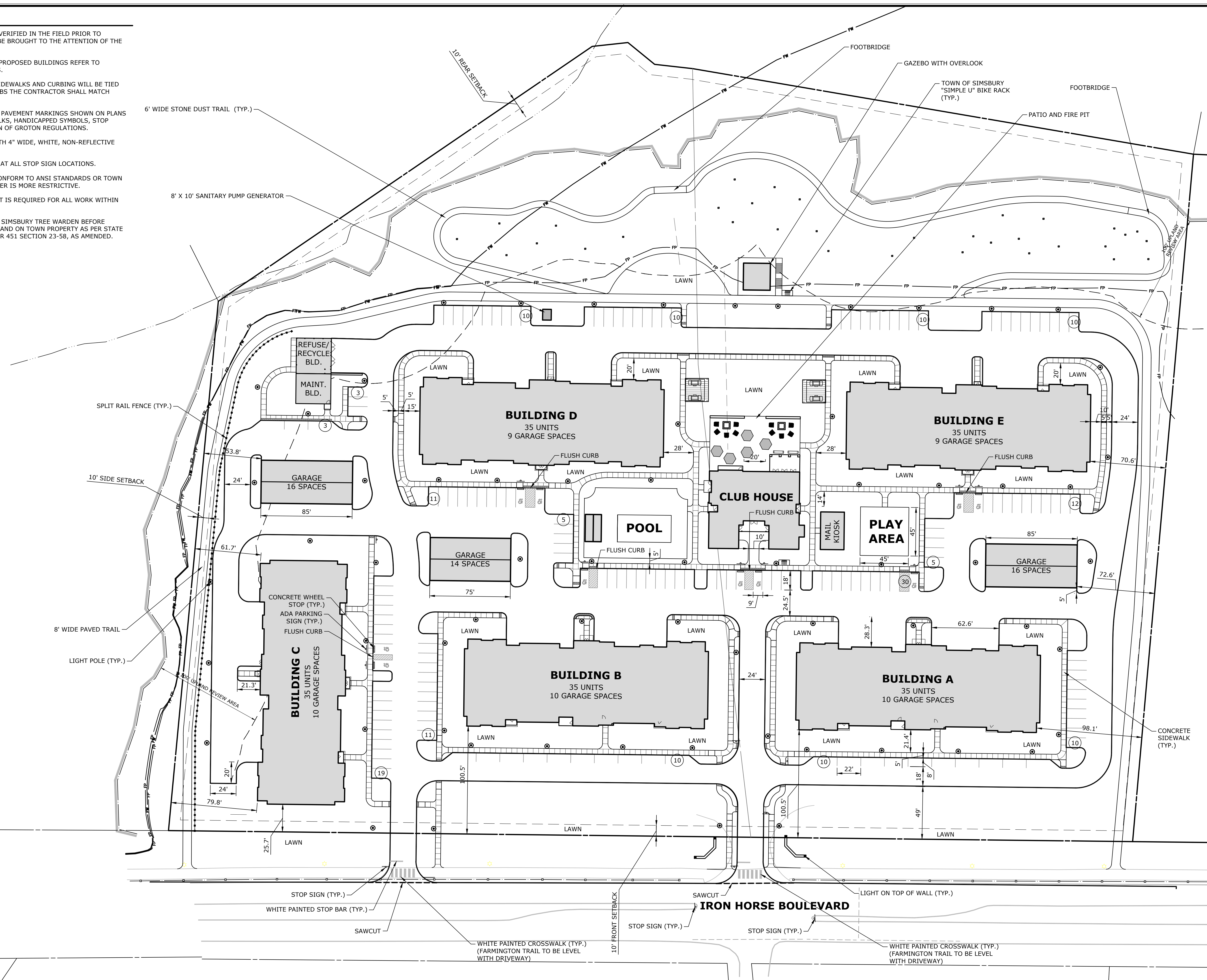
EXISTING CONDITIONS
BARBER COVE
32 & 36 IRON HORSE BOULEVARD SIMSBURY, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: MAY 28, 2021		
PROJECT NO: 17126.00001		
SHEET NO: 02 OF 12		

EX

LAYOUT NOTES

1. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
2. FOR DETAILED INFORMATION PERTAINING TO PROPOSED BUILDINGS REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS.
3. IN ALL CASES IN WHICH PROPOSED ROADS, SIDEWALKS AND CURBING WILL BE TIED INTO EXISTING ROAD/SIDEWALK AND/OR CURBS THE CONTRACTOR SHALL MATCH EXISTING LINE AND GRADE.
4. THE CONTRACTOR IS REQUIRED TO PAINT ALL PAVEMENT MARKINGS SHOWN ON PLANS INCLUDING PARKING SPACE LINES, CROSSWALKS, HANDICAPPED SYMBOLS, STOP BARS, AND ALL MARKINGS REQUIRED BY TOWN OF GROTON REGULATIONS.
5. ALL PARKING SPACE LINES TO BE STRIPED WITH 4" WIDE, WHITE, NON-REFLECTIVE PAINT.
6. PROVIDE 12" WIDE WHITE PAINTED STOP BAR AT ALL STOP SIGN LOCATIONS.
7. ALL CURB/HANDICAP RAMP DESIGNS SHALL CONFORM TO ANSI STANDARDS OR TOWN OF GROTON SITE PLAN STANDARDS, WHICHEVER IS MORE RESTRICTIVE.
8. A CONNDOT HIGHWAY ENCROACHMENT PERMIT IS REQUIRED FOR ALL WORK WITHIN THE STATE RIGHT-OF-WAY.
9. THE CONTRACTOR WILL NOTIFY THE TOWN OF SIMSBURY TREE WARDEN BEFORE REMOVAL OR PRUNING OF ANY TREES THAT STAND ON TOWN PROPERTY AS PER STATE OF CONNECTICUT GENERAL STATUTES CHAPTER 451 SECTION 23-58, AS AMENDED.



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DESCRIPTION	DATE	BY
PLANNING & ZONING SUBMISSION	7/11/21	AWG

SITE PLAN - LAYOUT
BARBER COVE
 32 & 36 IRON HORSE BOULEVARD
 SIMSBURY, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: MAY 28, 2021		
PROJECT NO.: 17126.00001		
SHEET NO.: 03 OF 12		
LA		

PLANT SCHEDULE

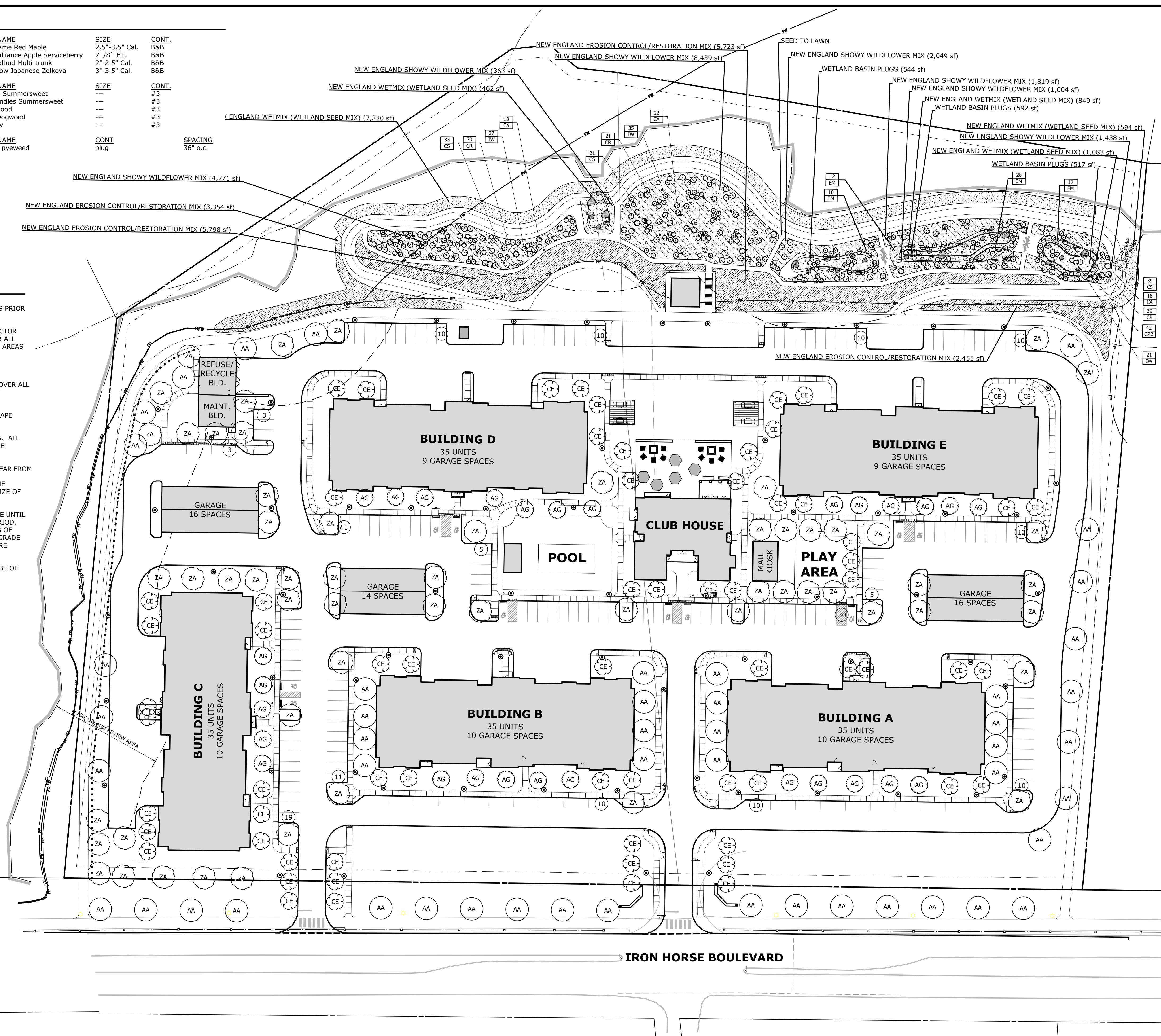
TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.
AA	49	Acer rubrum 'Autumn Flame'	Autumn Flame Red Maple	2.5"-3.5" Cal.	B&B
AG	28	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	7'-8" HT.	B&B
CE	67	Cercis canadensis	Eastern Redbud Multi-trunk	2"-2.5" Cal.	B&B
ZA	60	Zelkova serrata 'Autumn Glow'	Autumn Glow Japanese Zelkova	3"-3.5" Cal.	B&B
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.
CR	90	Clethra alnifolia 'Ruby Spice'	Ruby Spice Summersweet	---	#3
CS	93	Clethra alnifolia 'Sixteen Candles'	Sixteen Candles Summersweet	---	#3
CA	53	Cornus amomum	Silky Dogwood	---	#3
CR2	42	Cornus sericea	Red Twig Dogwood	---	#3
TW	83	Ilex verticillata	Winterberry	---	#3
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SPACING
EM	67	Eutrochium fistulosum	Hollow Joe-pyeweed	plug	36" o.c.

	NEW ENGLAND EROSION CONTROL/RESTORATION MIX BY NEW ENGLAND WETLAND PLANTS	17,330 sf
	NEW ENGLAND WETMIX (WETLAND SEED MIX) BY NEW ENGLAND WETLAND PLANTS	10,208 sf
	NEW ENGLAND SHOWY WILDFLOWER MIX BY NEW ENGLAND WETLAND PLANTS	19,383 sf

PLANTING NOTES

- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING PLANT PITS.
- SEED ALL DISTURBED AREAS TO LAWN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE A 6" MINIMUM DEPTH OF SCREENED TOPSOIL, AS SPECIFIED, FOR ALL LAWN AREAS. AS NOTED ON THE DETAILS, SUBGRADE BENEATH PROPOSED LAWN AREAS SHALL BE LOOSENEED OR SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES.
- ALL PLANTING BEDS SHALL HAVE 12" MINIMUM DEPTH OF TOPSOIL.
- THE CONTRACTOR SHALL PROVIDE A 4" MIN. DEPTH OF SHREDDED BARK MULCH OVER ALL PLANTING BEDS AND TREE PLANTINGS. MULCHED PLANT BEDS SHALL EXTEND 12" FURTHER THAN THE ADJACENT PLANTINGS. NO DYED MULCH.
- ALL PLANT MATERIAL IS SUBJECT TO INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO AND AFTER PLANTING.
- PLANT SPECIES MAY BE ADJUSTED BASED ON AVAILABILITY AT TIME OF PLANTING. ALL PLANT MATERIAL SUBSTITUTIONS ARE SUBJECT TO REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT.
- ALL PLANT MATERIALS SHALL CARRY A FULL GUARANTEE FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE, TO INCLUDE PROMPT TREATMENT OR REMOVAL AND REPLACEMENT OF ANY PLANTS FOUND TO BE IN AN UNHEALTHY CONDITION BY THE LANDSCAPE ARCHITECT. ALL REPLACEMENTS SHALL BE OF THE SAME KIND AND SIZE OF PLANTS SPECIFIED IN THE PLANT LIST.
- MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL ACCEPTANCE BY THE LANDSCAPE ARCHITECT AT THE END OF THE WARRANTY PERIOD. MAINTENANCE SHALL INCLUDE WATERING, MULCHING, TIGHTENING & REPLACING OF GUYS, REPLACEMENT OF SICK OR DEAD PLANTS, RESETTING PLANTS TO PROPER GRADE OR UPRIGHT (PLUMB) POSITION, RESTORATION OF SAUCERS, AND ALL OTHER CARE NEEDED FOR PROPER GROWTH OF THE PLANTS.
- WHERE A SIZE RANGE IS SPECIFIED AT LEAST 50% OF PLANTS PROVIDED SHALL BE OF THE LARGER SIZE.

NOTES: SEE SHEET SD-4 FOR INFORMATION ON STORM WATER SWALE PLANTING



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DESCRIPTION	DATE	BY
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SITE PLAN - LANDSCAPING
BARBER COVE
32 & 36 IRON HORSE BOULEVARD
SIMSBURY, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

SCALE: 1"=40'

DATE: MAY 28, 2021

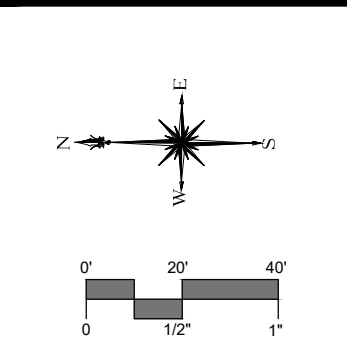
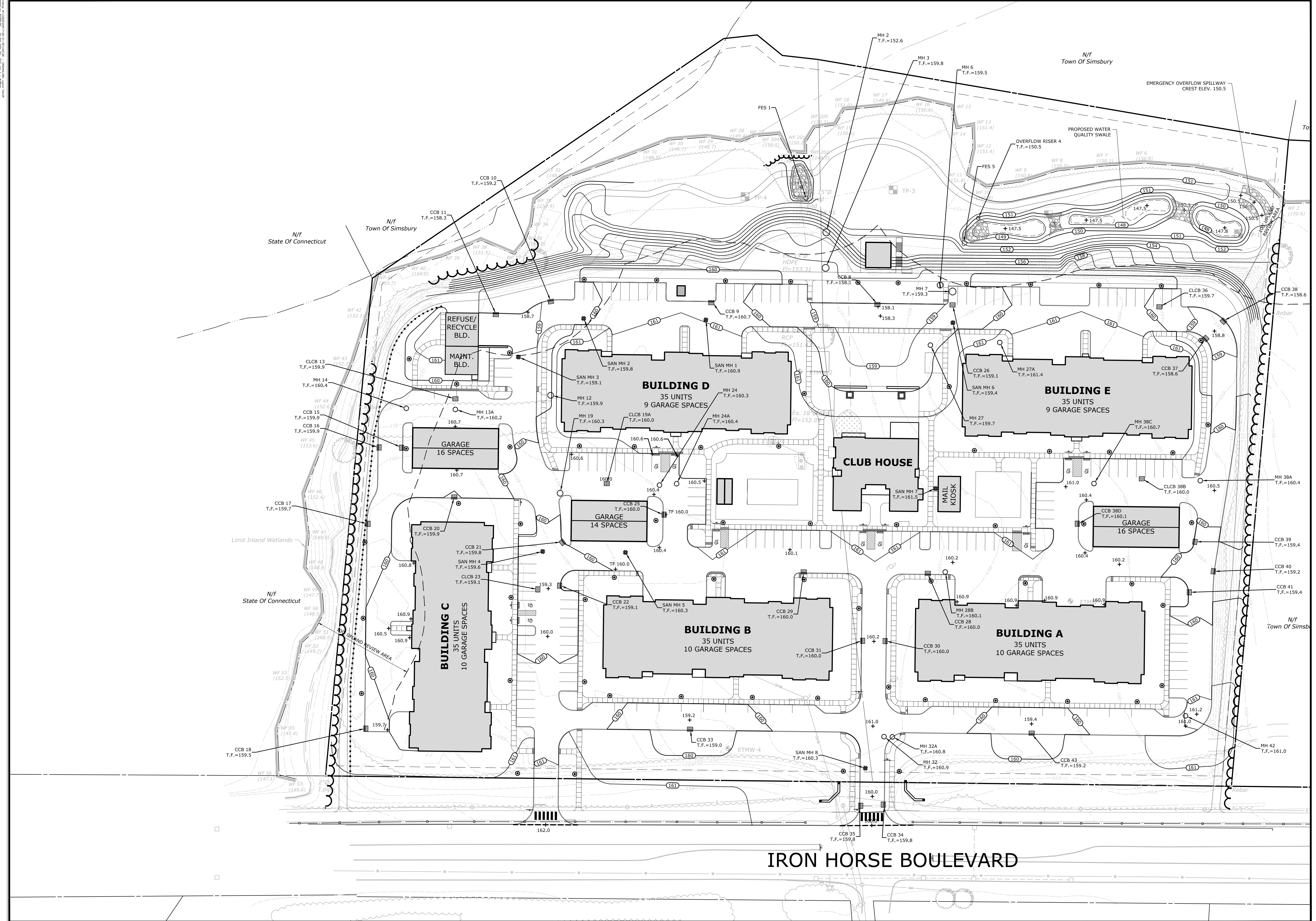
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SHEET NO.: 04 OF 12

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SHEET NAME

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DESCRIPTION	DATE	BY
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SITE PLAN - GRADING
BARBER COVE
 32 & 36 IRON HORSE BOULEVARD
 SIMSBURY, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

SCALE: 1"=40'

DATE: MAY 28, 2021

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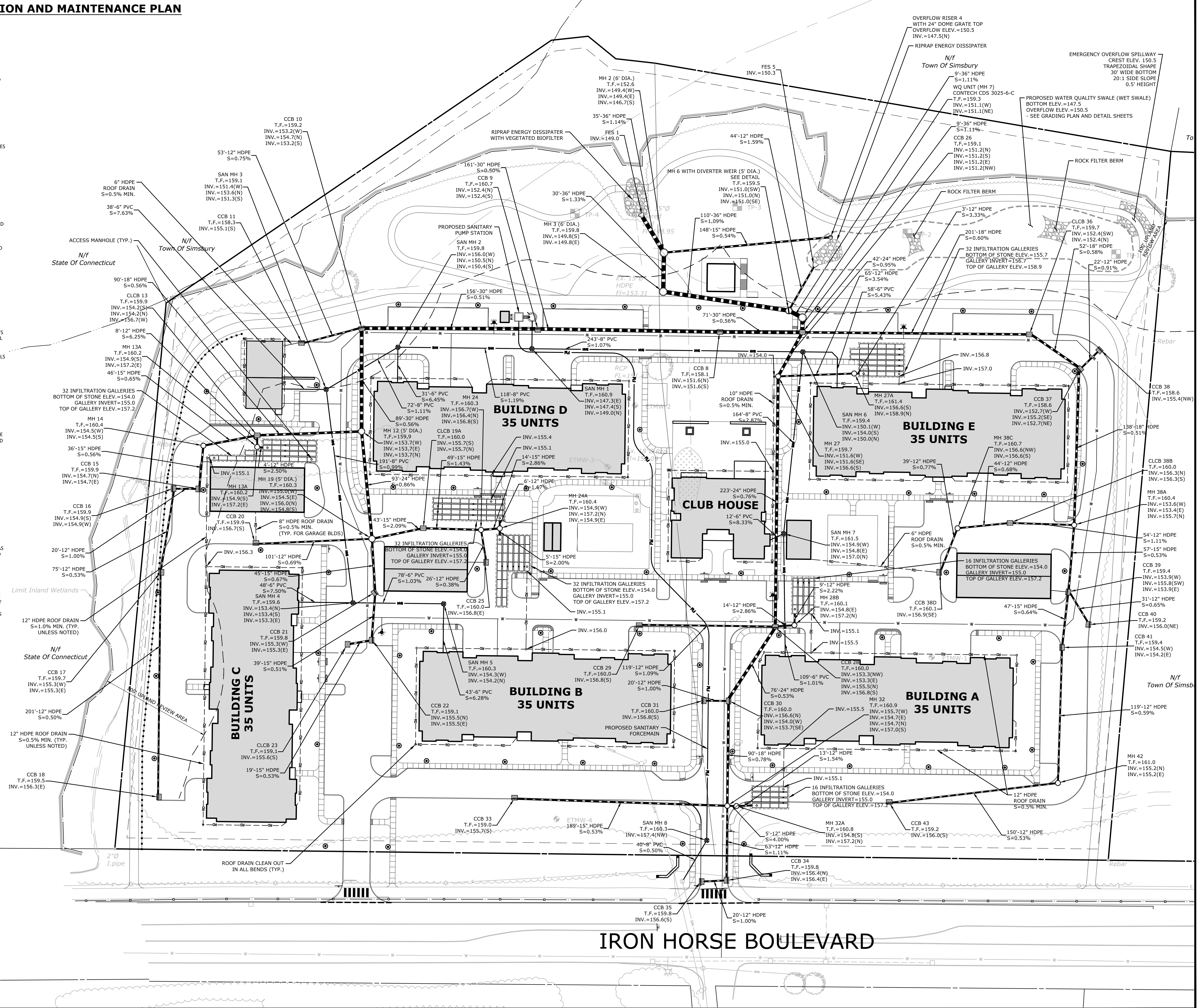
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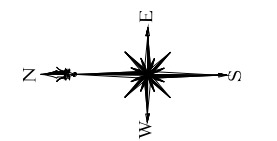
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IRON HORSE BOULEVARD

STORMWATER MANAGEMENT OPERATION AND MAINTENANCE PLAN

- RECOMMENDED FREQUENCY OF SERVICE:
AS FURTHER DEFINED BELOW, ALL STORMWATER COMPONENTS SHOULD BE CHECKED ON A PERIODIC BASIS AND KEPT IN FULL WORKING ORDER. ULTIMATELY, THE REQUIRED FREQUENCY OF INSPECTION AND SERVICE WILL DEPEND ON RUNOFF QUANTITIES, POLLUTANT LOADING, AND CLOGGING DUE TO DEBRIS. AT A MINIMUM, WE RECOMMEND THAT ALL STORMWATER COMPONENTS BE INSPECTED AND SERVICED TWICE PER YEAR, ONCE BEFORE WINTER BEGINS AND ONCE DURING SPRING CLEANUP.
- SERVICE PROCEDURES:
 - CATCH BASINS AND DRAINAGE INLETS SHALL BE COMPLETELY CLEANED OF ACCUMULATED DEBRIS AND SEDIMENTS AT THE COMPLETION OF CONSTRUCTION.
 - FOR THE FIRST YEAR, CATCH BASINS AND DRAINAGE INLETS SHALL BE INSPECTED ON A QUARTERLY BASIS.
 - ANY ACCUMULATED DEBRIS WITHIN THE CATCH BASINS/INLETS SHALL BE REMOVED AND ANY REPAIRS AS REQUIRED.
 - FROM THE SECOND YEAR ONWARD, VISUAL INSPECTIONS SHALL OCCUR TWICE PER YEAR, ONCE IN THE SPRING AND ONCE IN THE FALL, AFTER FALL CLEANUP OF LEAVES HAS OCCURRED.
 - ACCUMULATED DEBRIS WITHIN THE CATCH BASINS/INLETS SHALL BE REMOVED AND REPAIRS MADE AS REQUIRED.
 - ACCUMULATED SEDIMENTS SHALL BE REMOVED AT EACH TIME THEY ARE WITHIN 12 INCHES OF THE INVERT OF THE OUTLET PIPE.
 - ANY ADDITIONAL MAINTENANCE REQUIRED PER THE MANUFACTURER'S SPECIFICATIONS SHALL ALSO BE COMPLETED.
- STORM DRAINAGE PIPING AND MANHOLES:
 - ALL STORM DRAINAGE PIPING SHALL BE COMPLETELY FLUSHED OF DEBRIS AND ACCUMULATED SEDIMENT AT THE COMPLETION OF CONSTRUCTION.
 - MANHOLES SHALL BE INSPECTED AND REPAIRED ON AN ANNUAL BASIS.
 - UNLESS SYSTEM PERFORMANCE INDICATES DEGRADATION OF PIPING, COMPREHENSIVE VIDEO INSPECTION OF STORM DRAINAGE PIPING SHALL OCCUR EVERY TEN YEARS.
 - ANY ADDITIONAL MAINTENANCE REQUIRED PER THE MANUFACTURER'S SPECIFICATIONS SHALL ALSO BE COMPLETED.
- WATER QUALITY UNIT:
 - THE WATER QUALITY UNIT SHALL BE COMPLETELY CLEANED OF ACCUMULATED DEBRIS AND SEDIMENTS AT THE COMPLETION OF CONSTRUCTION.
 - FOR THE FIRST YEAR, THE HYDRODYNAMIC SEPARATOR SHALL BE INSPECTED ON A QUARTERLY BASIS.
 - ANY ACCUMULATED DEBRIS WITHIN THE HYDRODYNAMIC SEPARATOR SHALL BE REMOVED AND ANY REPAIRS MADE TO THE UNIT AS REQUIRED.
 - FROM THE SECOND YEAR ONWARD, VISUAL INSPECTION SHALL OCCUR TWICE PER YEAR, ONCE IN THE SPRING AND ONCE IN THE FALL, AFTER FALL CLEANUP OF LEAVES HAS OCCURRED.
 - ACCUMULATED DEBRIS WITHIN THE UNIT SHALL BE REMOVED AND REPAIRS MADE AS REQUIRED.
 - ACCUMULATED SEDIMENTS SHALL BE REMOVED AT WHICH TIME THEY ARE WITHIN 12 INCHES OF THE INVERT OF THE OUTLET PIPE.
 - ALL INLETS, OUTLETS AND COMPONENTS OF THE UNIT SHALL BE INSPECTED AND CLEARED OF DEBRIS. ANY REPAIRS SHALL BE PERFORMED.
 - ANY ADDITIONAL MAINTENANCE REQUIRED PER THE MANUFACTURER'S SPECIFICATIONS SHALL ALSO BE COMPLETED.
- DRAINAGE OUTFALLS/SPLASH PADS/SCOUR HOLES:
 - ALL OUTFALLS SHALL BE COMPLETELY CLEANED OF ACCUMULATED DEBRIS AND SEDIMENTS AT THE COMPLETION OF CONSTRUCTION. ANY REPAIRS TO OUTLET PROTECTION MATERIAL (RIP RAP) SHALL BE PERFORMED.
 - FOR THE FIRST YEAR, OUTFALLS SHALL BE INSPECTED ON A QUARTERLY BASIS.
 - ANY ACCUMULATED DEBRIS SHALL BE REMOVED AND ANY REPAIRS MADE TO THE OUTFALLS AS REQUIRED.
 - FROM THE SECOND YEAR ONWARD, VISUAL INSPECTIONS SHALL OCCUR TWICE PER YEAR, ONCE IN THE SPRING AND ONCE IN THE FALL, AFTER FALL CLEANUP OF LEAVES HAS OCCURRED.
 - ACCUMULATED DEBRIS SHALL BE REMOVED AND REPAIRS MADE AS REQUIRED.
 - ANY EROSION SHALL BE PROMPTLY REPAIRED AND THE CAUSE OF THE EROSION SHALL BE IDENTIFIED AND CORRECTED.
 - ANY ADDITIONAL MAINTENANCE REQUIRED PER THE MANUFACTURER'S SPECIFICATIONS SHALL ALSO BE COMPLETED.
- WATER QUALITY SWALE:
 - THE WATER QUALITY SWALE SHALL BE CLEANED OF DEBRIS AND SEDIMENTS UPON THE COMPLETION OF CONSTRUCTION.
 - THE WATER QUALITY SWALE SHALL BE VISUALLY INSPECTED ON A MONTHLY BASIS FOR THE FIRST 6 MONTHS. INSPECTIONS SHOULD FOLLOW TWICE PER YEAR (SPRING AND FALL) AND AFTER MAJOR STORM EVENTS TO ENSURE THAT THE STRUCTURE OPERATES IN THE MANNER AS ORIGINALLY INTENDED.
 - SEDIMENT BUILD UP SHOULD BE REMOVED FROM THE INITIAL SEDIMENT FOREBAY WHEN SEDIMENTS REACH 6 TO 8 INCHES IN DEPTH. SEDIMENTS SHOULD BE DISPOSED OF IN AN APPROPRIATE OFFSITE LOCATION.
 - THE WATER QUALITY SWALE SHOULD BE MOWED AT LEAST TWICE AN YEAR AND SHOULD NOT BE PERFORMED WHEN THE GROUND IS SOFT.
 - DEBRIS AND LITTER MAY ACCUMULATE NEAR THE DISCHARGE PIPE INTO THE SWALE AND FLARED END SECTION. THEY SHOULD BE REMOVED DURING THE REGULAR MOWING OPERATIONS.
 - THE VEGETATION ALONG THE SWALE BOTTOM AND SIDES SHALL BE INSPECTED FOR EROSION AND REPAIRED AS NECESSARY. A LOG OF SUCH INSPECTIONS MUST BE MAINTAINED BY THE OWNER.
 - ALL DEAD PLANTS SHALL BE REPLACED AND ANY NECESSARY PRUNING OF VEGETATION IDENTIFIED DURING INSPECTIONS SHALL BE COMPLETED.
- UNDERGROUND DETENTION SYSTEMS:
 - UNDERGROUND DETENTION SYSTEMS SHALL BE INSPECTED QUARTERLY AND SEDIMENT SHALL BE REMOVED AS NEEDED TO ENSURE PROPER FUNCTIONING OF STRUCTURES. AREAS OF DISTURBANCE THAT MAY BE AS A RESULT OF CLEANING SHALL BE SEEDED AND PLANTED IN ACCORDANCE WITH THE ORIGINAL PLANTING PLAN. THESE STRUCTURES WILL BE MAINTAINED YEARLY, OR MORE FREQUENTLY AS REQUIRED. WASTE MATERIAL WILL BE PROPERLY DISPOSED OF OFF-SITE.
 - ANY ADDITIONAL MAINTENANCE REQUIRED PER THE MANUFACTURER'S SPECIFICATIONS SHALL ALSO BE COMPLETED.
- TREE MAINTENANCE:
 - MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL ACCEPTANCE BY THE LANDSCAPE ARCHITECT AT THE END OF THE WARRANTY PERIOD. MAINTENANCE SHALL INCLUDE WATERING, MULCHING, TIGHTENING & REPLACING OF GUYS, REPLACEMENT OF SICK OR DEAD PLANTS, RESETTING PLANTS TO PROPER GRADE OR UPRIGHT (PLUMB) POSITION, RESTORATION OF SAUCERS, AND ALL OTHER CARE NEEDED FOR PROPER GROWTH OF THE PLANTS.
 - TREES THAT ARE REMOVED OR DIE MUST BE REPLACED WITHIN ONE YEAR WITH SIMILAR SPECIES AT THE OWNER'S COST.
 - SEE PLANTING NOTES ON LANDSCAPING PLAN.
- DISPOSAL OF DEBRIS AND SEDIMENT:
 - ALL DEBRIS AND SEDIMENT REMOVED FROM THE STORMWATER STRUCTURES AND WATER QUALITY SWALE SHALL BE DISPOSED OF LEGALLY. THERE SHALL BE NO DUMPING OF SILT OR DEBRIS INTO OR IN PROXIMITY TO ANY INLAND WETLANDS.
- MAINTENANCE RECORDS:
 - THE OWNERS MUST MAINTAIN ALL RECORDS (LOGS, INVOICES, REPORTS, DATA, ETC.) AND HAVE ALWAYS THEM READILY AVAILABLE FOR INSPECTION.







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PLANNING & ZONING SUBMISSION	DATE	BY	DESCRIPTION
	7/10/21	AWG	

SITE PLAN - UTILITIES

BARBER COVE

32 & 36 IRON HORSE BOULEVARD

SIMSBURY, CONNECTICUT

AWG DESIGNED	AWG DRAWN	TD CHECKED

SCALE: 1"=40'

DATE: MAY 28, 2021

PROJECT NO.: 17126.00001

SHEET NO.: 06 OF 12

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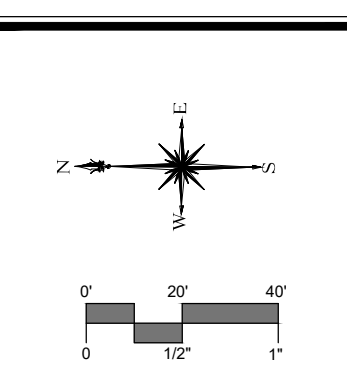
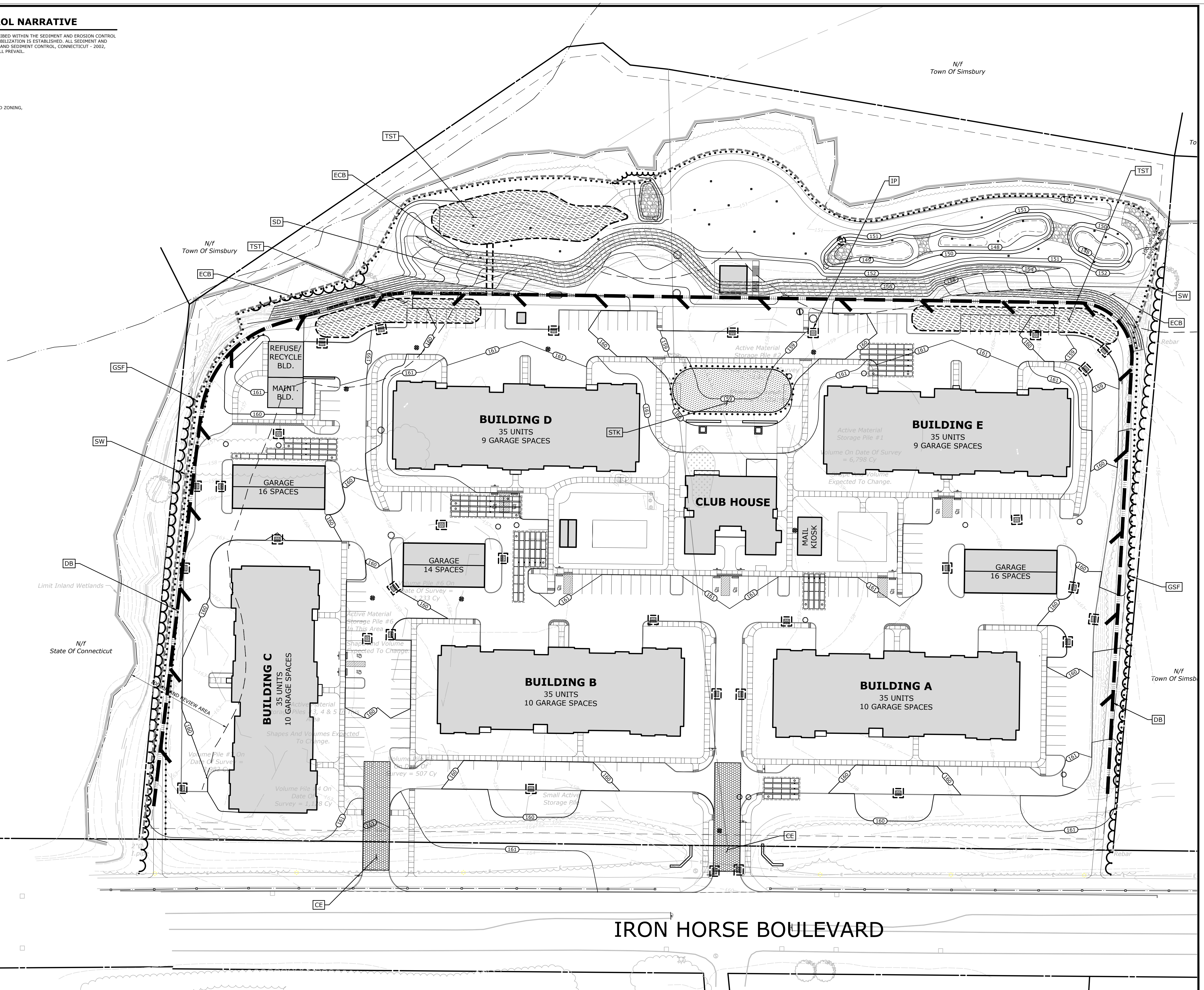
SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT - 2002, TOWN OF SIMSBURY STANDARDS, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.

- PURPOSE AND DESCRIPTION OF PROJECT**
 A.) CONSTRUCTION OF A PROPOSED RESIDENTIAL DEVELOPMENT.
 B.) DISTURBED AREA: ± XX AC.
- IDENTIFICATION OF EROSION AND SEDIMENT CONTROL CONCERNS**
 A.) CUTS AND FILLS ASSOCIATED WITH CONSTRUCTION.
 B.) PROTECTION OF ON-SITE WETLANDS.
- IDENTIFICATION OF OTHER POSSIBLE PERMITS**
 THE PERMITS REQUIRED FOR THE PROJECT ARE LOCAL INLAND WETLANDS, PLANNING AND ZONING, AND DEPARTMENT OF ENVIRONMENT PROTECTION STORMWATER GENERAL PERMIT.
- RESPONSIBLE PARTY**
 TBD

EROSION CONTROL LEGEND

- CE CONSTRUCTION ENTRANCE
- SSF SEDIMENT FILTER FENCE
- SW STRAW WATTLES
- STK TEMPORARY SOIL STOCKPILE SURROUNDED WITH SEDIMENT FILTER FENCE.
- IP INLET PROTECTION
- DB TEMPORARY DIVERSION BERM WITH STONE CHECK DAMS 75' O.C.
- TST TEMPORARY SEDIMENT TRAP
- ECB EROSION CONTROL BLANKET OR APPROVED EQUAL
- SD SLOPE DRAIN



DESCRIPTION	DATE	BY
PLANNING & ZONING SUBMISSION	7/11/21	AWG

SEDIMENT AND EROSION CONTROL PLAN
BARBER COVE
 32 & 36 IRON HORSE BOULEVARD
 SIMSBURY, CONNECTICUT

AWG DESIGNED	AWG DRAWN	TD CHECKED

SCALE: 1"=40'
 DATE: MAY 28, 2021
 PROJECT NO.: 17126.00001
 SHEET NO.: 07 OF 12

SE-1

SEDIMENT AND EROSION CONTROL SPECIFICATIONS

GENERAL:

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION. AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT. IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON THE SITE.

LAND GRADING

GENERAL:

- THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:
 - THE CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
 - THE PERMANENT EXPOSED FACES OF FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
 - THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO FOUR VERTICAL (1:4).
 - PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
 - EXCAVATIONS SHOULD NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING, OR CRACKING.
 - NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATERBODIES.
 - PRIOR TO ANY REGRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE WORK AREA TO PREVENT GRADE IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

TOPSOILING

GENERAL:

- TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.
- UPON ATTAINING FINAL SUBGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.
- REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.
- APPLY SOIL AMENDMENTS AS FOLLOWS:
 - LIME: ACCORDING TO SOIL TEST OR AT THE RATE OF 2 TONS PER ACRE.

MATERIAL:

- TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
- TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
- TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF LARGE STONES, LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, NUTGRASS, AND QUACKGRASS.
- AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL.
- SOLUBLE SALT CONTENT OF LESS THAN 400 PPM IS REQUIRED.
- THE TOPSOIL SHALL BE WARRANTED BY SELLER TO BE FREE OF DETECTABLE RESIDUES OF CHEMICAL PESTICIDES, HERBICIDES, PETROLEUM PRODUCTS, OR OTHER UNSUITABLE TOXINS.

APPLICATION:

- AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.
- SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST FOUR INCHES (4"), OR TO THE DEPTH SHOWN ON THE LANDSCAPING PLANS.

TEMPORARY VEGETATIVE COVER

TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCE SEDIMENT. AREAS WHERE FINAL GRADING HAS BEEN COMPLETED, AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS LESS THAN 12 MONTHS. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEEDED BY SEPTEMBER 1.

GENERAL:

- INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- APPLY SOIL AMENDMENTS AS FOLLOWS:
 - LIME: ACCORDING TO SOIL TEST OR AT THE RATE OF 1 TONS PER ACRE
 - ROCK DUST: ACCORDING TO SOIL TEST OR AT THE RATE OF 1 TONS PER ACRE
- UNLESS HYDROSEED, WORK IN LIME TO A DEPTH OF 4 INCHES WITH A DISK OR ANY SUITABLE EQUIPMENT. DO NOT WORK FINISHED COMPOST INTO THE SOIL - APPLY IT EVENLY TO SOIL SURFACE AS A SEED BED.
- TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.

SITE PREPARATION:

- SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING).
- APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- UNLESS HYDROSEED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.
- MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW.) APPLY STRAW AND ANCHOR TO SLOPES GREATER THAN 3% OR WHERE NEEDED.

PERMANENT VEGETATIVE COVER

GENERAL:

PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF, AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED.

SITE PREPARATION:

- INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
- REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
- PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
- APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.
- APPLY SOIL AMENDMENTS AS FOLLOWS:
 - LIME: ACCORDING TO SOIL TEST OR AT THE RATE OF 1 TONS PER ACRE.
 - ROCK DUST: ACCORDING TO SOIL TEST OR AT THE RATE OF 1 TONS PER ACRE
- UNLESS HYDROSEED, WORK IN LIME TO A DEPTH OF 4 INCHES WITH A DISK OR ANY SUITABLE EQUIPMENT. DO NOT WORK FINISHED COMPOST

VEGETATED COVER SELECTION AND MULCHING

TEMPORARY VEGETATIVE COVER:

PERENNIAL RYEGRASS 5 LBS./1,000 SQ.FT. (LOLIUM PERENNE)
 DUTCH WHITE CLOVER (TRIFOLIUM REPENS) 1/4 LBS PER 1000 SF. OR 6LBS/AC.

*** PERMANENT VEGETATIVE COVER:**

DUTCH WHITE CLOVER 30%
 BARON KENTUCKY BLUEGRASS 30%
 JAMESTOWN II CHEWINGS FESCUE 20%
 PALMER PERENNIAL RYEGRASS 20%

*** LOFTS - TRIPLEX GENERAL MIX OR APPROVED EQUAL. RECOMMENDED RATE/TIME SEEDING.**

SPRING SEEDING: 4/1 to 5/31
 FALL SEEDING: 8/16 to 10/15

TEMPORARY MULCHING:

STRAY 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS) WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

ESTABLISHMENT:

- SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
- SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND SEED SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).
- APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
- COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).
- MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
- USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.
- USE SOIL WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

MAINTENANCE:

- TEST FOR SOIL ACIDITY EVERY THREE (3) YEARS AND LIME AS REQUIRED.

EROSION CHECKS

GENERAL:

- TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

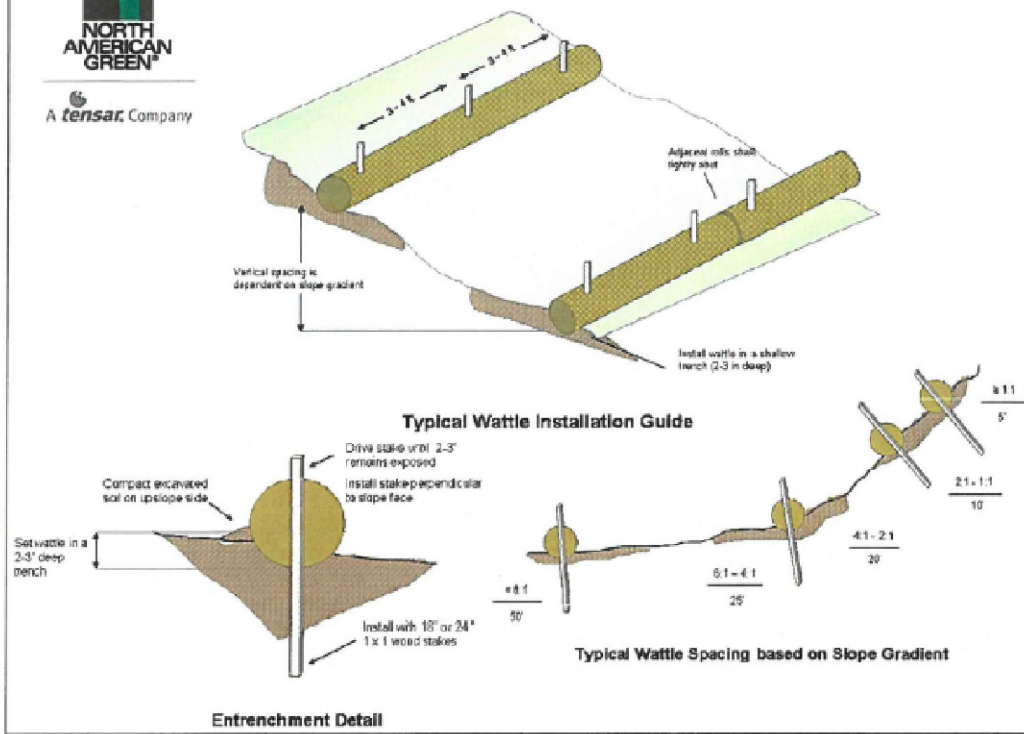
CONSTRUCTION:

- BALES SHOULD BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4") INCHES.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEMENT BARS DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- GEOTEXTILE FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT (3') HIGH FENCE AND BURIED A MINIMUM OF FOUR INCHES (4") TO THE SOIL. SEAMS BETWEEN SECTIONS OF FILTER FABRIC SHALL OVERLAP A MINIMUM OF TWO FEET (2').

INSTALLATION AND MAINTENANCE:

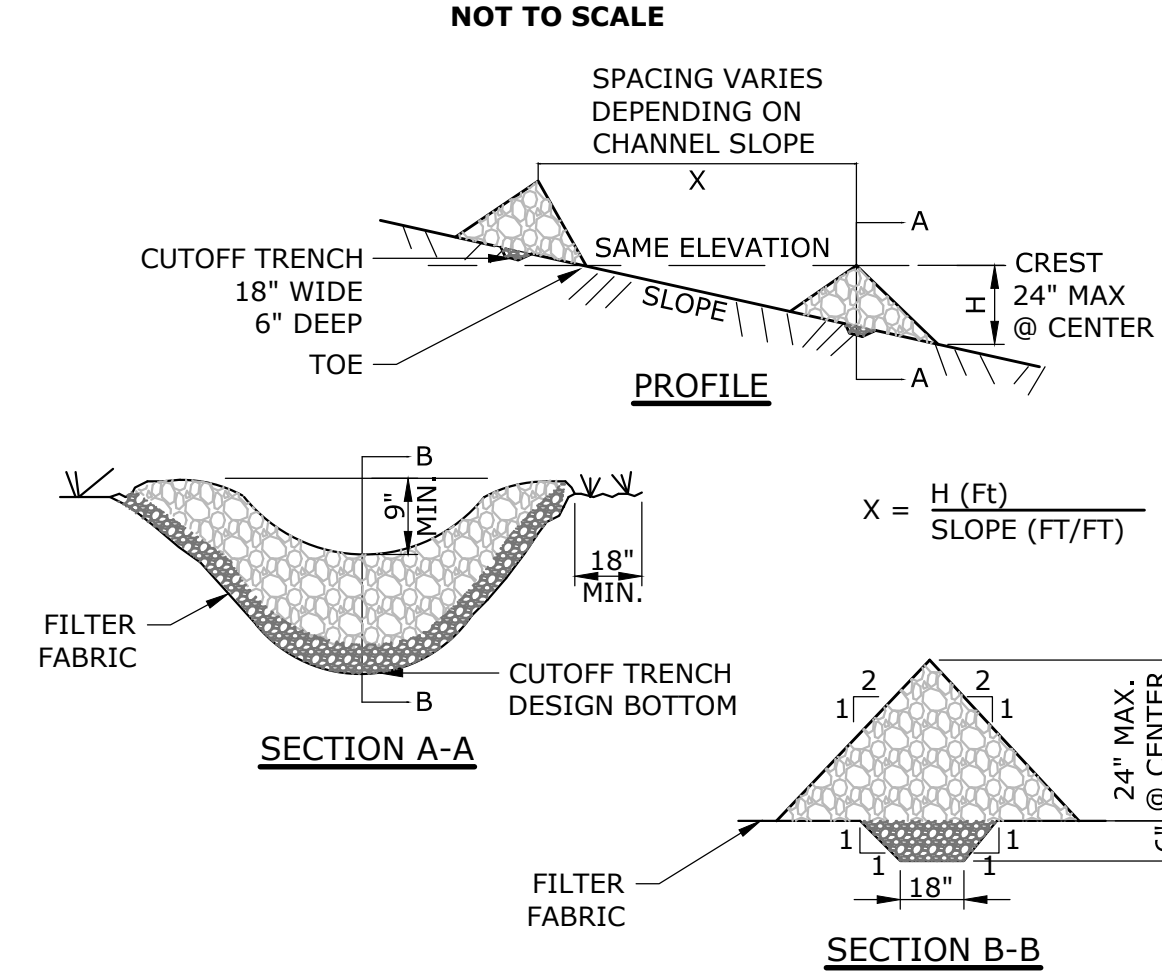
- BALED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
- BALED HAY EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT THE LOCATION INDICATED ON THE PLAN AND IN ADDITIONAL AREAS AS MAY BE DETERMINED APPROPRIATE DURING CONSTRUCTION.
- ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
- INSPECTION SHALL BE FREQUENT (AT MINIMUM MONTHLY AND BEFORE AND AFTER HEAVY RAIN) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.

Straw Wattle Installation Guide



- BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 3" (8-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCESSIVE SOIL SHOULD BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
 - 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 UP-SLOPE SIDE. ADJACENT WATTLES SHOULD TIGHTLY ADJUT.
 - SECURE THE WATTLE WITH 1" (2.5 CM) STAKES EVERY 3-4 (9.3 - 13.3) CM AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 3/4" (1.9 CM) OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.
- North American Green Straw Wattles are a Best Management Practice (BMP) that offers an effective and economical alternative to silt fences and straw bales for sediment control and storm water runoff.
- Qualifiers are provided to assist in design, installation, and structure spacing. The guidelines may require modification due to variation in soil type, rainfall intensity or duration, and amount of runoff affecting the application site.
- To ensure sediment containment with the Straw Wattle, place the initial structure at the top of the slope if significant runoff is expected from above. If no runoff from above is expected, the initial Straw Wattle can be installed at the appropriate distance downhill from the top of the slope. The final structure should be installed at the toe of the slope. Wattles should be installed perpendicular to the primary direction of overland flow.
- Straw Wattles are a temporary sediment control device and are not intended to replace riprap inlet erosion control products (IECCP) or hydraulic erosion control products (HECCP). If vegetation is desired for permanent erosion control, North American Green recommends that IECCP or HECCP be used to provide effective immediate erosion control until vegetation is established. Straw Wattles may be used in conjunction with silt fences, mulch, and mulches as supplemental erosion and runoff control for these applications. Like all sediment control devices, the effectiveness of the Straw Wattle is dependent on proper installation.
- For additional installation assistance, please contact North American Green's Technical Services Department at 1-800-772-2040
 14649 Highway 41 North, Evansville, Indiana 47725
 1-800-772-2040 www.nagreen.com Rev. 1/2008

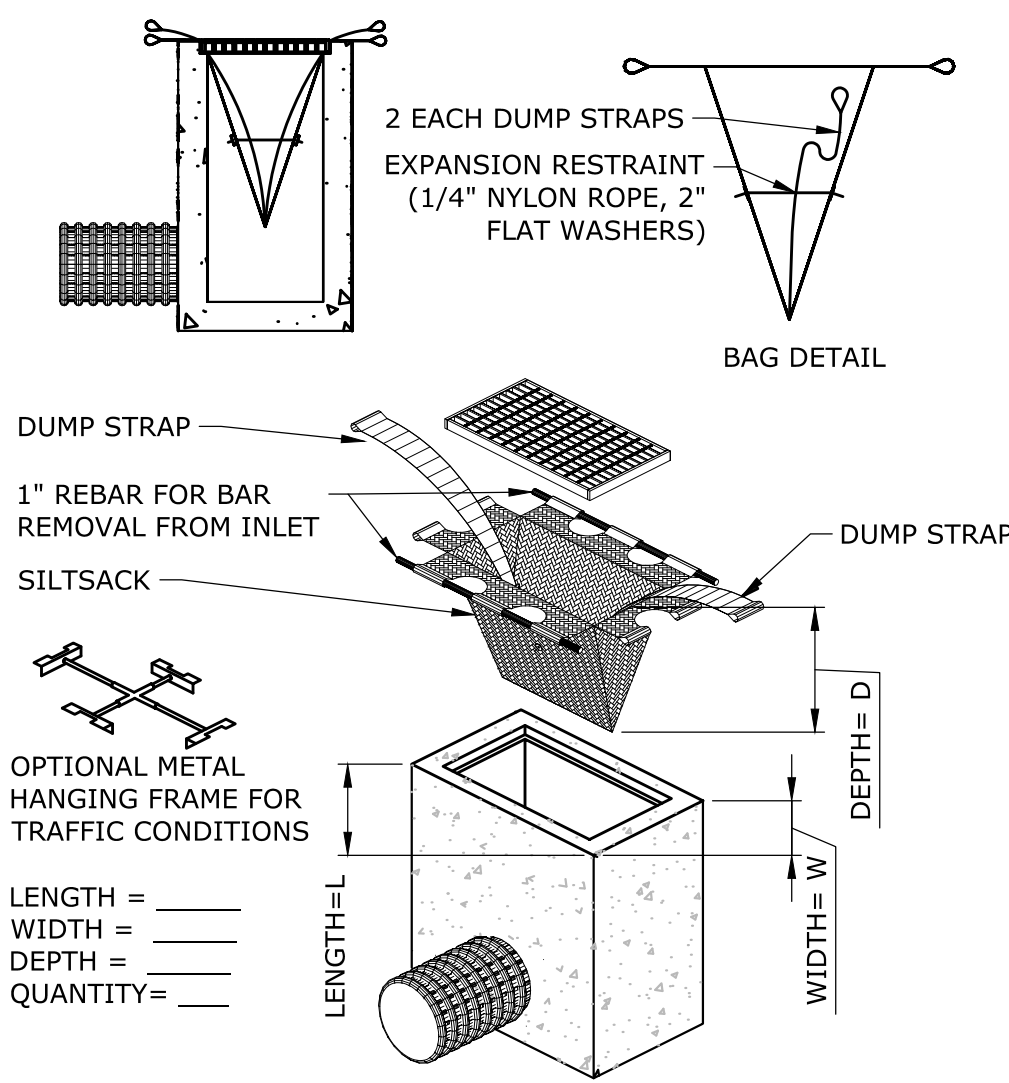
STRAW WATTLE (SW) NOT TO SCALE



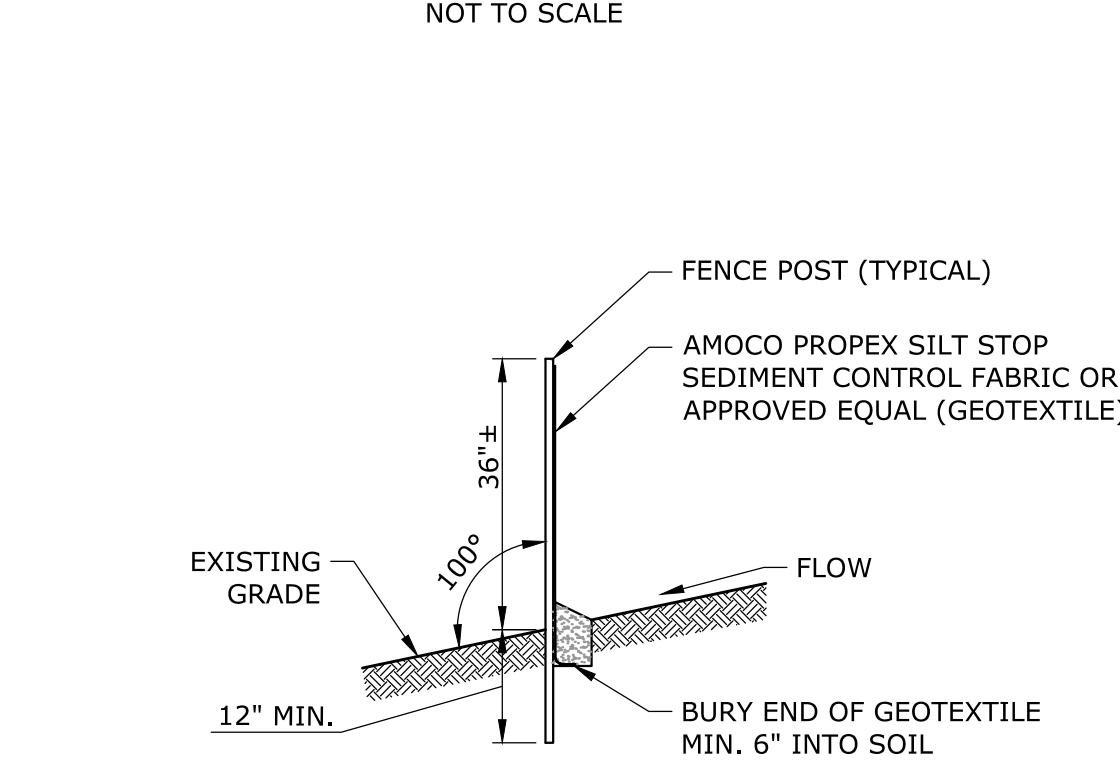
NOTES:

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

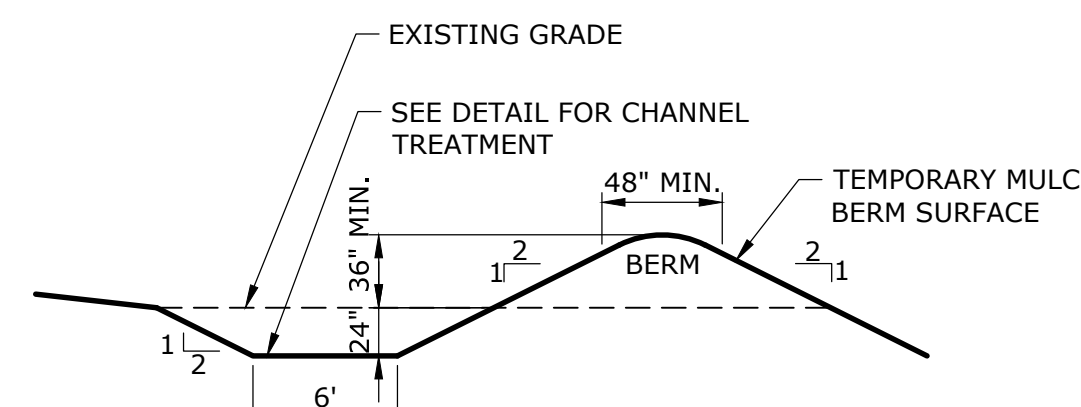
CHECK DAM NOT TO SCALE



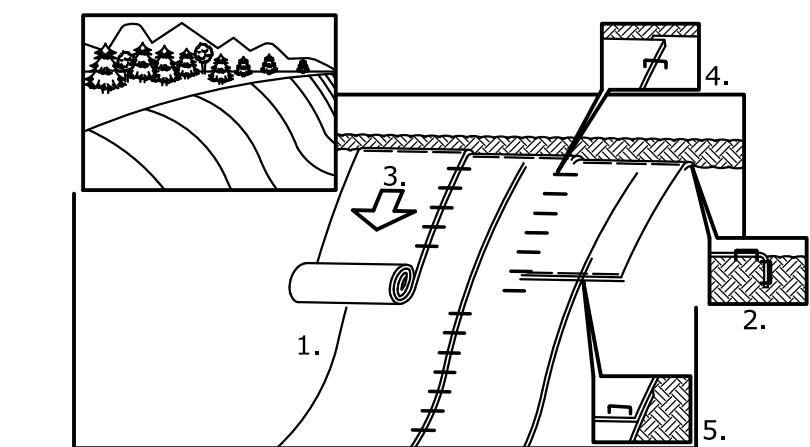
INLET SEDIMENT CONTROL DEVICE NOT TO SCALE



SEDIMENT FILTER FENCE NOT TO SCALE



TEMPORARY DIVERSION BERM AND SWALE NOT TO SCALE

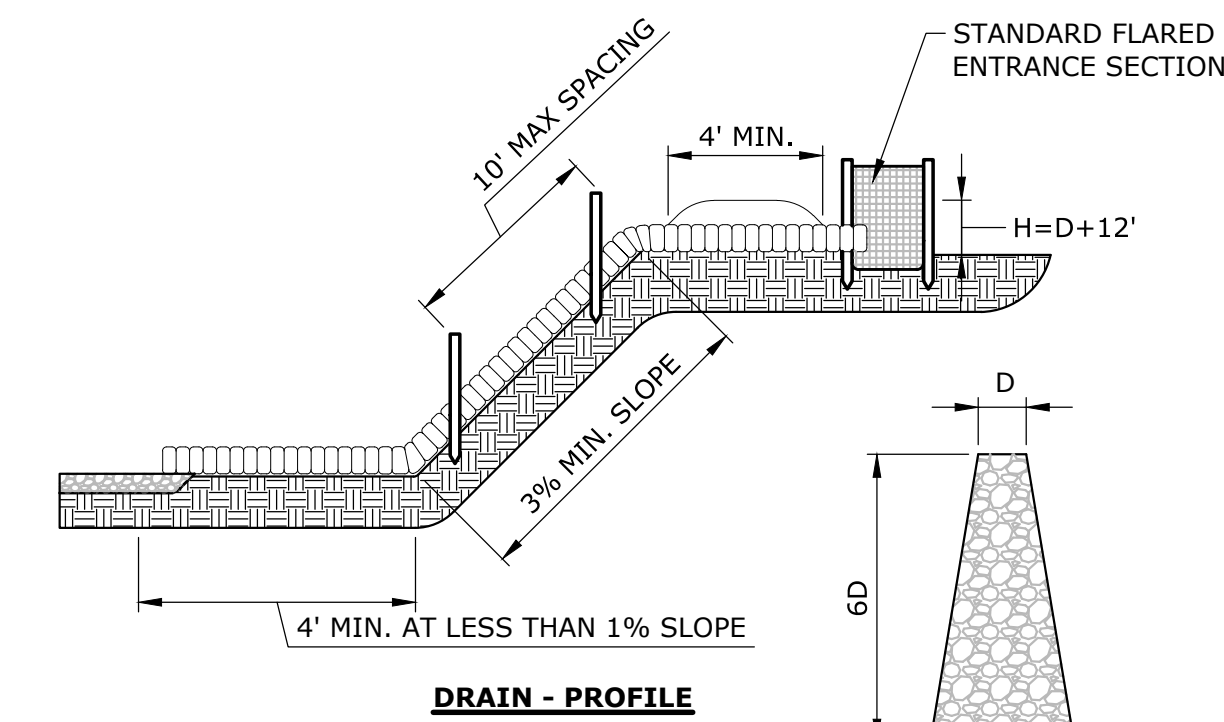


NOTES:

- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING SCC225, DO NOT SEED PREPARED AREA. SCC225 MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- ROLL THE BLANKETS DOWN THE SLOPE IN THE DIRECTION OF THE WATER FLOW.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
- WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAP AREA, APPROXIMATELY 12" APART.

REFER TO GENERAL STAPLE PATTERN GUIDE IN NORTH AMERICAN GREEN CATALOG FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

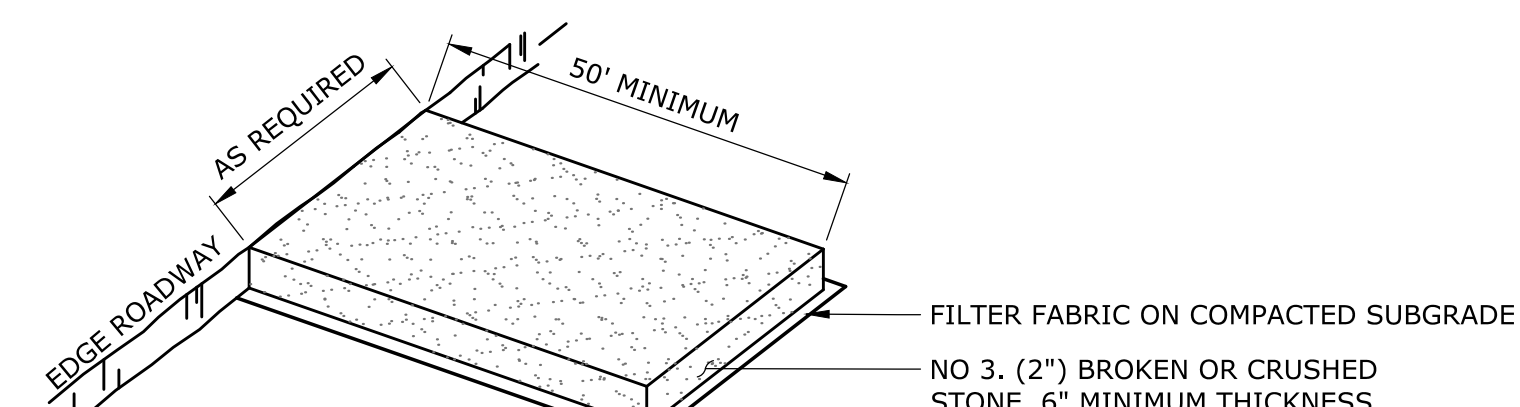
APPLICATION OF EROSION CONTROL BLANKET ON SLOPES NOT TO SCALE



NOTES:

- THE PIPE SLOPE DRAIN SHALL HAVE A SLOPE OF 3% OR STEEPER.
- TOP OF THE EARTH ODE OVER THE INLET PIPE AND ALL ODES CARRYING WATER TO THE PIPE SHALL BE AT LEAST 1 FOOT HIGHER THAN THE TOP OF THE PIPE.
- ADD 0.3 FOOT TO ODE HEIGHT FOR SETTLEMENT.
- SOIL AROUND AND UNDER THE SLOPE PIPE SHALL BE HAND TAMPED IN 4-INCH LIFTS.
- THE PIPE SHALL BE PLASTIC OR GALVANIZED METAL PIPE WITH WATER TIGHT 12-INCH WIDE CONNECTING BANDS OR FLANGE CONNECTIONS.
- PIPE ANCHORS TO BE PLACED AT 10-FOOT MAXIMUM SPACING.
- RIPRAP TO BE 6 INCHES IN A LAYER AT LEAST 12 INCHES THICKNESS AND PRESSED INTO THE SOIL.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

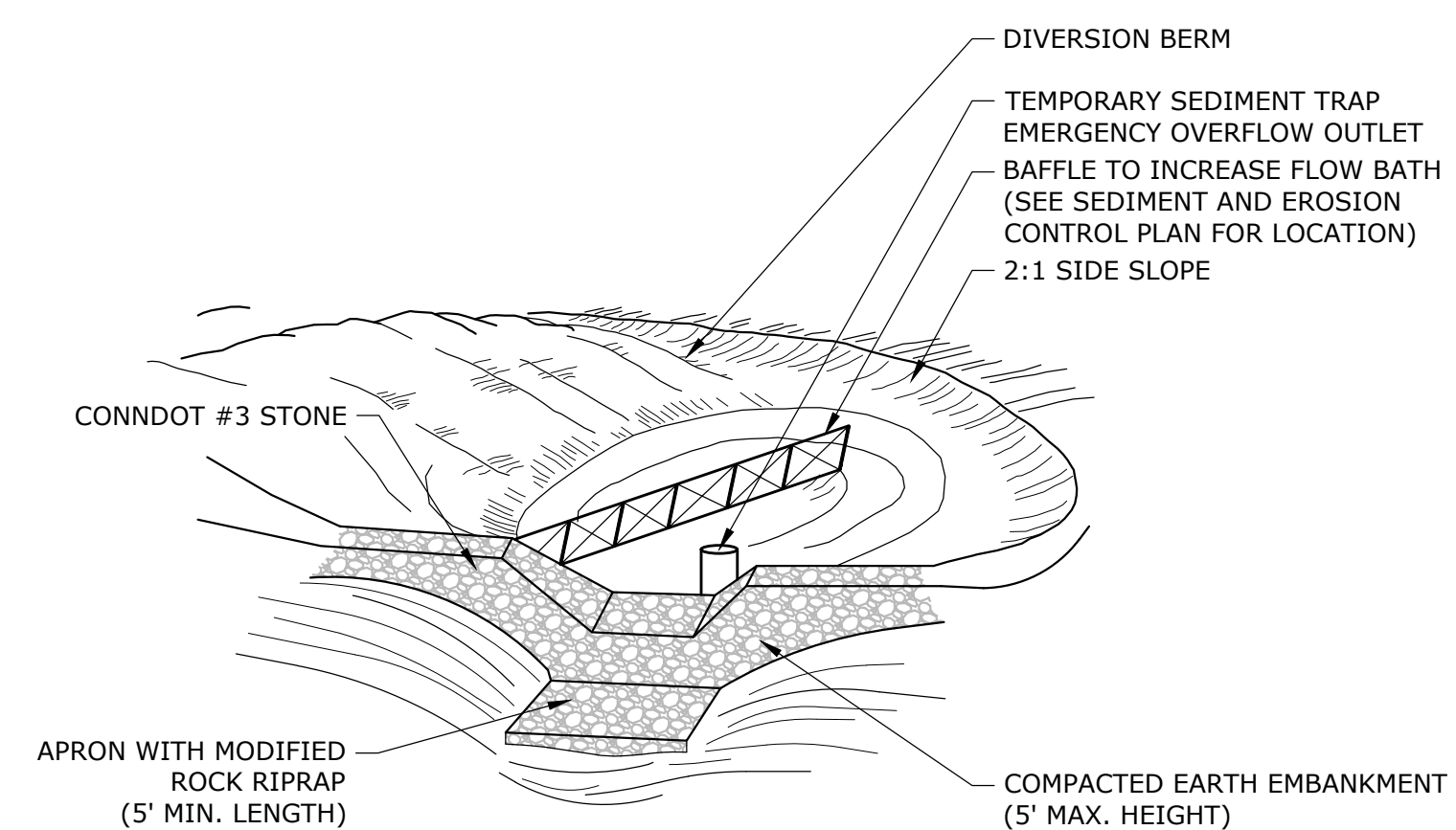
TEMPORARY PIPE SLOPE DRAIN NOT TO SCALE



NOTES:

- CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH GENERATE VEHICULAR TRACKING OF MUD.

CONSTRUCTION ENTRANCE PAD NOT TO SCALE



NOTES:

- REFER TO SEDIMENT & EROSION CONTROL PLAN FOR APPROXIMATE DIMENSIONS AND REQUIRED VOLUME.

TEMPORARY SEDIMENT TRAP NOT TO SCALE

EROSION CONTROL MAINTENANCE INTERVALS				
EROSION CONTROL MEASURE	CONTROL OBJECTIVE	INSPECTION/MAINTENANCE	FAILURE INDICATORS	REMOVAL
SILT FENCE (SF) HAYBALE (HB) STRAW WATTLE (SW) (RELATED: IP, STK)	- INTERCEPT, AND REDIRECT/DETAIN SMALL AMOUNTS OF SEDIMENT FROM SMALL DISTURBED AREAS. - DECREASE VELOCITY OF SHEET FLOW. - PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE WATER FLOW.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE ITS DEPTH IS EQUAL TO 1/2 THE TRENCH HEIGHT. INSPECT FREQUENTLY DURING PUMPING OPERATIONS IF USED FOR DEWATERING OPERATIONS.	- PHYSICAL DAMAGE OR DECOMPOSITION - EVIDENCE OF OVERTOPPED OR UNDERCUT FENCE - EVIDENCE OF SIGNIFICANT FLOWS EVADING CAPTURE - REPETITIVE FAILURE	SILT FENCE MAY BE REMOVED AFTER UPHILL AND SENSITIVE AREAS HAVE BEEN PERMANENTLY STABILIZED.
CONSTRUCTION ENTRANCE (CE)	- REDUCE THE TRACKING OF SEDIMENT OFF-SITE ONTO PAVED SURFACES.	INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC ADDITION OF STONE, OR LENGTHENING OF ENTRANCE MAY BE REQUIRED AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES AS A RESULT OF INEFFICIENCY OF CONSTRUCTION ENTRANCE SHALL BE IMMEDIATELY REMOVED.	- SEDIMENT IN ROADWAY ADJACENT TO SITE	CONSTRUCTION ENTRANCE MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL OTHER SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
INLET PROTECTION (IP)	- PROHIBIT SILT IN CONSTRUCTION-RELATED RUNOFF FROM ENTERING STORM DRAINAGE SYSTEM.	INSPECT AFTER ANY RAIN EVENT. IF FILTER BAG INSIDE CATCH BASIN CONTAINS MORE THAN 6" OF SEDIMENT, REMOVE SEDIMENT FROM BAG. CHECK SURROUNDING SILT FENCE AND HAY BALES PER NOTE ABOVE.	- RIPPED BAG - FAILED HAY BALES / SILT FENCE - SIGNIFICANT SILT PRESENCE IN STORM DRAINAGE SYSTEM OUTFLOW.	INLET PROTECTION MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
STOCKPILE PROTECTION (STK)	- RETAIN SOIL STOCKPILE IN LOCATIONS SPECIFIED, AND REDUCE WATER-TRANSPORT.	INSPECT SILT FENCE AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC REINFORCEMENT OF SILT FENCE, OR ADDITION OF HAY BALES MAY BE NECESSARY.	- EVIDENCE OF STOCK PILE DIMINISHING DUE TO RAIN EVENTS - FAILURE OF SILT FENCE	STOCKPILE PROTECTION MAY BE REMOVED ONCE THE STOCKPILE IS USED OR REMOVED.
TEMPORARY SEDIMENT TRAP (TST)	- DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL DISTURBED AREAS LONG ENOUGH TO ALLOW A MAJORITY OF THE SEDIMENT TO SETTLE OUT.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. STONE OUTLET SHOULD BE AT LEAST 1 FOOT BELOW CREST OF EMBANKMENT. SEDIMENT MUST BE REMOVED WHEN ACCUMULATION REACHES 1/2 OF THE REQUIRED NET STORAGE.	- TURBID WATER - EXCESSIVE SEDIMENT ACCUMULATION - OVERTOPPING EVIDENCE	TEST MAY BE REMOVED ONCE THE CONTRIBUTING DRAINAGE AREA IS PERMANENTLY STABILIZED.
TEMPORARY DIVERSION BERM/SWALE (DB)	- MINIMIZE VELOCITY AND CONCENTRATION OF SHEET FLOW ACROSS CONSTRUCTION SITE TO A SEDIMENT TRAPPING FACILITY. - DIVERT WATER ORIGINATING FROM UNDISTURBED AREA AWAY FROM CONSTRUCTION.	WHEN LOCATED WITHIN CLOSE PROXIMITY TO ONGOING CONSTRUCTION ACTIVITIES, INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. OTHERWISE INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. REPAIR THE TEMPORARY MEASURE AND ANY OTHER ASSOCIATED MEASURES WITHIN 24 HOURS.	- PHYSICAL DAMAGE - EXCESSIVE SCOURING/EROSION - REPETITIVE FAILURE	TEMPORARY DIVERSIONS MAY BE REMOVED ONCE CONSTRUCTION HAS CEASED AND THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.



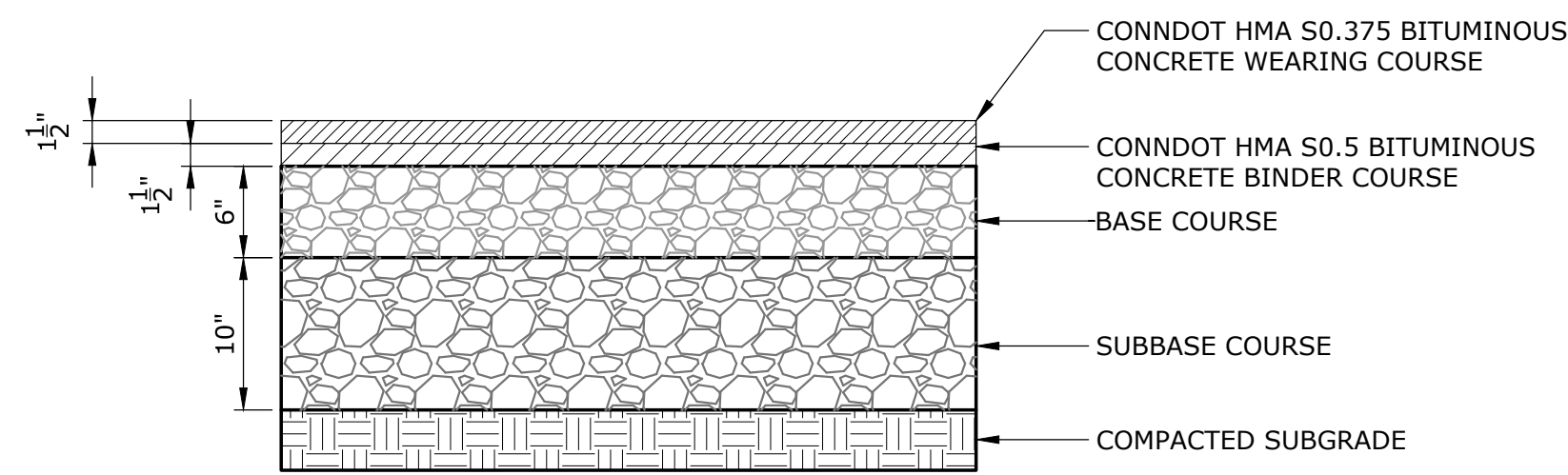
DESCRIPTION	DATE	BY
PLANNING & ZONING SUBMISSION	7/10/21	AWG

SEDIMENT AND EROSION CONTROL DETAILS AND SPECIFICATIONS
 BARBER COVE
 32 & 36 IRON HORSE BOULEVARD
 SIMSBURY, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

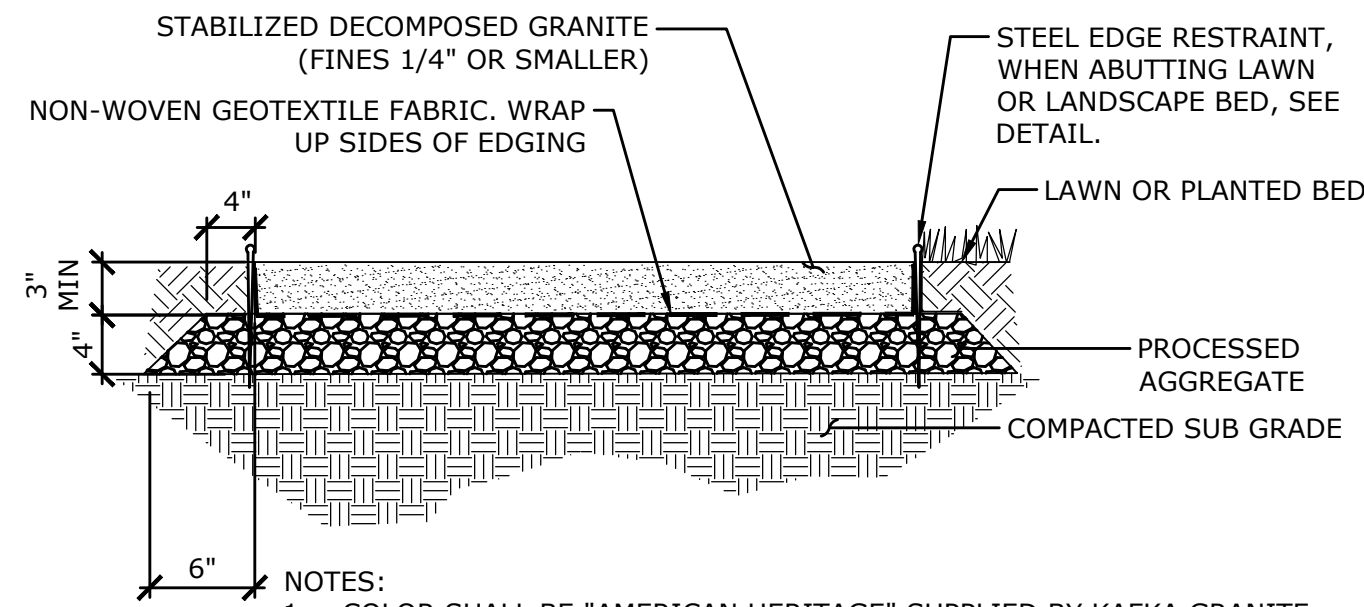
SCALE: AS NOTED
 DATE: MAY 28, 2021
 PROJECT NO.: 17126.00001
 SHEET NO.: 08 OF 12

SE-2



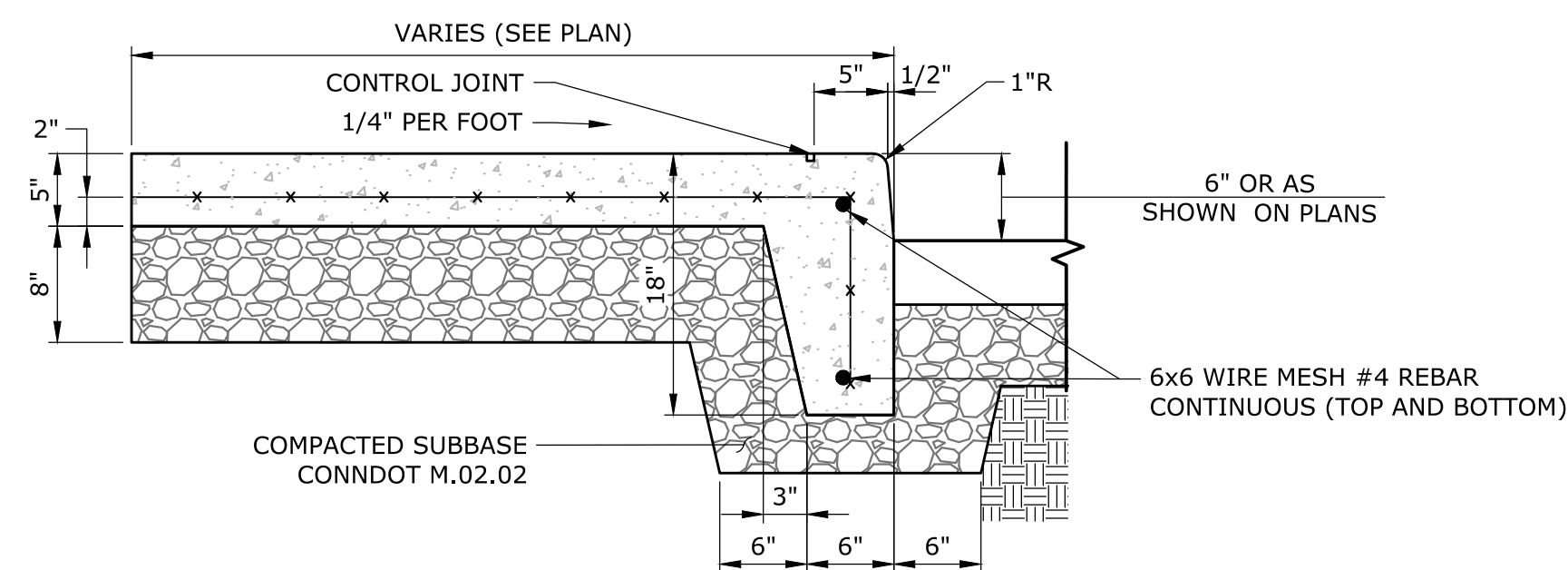
NOTE:
1. DEPTH OF BASE & SUB BASE MATERIALS AS PER GEOTECHNICAL REPORT

STANDARD DUTY BITUMINOUS CONCRETE
NOT TO SCALE



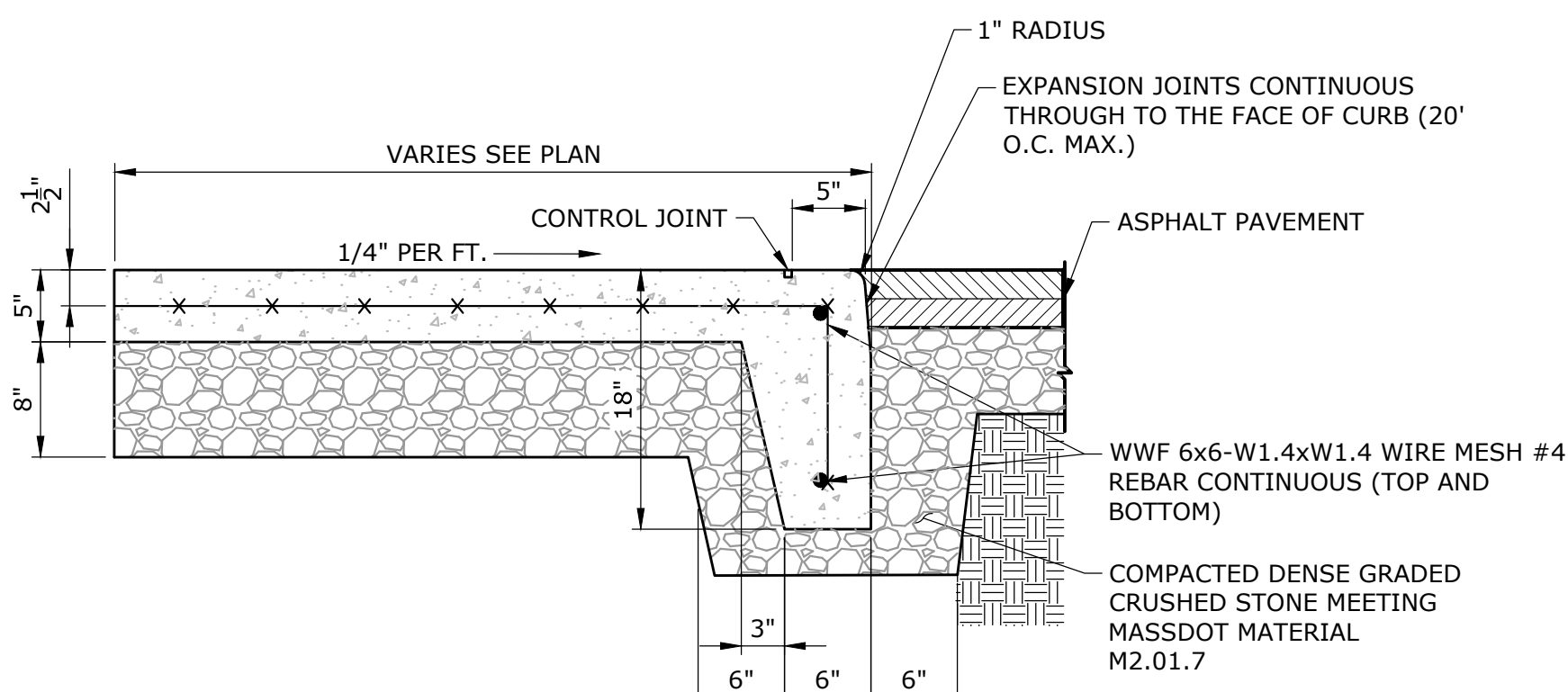
NOTES:
1. COLOR SHALL BE "AMERICAN HERITAGE" SUPPLIED BY KAFKA GRANITE, LLC. OF 550 EAST HIGHWAY 153 MOSINEE, WI 54455. 1(800) 852-7415
2. PROVIDE PRODUCT SAMPLE FOR APPROVAL BY LANDSCAPE ARCHITECT

STABILIZED DECOMPOSED GRANITE (STONE DUST TRAIL)
NOT TO SCALE



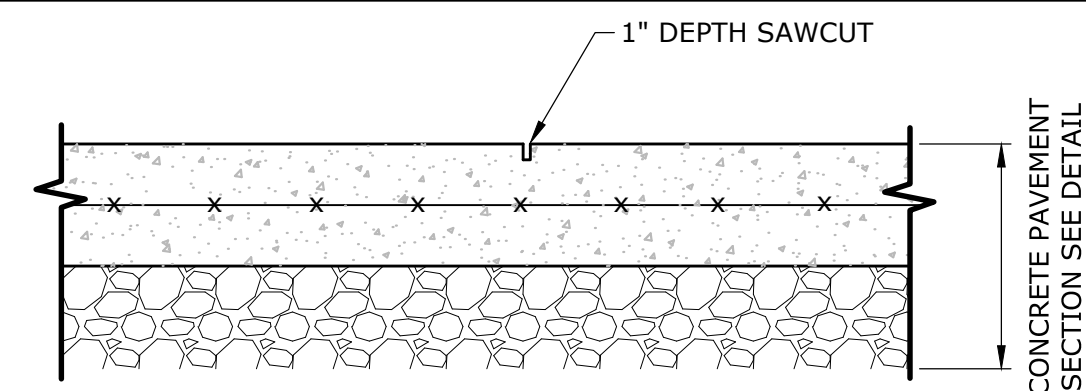
NOTES:
1. CONCRETE TO MEET CONNDOT MATERIAL M.03.02 PCC05562. 1/2" EXPANSION JOINT AT INTERVALS NOT TO EXCEED 20'. EXPANSION JOINT TO RUN TO THE FACE OF CURB.
2. TO BE USED IN ALL LOCATIONS WHERE PROPOSED CONCRETE WALKS ABUT PROPOSED CONCRETE CURB.

INTEGRAL CONCRETE SIDEWALK CURB
NOT TO SCALE



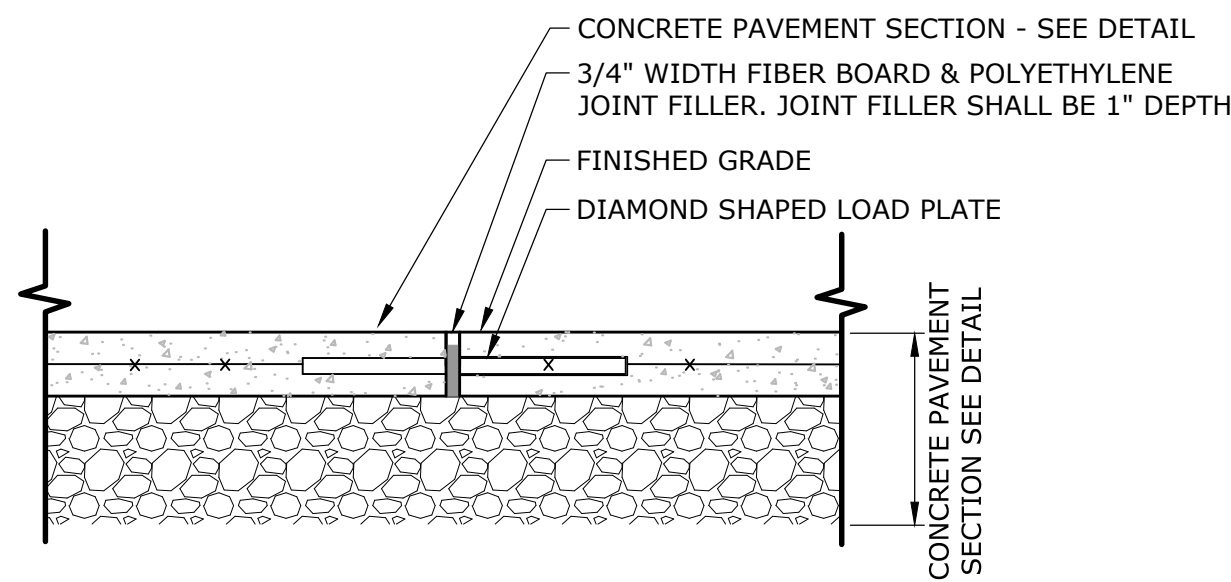
NOTES:
1. CONCRETE TO BE 4000 PSI WITH 5%-7% AIR ENTRAINMENT AT 28 DAYS. 3/4" EXPANSION JOINT AT INTERVALS NOT TO EXCEED 20'. EXPANSION JOINT TO RUN TO THE FACE OF CURB.
2. EXPANSION JOINT AT INTERVALS NOT TO EXCEED 20'. EXPANSION JOINT TO RUN TO THE FACE OF CURB.
3. TO BE USED IN ALL LOCATIONS WHERE CONCRETE SIDEWALK ABUTS ASPHALT.

FLUSH INTEGRAL CONCRETE WALK & CURB
NOT TO SCALE



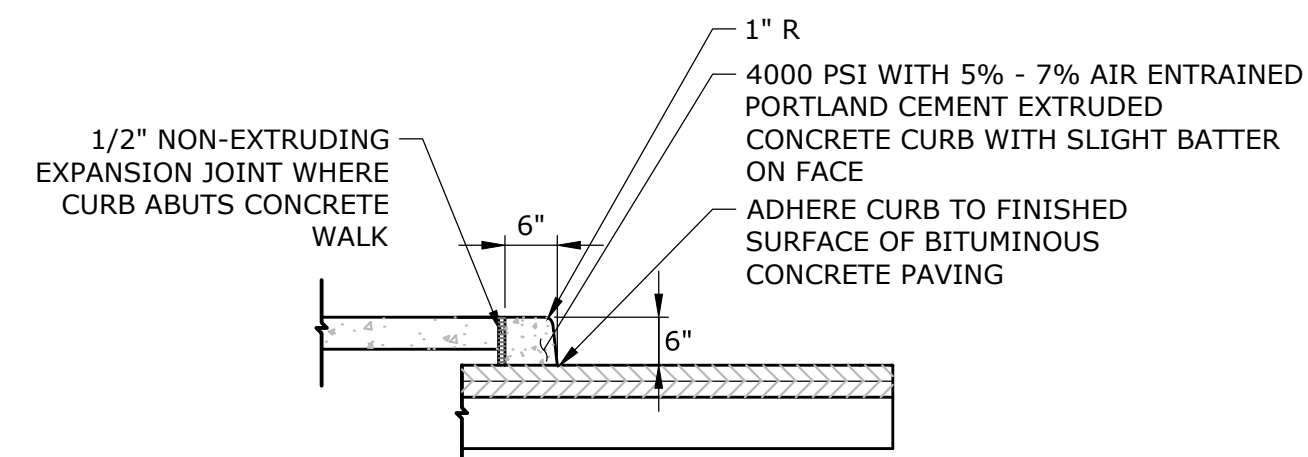
NOTES:
1. PROVIDE PREFORMED EXPANSION JOINT AT ALL EXPANSION CONTROL JOINT, SAWCUT, AND OTHER LOCATIONS WHERE CONCRETE ABUTS EXISTING CONCRETE.

SCORE JOINT - SAWCUT
NOT TO SCALE

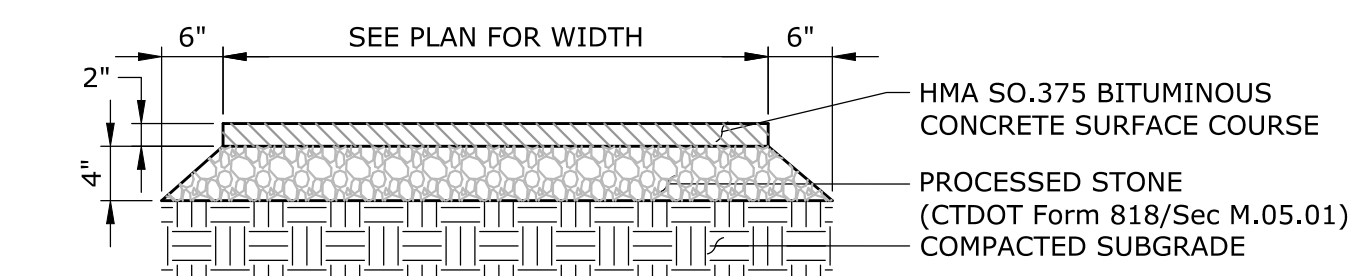


NOTES:
1. PROVIDE PREFORMED EXPANSION JOINT AT ALL CONSTRUCTION JOINT, SAWCUT, AND OTHER LOCATIONS WHERE CONCRETE ABUTS EXISTING CONCRETE.

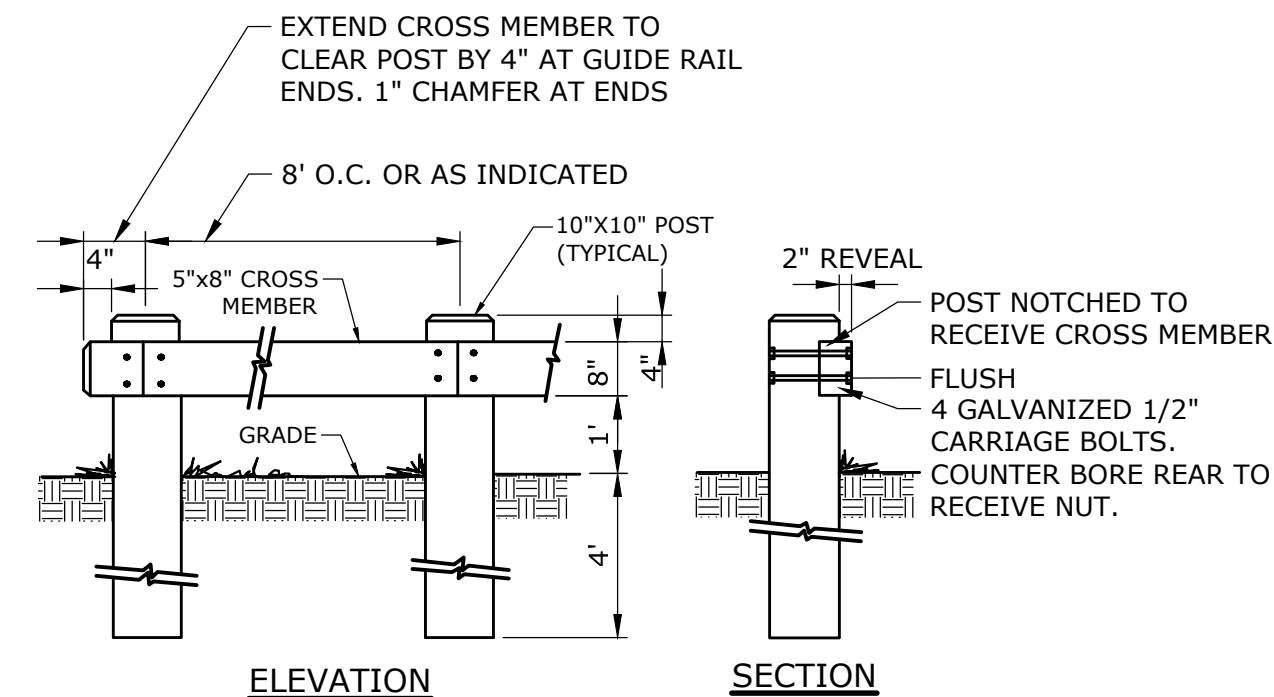
CEMENT CONCRETE EXPANSION JOINT
NOT TO SCALE



EXTRUDED CONCRETE CURB
NOT TO SCALE



BITUMINOUS CONCRETE WALKS
NOT TO SCALE



TIMBER GUIDE RAIL FACEMOUNT 10x10 POSTS
NOT TO SCALE

SOLID STATE AREA LIGHTING COLONIAL SERIES-LED

SPECIFICATIONS

HOUSING: Durable, corrosion resistant, heavy cast low copper aluminum housing. Integrated clear tempered 3/16" glass lens sealed with a continuous silicone gasket protects emitters (LED's) and emitter Reflector-Prism optics and seals the module from water intrusion and environmental contaminants. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Each emitter is optically controlled by a Reflector-Prism injection molded from HI 2 acrylic (3 types per module, one from 0° - 50° one from 50° - 45° one from 55° - 72°). Each Reflector-Prism has indexing pins for aiming and is secured to an optical plate made of matte black anodized aluminum. The optical plate locates every Reflector-Prism over an emitter. Reflector-Prisms are secured to the optical plate with a UV curing adhesive. The Reflector-Prisms are arrayed to produce ES Type II, III, IV and V-S&S distributions. The entire LED Optical Module is held rotatable in 90° increments. Both module and drivers are factory wired using water resistant, insulated cord. Lens, module and drivers are field replaceable.

LED OPTICAL MODULE: High Output LED's are driven at 350mA for nominal 1 Watt output each or 525mA (COL21 and COL18 only) for nominal 1.5 Watt output each. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

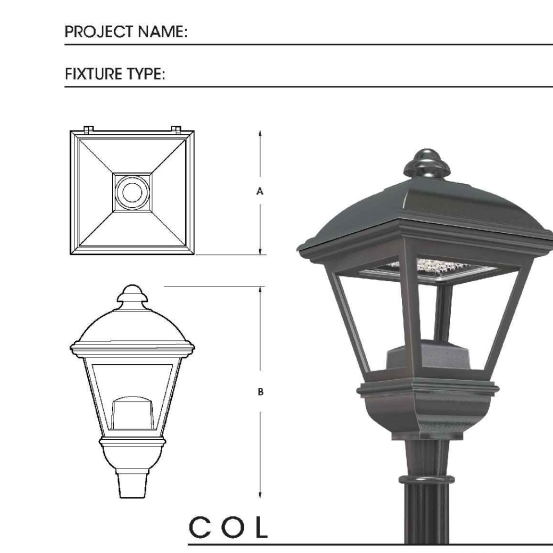
LED DRIVERS: UL and CUL recognized High Power Factor, Constant Current LED Drivers operate on input voltages from 120V/277VAC, 50/60Hz. Consult Factory for 347/480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection. 10KV & 20KV Surge Protector optional. Dimming and High/Low Driver options available.

FINISH: Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 mesh power wash of 140°F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

Sun Valley Lighting 4800 West 12th Street, Suite 100, Phoenix, AZ 85042 Phone: 602.998.8888 Fax: 602.998.8889

USA 2018332

SUN VALLEY LIGHTING



FIXTURE	A	B
COL21-LED	2 1/2"	3 1/2"
COL18-LED	2 1/2"	3 1/2"
COL12-LED	2 1/2"	3 1/2"



TYP. LIGHT POLE FOUNDATION
NOT TO SCALE

NOTES:
1. LIGHT POLES AND FIXTURE MANUFACTURED BY:
2. PROVIDE SHOP DRAWINGS FOR APPROVAL

SIGHT LIGHTING
NOT TO SCALE



DESCRIPTION	DATE	BY
PLANNING & ZONING SUBMISSION	7/1/21	AWG

SITE DETAILS
BARBER COVE
32 & 36 IRON HORSE BOULEVARD
SIMSBURY, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

AS NOTED

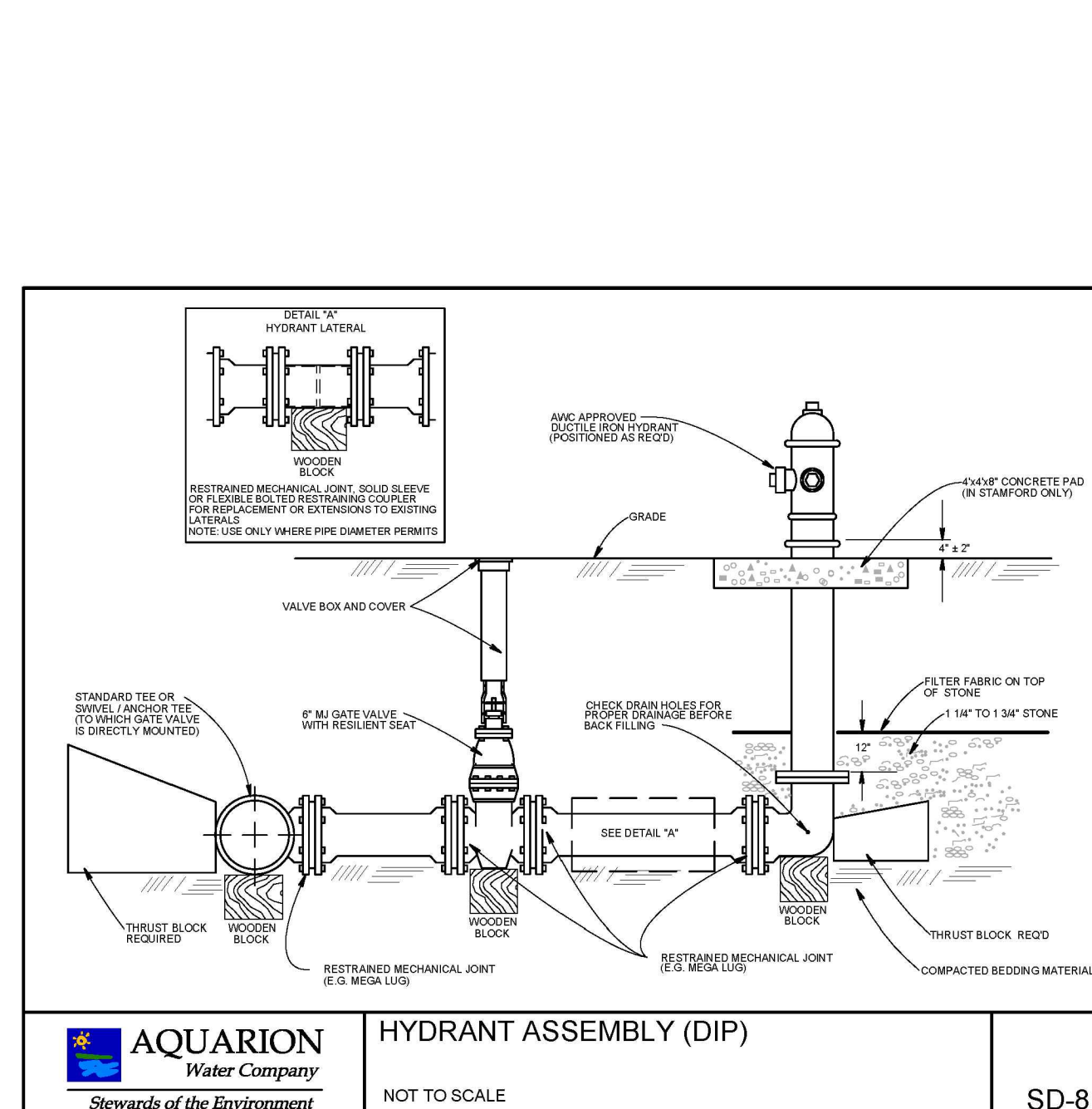
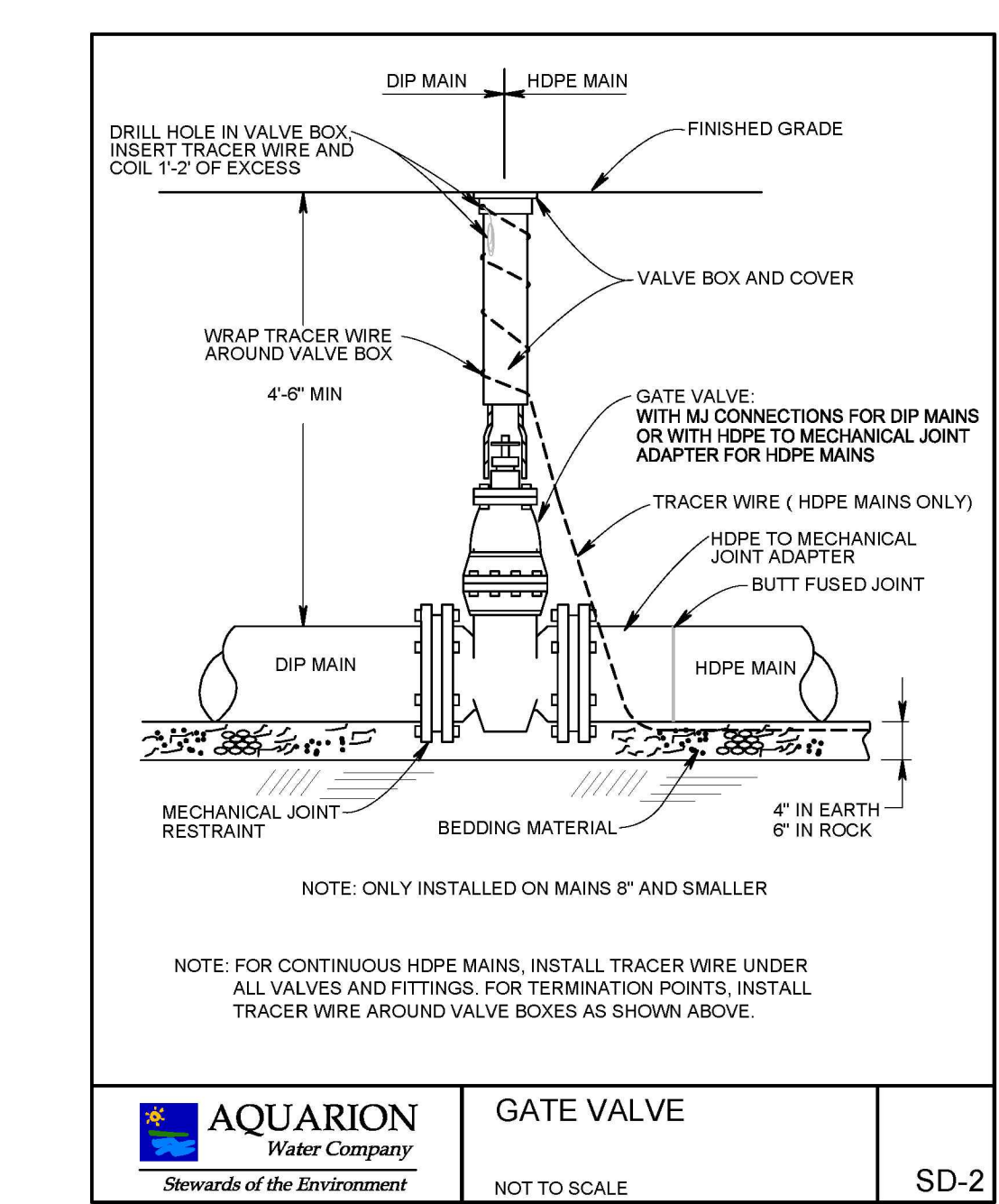
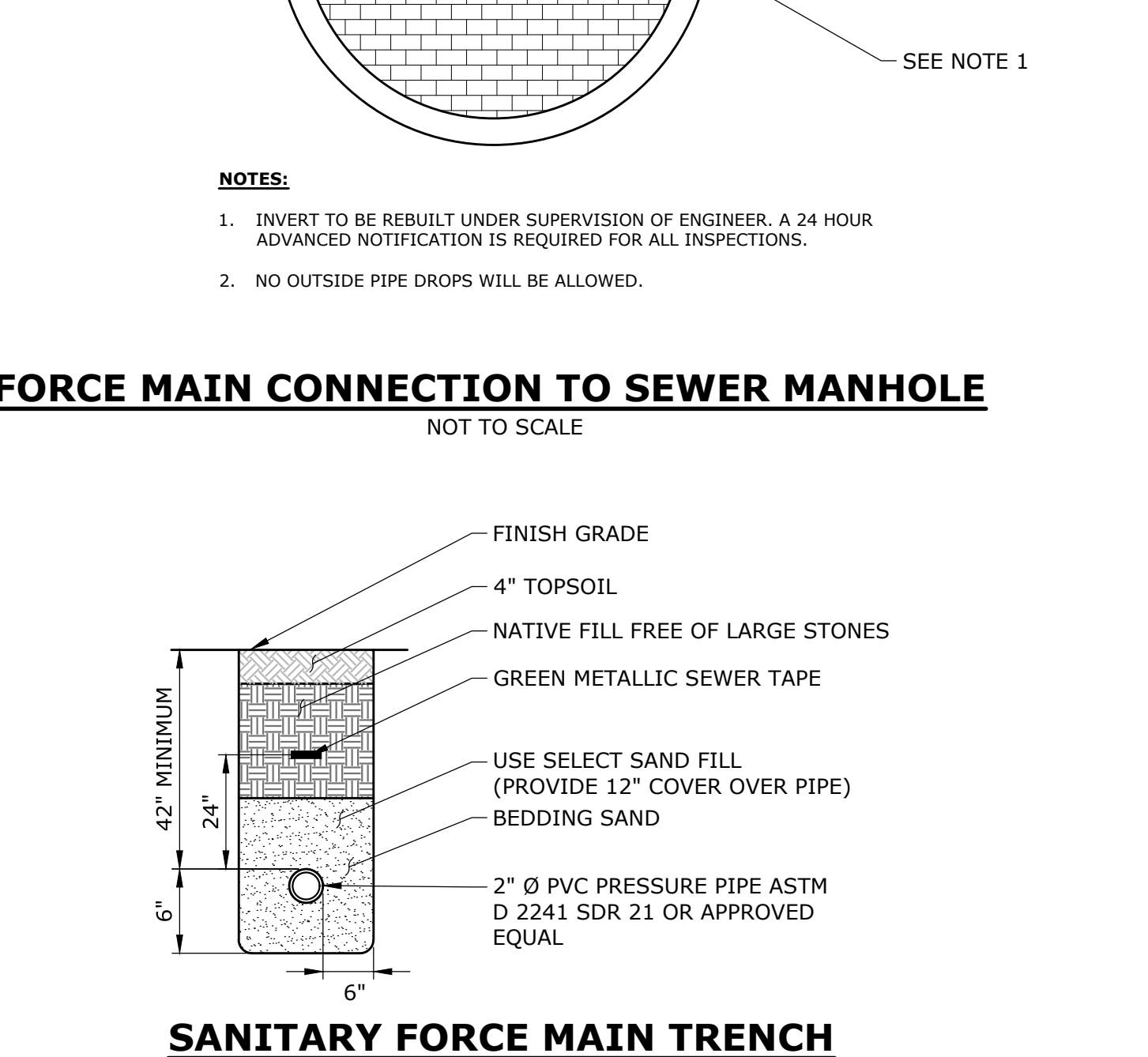
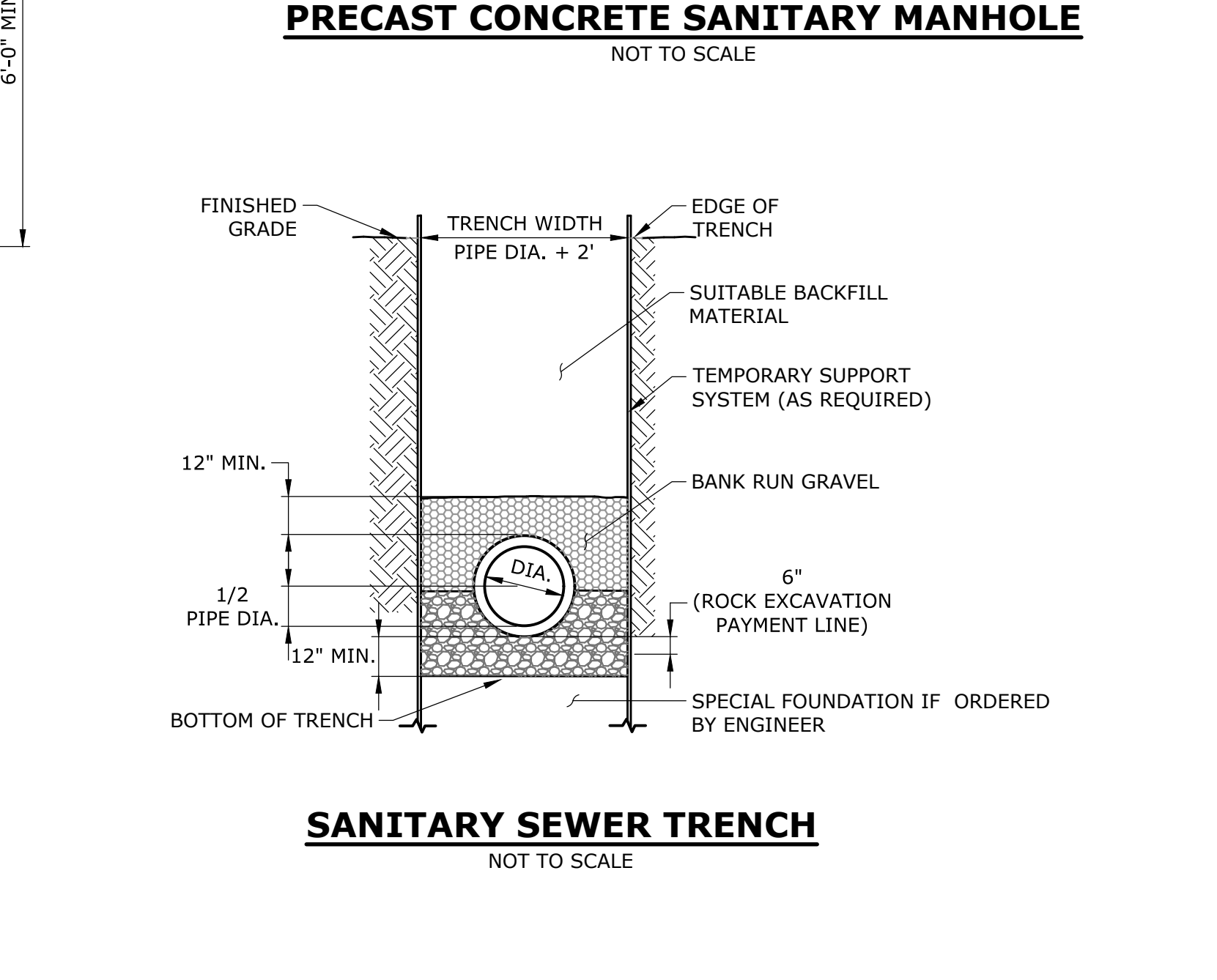
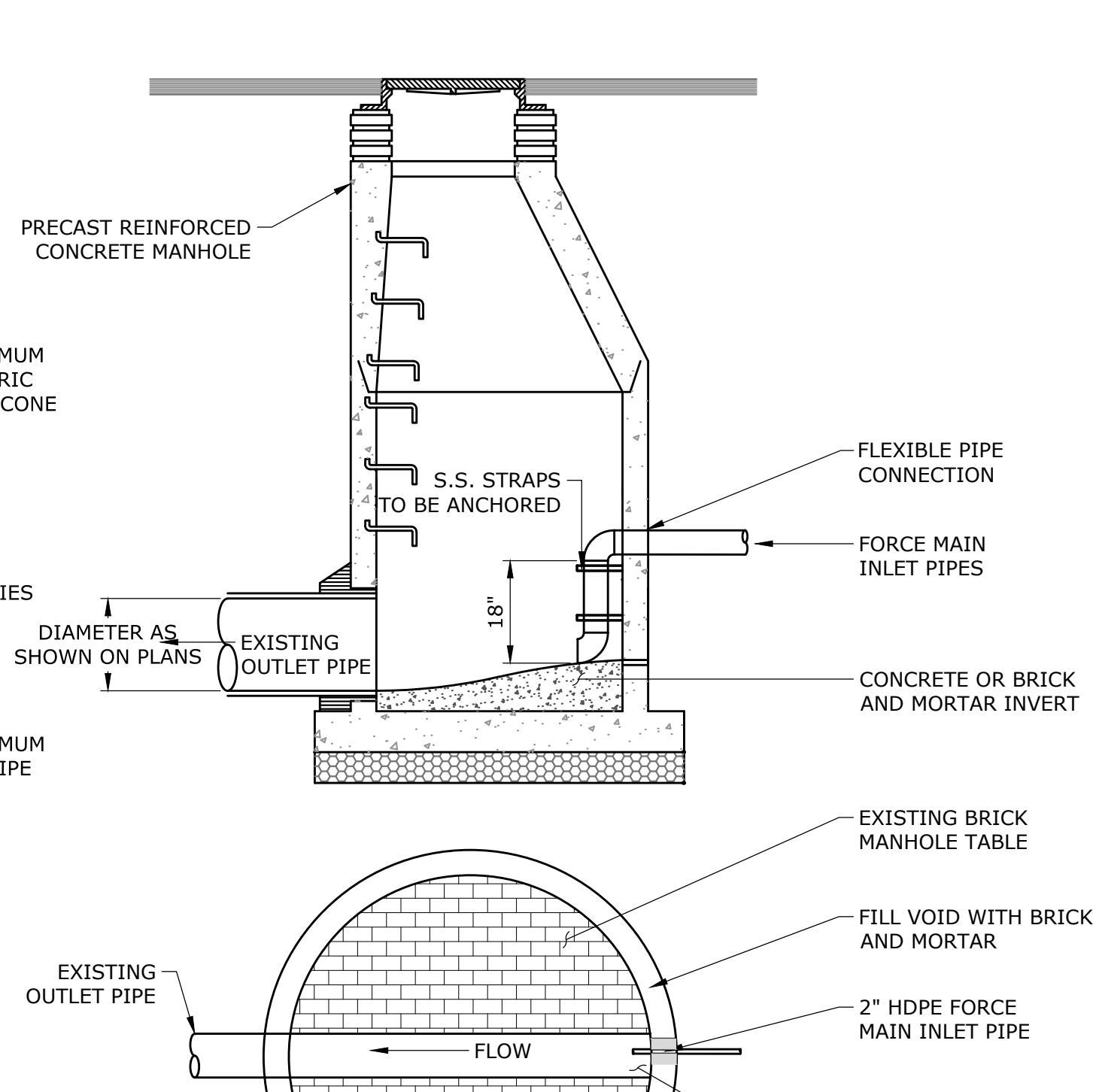
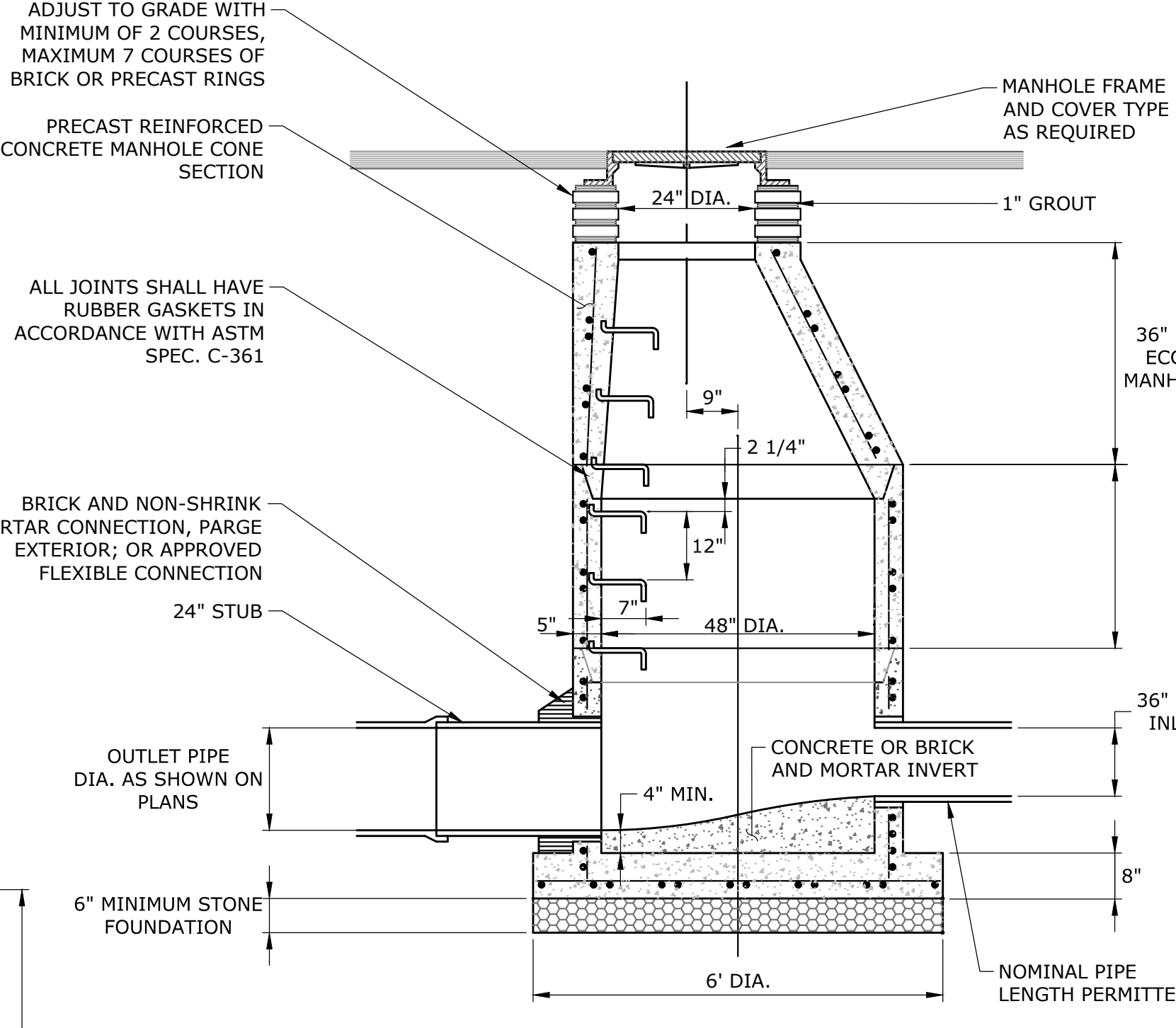
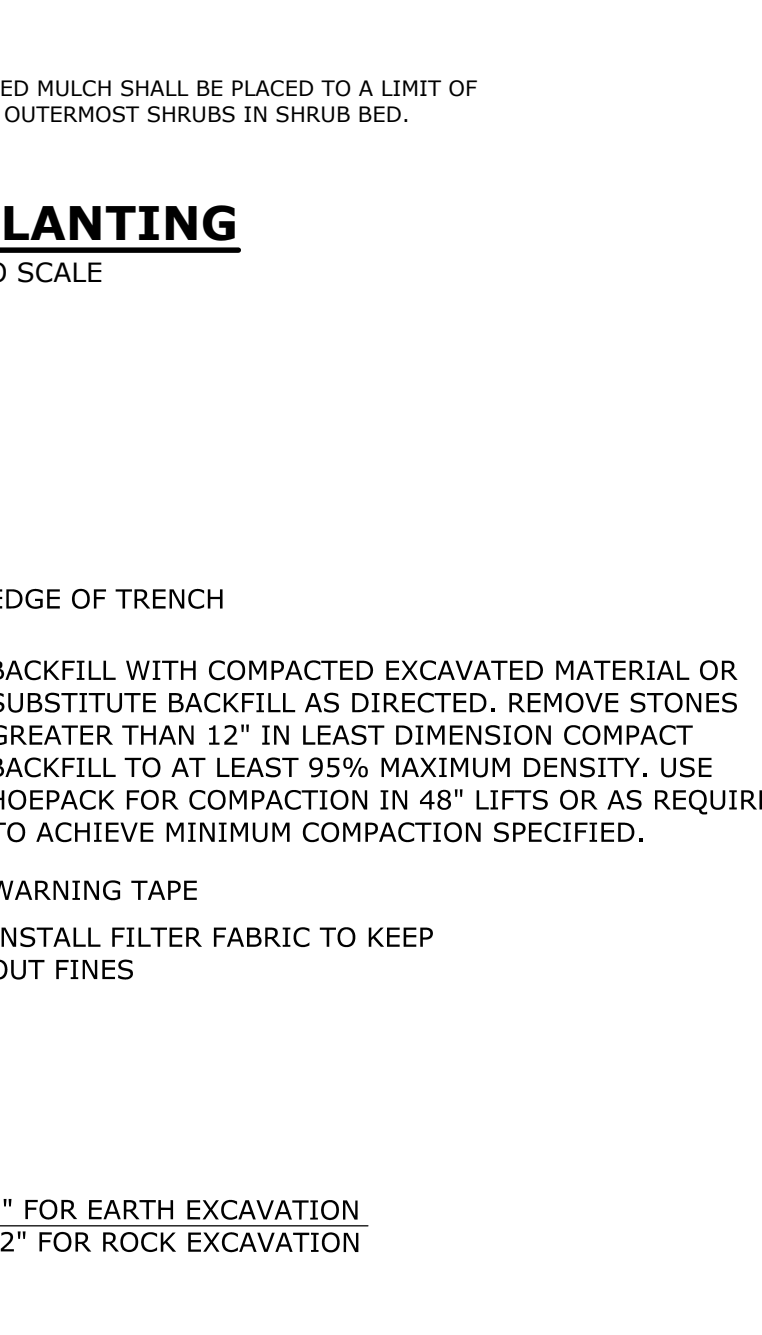
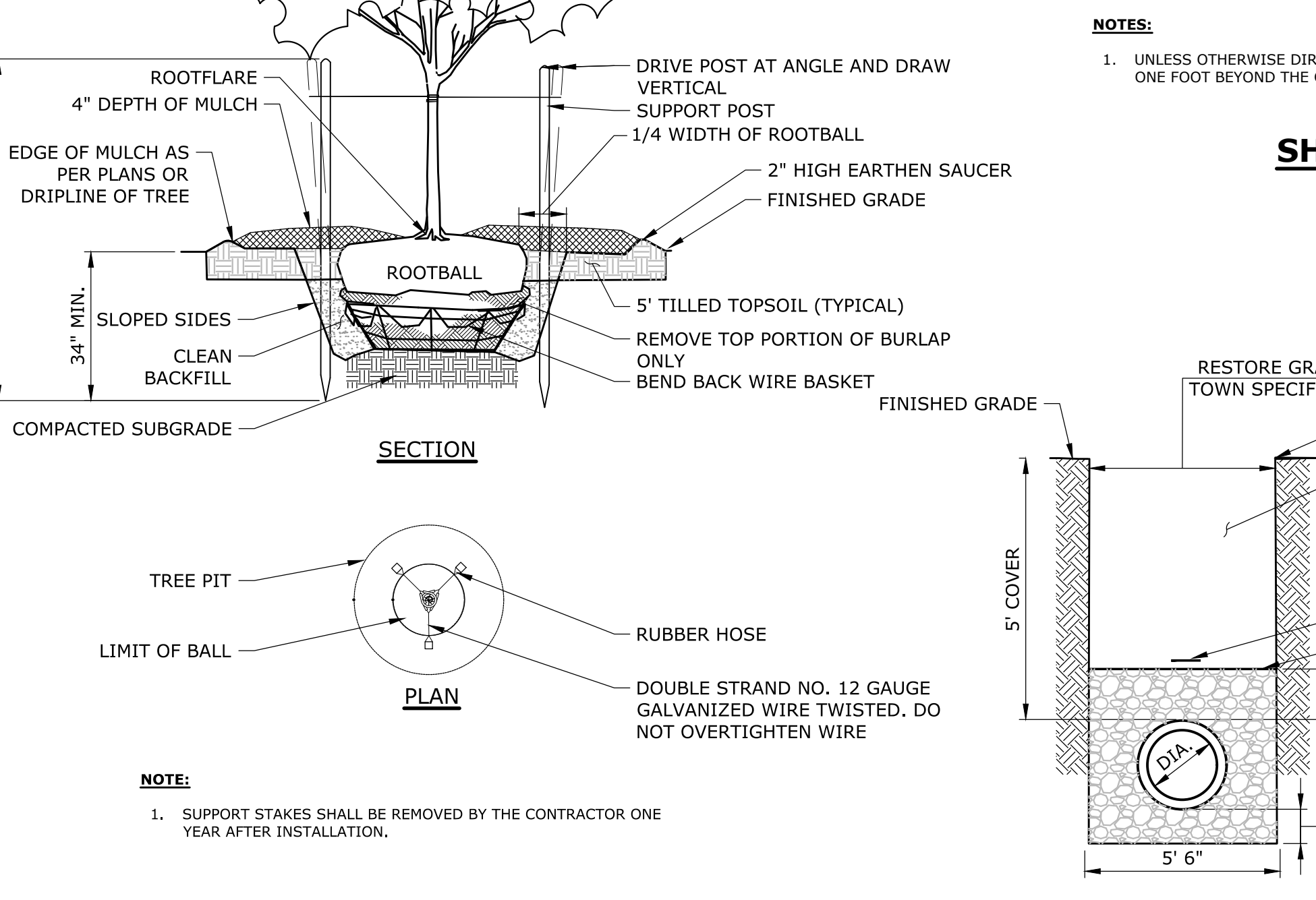
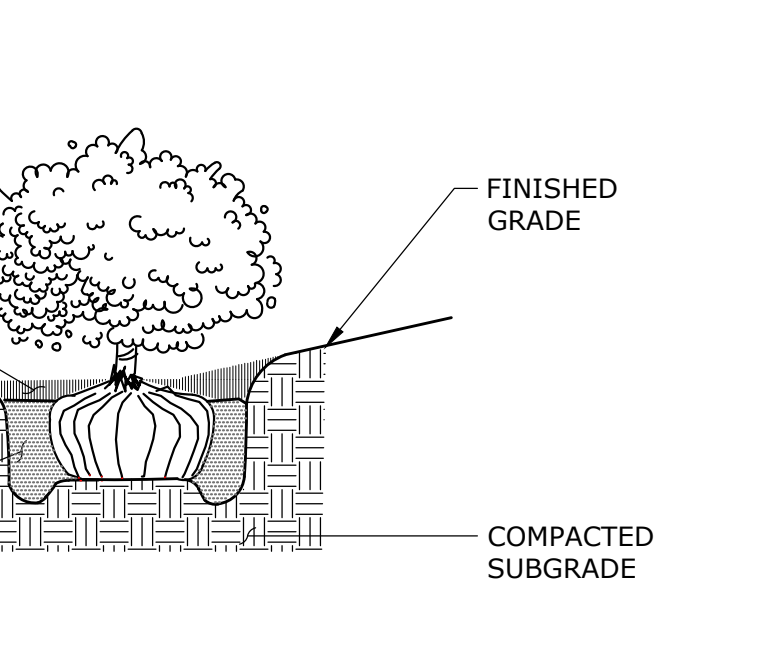
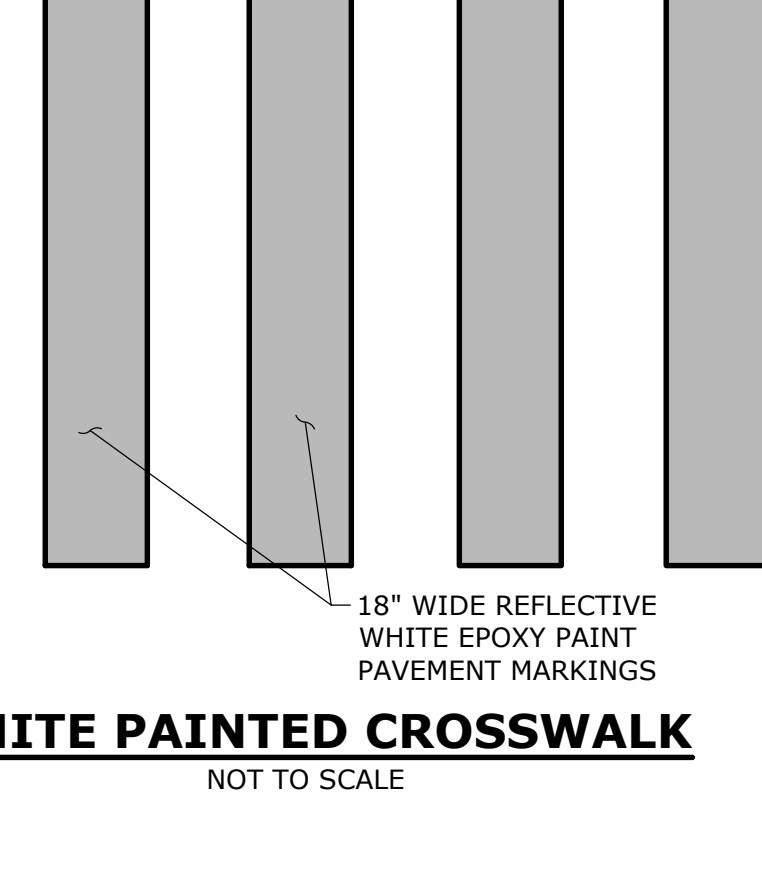
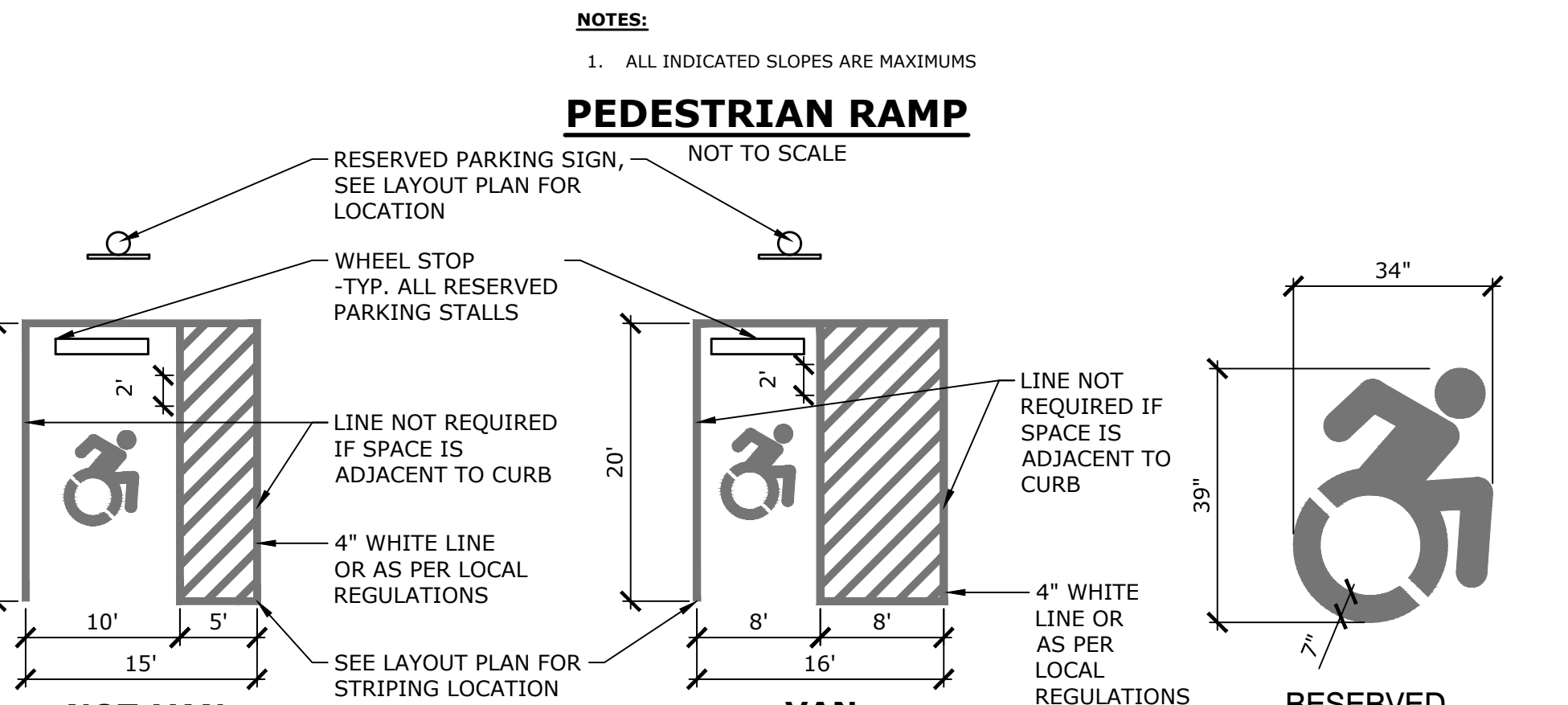
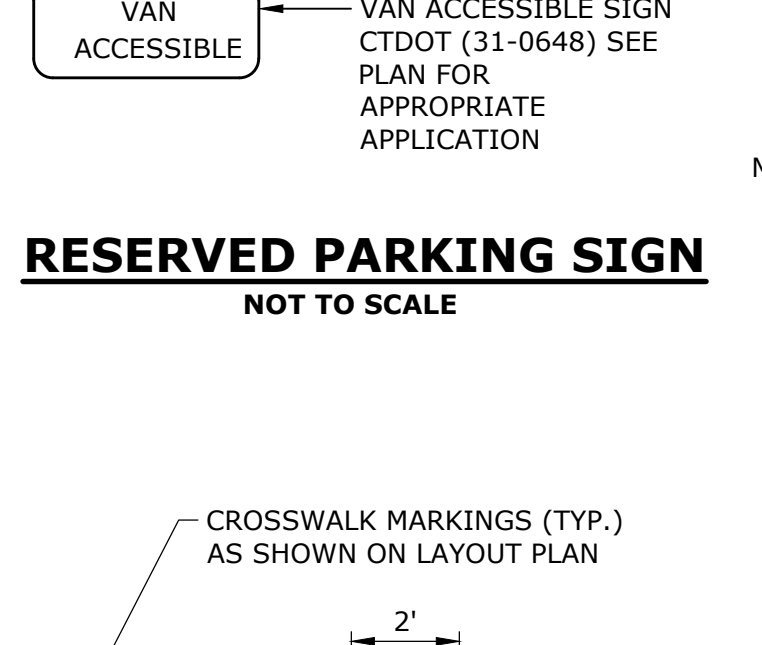
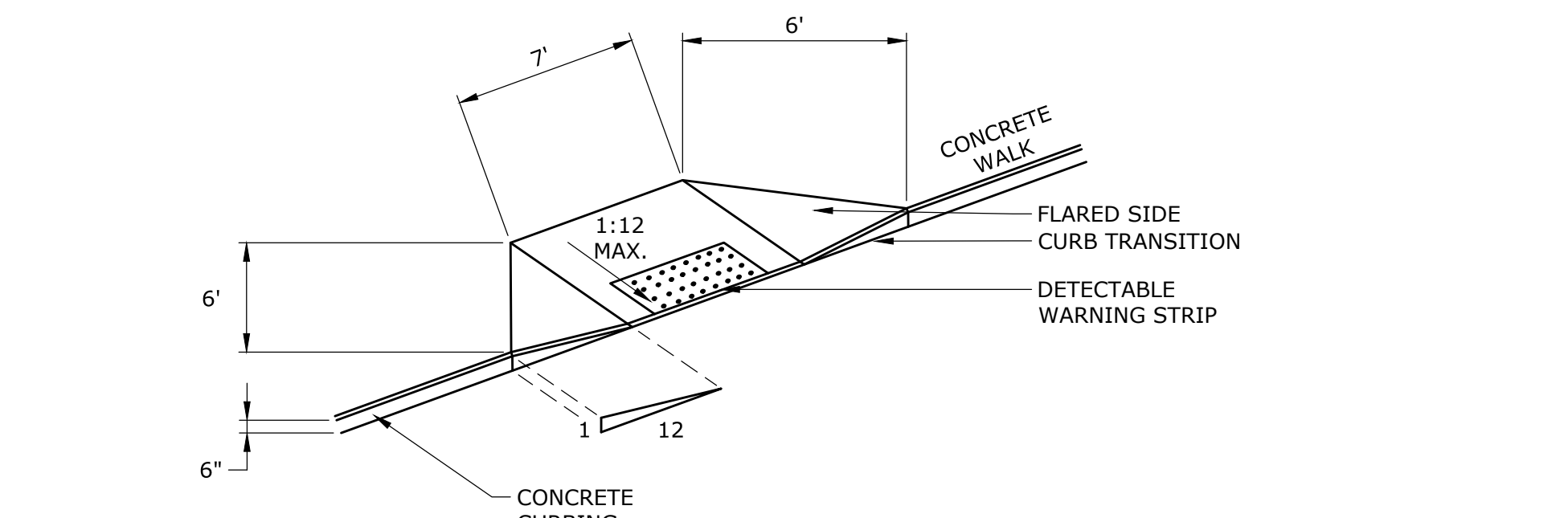
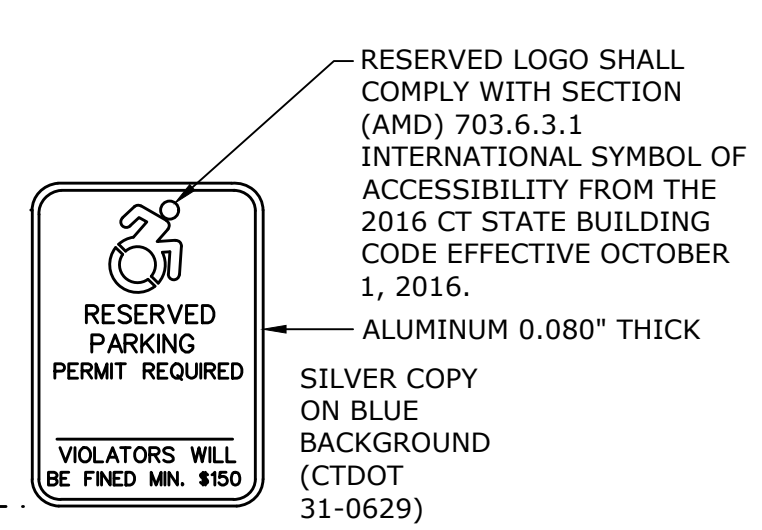
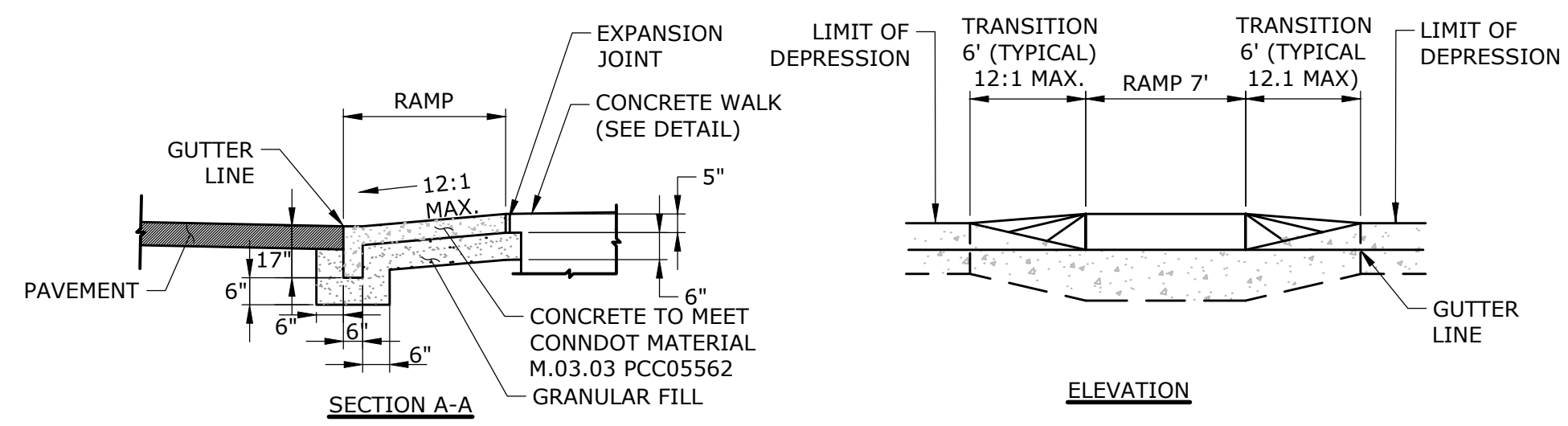
DATE: MAY 28, 2021

PROJECT NO.: 17126.00001

SHEET NO.: 09 OF 12

SHEET NAME: SD-1

10/2013 - 10/2014
 10/2014 - 10/2015
 10/2015 - 10/2016
 10/2016 - 10/2017
 10/2017 - 10/2018
 10/2018 - 10/2019
 10/2019 - 10/2020
 10/2020 - 10/2021
 10/2021 - 10/2022
 10/2022 - 10/2023
 10/2023 - 10/2024
 10/2024 - 10/2025



SLR
 99 REALTY DRIVE
 SUITE 100
 203211717
 SLRCONSULTING.COM

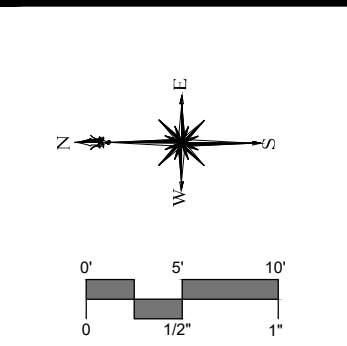
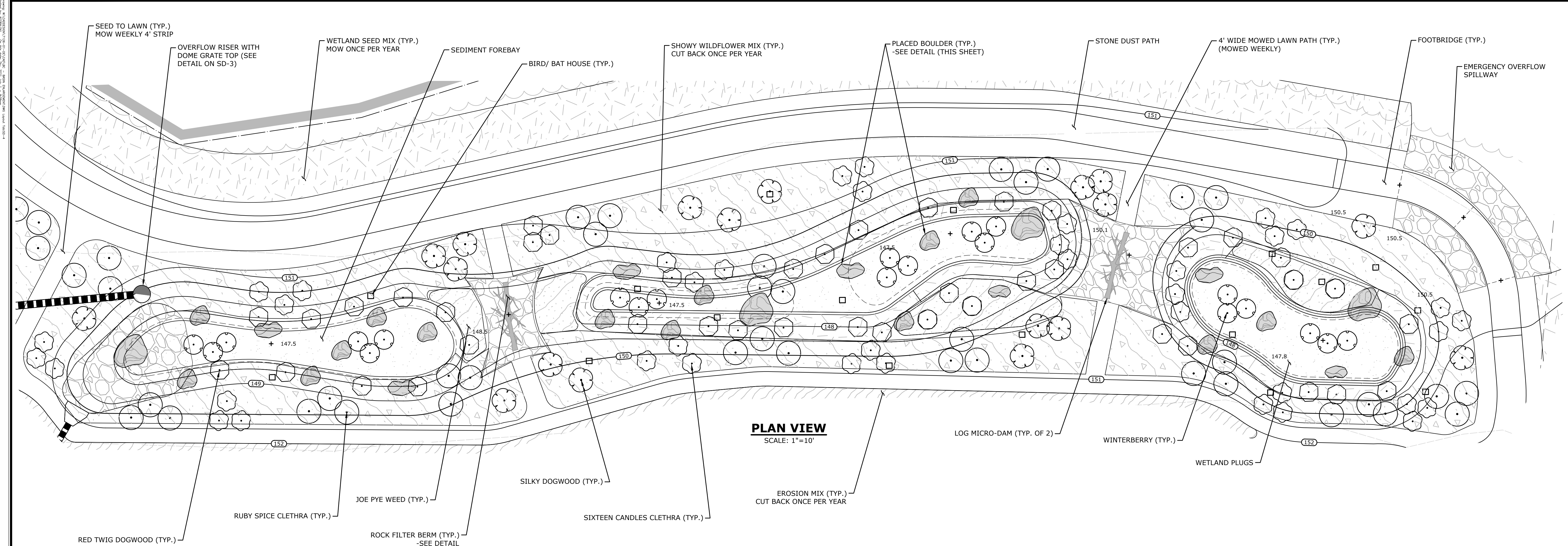
DESCRIPTION	DATE	BY
PLANNING & ZONING SUBMISSION	7/10/21	AWG

SITE DETAILS
BARBER COVE
 32 & 36 IRON HORSE BOULEVARD
 SIMSBURY, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

SCALE: AS NOTED
 DATE: MAY 28, 2021
 PROJECT NO.: 17126.00001
 SHEET NO.: 10 OF 12

SD-2



SLR
 99 REALTY DRIVE
 SUITE 100
 203.217.1772
 SLRCONSULTING.COM

DESCRIPTION	DATE	BY
PLANNING & ZONING SUBMISSION	7/01/21	AWG

PLANT SCHEDULE WET WATER QUALITY SWALE

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.
CR	39	Clethra alnifolia 'Ruby Spice'	Ruby Spice Summersweet	---	#3
CS	39	Clethra alnifolia 'Sixteen Candles'	Sixteen Candles Summersweet	---	#3
CA	18	Cornus amomum	Silky Dogwood	---	#3
CR2	42	Cornus sericea	Red Twig Dogwood	---	#3
IW	21	Ilex verticillata	Winterberry	---	#3

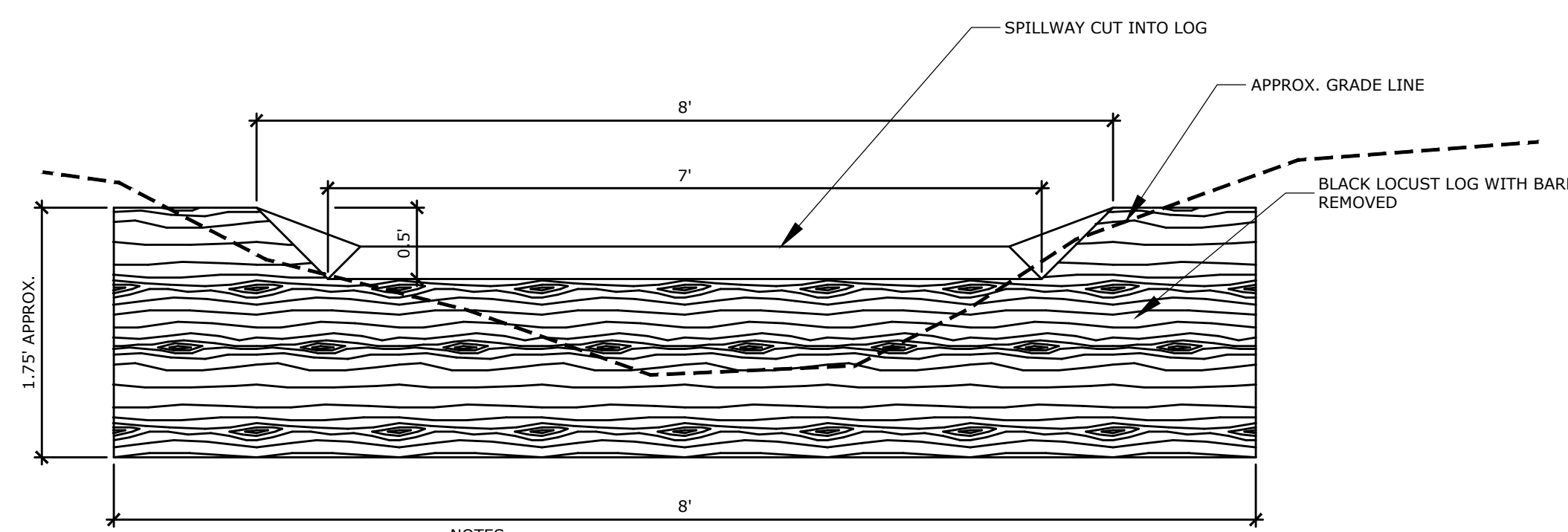
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SPACING
EM	67	Eutrochium fistulosum	Hollow Joe-pyeweed	plug	36" o.c.

- NEW ENGLAND WETMIX (WETLAND SEED MIX) BY NEW ENGLAND WETLAND PLANTS
- NEW ENGLAND SHOWY WILDFLOWER MIX BY NEW ENGLAND WETLAND PLANTS
- WETLAND BASIN PLUGS ALL PLUGS PLANTED 18" O.C.
 20% Carex lanuginosa
 20% Iris pseudacorus
 20% Iris versicolor
 20% Acorus calamus
 20% Scirpus americanus

NOTES: SEE SHEET LS FOR PLANTING INFORMATION

M:\17126-01\wooden-footbridge-across-wetlands-1877007.png

M:\17126-01\birdhouse-in-field.jpg

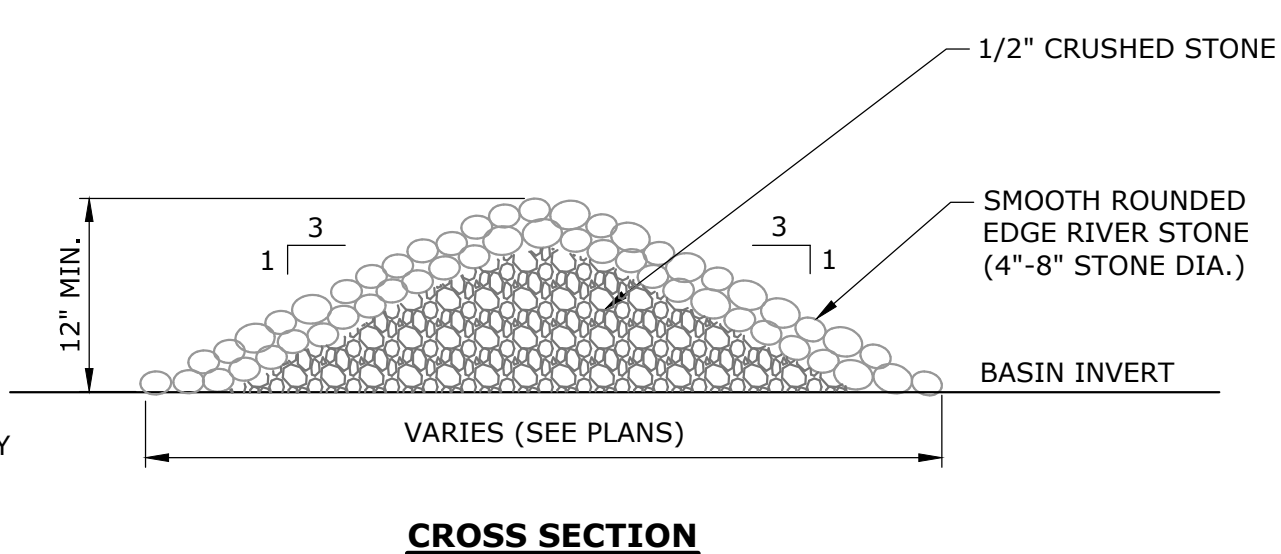
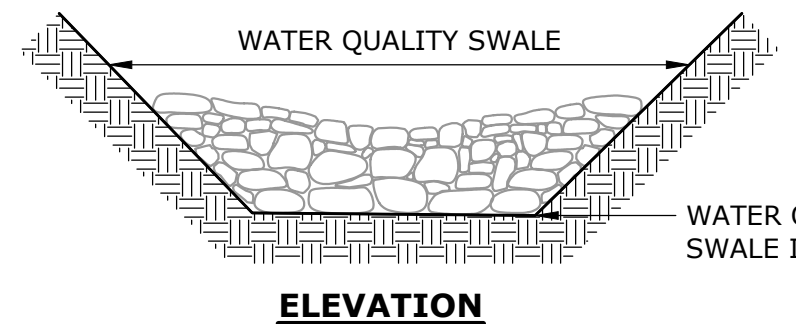


LOG MICRO-DAM
NOT TO SCALE

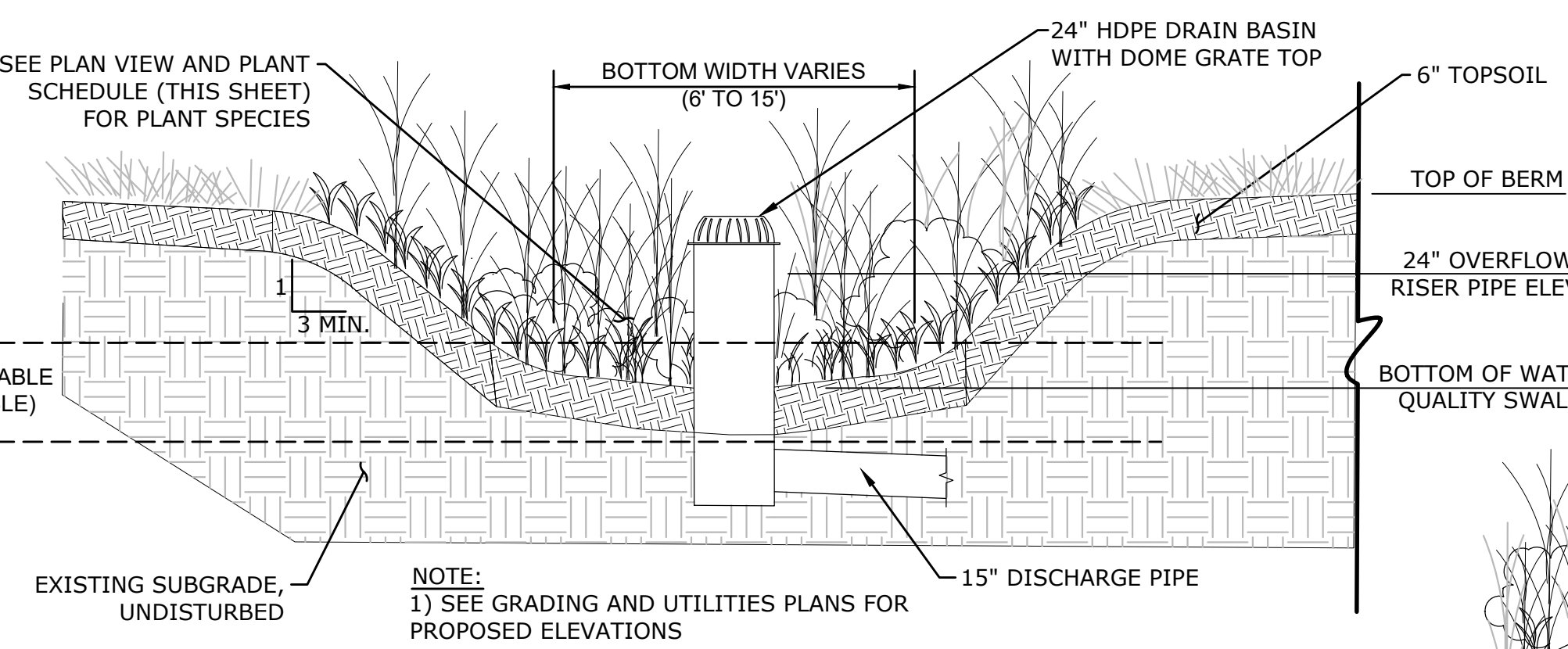
NOTES:
 1. LOG IS TO HAVE THE ENDS FULLY BURIED AND THE REMAINDER PARTIALLY BURIED TO ANCHOR IN PLACE.
 2. SMOOTH ROUNDED EDGE RIVER STONE IS TO BE PLACED UNDER THE LOG MICRO-DAM AS SHOWN ON PLAN.

TYPICAL FOOT BRIDGE SAMPLE
NOT TO SCALE

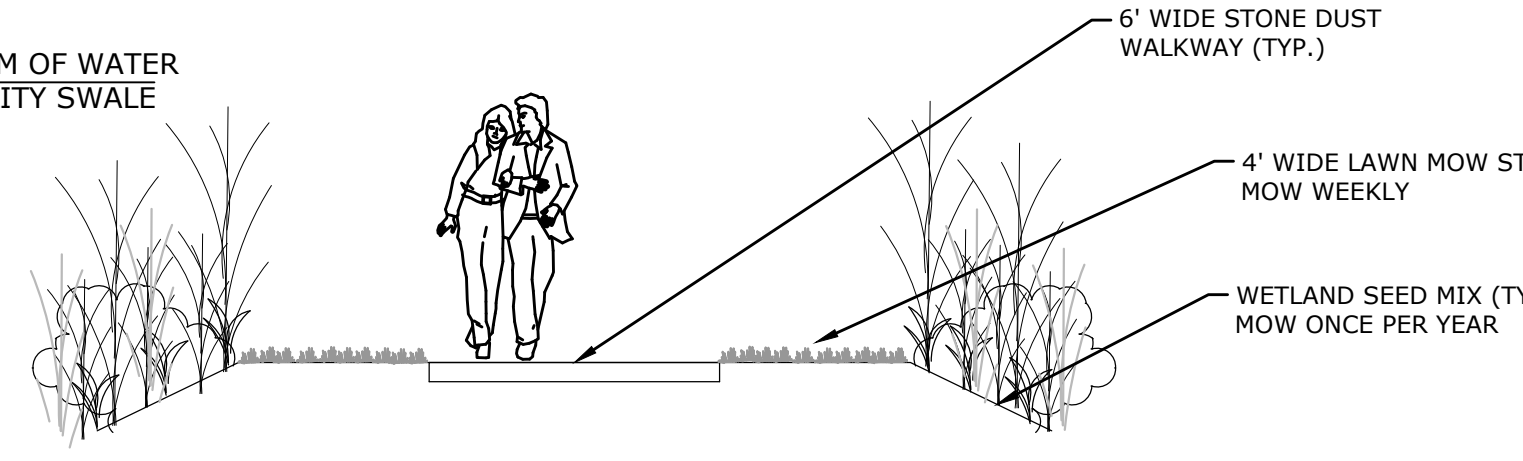
BIRD/BAT HOUSE SAMPLE
NOT TO SCALE



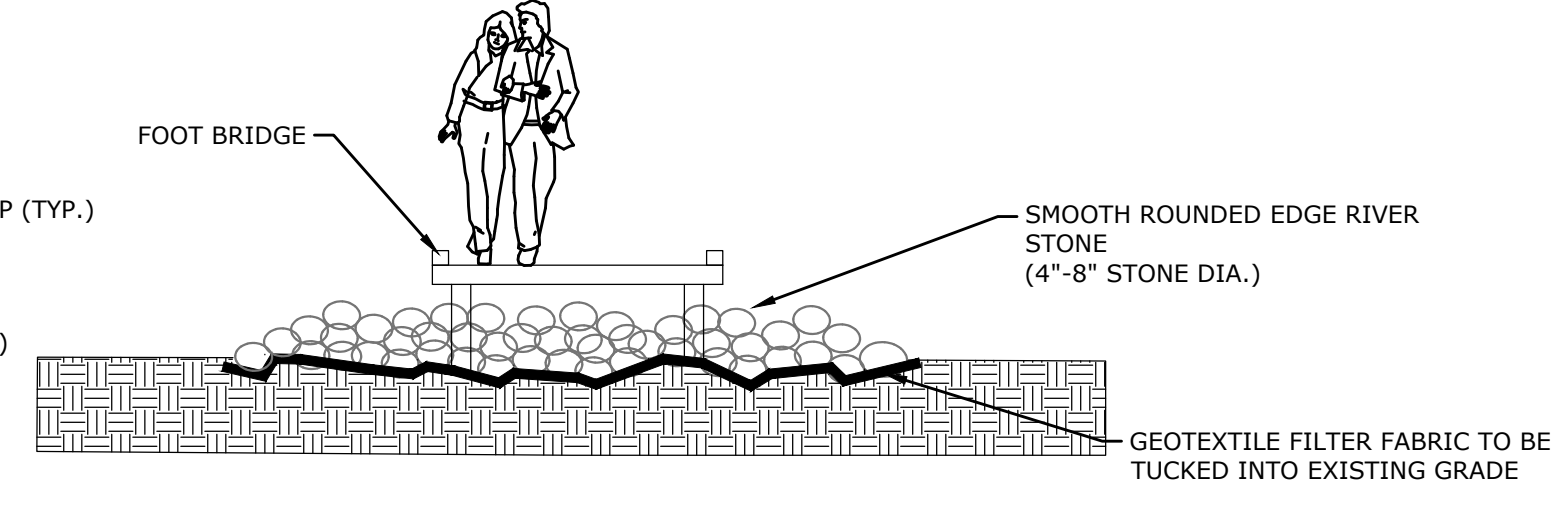
ROCK FILTER BERM
NOT TO SCALE



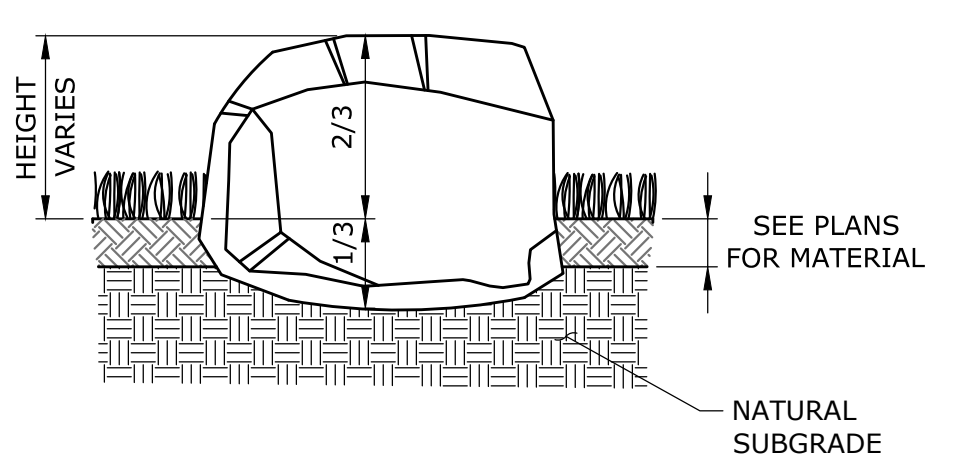
WATER QUALITY SWALE - WET SWALE
TYPICAL SECTION
NOT TO SCALE



TYPICAL STONEDUST WALKWAY
NOT TO SCALE



EMERGENCY OVERFLOW SPILLWAY
NOT TO SCALE



PLACED BOULDER
NOT TO SCALE

WET WATER QUALITY SWALE ENLARGEMENT
 BARBER COVE
 32 & 36 IRON HORSE BOULEVARD
 SIMSBURY, CONNECTICUT

AWG	AWG	TD
DESIGNED	DRAWN	CHECKED

SCALE: AS NOTED
 DATE: MAY 28, 2021
 PROJECT NO.: 17126.00001
 SHEET NO.: 12 OF 12

SD-4