

GENERAL NOTES

- BOUNDARY INFORMATION IS BASED UPON A FIELD SURVEY CONDUCTED BY SLR AND TOPOGRAPHIC INFORMATION IS BASED ON GIS WITH LIMITED FIELD TOPO.
- 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.
- THE EXACT LOCATION 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 GROUND COVER SEED MIX, AS SHOWN ON THE PLANS, ALL VEGETATIVE ESTABLISHMENT SHALL CONFORM TO THE "STANDARDS FOR ORGANIC LAND CARE, NORA CONNECTICUT 2011," AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
- IN ALL CASES, TOPSOIL AND OTHER CONSTRUCTION MATERIALS SHALL BE DRAWN FROM THE ON-SITE STOCKPILES OF EXISTING MATERIAL. ONLY WHEN ON-SITE STOCKPILES HAVE BEEN USED SHALL MATERIAL BE IMPORTED TO THE SITE.
- ALL STORM DRAIN PIPE HDPE UNLESS OTHERWISE INDICATED.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE CITY OF TORRINGTON REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES 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.
- COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITEE.
- THE PROPERTY OWNER MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
- A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIAL SHOULD BE KEPT ON-SITE TO CLEAN UP ANY SPILLS OF HAZARDOUS MATERIALS.

CONSTRUCTION SEQUENCE

- PRIOR TO COMMENCEMENT OF WORK A PRECONSTRUCTION MEETING SHALL BE HELD WITH CITY STAFF AND REPRESENTATIVES OF THE CONTRACTOR AND OWNER. AT THIS MEETING, ONE PERSON WILL BE PLACED IN CHARGE OF SEDIMENT AND EROSION CONTROL FOR THE ENTIRE SITE.
- CONTRACTOR TO STAKE OUT LIMIT OF DISTURBANCE AND VEGETATION TO BE RETAINED. NO DISTURBANCE IS TO TAKE PLACE BEYOND THE LIMITS OF WORK SHOWN.
- CONTRACTOR TO INSTALL SEDIMENT AND EROSION CONTROLS ALONG THE PERIMETER, AND STABILIZED CONSTRUCTION ENTRANCES.
- CLEAR AND GRUB SITE AND STOCKPILE TOPSOIL. PLACE SEDIMENT FILTER FENCE AND HAYBALES AROUND STOCKPILES.
- CONTRACTOR TO INSTALL TEMPORARY SEDIMENT TRAPS PER THE SEDIMENT AND EROSION CONTROL PLAN.
- INITIATE MASS EARTHWORK OPERATIONS AFTER ALL BASINS, BERMS, SWALES, SILT FENCE & HAYBALES ARE INSTALLED
- INSTALL UTILITIES, RV SITES AND PARKING LOTS/DRIVEWAYS WHERE NOTED ON THE PLANS.
- SLOPES ARE TO BE ESTABLISHED AS SOON AS PRACTICAL BEFORE UTILITY INSTALLATION. STABILIZE ALL SLOPES IMMEDIATELY AFTER THEIR ESTABLISHMENT.
- THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE MODIFIED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER AND DESIGNATED CITY REPRESENTATIVE AS NECESSITATED BY CHANGING SITE CONDITIONS.

GENERAL CONSTRUCTION NOTES

- TEMPORARY SEDIMENT BASINS 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. CLEAN THE SEDIMENT BASIN WHEN SEDIMENT ACCUMULATION EXCEEDS ONE HALF THE WET STORAGE CAPACITY OF THE BASIN.
- 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.
- INSPECTION OF THE SITE FOR EROSION SHALL CONTINUE FOR A PERIOD OF THREE MONTHS AFTER COMPETITION WHEN RAINFALLS OF ONE INCH OR MORE OCCUR.
- 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.

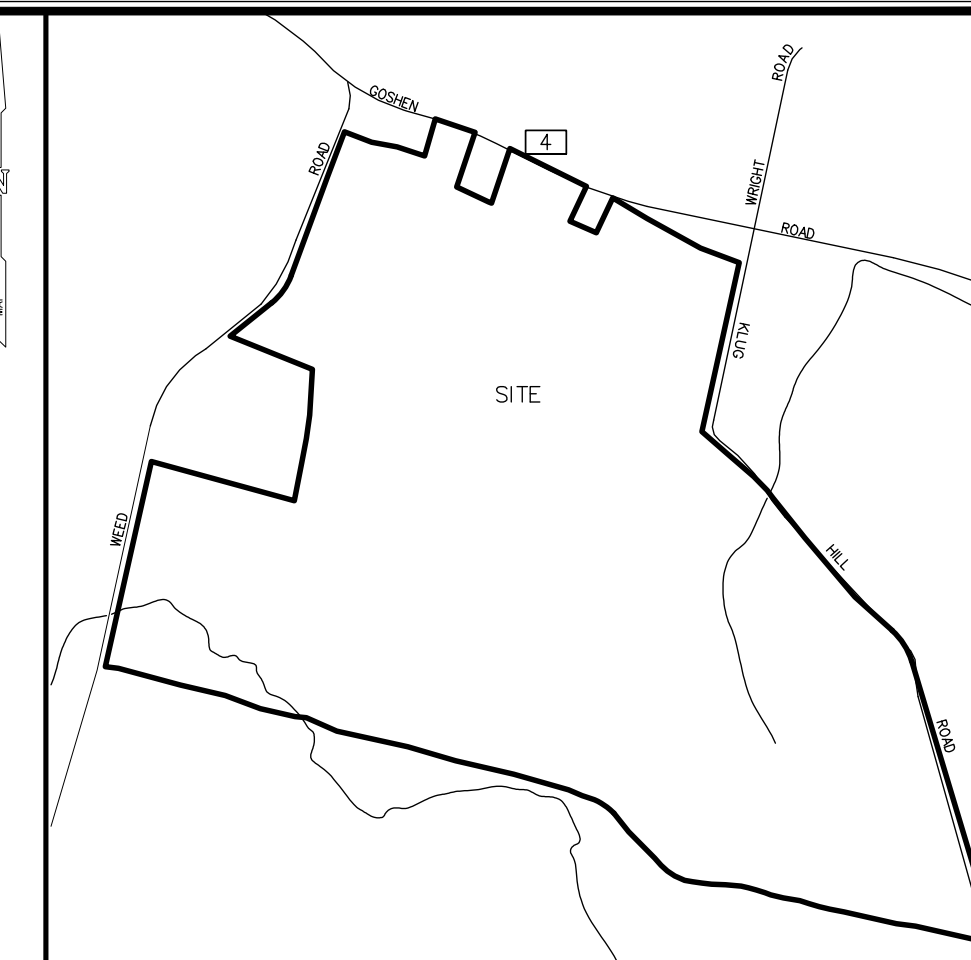
OPERATION AND MAINTENANCE PLAN (POST-CONSTRUCTION)

- ALL CATCH BASIN SUMPS SHOULD BE INSPECTED TWO TIMES PER YEAR AND SEDIMENT REMOVED WHEN IT EXTENDS TO WITHIN SIX INCHES OF THE OUTLET PIPE INVERT, NOT LESS THAN ONCE PER YEAR. THE SEDIMENT SHALL BE DISPOSED OF IN AN APPROVED LOCATION.
- A VEGETATIVE OR IMPROVED COVER SHALL BE MAINTAINED ON ALL EARTH SURFACES TO MINIMIZE SOIL EROSION. USE OF FERTILIZER SHOULD BE MINIMIZED AND APPLIED USING PRUDENT APPLICATION PROCEDURES.
- A LOG OF ALL INSPECTION AND CLEANING SHALL BE MAINTAINED BY THE OCCUPANT AND BE AVAILABLE FOR INSPECTION.
- DURING CONSTRUCTION AND FOR THREE MONTHS AFTER PROJECT COMPLETION INSPECTION OF SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MADE ON A WEEKLY BASIS AND AFTER RAINFALL EVENTS OF 1/2" OR GREATER. A LOG OF SUCH INSPECTIONS SHALL BE MAINTAINED AT THE SITE.

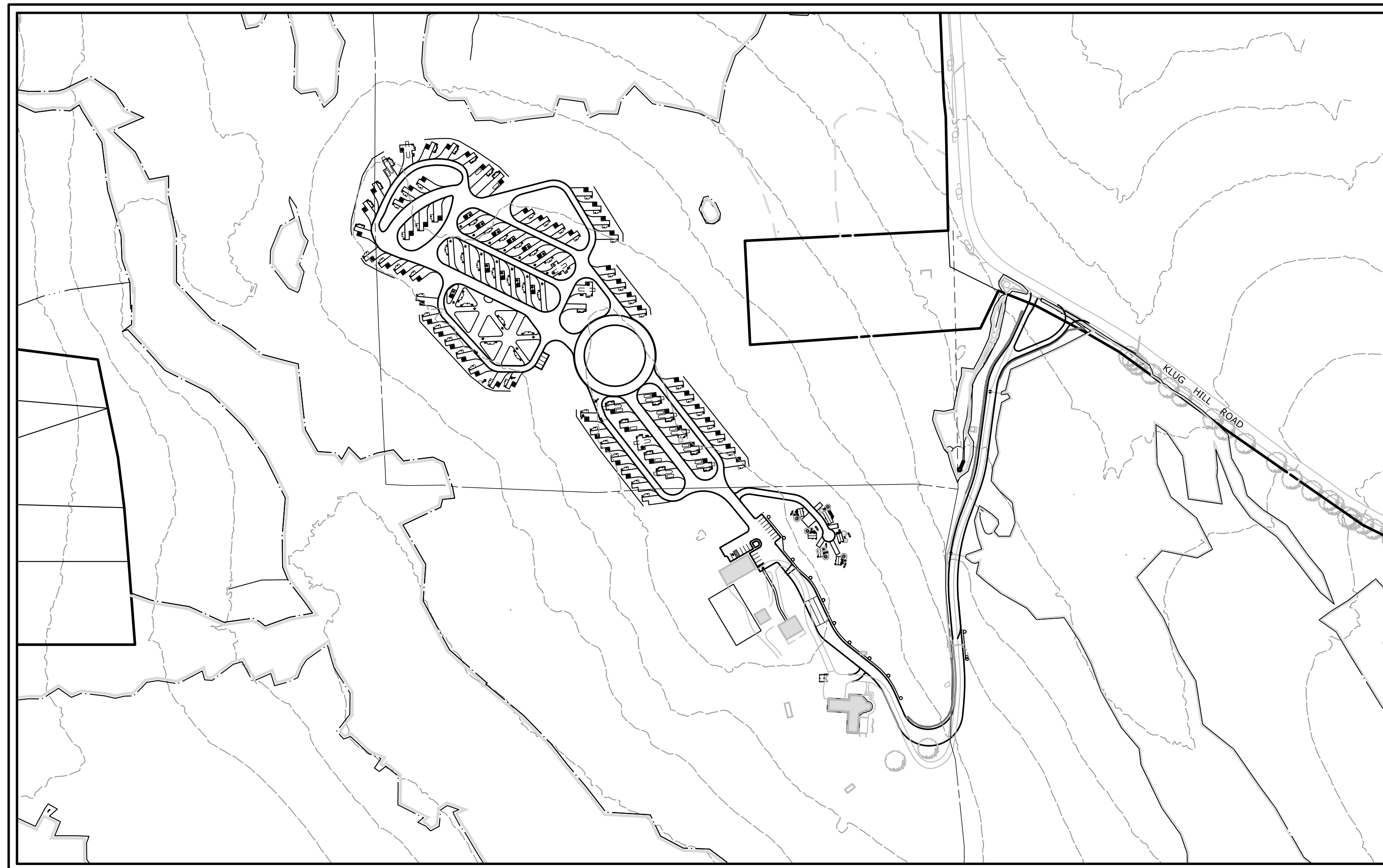
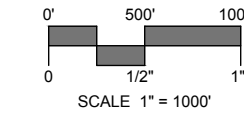
KLUG HILL RV PARK KOA CAMPGROUND

232 KLUG HILL ROAD
TORRINGTON, CONNECTICUT

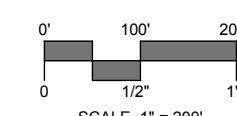
REGULATORY SUBMISSION
NOVEMBER 9, 2022
LAST REVISED: JANUARY 10, 2023



LOCATION MAP:



PROJECT SITE VICINITY MAP:



PROJECT DATA

EXISTING ZONE:	R-60
PROPOSED USE:	RECREATIONAL VEHICLE PARK
TOTAL PARCEL AREA:	±225.87 AC.
TOTAL PROPOSED RV SITES:	92 SITES

R-60 -DIMENSIONAL CRITERIA	REQ'D/PERMITTED	PROPOSED/PROVIDED
LOT AREA	60,000 SF (MIN)	±225.87 AC.
LOT WIDTH	200' (MIN)	>200'
FRONT YARD SETBACK	50' (MIN)	>50'
SIDE YARD SETBACK	25' (MIN)	>25'
REAR YARD SETBACK	100' (MIN)	>100'
IMPERVIOUS SURFACE RATIO	30% (MAX)	<30%
BUILDING COVERAGE RATIO	10% (MAX)	<10%

RV PARK -DIMENSIONAL CRITERIA	REQ'D/PERMITTED	PROPOSED/PROVIDED
LOT AREA	25 AC. (MIN)	±225.87 AC.
PARK DENSITY	1 SITE PER 40,000 SF (MIN)	1 SITE PER ±106,942 SF
RV SITE AREA	1500 SF (30' W X 50' D) (MIN)	>1500 SF PER SITE
SETBACK FROM ANY PROPERTY LINE	100' (MIN)	>100'
COMMON RECREATION AREA	150 SF PER SITE (MIN)	> 150 SF PER SITE

PREPARED BY:



99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM



OWNER:

GREENSTONE INVESTMENTS, INC
232 KLUG HILL ROAD
TORRINGTON, CT 06790

APPLICANT:

LELAH CAMPO
COZY HILLS II CAMPGROUND
1311 BANTAM ROAD
BANTAM, CT 06750

LIST OF DRAWINGS

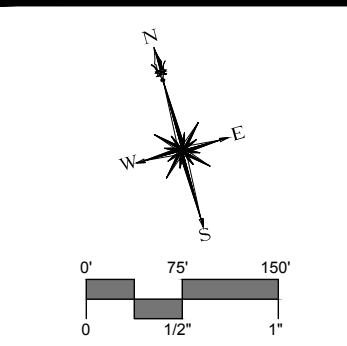
NO.	NAME	TITLE
01	--	TITLE SHEET
02	IN	INDEX & PHASING PLAN
03 - 04	EX-1 - 2	EXISTING CONDITIONS
05 - 06	LL-1 - 2	SITE PLAN - LAYOUT AND LANDSCAPING
07 - 08	GU-1 - 2	SITE PLAN - GRADING & UTILITIES
09 - 10	SE-1 - 2	SEDIMENT AND EROSION CONTROL PLAN
11 - 12	PP-1 - 2	SITE PLAN - PLAN & PROFILE
13 - 14	SD-1 - SD-2	SEPTIC SYSTEM - SOIL TESTING RESULTS
15	SD-3	SEPTIC SYSTEM - MLSS DATA TABLE
16 - 18	SD-4 - SD-6	SEPTIC SYSTEM - SEPTIC DESIGN & CROSS SECTIONS
19 - 23	SD-7 - SD-11	SITE DETAILS



Know what's below.
Call before you dig.
www.cbyd.com



- LEGEND**
- PROPERTY LINE
 - - - MATCHLINE
 - - - LIMIT OF UPLAND REVIEW AREA
 - WETLAND
 - WATERCOURSE
 - PROJECT LIMITS
 - STORMWATER BASIN EXTENTS
 - SEPTIC LEACHING FIELD EXTENTS



SLR
 99 REALTY DRIVE
 SUITE 200
 TORRINGTON, CT 06861
 TEL: 203.771.1772
 WWW.SLRCONSULTING.COM

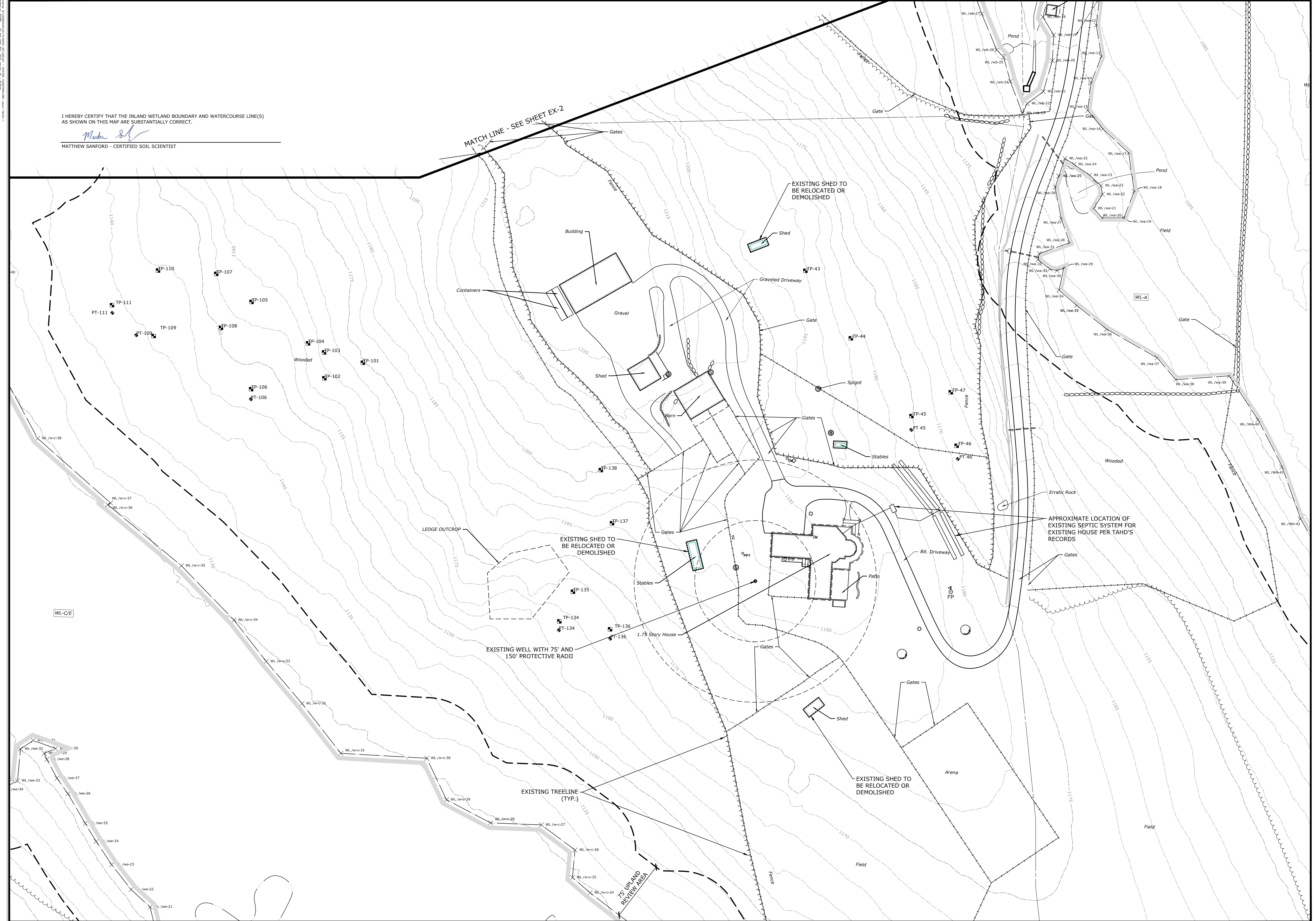
DESCRIPTION	DATE	BY
BASIN & LEACHING FIELD AREAS	11/09/2023	ACD

INDEX & PHASING PLAN
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

RJM DESIGNED	ACD DRAWN	RJM CHECKED
SCALE 1"=150'		
DATE NOVEMBER 9, 2022		
PROJECT NO. 20174.00002		
SHEET NO. 02 OF 23		

IN

11/09/2023 10:54 AM
 20174.00002
 02 OF 23



I HEREBY CERTIFY THAT THE INLAND WETLAND BOUNDARY AND WATERCOURSE LINE(S) AS SHOWN ON THIS MAP ARE SUBSTANTIALLY CORRECT.

Matthew Sanford
 MATTHEW SANFORD - CERTIFIED SOIL SCIENTIST

MATCH LINE - SEE SHEET EX-2

EXISTING SHED TO BE RELOCATED OR DEMOLISHED

EXISTING SHED TO BE RELOCATED OR DEMOLISHED

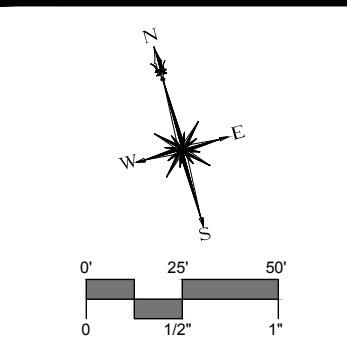
EXISTING WELL WITH 75' AND 150' PROTECTIVE RADII

EXISTING TREELINE (TYP.)

75' UPLAND REVIEW AREA

APPROXIMATE LOCATION OF EXISTING SEPTIC SYSTEM FOR EXISTING HOUSE PER TAHD'S RECORDS

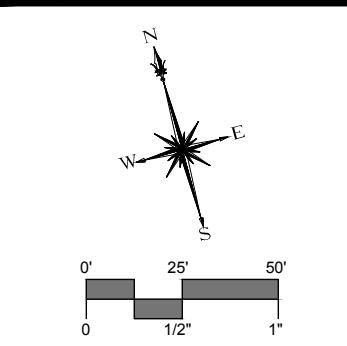
EXISTING SHED TO BE RELOCATED OR DEMOLISHED



DESCRIPTION	DATE	BY
REVISIONS	11/02/2023	ACD

SITE PLAN - EXISTING CONDITIONS
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

ACD	ACD	RJM
DESIGNED	DRAWN	CHECKED
SCALE: 1"=50'		
DATE: NOVEMBER 9, 2022		
PROJECT NO.: 20174.00002		
SHEET NO.: 03 OF 23		
EX-1		



SLR
 99 REALTY DRIVE
 SUITE 100
 TORRINGTON, CT 06801
 TEL: 203.771.1772
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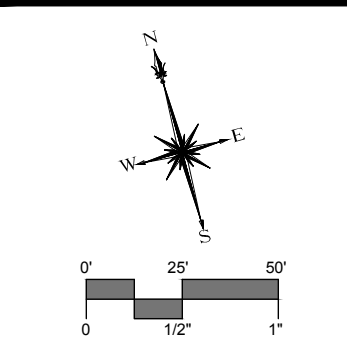
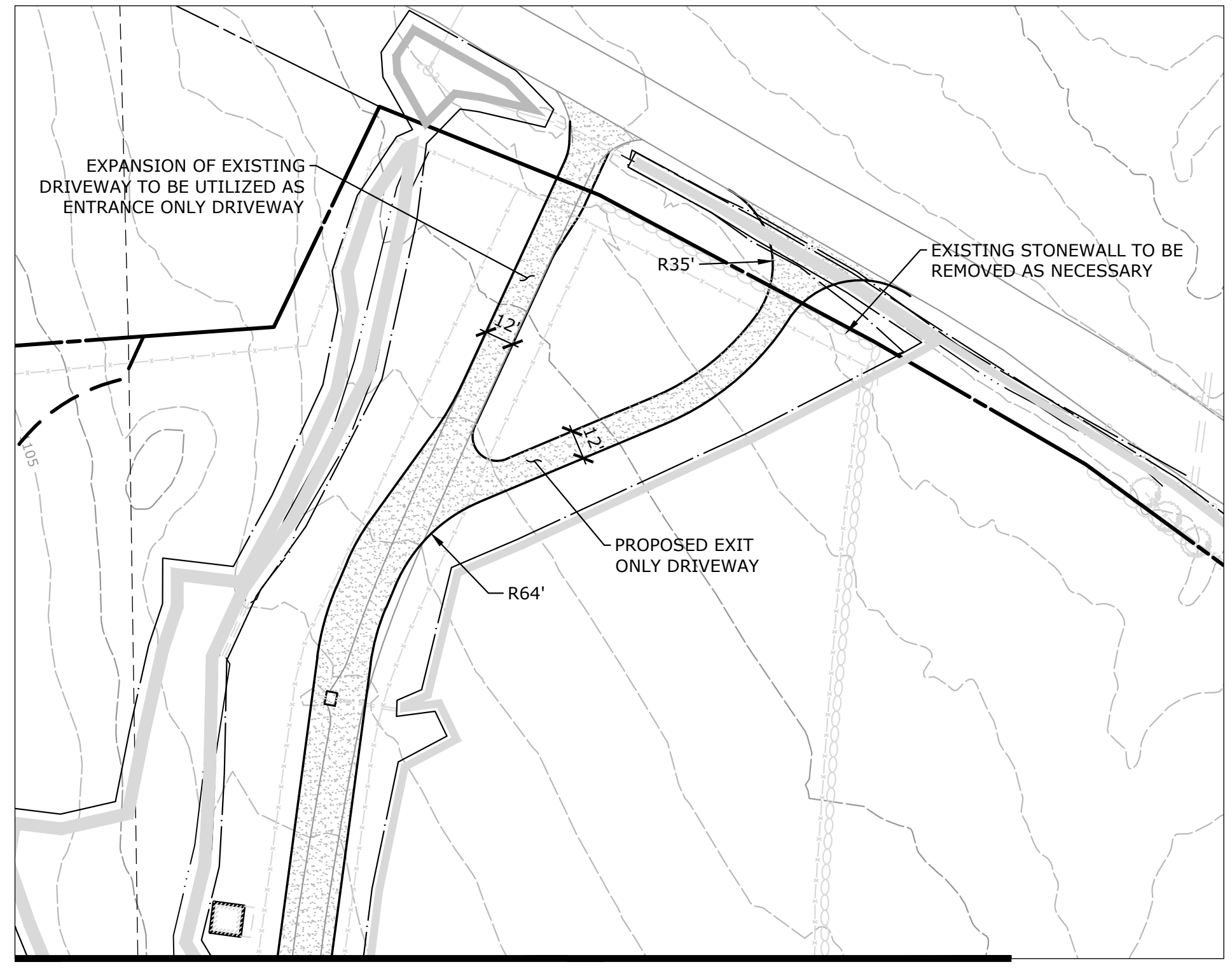
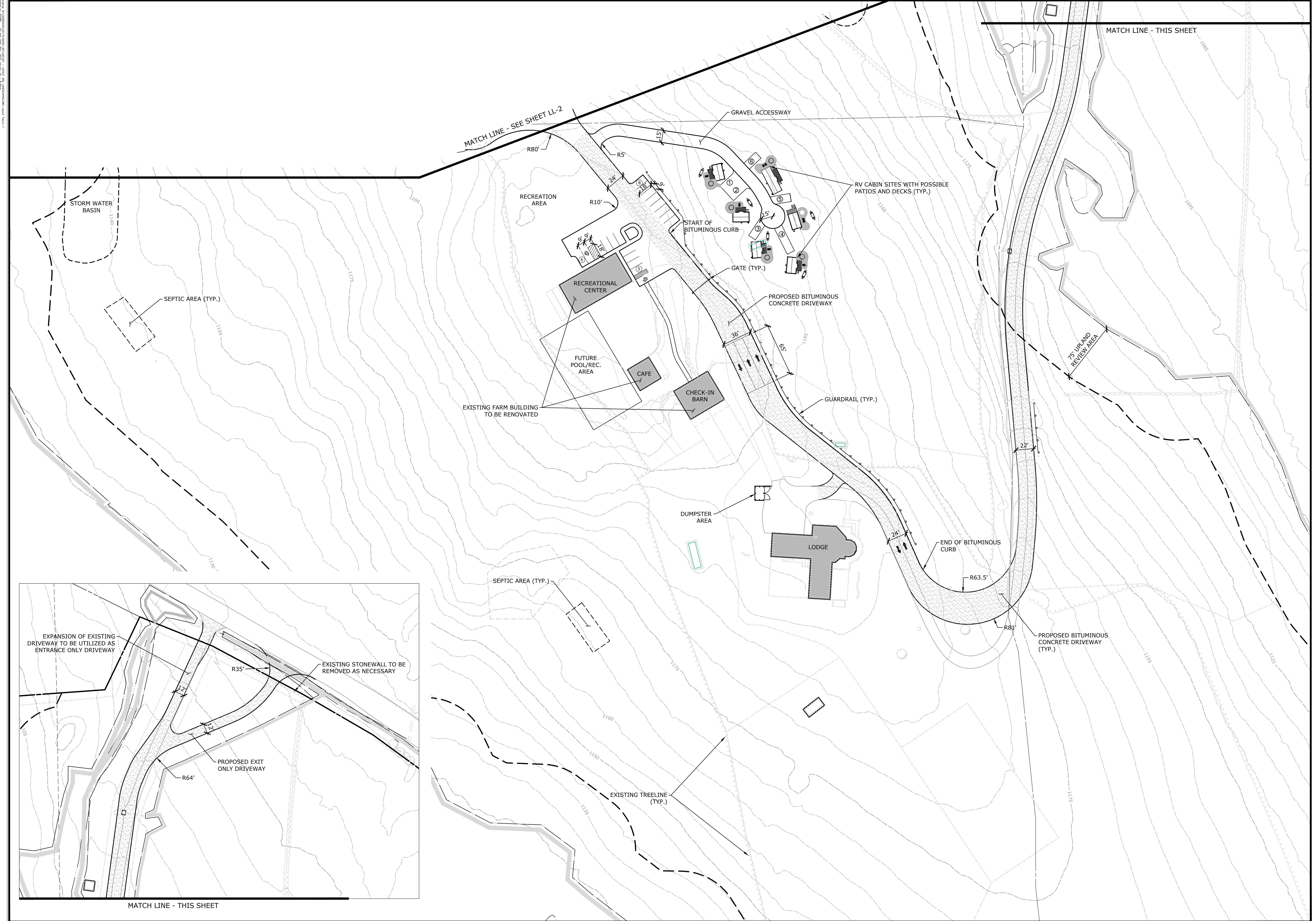
DESCRIPTION	DATE	BY
TYPD FIX	11/02/2023	ACD

SITE PLAN - EXISTING CONDITIONS
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

ACD	ACD	RJM
DESIGNED	DRAWN	CHECKED
SCALE: 1"=50'		
DATE: NOVEMBER 9, 2022		
PROJECT NO.: 20174.00002		
SHEET NO.: 04 OF 23		

I HEREBY CERTIFY THAT THE INLAND WETLAND BOUNDARY AND WATERCOURSE LINE(S) AS SHOWN ON THIS MAP ARE SUBSTANTIALLY CORRECT.
 Matthew Sanford
 MATTHEW SANFORD - CERTIFIED SOIL SCIENTIST

EX-2



SLR
 99 REALTY DRIVE
 SUITE 100
 TORRINGTON, CT 06801
 TEL: 203.771.1772
 WWW.SLRCONSULTING.COM

DESCRIPTION	DATE	BY
CITY STAFF COMMENTS	11/09/2023	ACD

SITE PLAN - LAYOUT & LANDSCAPING
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

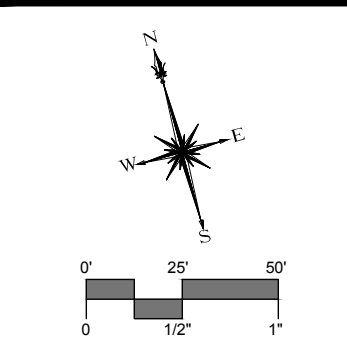
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DESIGNED	DRAWN	CHECKED
SCALE: 1"=50'		
DATE: NOVEMBER 9, 2022		
PROJECT NO.: 20174.00002		
SHEET NO.: 05 OF 23		

LL-1



REGULATED ACTIVITY #1
 DESCRIPTION: CLEARING AND GRUBBING OF EXISTING WOODS. INSTALLATION OF SEPTIC LEACHING FIELDS AND STORM WATER MANAGEMENT BASIN AND ASSOCIATED INFRASTRUCTURE.
 DIRECT WETLAND ACTIVITY: 0 SF (0.0 AC)
 UPLAND REVIEW ACTIVITY: 25,545 SF (0.586 AC)

REGULATED ACTIVITY #2
 DESCRIPTION: CLEARING AND GRUBBING OF EXISTING WOODS. STORM WATER MANAGEMENT BASINS AND ASSOCIATED INFRASTRUCTURE.
 DIRECT WETLAND ACTIVITY: 0 SF (0.0 AC)
 UPLAND REVIEW ACTIVITY: 14,850 SF (0.340 AC)



DESCRIPTION	DATE	BY
CITY STAFF COMMENTS	11/02/23	ACD

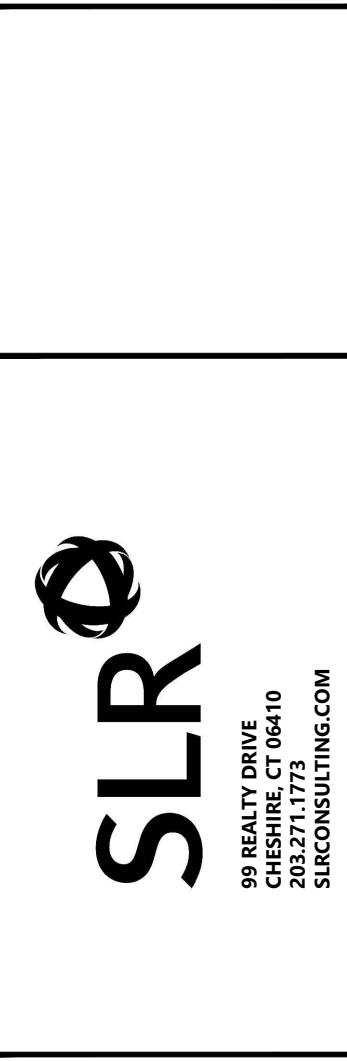
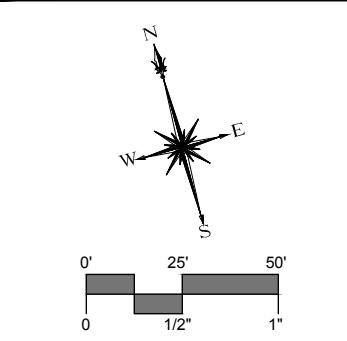
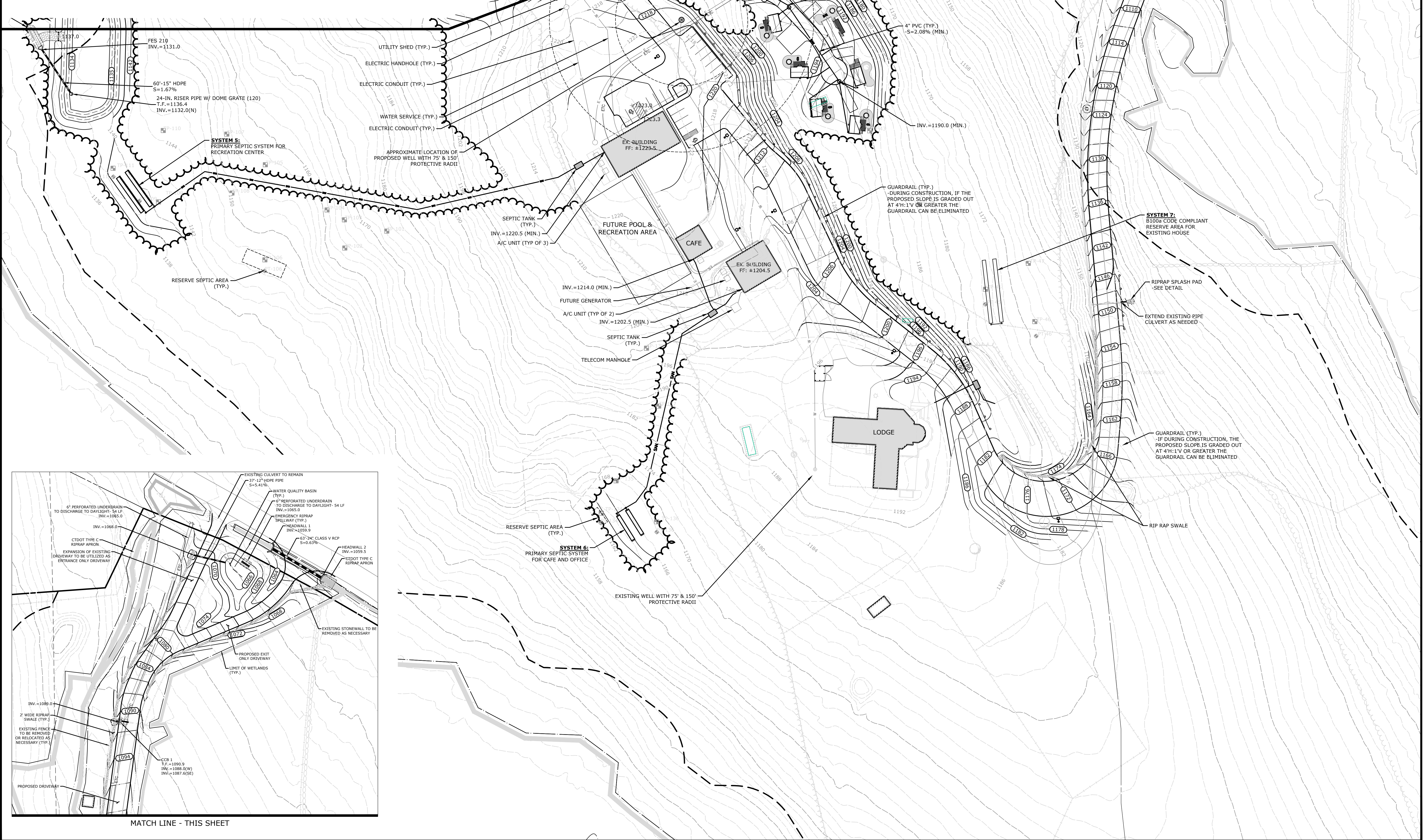
SITE PLAN - LAYOUT & LANDSCAPING
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

ACD	ACD	RJM
DESIGNED	DRAWN	CHECKED
SCALE: 1"=50'		
DATE: NOVEMBER 9, 2022		
PROJECT NO.: 20174.00002		
SHEET NO.: 06 OF 23		

LL-2
 SHEET NAME

UTILITY NOTES:

- COORDINATION SHALL BE MADE WITH TORRINGTON AREA HEALTH DISTRICT PRIOR TO ANY WORK BEING PERFORMED ON THE WATER SERVICES THROUGHOUT THE PROJECT SITE.
- COORDINATION SHALL BE MADE WITH TORRINGTON AREA HEALTH DISTRICT TO ANY WORK BEING PERFORMED ON SEPTIC SERVICES THROUGHOUT THE PROJECT SITE.
- COORDINATION SHALL BE MADE WITH NORTHEAST UTILITIES SERVICE COMPANY/EVERSOURCE ENERGY PRIOR TO ANY WORK BEING PERFORMED ON THE ELECTRICAL SERVICES THROUGHOUT THE PROJECT SITE.
- ELECTRICAL/TELECOMMUNICATIONS CONDUITS AND STRUCTURES ARE CONSIDERED APPROXIMATE AND BASED ON ELECTRICAL PLANS PREPARED BY C&H ELECTRIC.
- REFER TO MEP PLANS FOR ALL SERVICE CONNECTION LOCATIONS AND ELEVATIONS AT THE EXISTING BUILDING, INCLUDING BUT NOT LIMITED TO ROOF LEADER CONNECTIONS, WATER, GAS, ELECTRIC AND SANITARY SERVICES.
- LOCATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE.
- CALL BEFORE YOU DIG TO BE CONDUCTED AND PAINT MARKINGS TO BE FIELD IDENTIFIED PRIOR TO CONSTRUCTION.
- ALL STORM SEWER PIPES SHALL BE SMOOTH LINED CORRUGATED HDPE. ALL SANITARY SEWER PIPES SHALL BE PVC SDR-35.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AN ENCROACHMENT PERMIT AS REQUIRED BY THE CITY OF TORRINGTON PUBLIC WORKS DEPARTMENT FOR ALL WORK WITHIN THE CITY RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO UTILITY WORK AND EXCAVATION.

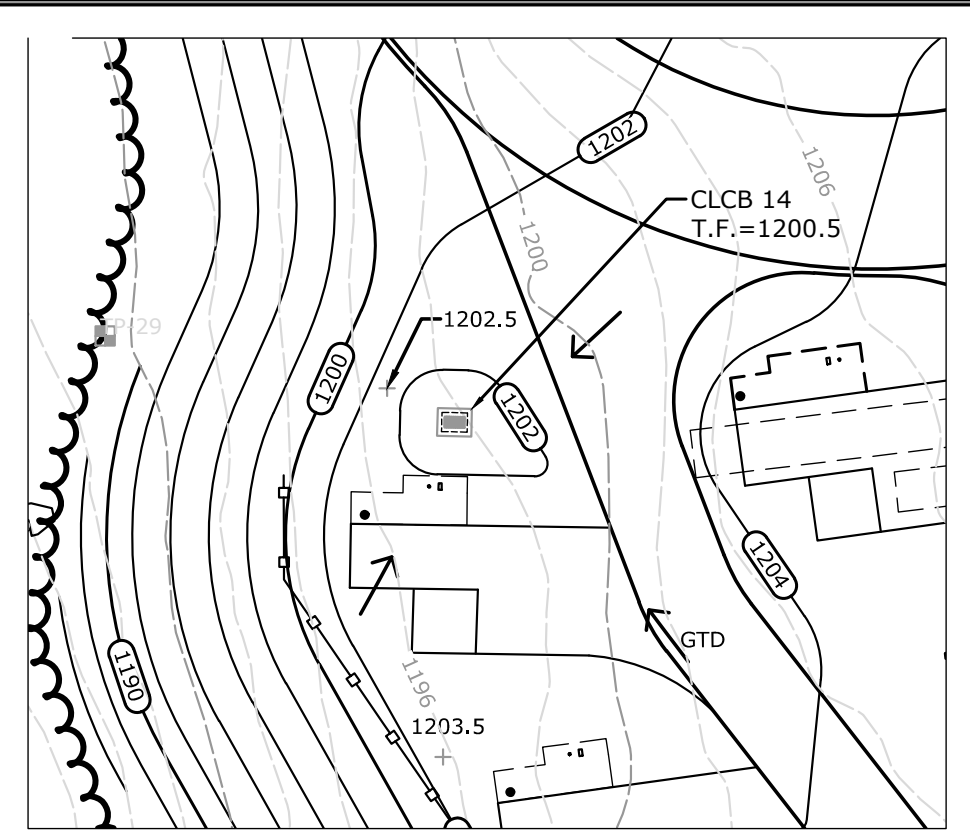
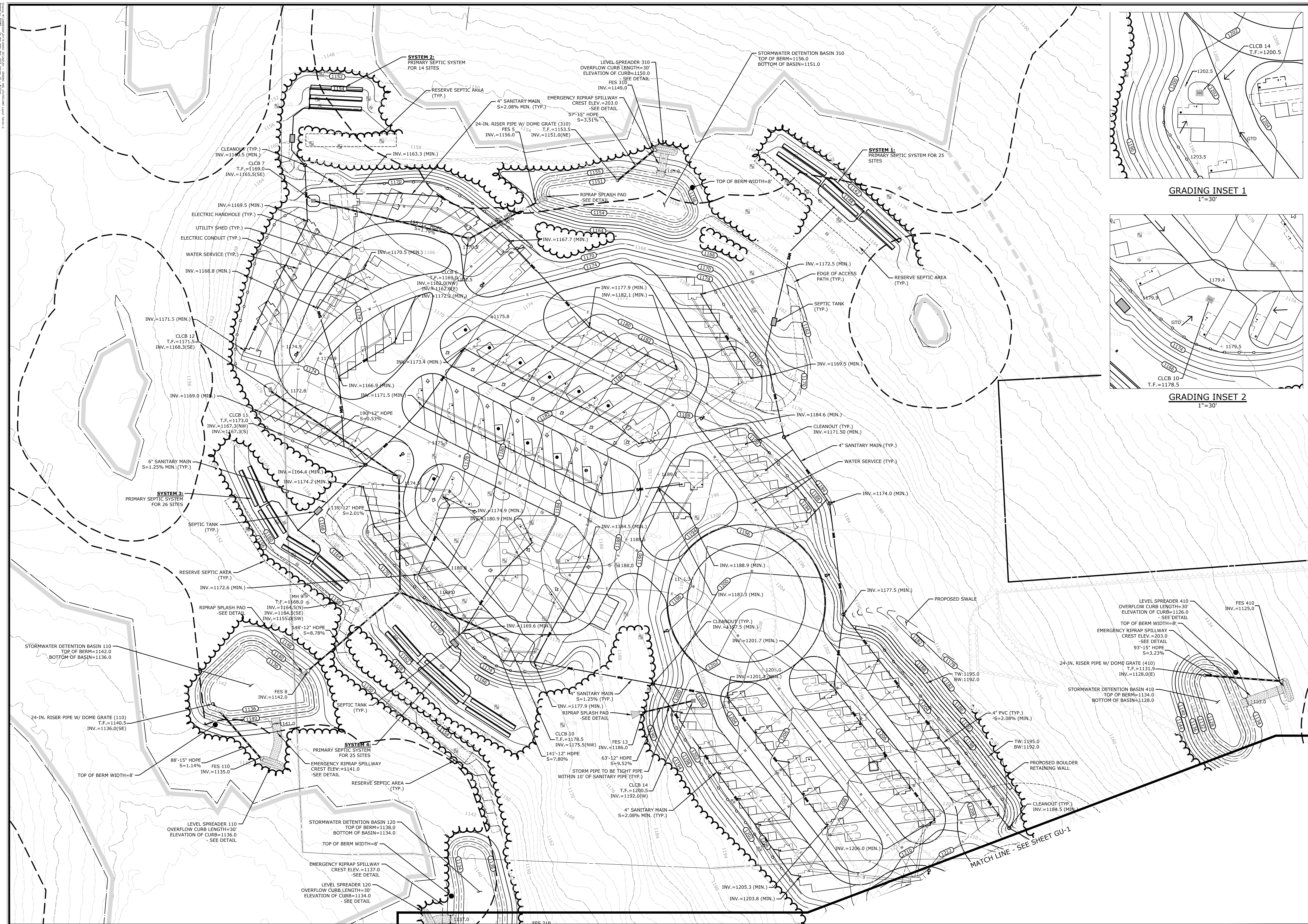


DESCRIPTION	DATE	BY
CITY ENGINEER COMMENTS	12/07/2022	ACD

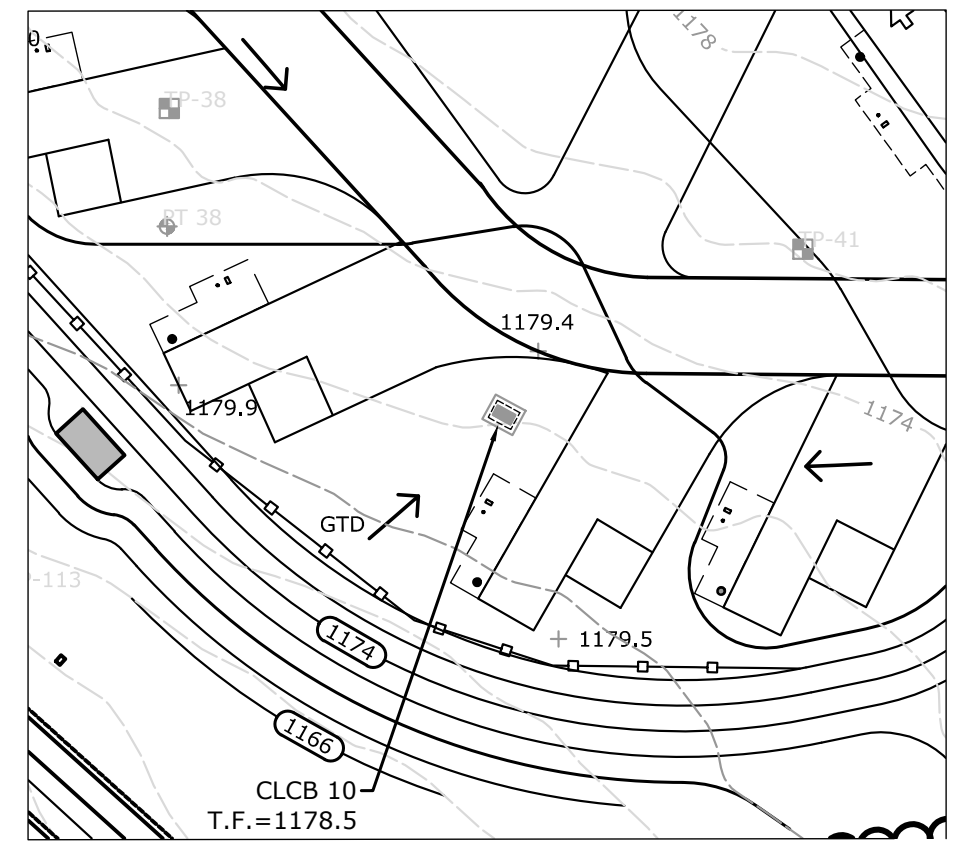
ACD	ACD	RJM
DESIGNED	DRAWN	CHECKED

SITE PLAN - GRADING & UTILITIES
KLUG HILL RV PARK
KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

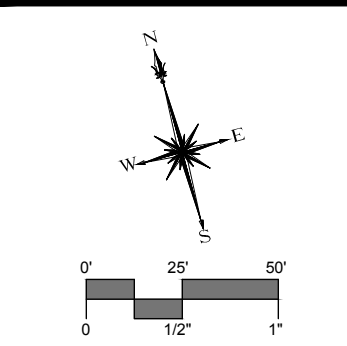
SCALE: 1"=50'
 DATE: NOVEMBER 9, 2022
 PROJECT NO.: 20174.00002
 SHEET NO.: 07 OF 23
GU-1



GRADING INSET 1
1"=30'



GRADING INSET 2
1"=30'



DESCRIPTION	DATE	BY
CITY ENGINEER COMMENTS	12/09/2022	ACD

SITE PLAN - GRADING & UTILITIES
KLUG HILL RV PARK
KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

ACD	ACD	RJM
DESIGNED	DRAWN	CHECKED
SCALE: 1"=50'		
DATE: NOVEMBER 9, 2022		
PROJECT NO.: 20174.00002		
SHEET NO.: 08 OF 23		
GU-2		

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 TORRINGTON REQUIREMENTS, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.

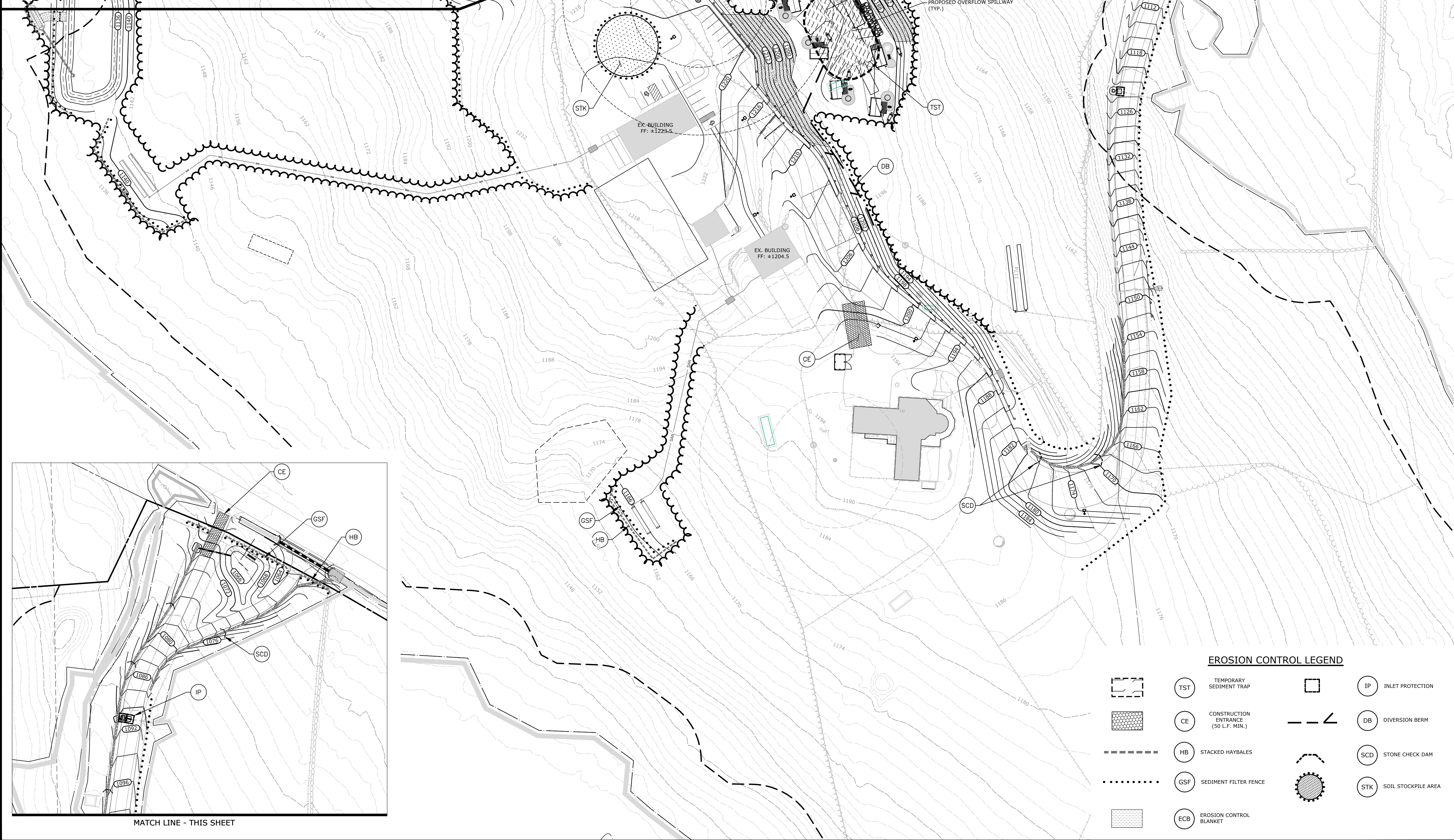
1. PURPOSE AND DESCRIPTION OF PROJECT
 A.) THE CONSTRUCTION OF A 92 SITE RV PARK DEVELOPMENT
 B.) DISTURBED AREA: ±20.5 AC.

2. IDENTIFICATION OF EROSION AND SEDIMENT CONTROL CONCERNS
 A.) CUTS AND FILLS ASSOCIATED WITH CONSTRUCTION.
 B.) PROTECTION OF OFFSITE DRAINAGE SYSTEMS
 C.) PROTECTION OF ON-SITE WETLANDS

3. IDENTIFICATION OF OTHER POSSIBLE PERMITS
 THE PERMITS REQUIRED FOR THE PROJECT ARE LOCAL INLAND WETLANDS, PLANNING AND ZONING PERMITS.

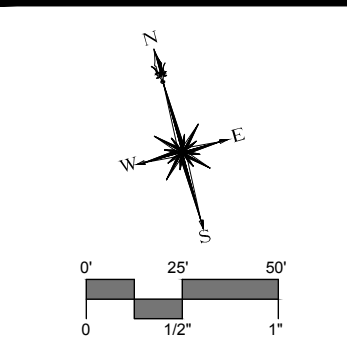
TEMPORARY SEDIMENT TRAP SIZING SUMMARY					
TRAP NO.	ACRES	VOLUME STORAGE REQUIRED	DEPTH STORAGE REQUIRED	LENGTH X WIDTH	VOLUME PROVIDED
#1	±5.0	670 CY	3.0 FT.	65 FT. X 100 FT.	722 CY
#2	±5.0	670 CY	3.0 FT.	65 FT. X 100 FT.	722 CY
#3	±5.0	670 CY	3.0 FT.	65 FT. X 100 FT.	722 CY

*134 CY STORAGE VOLUME REQUIRED PER ACRE CONTRIBUTING AREA TO TST



EROSION CONTROL LEGEND

- | | | | | | |
|--|-----|--------------------------------------|--|-----|---------------------|
| | TST | TEMPORARY SEDIMENT TRAP | | IP | INLET PROTECTION |
| | CE | CONSTRUCTION ENTRANCE (50 L.F. MIN.) | | DB | DIVERSION BERM |
| | HB | STACKED HAYBALES | | SCD | STONE CHECK DAM |
| | GSF | SEDIMENT FILTER FENCE | | STK | SOIL STOCKPILE AREA |
| | ECB | EROSION CONTROL BLANKET | | | |

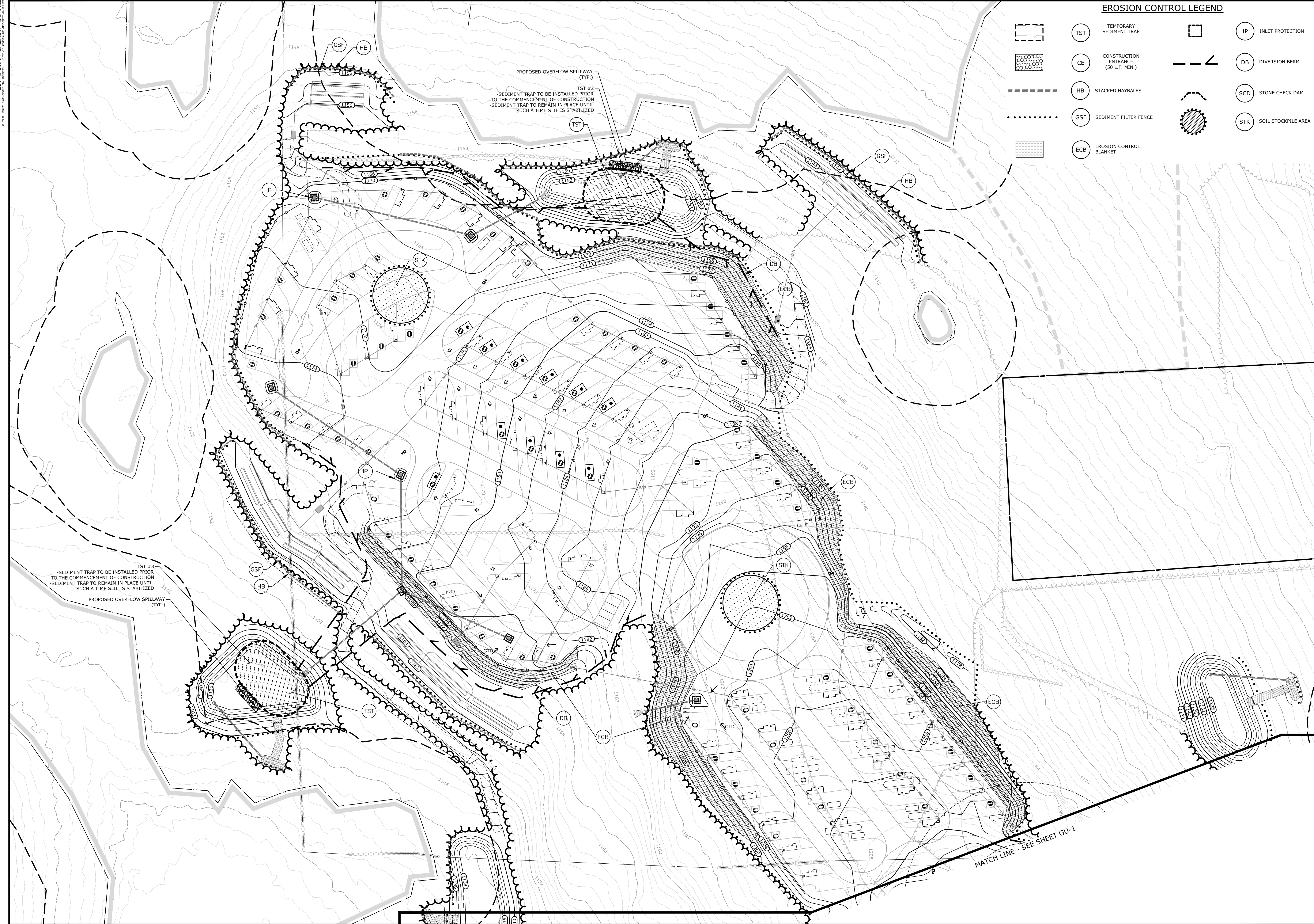


DESCRIPTION	DATE	BY
CITY STAFF COMMENTS	11/02/23	ACD

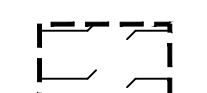
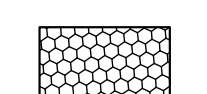




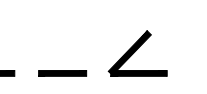

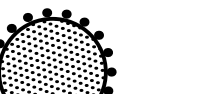
SITE PLAN - SEDIMENT & EROSION CONTROL PLAN
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

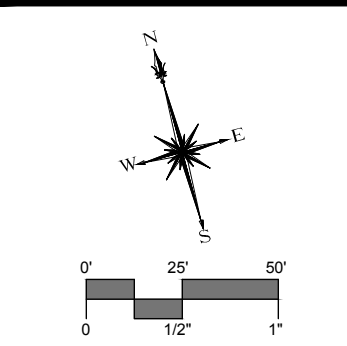
ACD	MLA	RJM
DESIGNED	DRAWN	CHECKED
SCALE: 1"=50'		
DATE: NOVEMBER 9, 2022		
PROJECT NO.: 20174.00002		
SHEET NO.: 09 OF 23		

SE-1



EROSION CONTROL LEGEND

-  TST TEMPORARY SEDIMENT TRAP
-  CE CONSTRUCTION ENTRANCE (50 L.F. MIN.)
-  HB STACKED HAYBALES
-  GSF SEDIMENT FILTER FENCE
-  ECB EROSION CONTROL BLANKET
-  IP INLET PROTECTION
-  DB DIVERSION BERM
-  SCD STONE CHECK DAM
-  STK SOIL STOCKPILE AREA



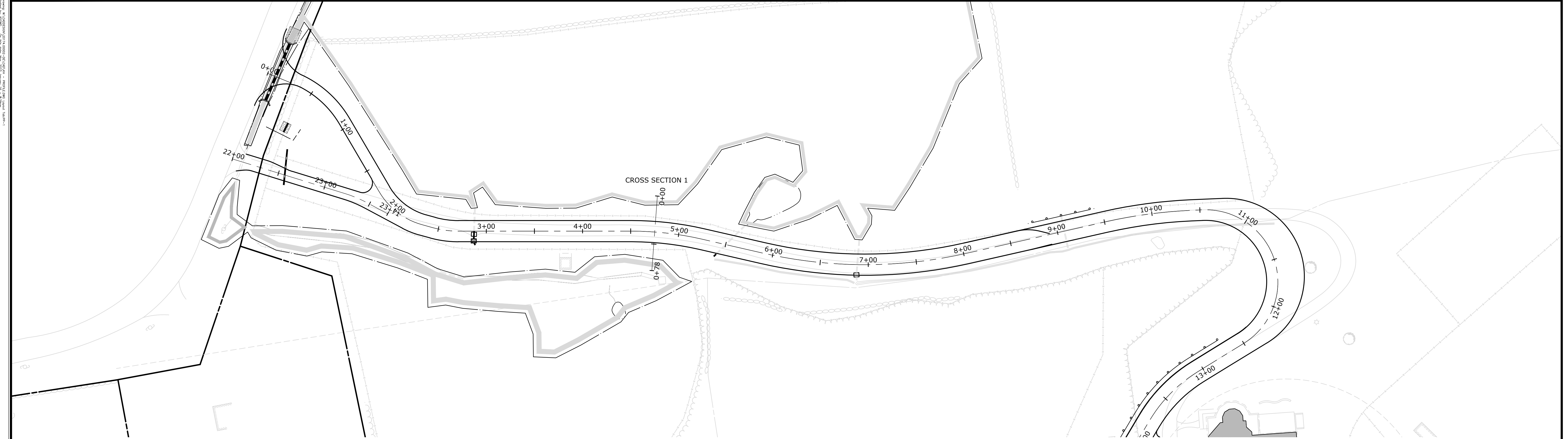
DESCRIPTION	DATE	BY
CITY STAFF COMMENTS	11/02/2023	ACD

SITE PLAN - SEDIMENT & EROSION CONTROL PLAN
KLUG HILL RV PARK
KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

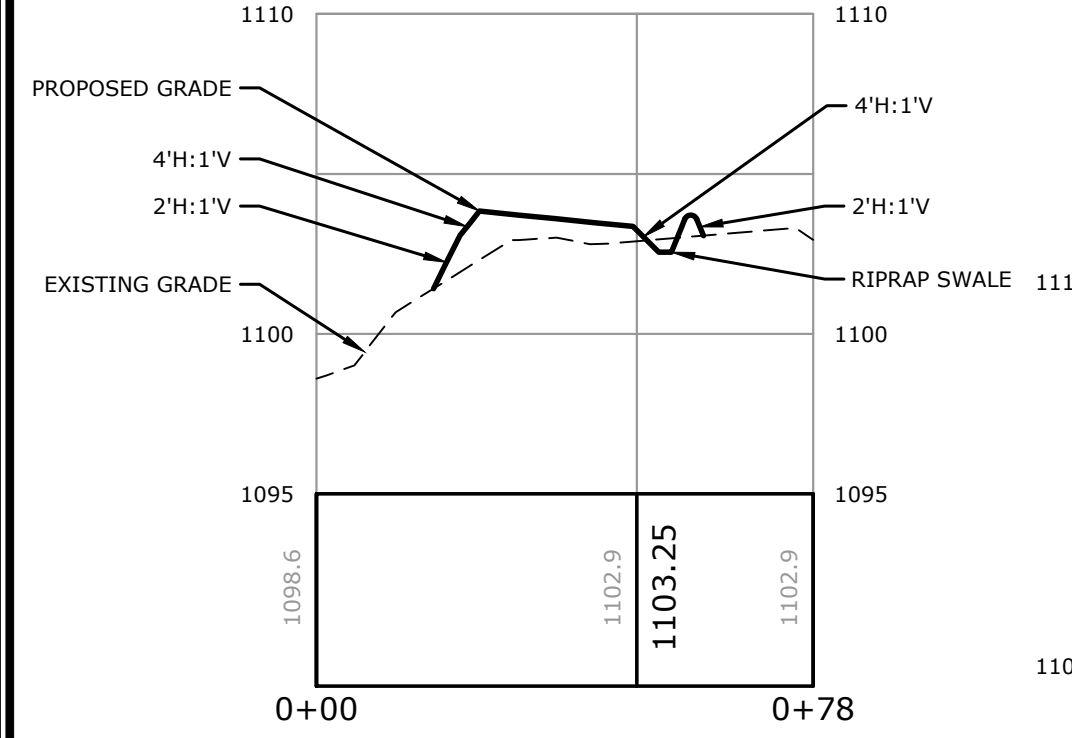
ACD DESIGNED	MLA DRAWN	RJM CHECKED
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DATE NOVEMBER 9, 2022		
PROJECT NO. 20174.00002		
SHEET NO. 10 OF 23		

SE-2

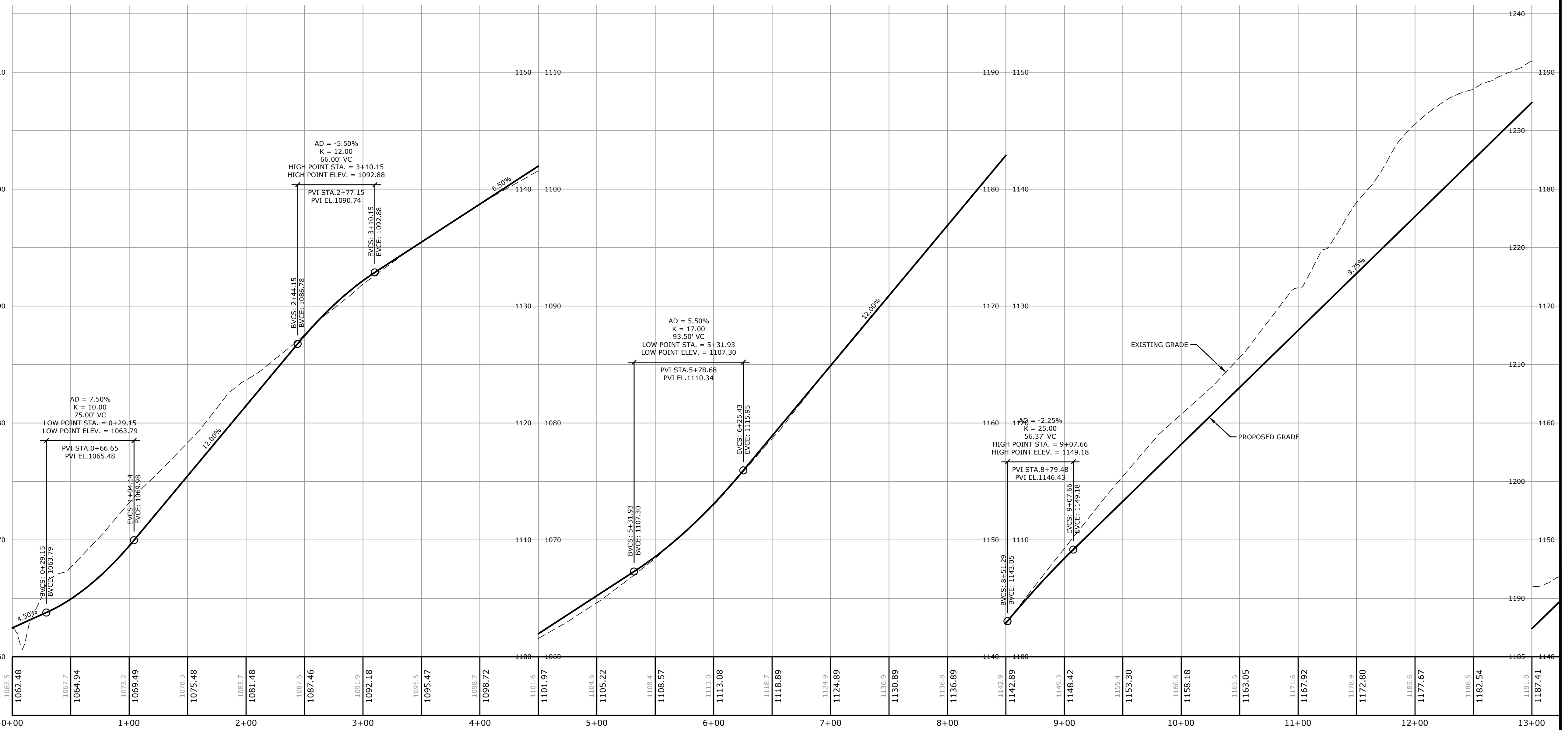
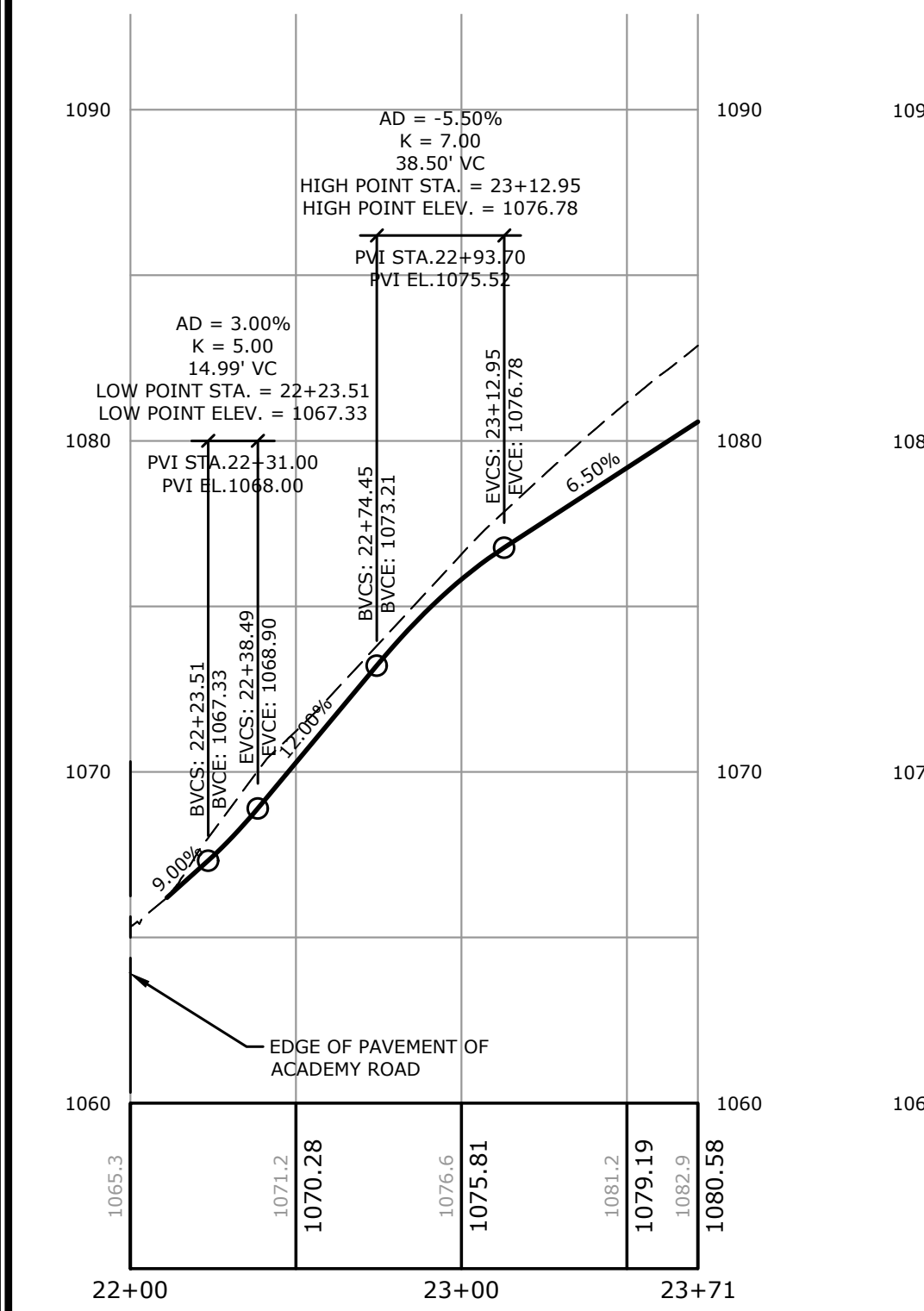
TORRINGTON, CONNECTICUT
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 11/02/2023



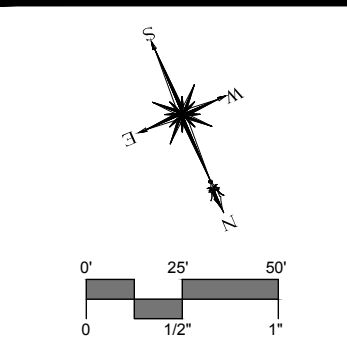
PLAN VIEW
1"=50'



CROSS SECTION 1
1"=30' H
1"=6' V



PROFILE VIEW
1"=50' H
1"=5' V



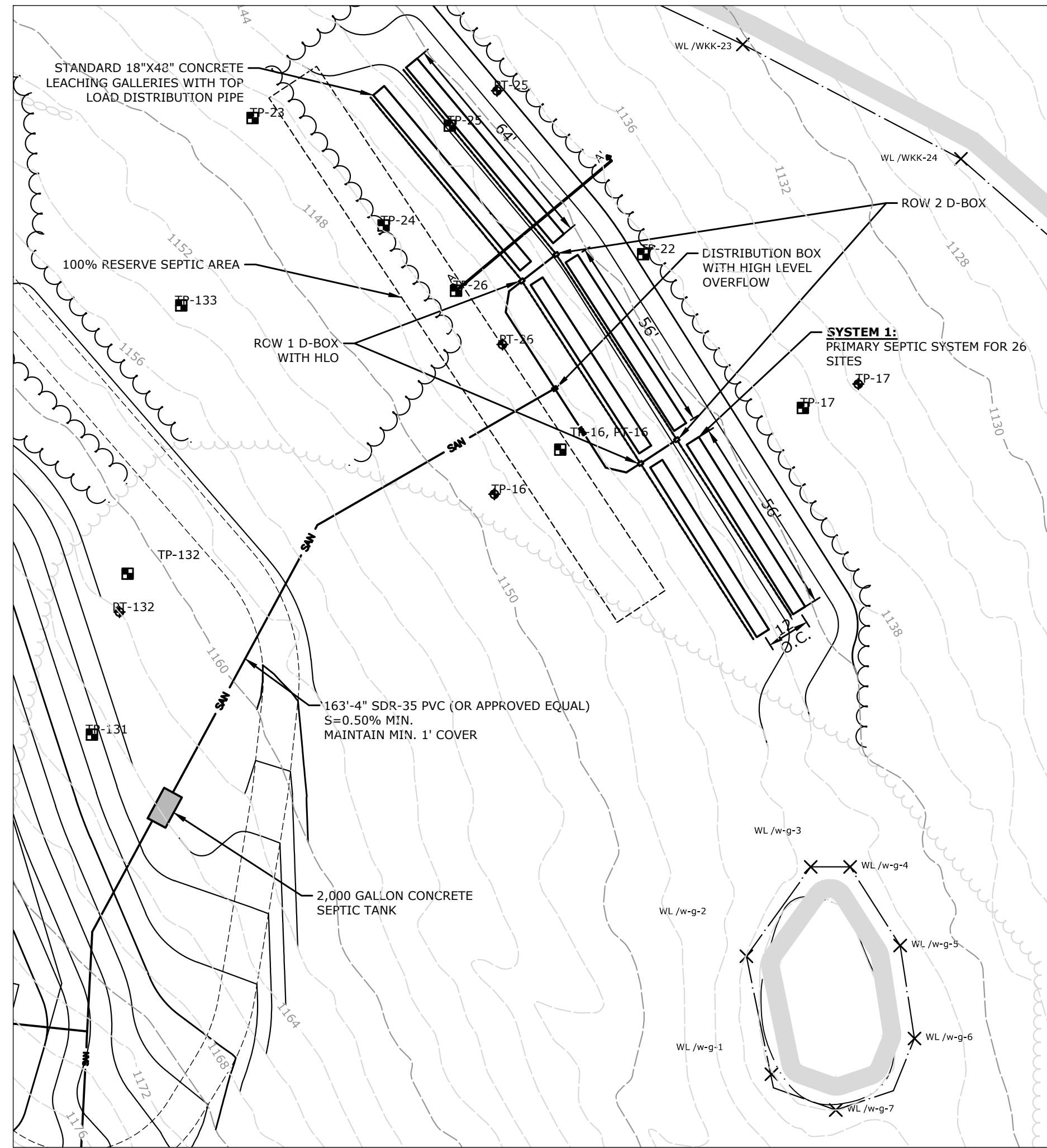
DESCRIPTION	DATE	BY

SITE PLAN - PLAN & PROFILE
KLUG HILL RV PARK
KOA CAMPGROUND
232 KLUG HILL ROAD
TORRINGTON, CONNECTICUT

ACD DESIGNED	ACD DRAWN	RJM CHECKED
AS NOTED		
JANUARY 13, 2023		
PROJECT NO. 20174.00002		
SHEET NO. 11 OF 23		

PP-1

SYSTEM 1



SYSTEM DESIGN

DESIGN BASIS: CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS DATED JANUARY 2018, AS AMENDED.

FLOW: 26 RV SITES

PERC RATE: 1.1-10.0 MIN/INCH

EFFECTIVE AREA REQUIRED = 2437.5 SQ.FT.
 RESTRICTIVE LAYER = MOTTLING AT 24" - TP-26
 SLOPE = 10.1-15.0%
 RS DEPTH = [36" (TOP OF SYSTEM TO RESTRICTIVE LAYER) + 26.5" (AVERAGE DEPTH TO RESTRICTIVE LAYER)] / 2 = 31.25"
 HYDRAULIC FACTOR (HF) = 20
 FLOW FACTOR (FF) = 6.5
 PERCOLATION FACTOR (PF) = 1.0
 MLSS = 20*6.5*1.0 = 130 LF
 PRIMARY AREA - USE 352 LF (2 ROWS OF 176') OF 18"x48" CONCRETE GALLERIES WITH TOP LOAD DISTRIBUTION PIPE
 EFFECTIVE LEACHING AREA PROVIDED = 2,464 SF (2X176 LF @ 7.0 SQ.FT./L.F.)

RESERVE AREA
 PERC RATE: 11.1-20.0 MIN/INCH
 EFFECTIVE AREA REQUIRED = 2,437.5 SQ.FT.
 RESTRICTIVE LAYER = 31" - TP-16

RESERVE AREA - USE 352 LF (2 ROWS OF 176') OF 18"x48" CONCRETE GALLERIES WITH TOP LOAD DISTRIBUTION PIPE
 EFFECTIVE LEACHING AREA PROVIDED = 2,464 SF (2X176 LF @ 7.0 SQ.FT./L.F.)

SEPTIC SYSTEM INVERT ELEVATIONS

SEPTIC TANK INLET = 1161.00
 SEPTIC TANK OUTLET = 1160.75

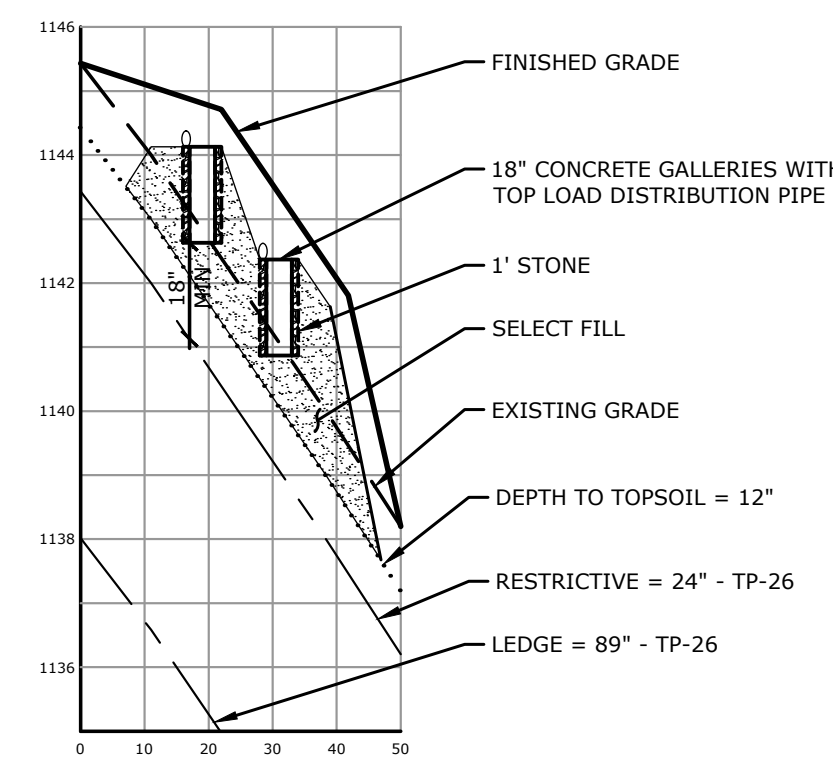
D-BOX = 1144.70

ROW 1 D-BOX = 1144.25
 (HLO) = 1144.35

ROW 1 INVERT ELEVATION = 1144.13
 ROW 1 BOTTOM ELEVATION = 1142.63

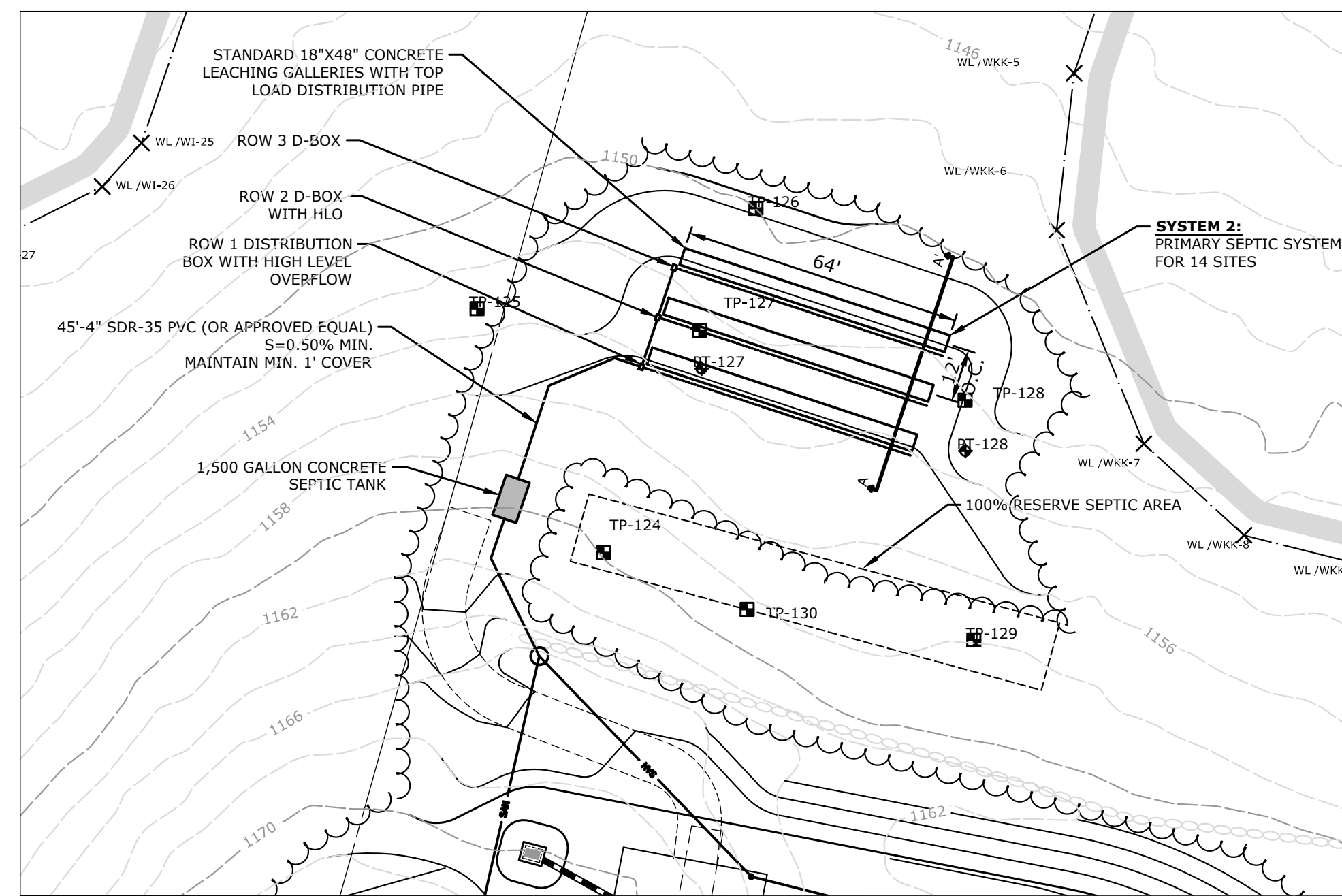
ROW 2 D-BOX = 1142.50

ROW 2 INVERT ELEVATION = 1142.37
 ROW 2 BOTTOM ELEVATION = 1140.87



SECTION A-A' - SYSTEM 1
 1" = 30" HORIZONTAL - 1" = 3" VERTICAL

SYSTEM 2



SYSTEM DESIGN

DESIGN BASIS: CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS DATED JANUARY 2018, AS AMENDED.

FLOW: 14 RV SITES

PERC RATE: 1.1-10.0 MIN/INCH

EFFECTIVE AREA REQUIRED = 1312.5 SQ.FT.
 RESTRICTIVE LAYER = MOTTLING AT 37" - TP-127
 SLOPE = 8.1-10.0%
 RS DEPTH = (52" (TOP OF SYSTEM TO RL) + 33" (AVERAGE DEPTH TO RESTRICTIVE LAYER SURROUNDING THE LEACHING SYSTEM)) = 42.5"
 HYDRAULIC FACTOR (HF) = 18
 FLOW FACTOR (FF) = 3.5
 PERCOLATION FACTOR (PF) = 1.0
 MLSS = 18*3.5*1.0 = 63 LF
 PRIMARY AREA - USE 192 LF (3 ROWS OF 64') OF 18"x48" CONCRETE GALLERIES
 EFFECTIVE LEACHING AREA PROVIDED = 1,344 SF (3X64 LF @ 7.0 SQ.FT./L.F.)

RESERVE AREA
 PERC RATE: 1.1-10.0 MIN/INCH
 EFFECTIVE AREA REQUIRED = 1,312.5 SQ.FT.
 RESTRICTIVE LAYER = 24"

RESERVE AREA - USE 224 LF (2 ROWS-112' LONG) OF 18"x48" CONCRETE GALLERIES
 EFFECTIVE LEACHING AREA PROVIDED = 1,388.8 SF (224 LF @ 6.2 SQ.FT./L.F.)

SEPTIC SYSTEM INVERT ELEVATIONS

SEPTIC TANK INLET = 1156.75
 SEPTIC TANK OUTLET = 1156.50

ROW 1 D-BOX = 1155.35
 (HLO)=1155.45

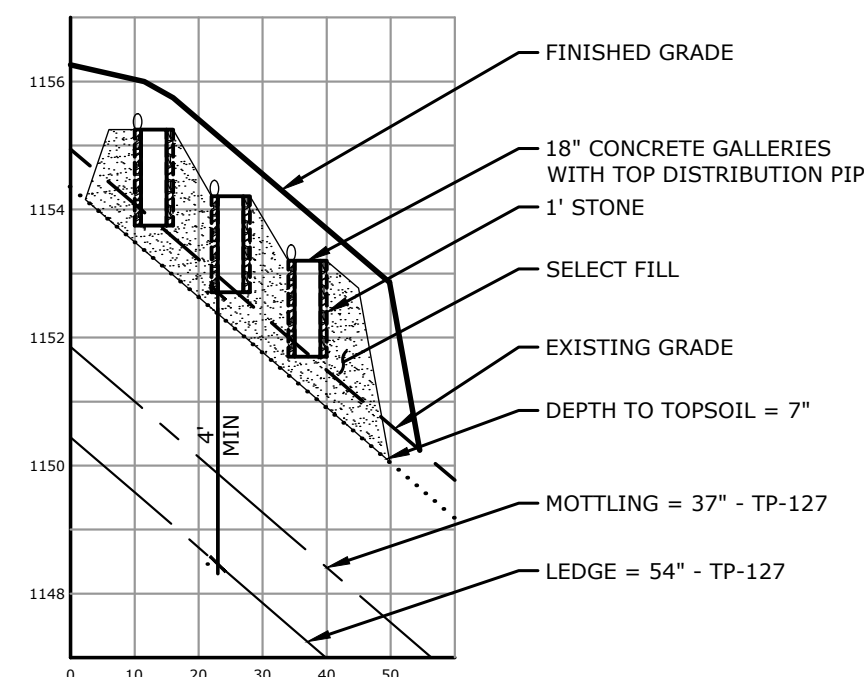
ROW 1 INVERT ELEVATION = 1155.25
 ROW 1 BOTTOM ELEVATION = 1153.75

ROW 2 D-BOX = 1154.30
 (HLO)=1154.40

ROW 2 INVERT ELEVATION = 1153.20
 ROW 2 BOTTOM ELEVATION = 1152.70

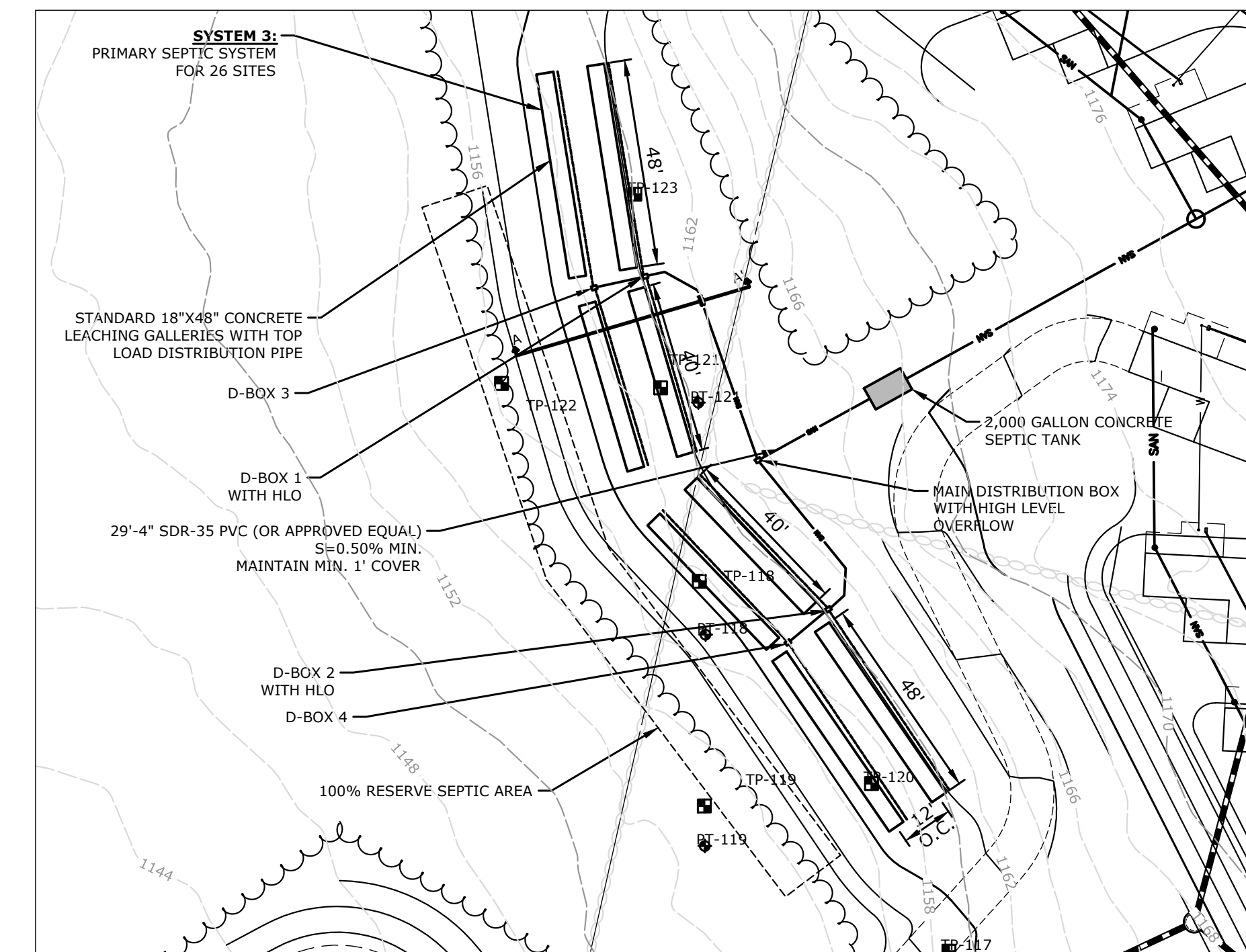
ROW 3 D-BOX = 1153.30

ROW 3 INVERT ELEVATION = 1153.20
 ROW 3 BOTTOM ELEVATION = 1151.70



SECTION A-A' - SYSTEM 2
 1" = 30" HORIZONTAL - 1" = 3" VERTICAL

SYSTEM 3



SYSTEM DESIGN

DESIGN BASIS: CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS DATED JANUARY 2018, AS AMENDED.

FLOW: 26 RV SITES

PERC RATE: 1.1-10.0 MIN/INCH

EFFECTIVE AREA REQUIRED = 2437.5 SQ.FT.
 RESTRICTIVE LAYER = DIGGABLE LEDGE AT 37" - TP-123
 SLOPE = 10.1-15.0%
 RS DEPTH = [42" (TOP OF SYSTEM TO RESTRICTIVE LAYER) + 37.50" (AVERAGE DEPTH TO RESTRICTIVE LAYER)] / 2 = 39.75"
 HYDRAULIC FACTOR (HF) = 18
 FLOW FACTOR (FF) = 6.5
 PERCOLATION FACTOR (PF) = 1.0
 MLSS = 18*6.5*1.0 = 117 LF
 PRIMARY AREA - USE 352 LF (2 ROWS OF 176') OF 18"x48" CONCRETE GALLERIES WITH TOP LOAD DISTRIBUTION PIPE
 EFFECTIVE LEACHING AREA PROVIDED = 2,464 SF (2X176 LF @ 7.0 SQ.FT./L.F.)

RESERVE AREA
 PERC RATE: 1.1-10.0 MIN/INCH
 EFFECTIVE AREA REQUIRED = 2,437.5 SQ.FT.
 RESTRICTIVE LAYER = 37" - TP-119

RESERVE AREA - USE 352 LF (2 ROWS OF 176') OF 18"x48" CONCRETE GALLERIES WITH TOP LOAD DISTRIBUTION PIPE
 EFFECTIVE LEACHING AREA PROVIDED = 2,464 SF (352LF @ 7.0 SQ.FT./L.F.)

SEPTIC SYSTEM INVERT ELEVATIONS

SEPTIC TANK INLET = 1163.00
 SEPTIC TANK OUTLET = 1162.75

MAIN D-BOX = 1162.00

ROW 1

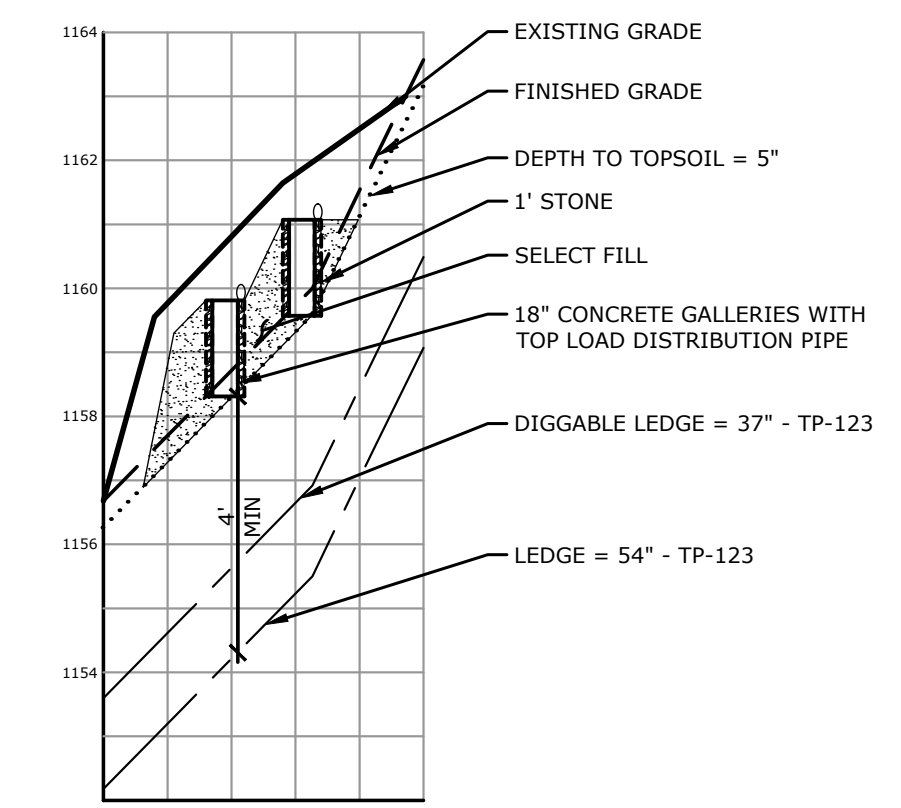
D-BOX 1 = 1161.20
 (HLO)=1161.30
 SECTION 1 INVERT ELEVATION = 1161.07
 SECTION 1 BOTTOM ELEVATION = 1159.57

D-BOX 2 = 1161.45
 (HLO)=1161.55
 SECTION 2 INVERT ELEVATION = 1161.35
 SECTION 2 BOTTOM ELEVATION = 1159.85

ROW 2

D-BOX 3 = 1159.95
 SECTION 1 INVERT ELEVATION = 1159.81
 SECTION 1 BOTTOM ELEVATION = 1158.31

D-BOX 4 = 1159.60
 SECTION 2 INVERT ELEVATION = 1159.50
 SECTION 2 BOTTOM ELEVATION = 1158.00



SECTION A-A' - SYSTEM 3
 1" = 30" HORIZONTAL - 1" = 3" VERTICAL



DESCRIPTION	DATE	BY
TAHD COMMENTS	12/29/2022	ACD

SEPTIC SYSTEM - SEPTIC DESIGN & CROSS SECTIONS
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

ACD	MLA	RJM
DESIGNED	DRAWN	CHECKED

AS NOTED

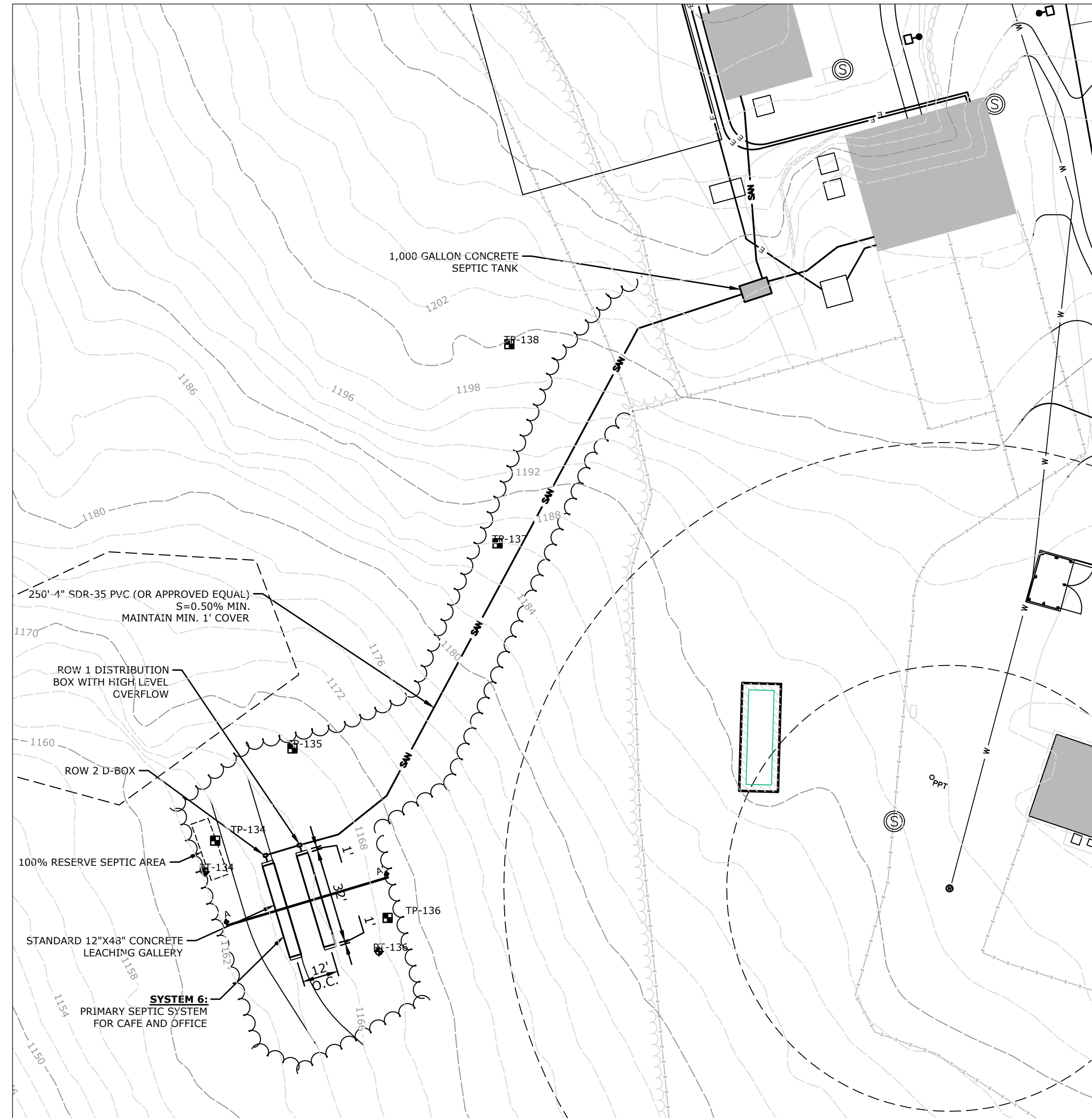
NOVEMBER 9, 2022

20174.00002

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SD-4

SYSTEM 6



SYSTEM DESIGN

DESIGN BASIS: CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS DATED JANUARY 2018, AS AMENDED.

FLOW: CAFE/OFFICE

PERC RATE: 1.1-10.0 MIN/INCH

EFFECTIVE AREA REQUIRED = 387.5 SQ.FT.

RESTRICTIVE LAYER = COMPACT AT 31" - TP-134

SLOPE = 10.1-15.0%

RS DEPTH = (AVERAGE DEPTH TO RESTRICTIVE LAYER) = 33.5"

HYDRAULIC FACTOR (HF) = 20

FLOW FACTOR (FF) = 1.03

PERCOLATION FACTOR (PF) = 1.0

MLSS = 20*1.03*1.0 = 20.67 LF

PRIMARY AREA - USE 64 LF (2 ROW OF 32' OF 12"X48" CONCRETE GALLERIES AND 1 LF OF 12"X48" STANDARD LEACHING TRENCH AT EACH END OF EACH ROW)

EFFECTIVE LEACHING AREA PROVIDED = 389.6 (2X32 LF @ 5.9 SQ.FT./L.F. AND 4 LF @ 3.0 SQ.FT./L.F.)

RESERVE AREA

PERC RATE: 1.1-10.0 MIN/INCH

EFFECTIVE AREA REQUIRED = 387.5 SQ.FT.

RESTRICTIVE LAYER = 31"

RESERVE AREA - USE 20 LF (1 ROW-20' LONG) MANTIS DOUBLE WIDE 100

EFFECTIVE LEACHING AREA PROVIDED = 400 SF (20 LF @ 11.0 SQ.FT./L.F.)

SEPTIC SYSTEM INVERT ELEVATIONS

SEPTIC TANK INLET = 1201.5

SEPTIC TANK OUTLET = 1201.25

ROW 1 D-BOX = 1166.00

(HLO) = 1166.10

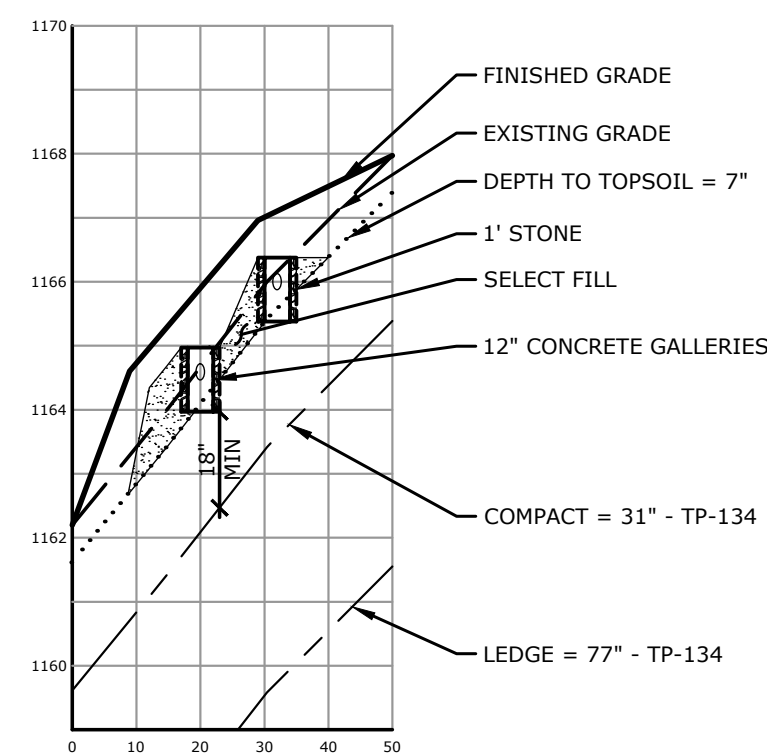
ROW 1 INVERT ELEVATION = 1165.88

ROW 1 BOTTOM ELEVATION = 1165.38

ROW 2 D-BOX = 1164.60

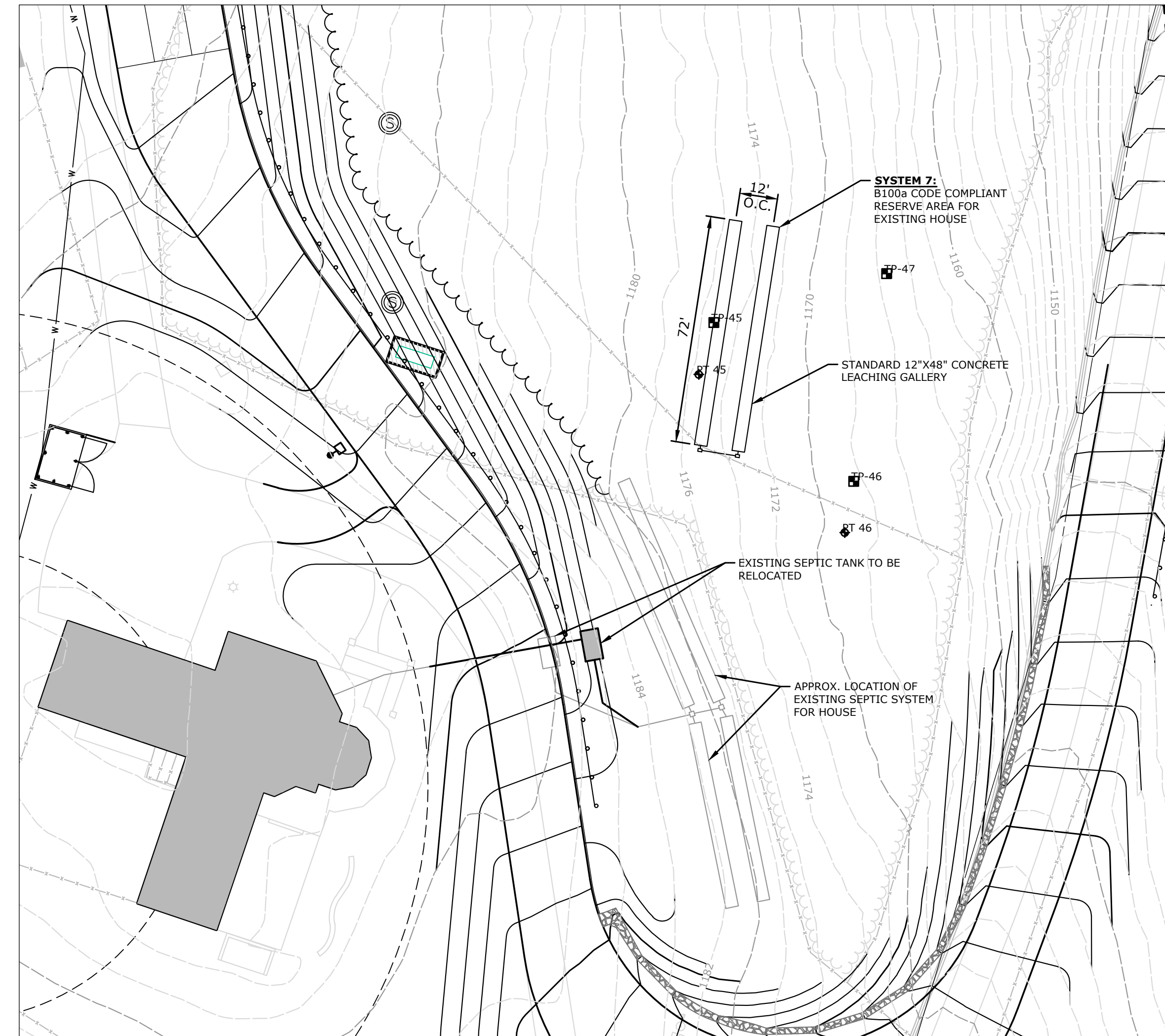
ROW 2 INVERT ELEVATION = 1164.47

ROW 2 BOTTOM ELEVATION = 1163.97



SECTION A-A' - SYSTEM 6
1" = 30' HORIZONTAL - 1" = 3' VERTICAL

SYSTEM 7



SYSTEM DESIGN

DESIGN BASIS: CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS DATED JANUARY 2018, AS AMENDED.

FLOW: EXISTING HOUSE (4 BEDROOMS)

PERC RATE: 10.1-20.0 MIN/INCH

EFFECTIVE AREA REQUIRED = 787.5 SQ.FT.

RESTRICTIVE LAYER = COMPACT AT 28" - TP-45

SLOPE = >=15.0%

RS DEPTH = (AVERAGE DEPTH TO RESTRICTIVE LAYER) = 33.3"

HYDRAULIC FACTOR (HF) = 18

FLOW FACTOR (FF) = 1.75

PERCOLATION FACTOR (PF) = 1.25

MLSS = 18*1.75*1.25 = 39.375 LF

RESERVE AREA - USE 144 LF (2 ROW OF 72' OF 12"X48" CONCRETE GALLERIES)

EFFECTIVE LEACHING AREA PROVIDED = 849.6 SF (2X72 LF @ 5.9 SQ.FT./L.F.)



DESCRIPTION	DATE	BY
TAHD COMMENTS	12/29/2022	ACD

SEPTIC SYSTEM - SEPTIC DESIGN & CROSS SECTIONS
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

ACD	MLA	RJM
DESIGNED	DRAWN	CHECKED
AS NOTED		
NOVEMBER 9, 2022		
DATE		
PROJECT NO. 20174.00002		
DATE		
SHEET NO. 18 OF 23		

SD-6

SEDIMENT & EROSION CONTROL SPECIFICATIONS

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, WATER BODY, 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 WATER BODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON THE SITE.

LAND GRADING

1. 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 PERMANENT CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).
- THE PERMANENT EXPOSED FACES OF EARTHEN 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).

d. PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.

e. 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.

f. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATER BODIES BODIES.

g. PRIOR TO ANY REGRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

TOPSOILING

GENERAL:

1. 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.

2. UPON ATTAINING FINAL UPGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.

3. REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION DEBRIS.

4. APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE.

MATERIAL:

1. TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.

2. TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.

3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES (OVER 1" IN DIAMETER), LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, KNOTGRASS, AND QUAKERS.

4. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL.

5. SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PM) IS LESS SUITABLE. AVOID TIDAL MARSH SOILS BECAUSE OF HIGH SALT CONTENT AND SULFUR ACIDITY.

6. THE pH SHOULD BE MORE THAN 6.0. IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL.

APPLICATION:

1. AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.

2. SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST SIX INCHES (6") OR TO THE DEPTH SHOWN ON THE LANDSCAPING PLANS.

TEMPORARY VEGETATIVE COVER

GENERAL:

1. 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 MORE THAN 30 DAYS. AREAS TO BE LEFT EXPOSED FOR MORE THAN 30 DAYS SHALL BE SEEDED WITHIN 7 DAYS OF SUSPENSION OF CONSTRUCTION ACTIVITIES. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEEDED BY SEPTEMBER 1.

SITE PREPARATION:

1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.

2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.

3. APPLY LIME ACCORDING TO SOIL TEST OR AT A RATE OF ONE (1) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER 100 SQ. FT.).

4. APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 300 LBS. OF 10-10-10 PER ACRE (7 LBS. PER 1,000 SQ. FT.) AND SECOND APPLICATION OF 200 LBS. OF 10-10-10 (5 LBS. PER 1,000 SQ. FT.) WHEN GRASS IS FOUR INCHES (4") TO SIX INCHES (6") HIGH. APPLY ONLY WHEN GRASS IS DRY.

5. UNLESS HYDROSEEDDED, WORK IN LIME AND FERTILIZER TO A DEPTH OF FOUR (4") INCHES USING A DISK OR ANY SUITABLE EQUIPMENT.

6. TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.

ESTABLISHMENT:

1. SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).

2. APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.

3. UNLESS HYDROSEEDDED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.

4. MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW.) APPLY STRAW OR HAY MULCH AND ANCHOR TO SLOPES GREATER THAN 3% OR WHERE CONCENTRATED FLOW WILL OCCUR.

PERMANENT VEGETATIVE COVER

GENERAL:

1. 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 SHALL BE SEEDED WITHIN 7 DAYS OF ESTABLISHMENT OF FINAL GRADES.

2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.

3. PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.

4. APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.

5. APPLY FERTILIZER ACCORDING TO SOIL TEST OR:

o SPREAD SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 300 LBS. OF 10-10-10 FERTILIZER PER ACRE (7 LBS. PER 1,000 SQ. FT.); THEN SIX (6) TO EIGHT (8) WEEKS LATER, APPLY ON THE SURFACE AN ADDITIONAL 300 LBS. OF 10-10-10 FERTILIZER PER ACRE. AFTER SEPTEMBER 1, TEMPORARY VEGETATIVE COVER SHALL BE APPLIED.

o FALL SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 600 LBS. OF 10-10-10 FERTILIZER PER ACRE (14 LBS. PER 1,000 SQ. FT.).

VEGETATIVE COVER SELECTION & MULCHING

PERENNIAL RYEGRASS 3 LBS./1,000 SQ.FT. (LOLIUM PERENNE)

* PERMANENT VEGETATIVE COVER:

BARON KENTUCKY BLUEGRASS 60%

JAMESTOWN II CHEWINGS FESCUE 20%

PALMER PERENNIAL RYEGRASS 20%

* LOFTS - "TRIPLEX GENERAL" MIX OR APPROVED EQUAL.

RECOMMENDED TIME SEEDING. 5 LB./1,000 S.F. SEEDING RATE.

SPRING SEEDING: 4/1 to 5/31

FALL SEEDING: 8/16 to 10/15

TEMPORARY MULCHING:

STRAY OR HAY 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS)

WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

ESTABLISHMENT:

1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).

2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).

3. APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.

4. COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).

5. MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).

6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.

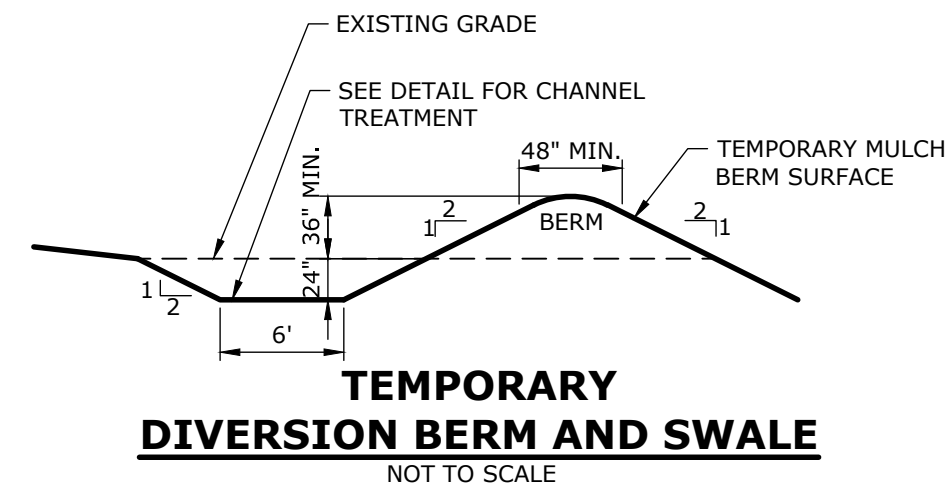
7. USE SOD WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

MAINTENANCE:

1. TEST FOR SOIL ACIDITY LIME AS REQUIRED.

2. ON SITES WHERE GRASSES PREDOMINATE, BROADCAST ANNUALLY 500 POUNDS OF 10-10-10 FERTILIZER PER ACRE (12 LBS. PER 1,000 SQ. FT.) OR AS NEEDED ACCORDING TO ANNUAL SOIL TESTS.

3. ON SITES WHERE LEGUMES PREDOMINATE, BROADCAST AS INDICATED BY SOIL TEST 300 POUNDS OF 0-20-0 OR EQUIVALENT PER ACRE (8 LBS PER 1,000 SQ. FT.).



TEMPORARY DIVERSION BERM AND SWALE NOT TO SCALE

NOTES:

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

2. 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.

3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.

4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.

5. ENSURE THAT CHANNEL APURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

6. PERMANENT VEGETATIVE COVER:

BARON KENTUCKY BLUEGRASS 60%

JAMESTOWN II CHEWINGS FESCUE 20%

PALMER PERENNIAL RYEGRASS 20%

* LOFTS - "TRIPLEX GENERAL" MIX OR APPROVED EQUAL.

RECOMMENDED TIME SEEDING. 5 LB./1,000 S.F. SEEDING RATE.

SPRING SEEDING: 4/1 to 5/31

FALL SEEDING: 8/16 to 10/15

TEMPORARY MULCHING:

STRAY OR HAY 70-90 LBS./1,000 SQ.FT. (TEMPORARY VEGETATIVE AREAS)

WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

ESTABLISHMENT:

1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).

2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).

3. APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.

4. COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).

5. MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).

6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.

7. USE SOD 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:

1. TEST FOR SOIL ACIDITY LIME AS REQUIRED.

2. ON SITES WHERE GRASSES PREDOMINATE, BROADCAST ANNUALLY 500 POUNDS OF 10-10-10 FERTILIZER PER ACRE (12 LBS. PER 1,000 SQ. FT.) OR AS NEEDED ACCORDING TO ANNUAL SOIL TESTS.

3. ON SITES WHERE LEGUMES PREDOMINATE, BROADCAST AS INDICATED BY SOIL TEST 300 POUNDS OF 0-20-0 OR EQUIVALENT PER ACRE (8 LBS PER 1,000 SQ. FT.).

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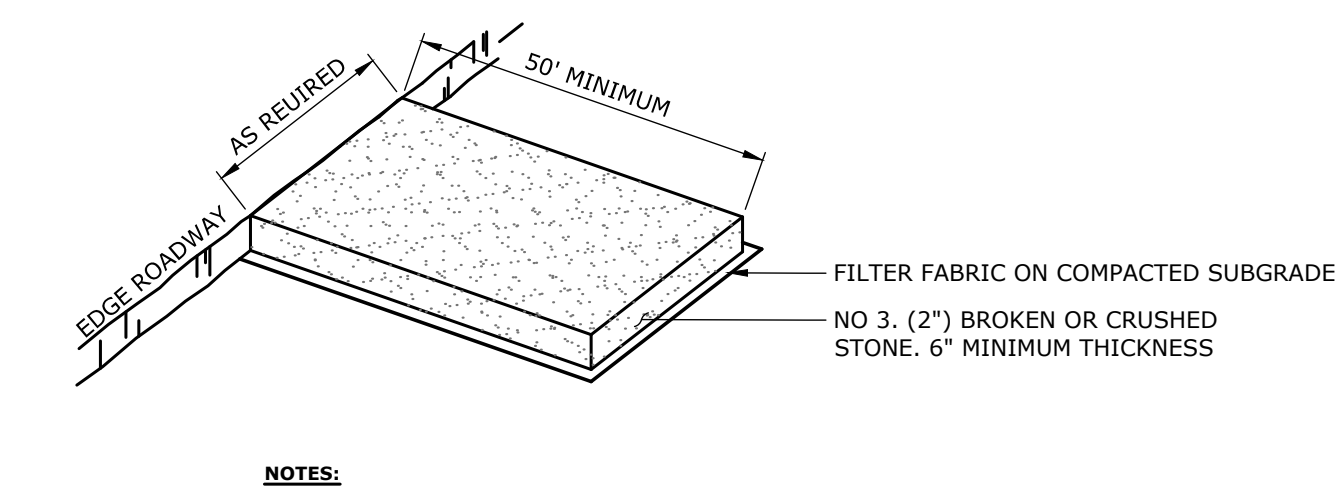
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MAINTENANCE:

1. TEST FOR SOIL ACIDITY LIME AS REQUIRED.



CONSTRUCTION ENTRANCE PAD NOT TO SCALE

NOTES:

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

2. 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.

3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.

4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.

5. ENSURE THAT CHANNEL APURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

6. PERMANENT VEGETATIVE COVER:

BARON KENTUCKY BLUEGRASS 60%

JAMESTOWN II CHEWINGS FESCUE 20%

PALMER PERENNIAL RYEGRASS 20%

* LOFTS - "TRIPLEX GENERAL" MIX OR APPROVED EQUAL.

RECOMMENDED TIME SEEDING. 5 LB./1,000 S.F. SEEDING RATE.

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ESTABLISHMENT:

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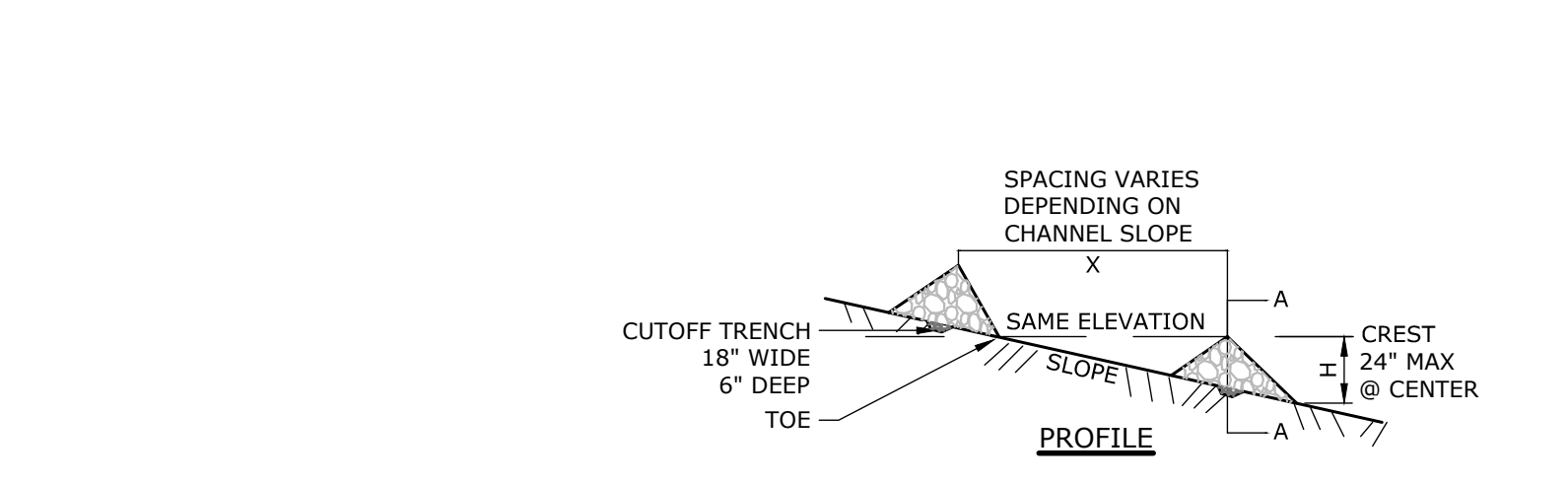
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MAINTENANCE:

1. TEST FOR SOIL ACIDITY LIME AS REQUIRED.



STONE CHECK DAM NOT TO SCALE

NOTES:

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.

2. 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.

3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.

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6. PERMANENT VEGETATIVE COVER:

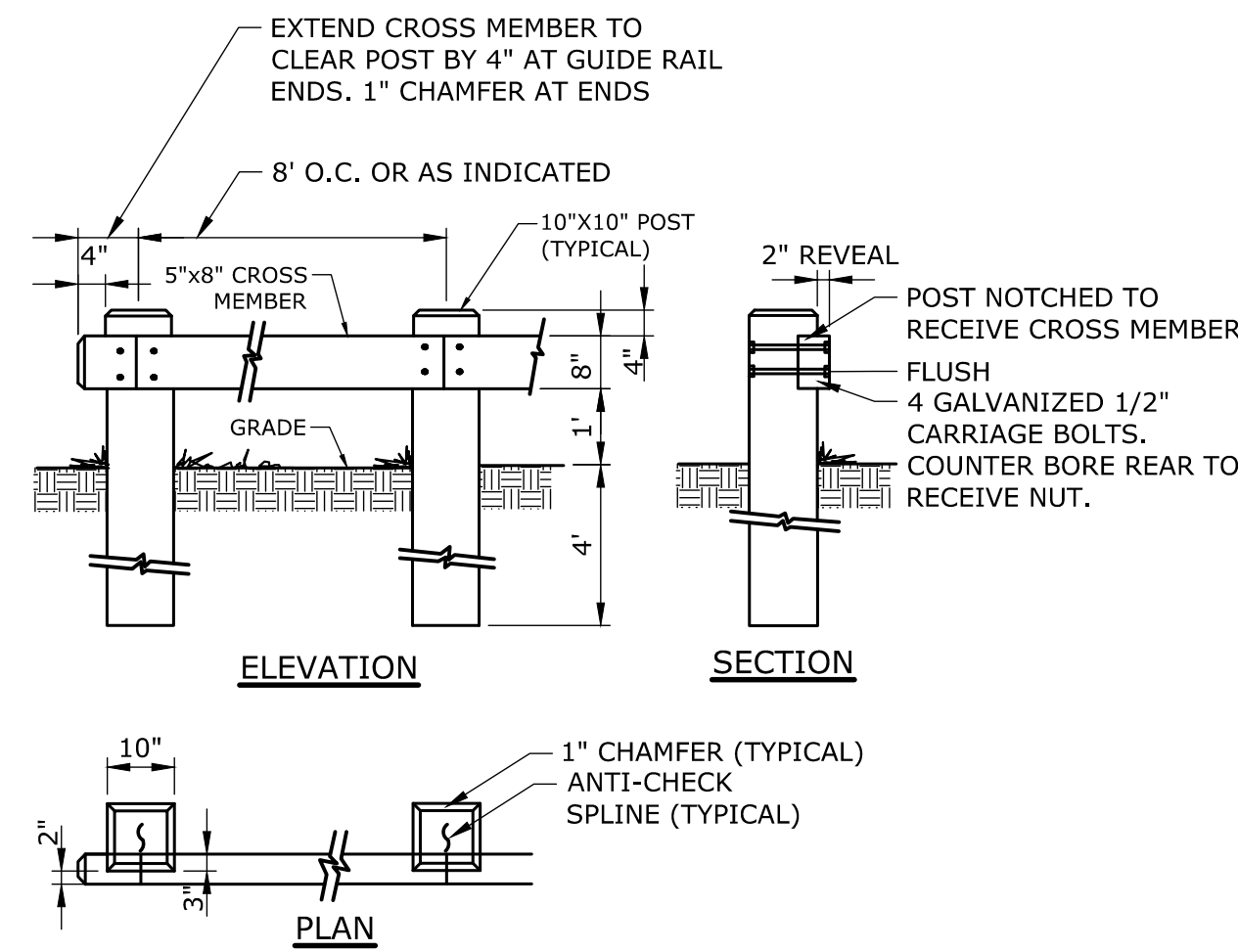
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JAMESTOWN II CHEWINGS FESCUE 20%

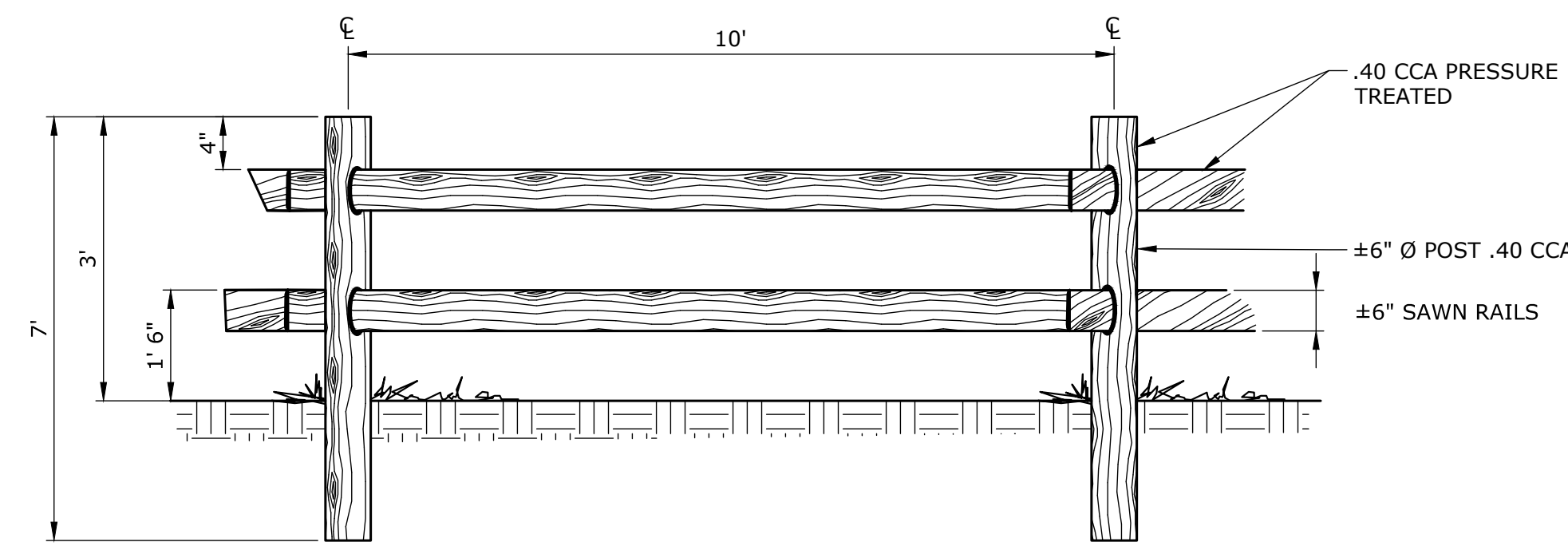
PALMER PERENNIAL RYEGRASS 20%

*

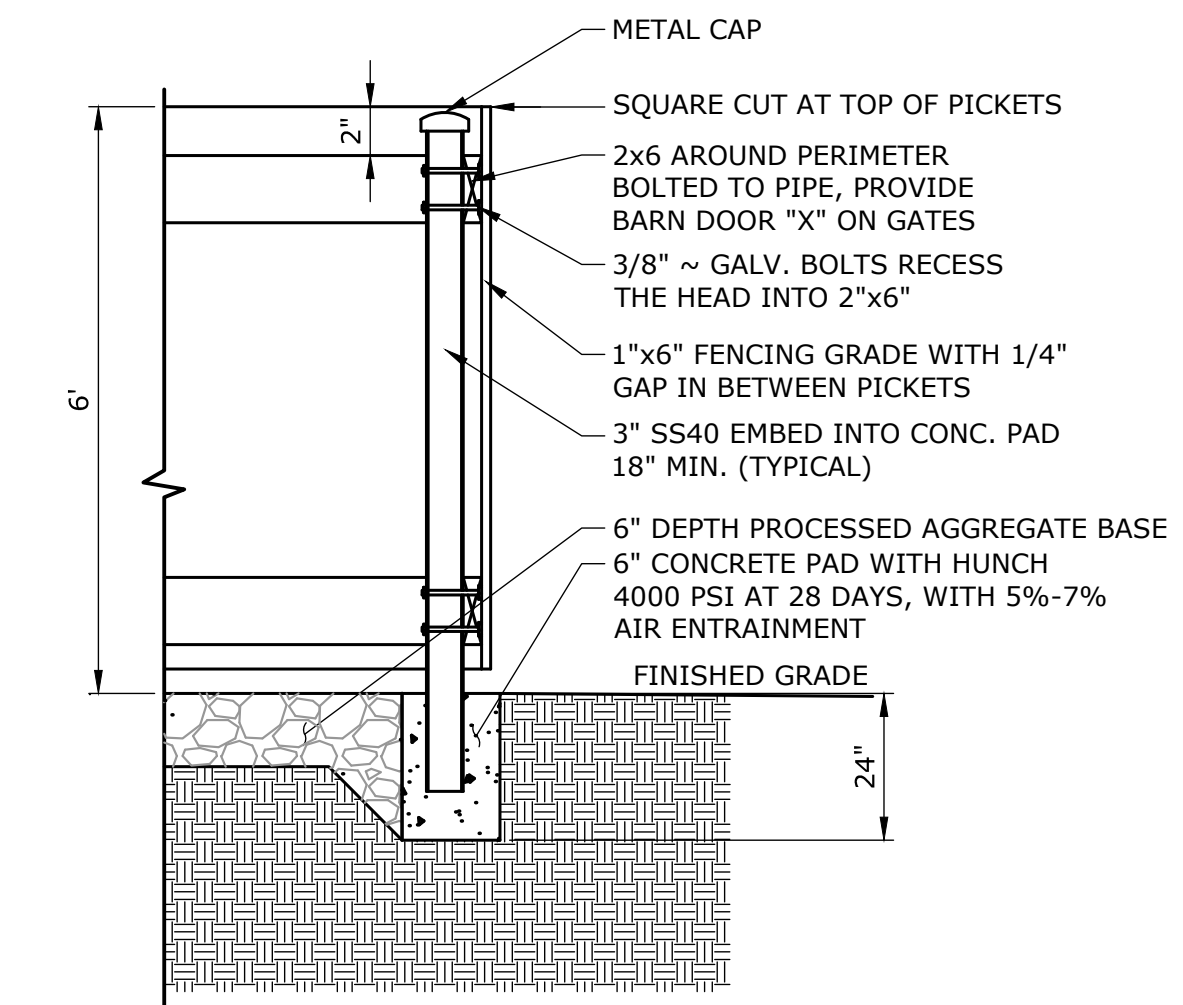
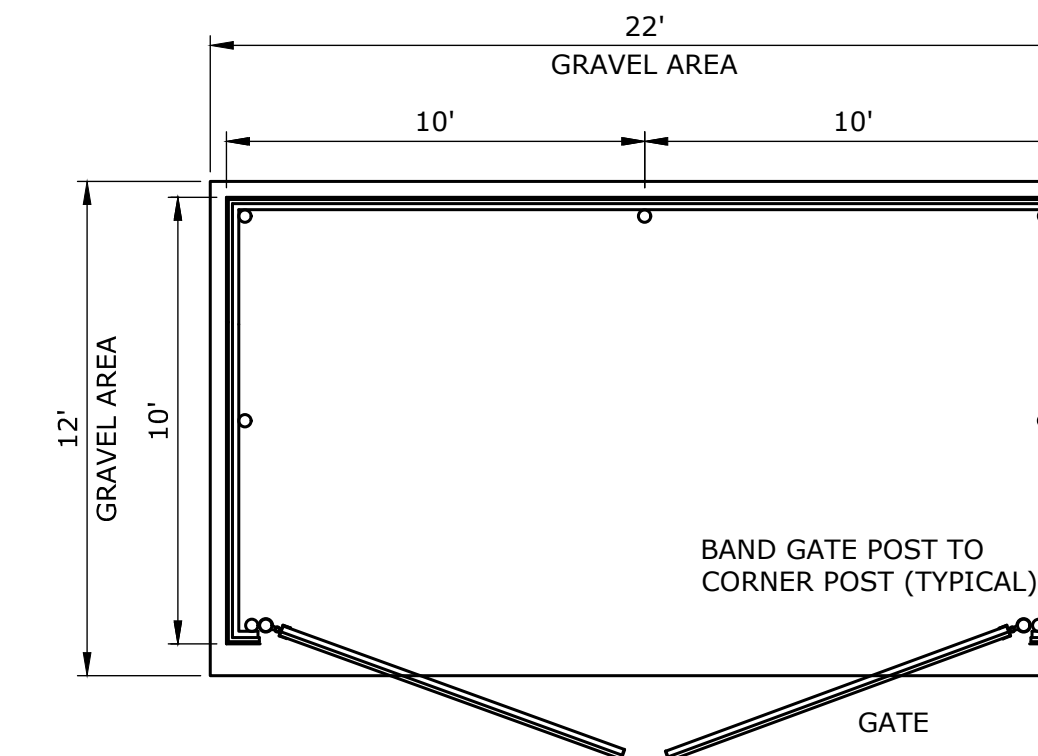
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**TIMBER GUIDE RAIL
FACE MOUNT 10x10 POSTS**
NOT TO SCALE



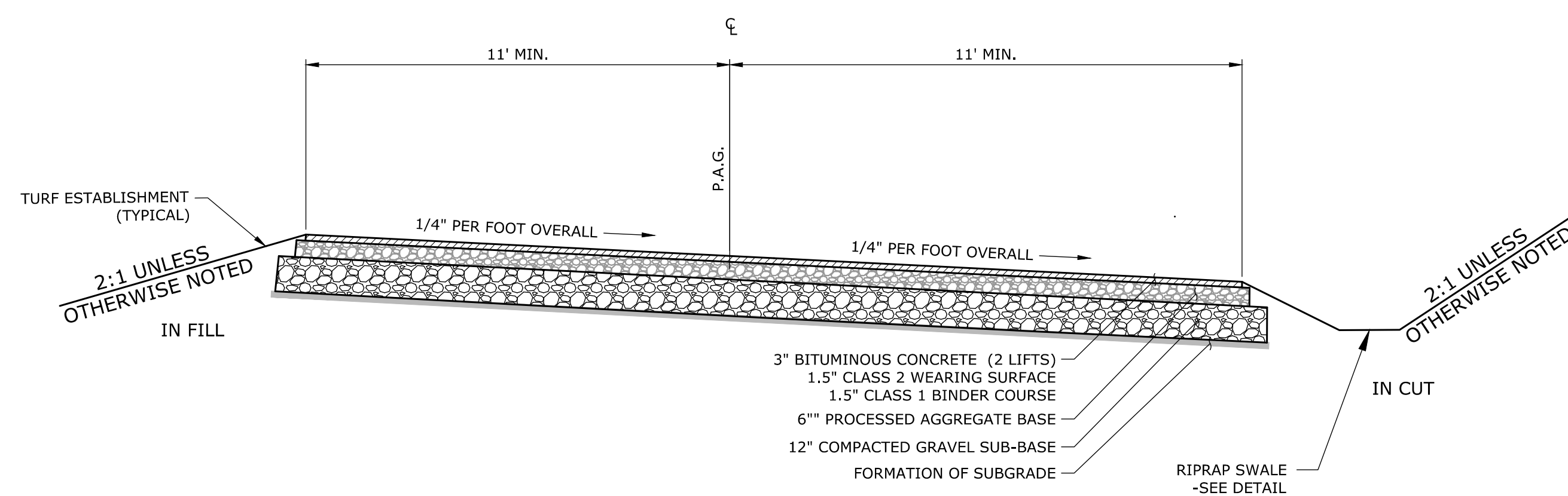
SPLIT RAIL FENCE
NOT TO SCALE



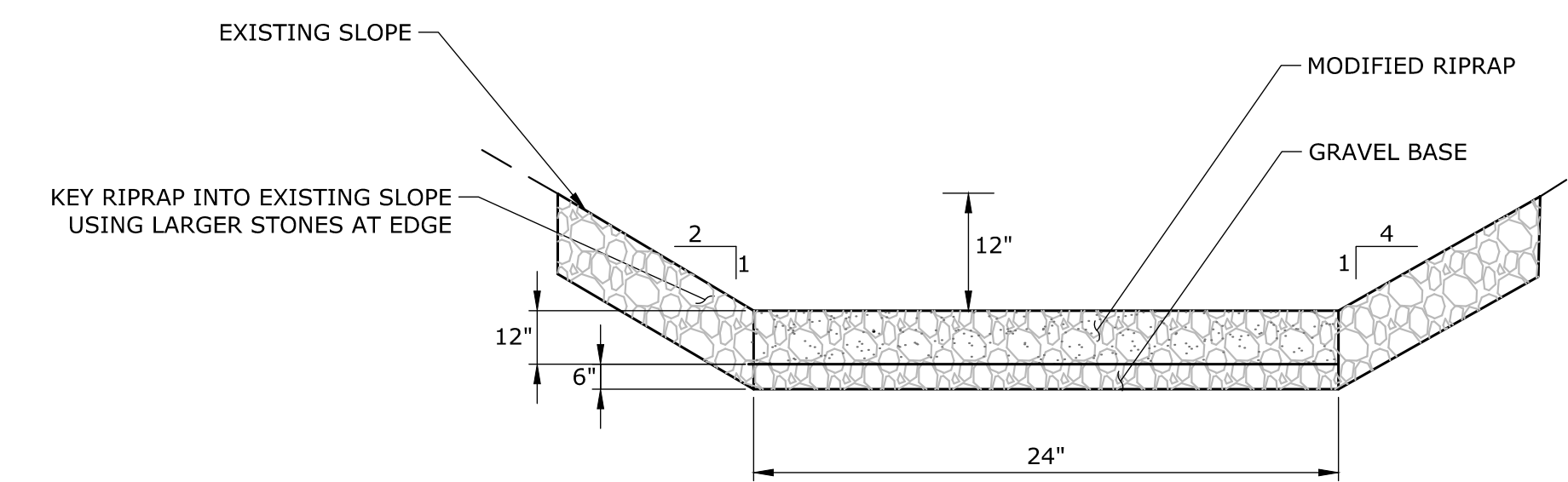
NOTES:

1. ALL WOODS TO BE WHITE CEDAR.

DUMPSTER SCREEN WITH STEEL FRAME
NOT TO SCALE



ROADWAY CROSS SECTION - TYPICAL
NOT TO SCALE



RIPRAP SWALE
NOT TO SCALE



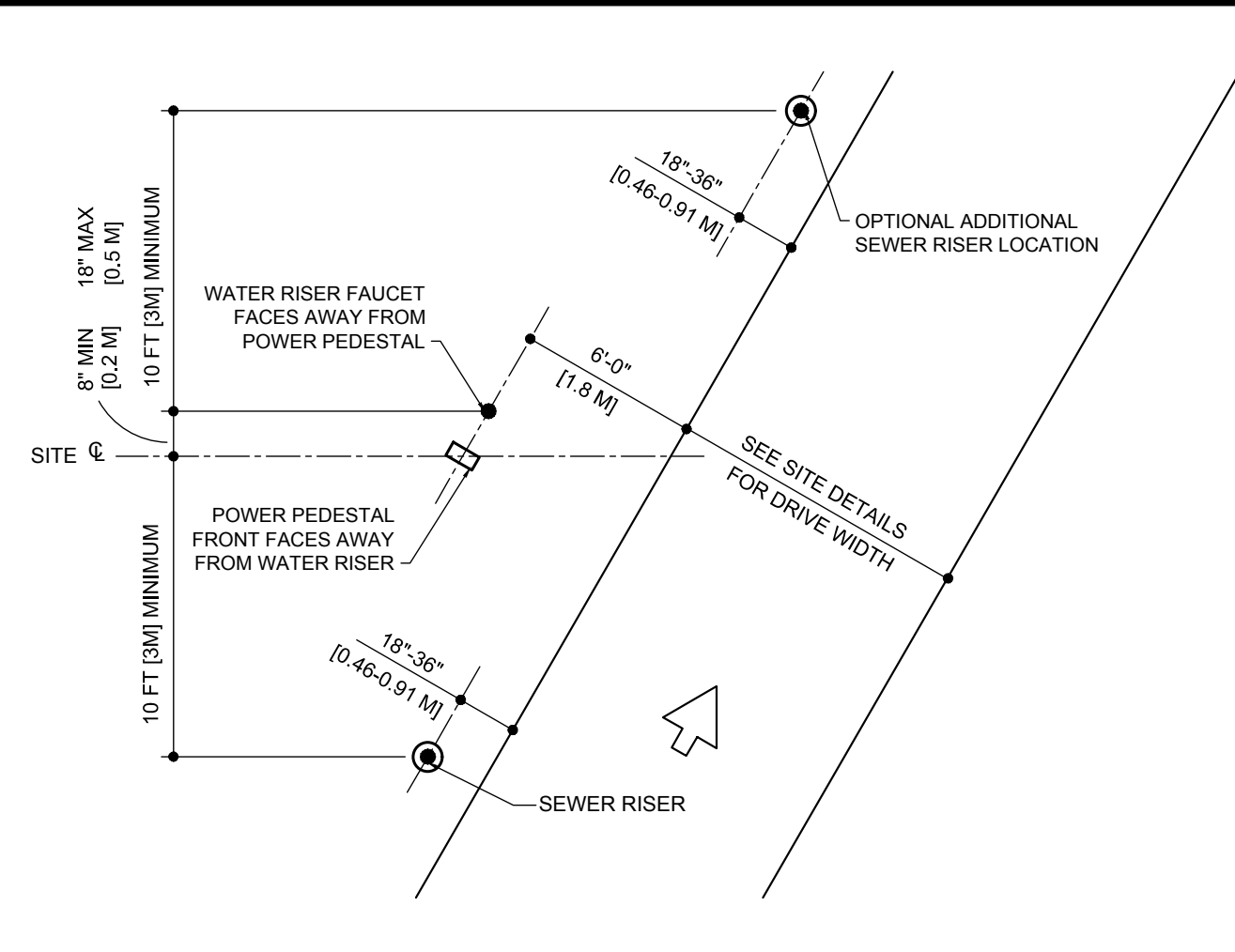
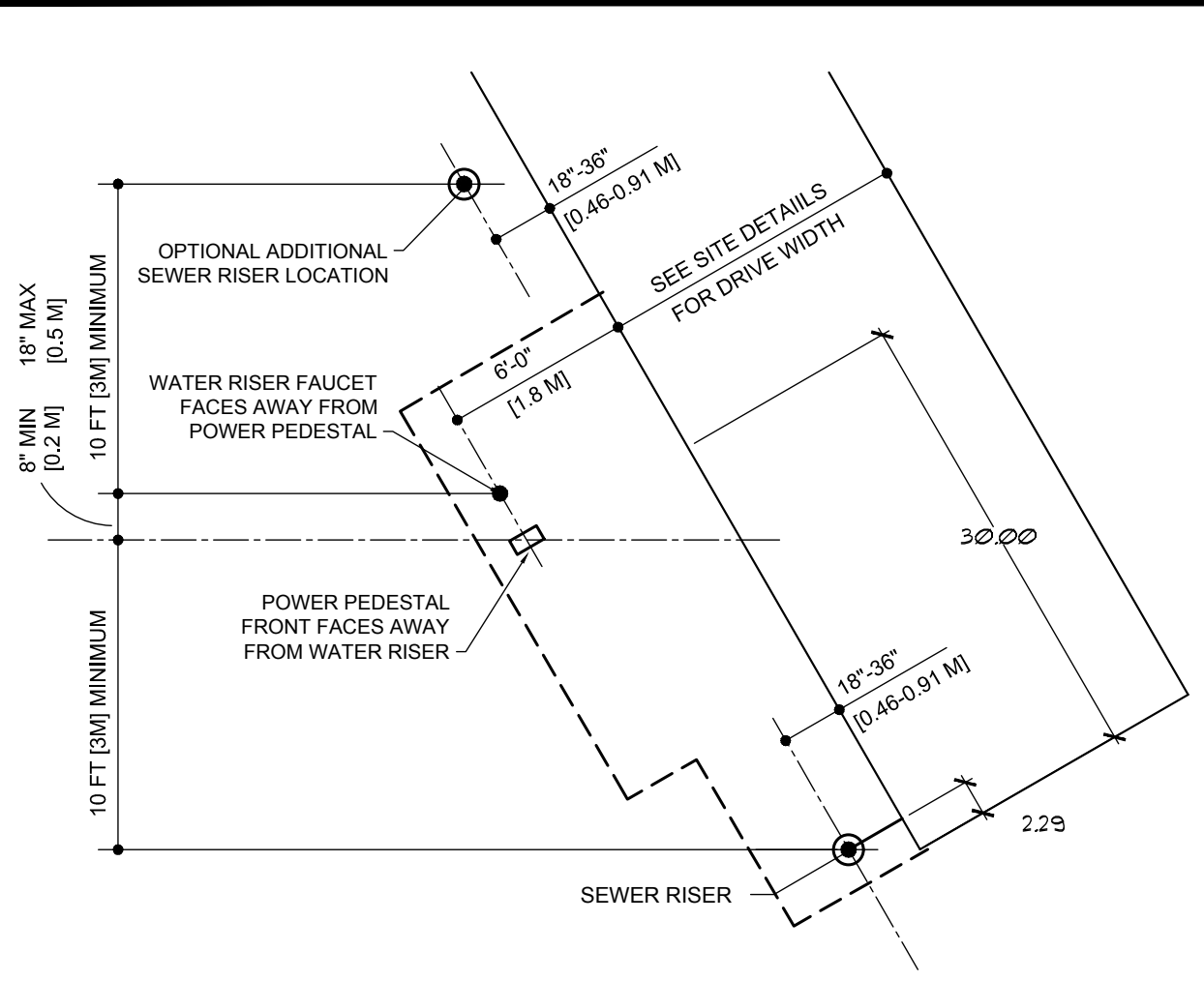
99 REALTY DRIVE
 SUITE 200
 2032711771
 SLRCONSULTING.COM

DESCRIPTION	DATE	BY
TOWN STAFF COMMENTS	11/02/2023	ACD

SITE DETAILS
 KLUG HILL RV PARK
 KOA CAMPGROUND
 232 KLUG HILL ROAD
 TORRINGTON, CONNECTICUT

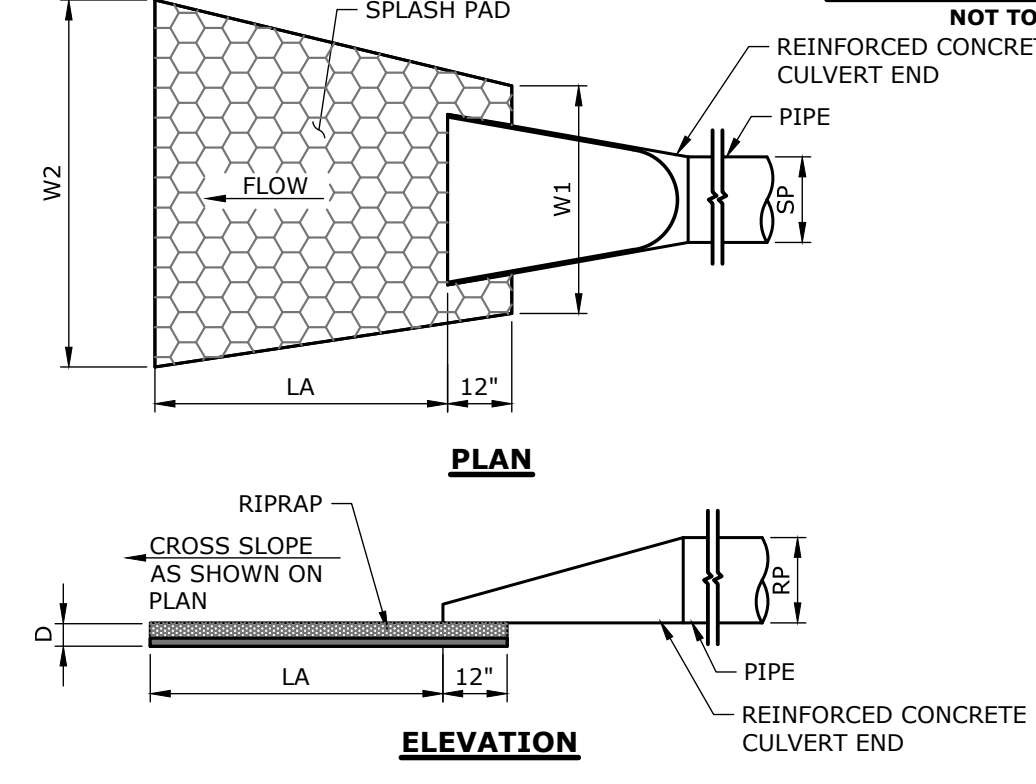
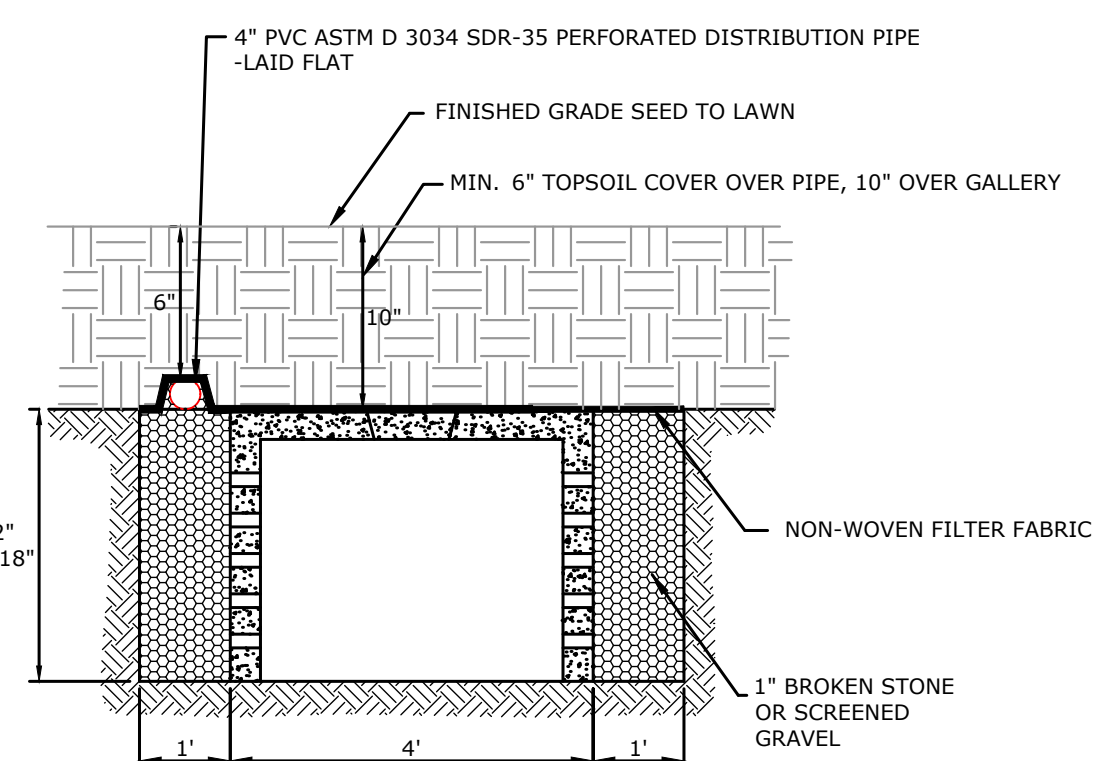
ACD	ACD	RJM
DESIGNED	DRAWN	CHECKED
AS NOTED		
NOVEMBER 9, 2022		
DATE		
20174.00002		
PROJECT NO.		
21 OF 23		
SHEET NO.		

SD-9



KOA DETAIL - BACK-IN SITE UTILITY LAYOUT DETAIL
NOT TO SCALE

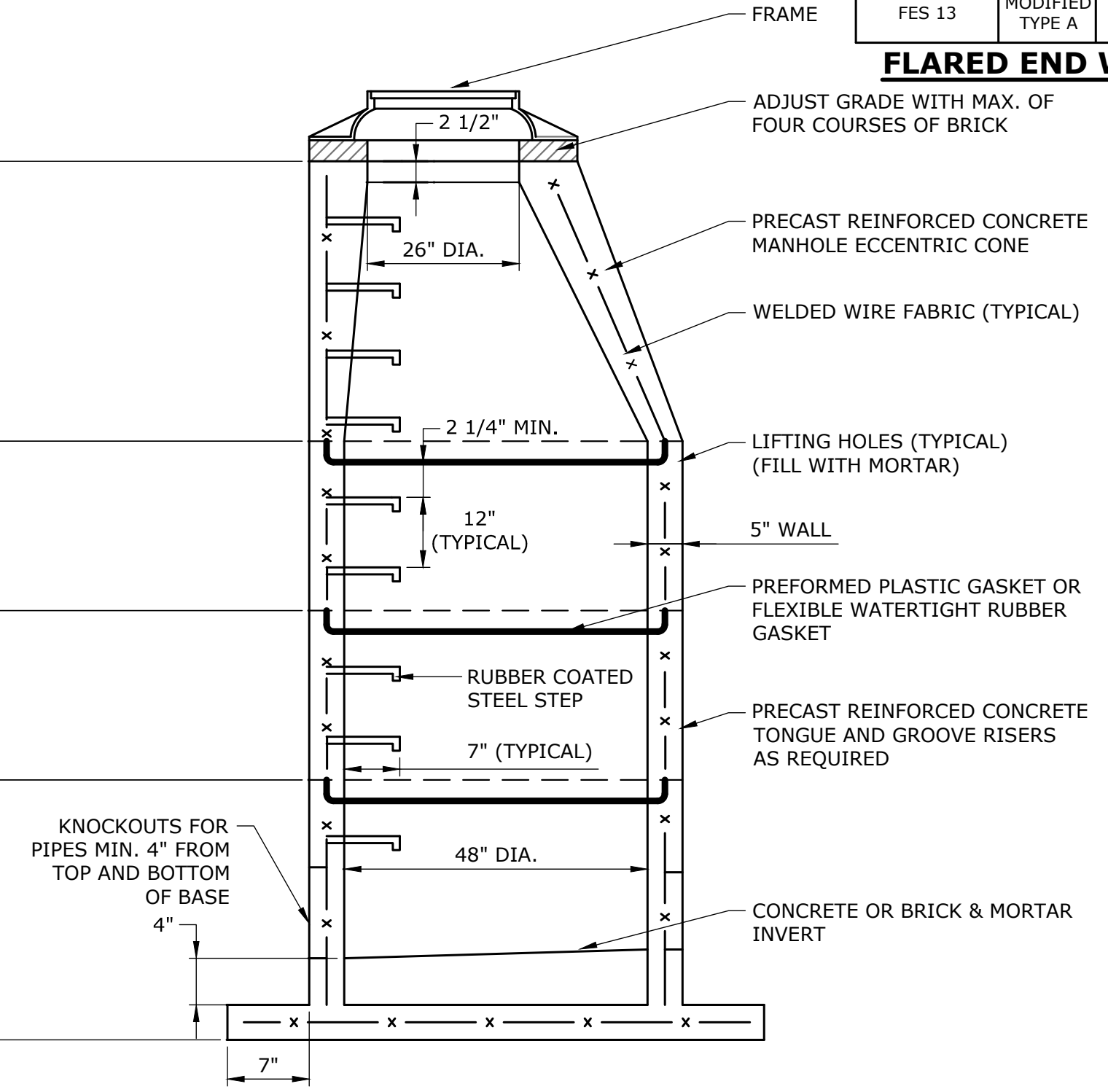
KOA DETAIL - STANDARD PULL THROUGH UTILITY LAYOUT DETAIL
NOT TO SCALE



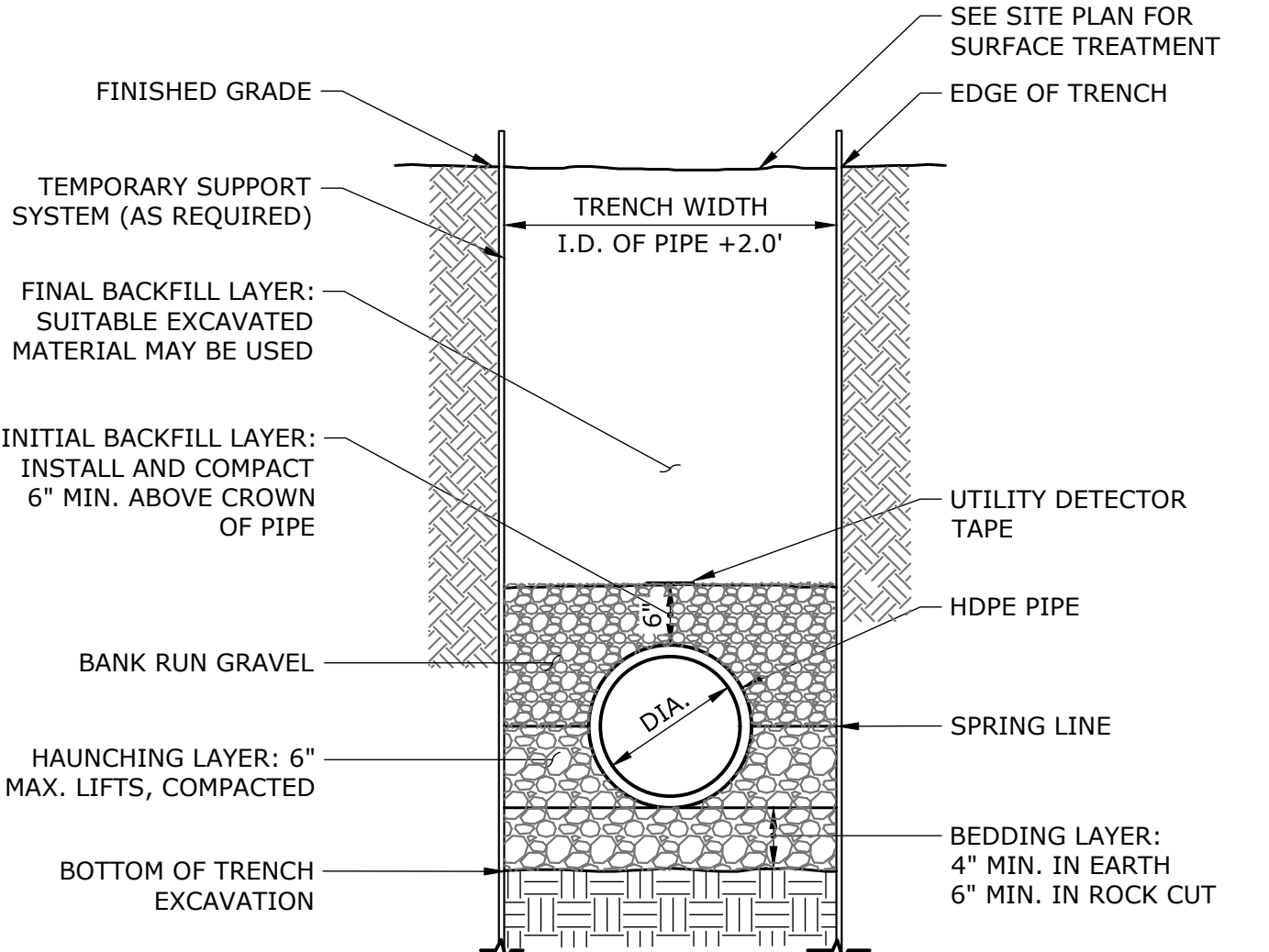
OUTLET PROTECTION ID	TYPE	SP (FT)	RP (FT)	LA (FT)	W1 (FT)	W2 (FT)	D (IN)
FES 5	INTERMEDIATE TYPE A	1.0	1.0	10.0	3.0	10.0	18
FES 8	STANDARD TYPE B	1.0	1.0	12.0	3.0	8.0	36
FES 13	MODIFIED TYPE A	1.0	1.0	10.0	3.0	10.0	12

TYPICAL SECTION THRU LEACHING GALLERY WITH TOP DISTRIBUTION PIPE
NOT TO SCALE

FLARED END WITH RIP RAP SPLASH PAD
NOT TO SCALE

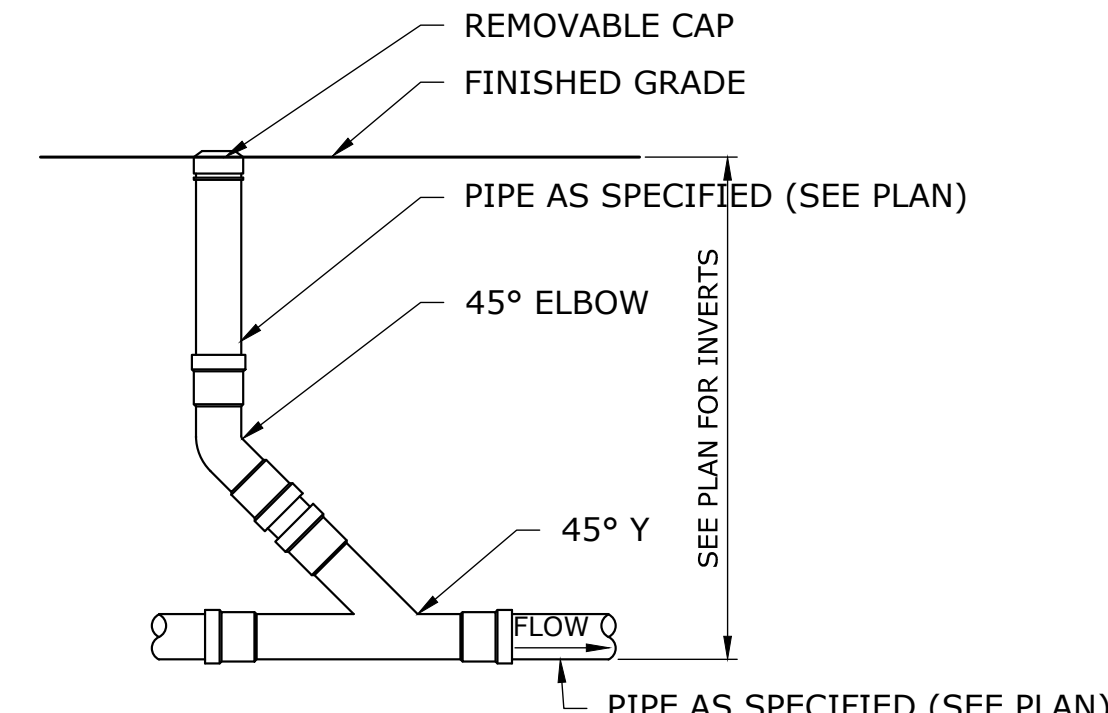


STORM MANHOLE
NOT TO SCALE

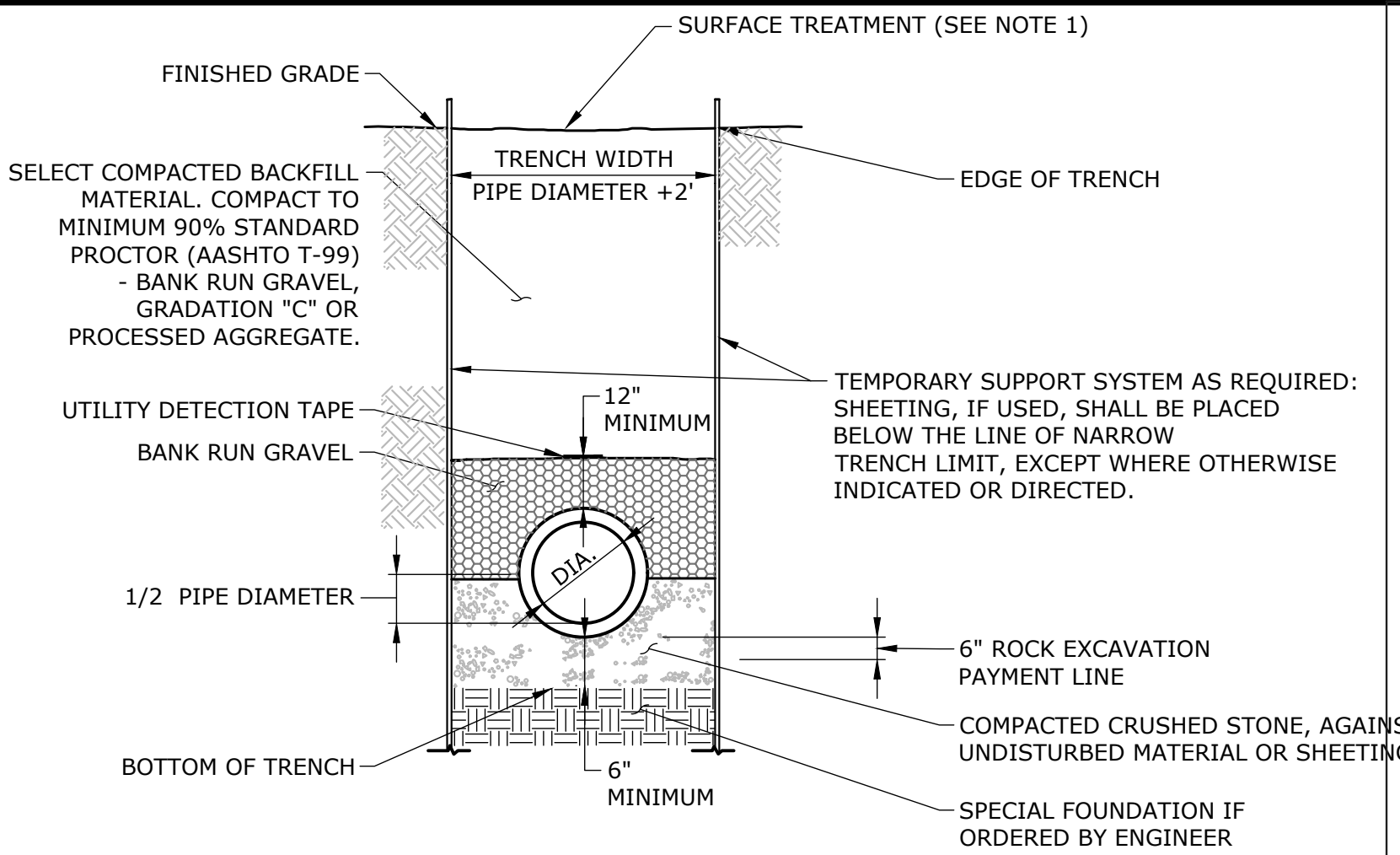


- NOTES:**
- BACKFILL MATERIAL USED IN BEDDING AND HAUNCHING SHALL BE 3/4" CRUSHED STONE.
 - PAYMENT LIMIT FOR ROCK IN TRENCH TO BE PIPE DIAMETER + 3.0'

STORM DRAINAGE TRENCH
NOT TO SCALE

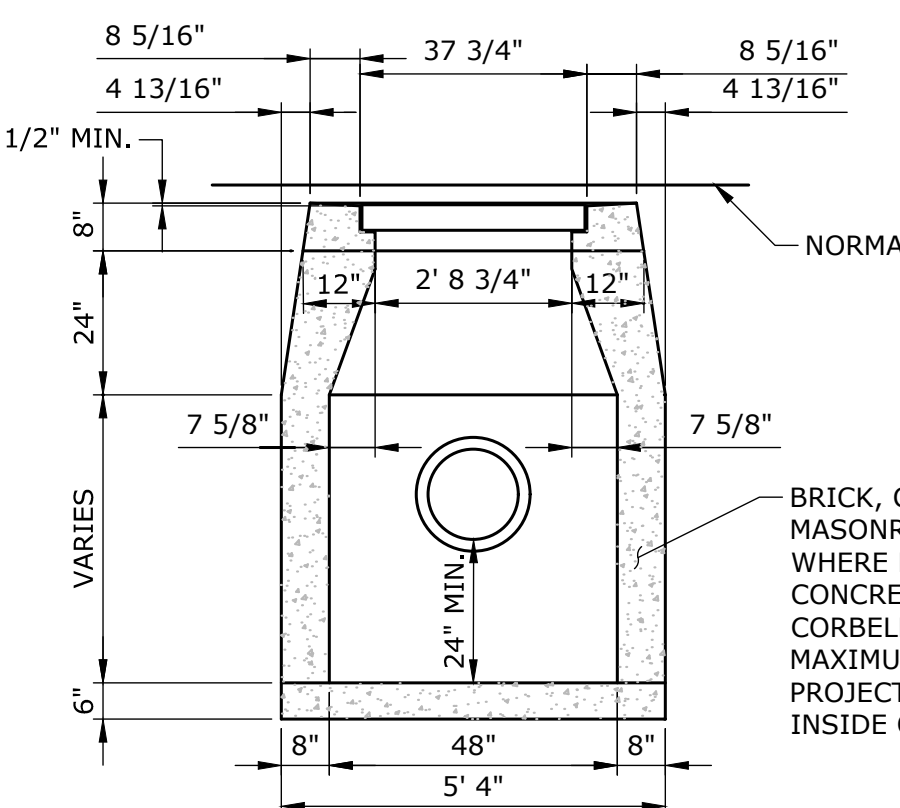
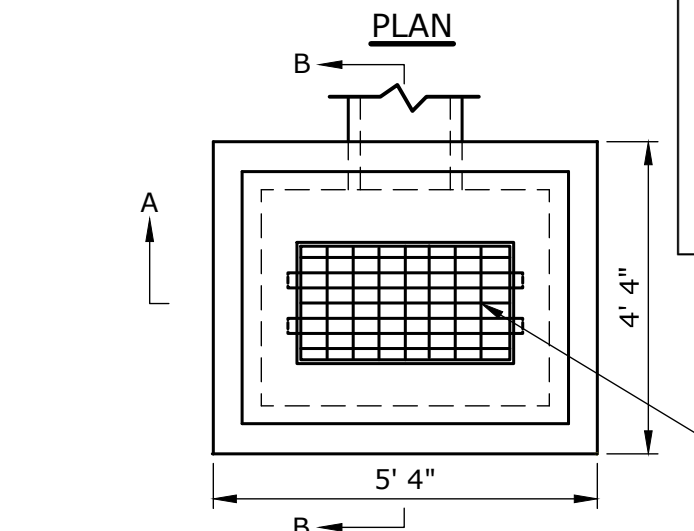


SANITARY/STORM CLEANOUT
NOT TO SCALE



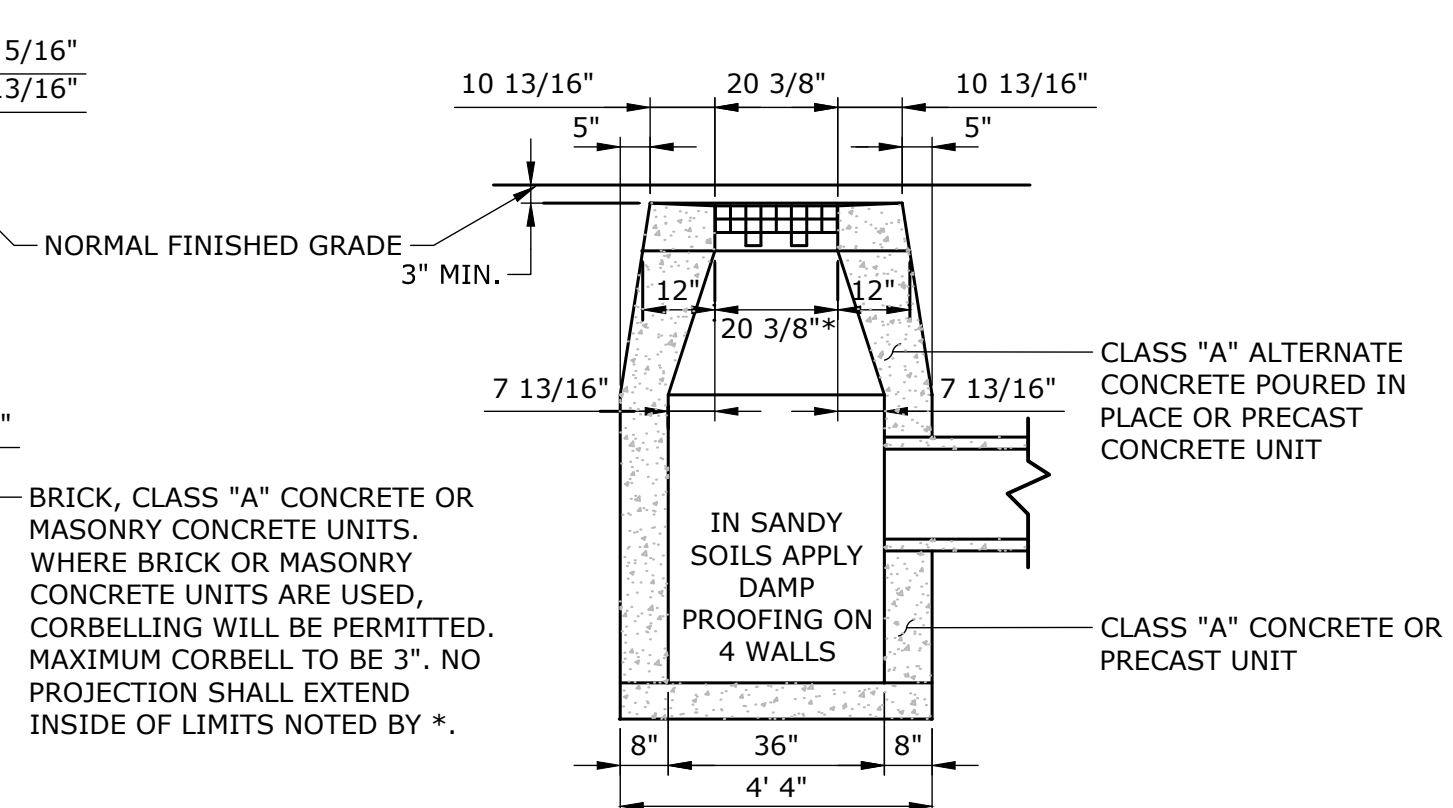
- NOTES:**
- SEE APPROPRIATE DETAIL FOR PAVEMENT REPAIR INFORMATION WHEN INSTALLING SANITARY SEWER MAINS IN PAVED AREAS.

SANITARY SEWER TRENCH
NOT TO SCALE

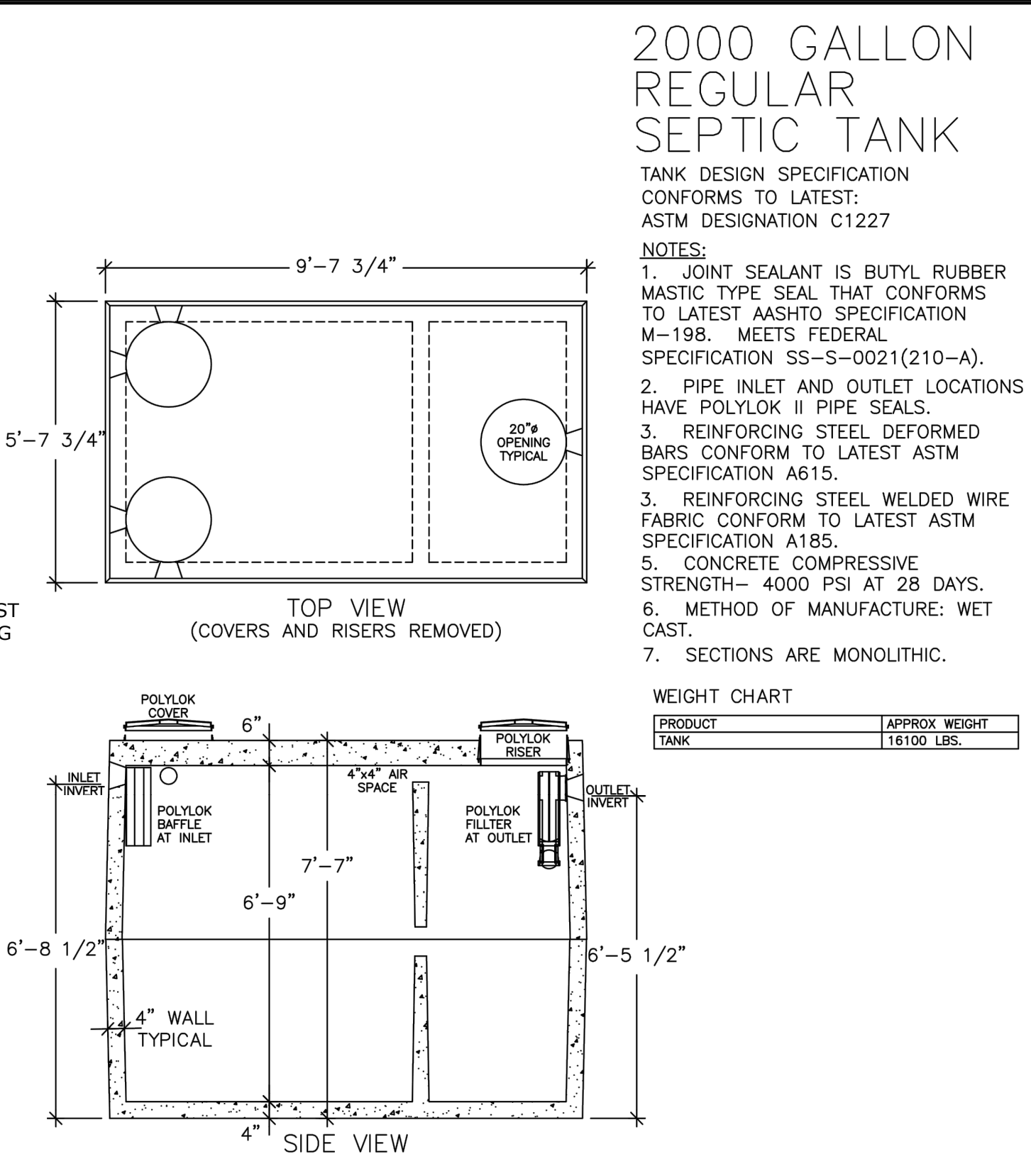
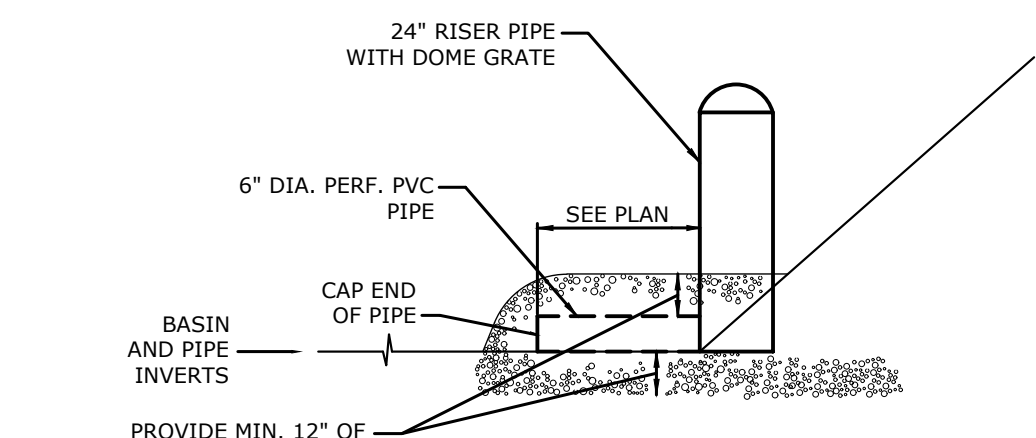


- NOTES:**
- WHERE PRECAST CONCRETE UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLETTING FROM THE CATCH BASIN.

TYPE \"C-L\" CATCH BASIN
NOT TO SCALE



DEWATERING UNDERDRAIN
NOT TO SCALE



UNITED CONCRETE PRODUCTS INC.
173 CHURCH STREET TEL. 800 234-3119 FAX. (203) 265-4941
YALESVILLE, CT 06492 (203) 269-3119

SLR
99 REALTY DRIVE
SUITE 100
20327171
SLRCONSULTING.COM

DESCRIPTION	DATE	BY
RIP RAP SWALE DETAIL	12/7/2022	ACD
TOWN STAFF COMMENTS	11/10/2022	ACD

SITE DETAILS
KLUG HILL RV PARK
KOA CAMPGROUND
232 KLUG HILL ROAD
TORRINGTON, CONNECTICUT

DESIGNED	MLA	RJM
SCALE		CHECKED
DATE	NOT TO SCALE	
PROJECT NO.	NOVEMBER 9, 2022	
SHEET NO.	20174.00002	
	22 OF 23	

SD-10

FORMATION OF EMBANKMENTS FOR STORMWATER BASINS

1. MATERIALS

ALL FILL MATERIALS SHALL BE OBTAINED FROM REQUIRED EXCAVATIONS OR DESIGNATED BORROW AREAS. FILL MATERIAL SHALL CONTAIN NO FROZEN MATERIAL, SOIL, BRUSH, ROOTS, OR OTHER ORGANIC MATERIAL. EARTH EMBANKMENTS SHALL CONTAIN NO STONES OR ROCK PARTICLES OVER THREE INCHES IN DIAMETER.

THE MATERIAL USED IN THE CENTER PORTION OF THE EMBANKMENT SHALL BE THE MOST IMPERVIOUS MATERIAL OBTAINED FROM THE BORROW AREAS. IF REQUIRED, THE MORE PERVIOUS MATERIALS SHALL BE USED IN THE OUTER PORTION OF THE EMBANKMENT AS SHOWN ON THE PLANS.

A. IMPERVIOUS FILL MATERIALS

IMPERVIOUS FILL SHALL BE A GLACIAL TILL, AND TO BE PROVIDED FROM THE OFFSITE SOURCE IN THE QUANTITIES REQUIRED FOR COMPLETION. FILL TO BE APPROVED BY THE ENGINEER. GLACIAL TILL SHALL CONSIST OF HARD AND DURABLE PARTICLES OR FRAGMENTS AND SHALL BE FREE FROM ORGANIC MATTER AND OTHER OBJECTIONABLE MATERIALS. GLACIAL TILL SHALL GENERALLY CONFORM TO THE FOLLOWING GRADATION LIMITS:

U.S. STANDARD SIEVE SIZE	PERCENTAGE PASSING BY WEIGHT
3 INCH	100
NO. 4	60-95
NO. 10	50-95
NO. 40	30-75
NO. 100	20-65
NO. 200	10-40

2. EMBANKMENT FOUNDATION PREPARATION

AREAS WHERE EMBANKMENTS ARE TO BE FORMED SHALL BE CLEARED AND GRUBBED OF ALL TOPSOIL AND OTHER ORGANIC MATERIALS TO A DEPTH OF AT LEAST 24 INCHES, UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS. FOUNDATION AREAS SHALL BE SCARIFIED TO A DEPTH OF THREE INCHES PRIOR TO PLACEMENT OF FILL MATERIAL.

3. PLACEMENT

NO FILL SHALL BE PLACED UNTIL THE FOUNDATION PREPARATION AND EXCAVATIONS IN THE FOUNDATION HAVE BEEN COMPLETED. NO FILL SHALL BE PLACED ON A FROZEN SURFACE NOR SHALL FROZEN MATERIAL BE INCORPORATED.

A. EMBANKMENT

MATERIAL SHALL BE PLACED IN HORIZONTAL LAYERS. THE THICKNESS OF LAYERS SHALL BE SIX INCHES. DURING CONSTRUCTION, THE SURFACE OF THE FILL SHALL HAVE A CROWN OR CROSS-SLOPE OF NOT LESS THAN TWO PERCENT. EACH LAYER OR LIFT SHALL EXTEND OVER THE ENTIRE AREA OF THE FILL.

THE FILL SHALL BE FREE FROM LENSES, POCKETS, STREAKS, OR LAYERS OF MATERIAL DIFFERING SUBSTANTIALLY IN TEXTURE OR GRADATION FROM THE SURROUNDING MATERIAL. THE MORE PERVIOUS MATERIAL SHALL BE PLACED IN THE OUTSIDE PORTION OF THE EMBANKMENT OR AS INDICATED ON THE DRAWINGS. THE FINISHED FILL SHALL BE SHAPED AND GRADED TO THE LINES AND GRADE SHOWN ON THE DRAWINGS.

B. BACKFILL AT THE PIPE OUTLET

BACKFILL SHALL BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED THREE INCHES IN THICKNESS AND SHALL BE BROUGHT UP UNIFORMLY AROUND THE OUTLET PIPE AND FLARED END SECTION

4. MOISTURE CONTROL

THE MOISTURE CONTENT OF MATERIALS IN THE EMBANKMENT SHALL BE CONTROLLED TO MEET THE REQUIREMENTS OF SECTION 5. "COMPACTION OF EMBANKMENT." WHEN NECESSARY, MOISTURE SHALL BE ADDED BY USE OF APPROVED SPRINKLING EQUIPMENT. WATER SHALL BE ADDED UNIFORMLY AND EACH LAYER SHALL BE THOROUGHLY DISKED OR HARROWED TO PROVIDE ROPE MIXING. ANY LAYER FOUND TOO WET FOR PROPER COMPACTION SHALL BE ALLOWED TO DRY BEFORE ROLLING, PLACING OR ROLLING OF MATERIAL ON EARTH FILLS WILL NOT BE PERMITTED DURING OR IMMEDIATELY AFTER RAINFALLS WHICH INCREASE THE MOISTURE CONTENT BEYOND THE LIMIT OF SATISFACTORY COMPACTION. THE EARTH FILL SHALL BE BROUGHT UP UNIFORMLY AND ITS TOP SHALL BE KEPT GRADED AND SLOPED SO THAT A MINIMUM OF RAINWATER WILL BE RETAINED THEREON. COMPACTED EARTH FILL DAMAGED BY WASHING SHALL BE ACCEPTABLY REPLACED BY THE CONTRACTOR.

5. COMPACTION

A. EMBANKMENT

EMBANKMENT MATERIAL SHALL BE COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY AT NEAR OPTIMUM MOISTURE CONTENT AND BY THE COMPACTION EQUIPMENT SPECIFIED HEREIN. THE COMPACTION EQUIPMENT SHALL TRAVERSE THE ENTIRE SURFACE OF EACH LAYER OF FILL MATERIAL.

APPROVED TAMPING ROLLERS SHALL BE USED FOR COMPACTING ALL PARTS OF THE EMBANKMENTS WHICH THEY CAN EFFECTIVELY REACH. THE CONTRACTOR SHALL DEMONSTRATE THE EFFECTIVENESS OF THE ROLLER BY ACTUAL SOIL COMPACTION RESULTS OF THE SOIL TO BE USED IN THE EMBANKMENT WITH LABORATORY WORK PERFORMED BY AN APPROVED SOIL TESTING LABORATORY.

B. BACKFILL AT OUTLET CONDUIT

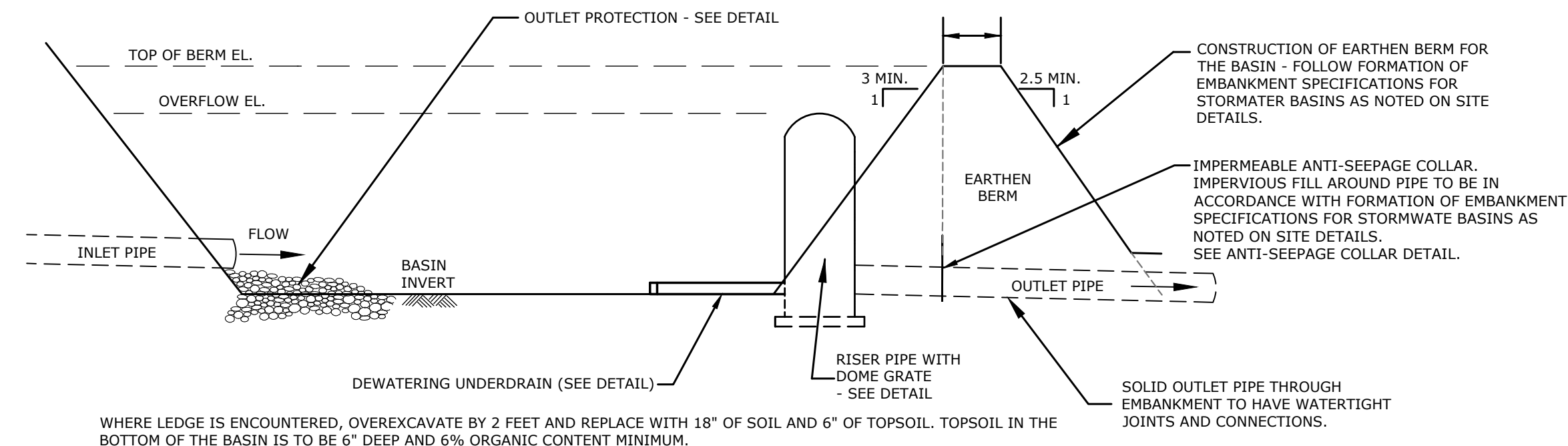
BACKFILL SHALL BE COMPACTED BY HAND TAMPING WITH MECHANICAL TAMPERS. HEAVY EQUIPMENT SHALL NOT BE OPERATED WITHIN TWO FEET OF ANY STRUCTURE. EQUIPMENT SHALL NOT BE ALLOWED TO OPERATE OVER THE OUTLET CONDUITS UNTIL THERE IS 24 INCHES OF FILL OVER THE PIPE CONDUITS.

6. FINISHING EMBANKMENTS

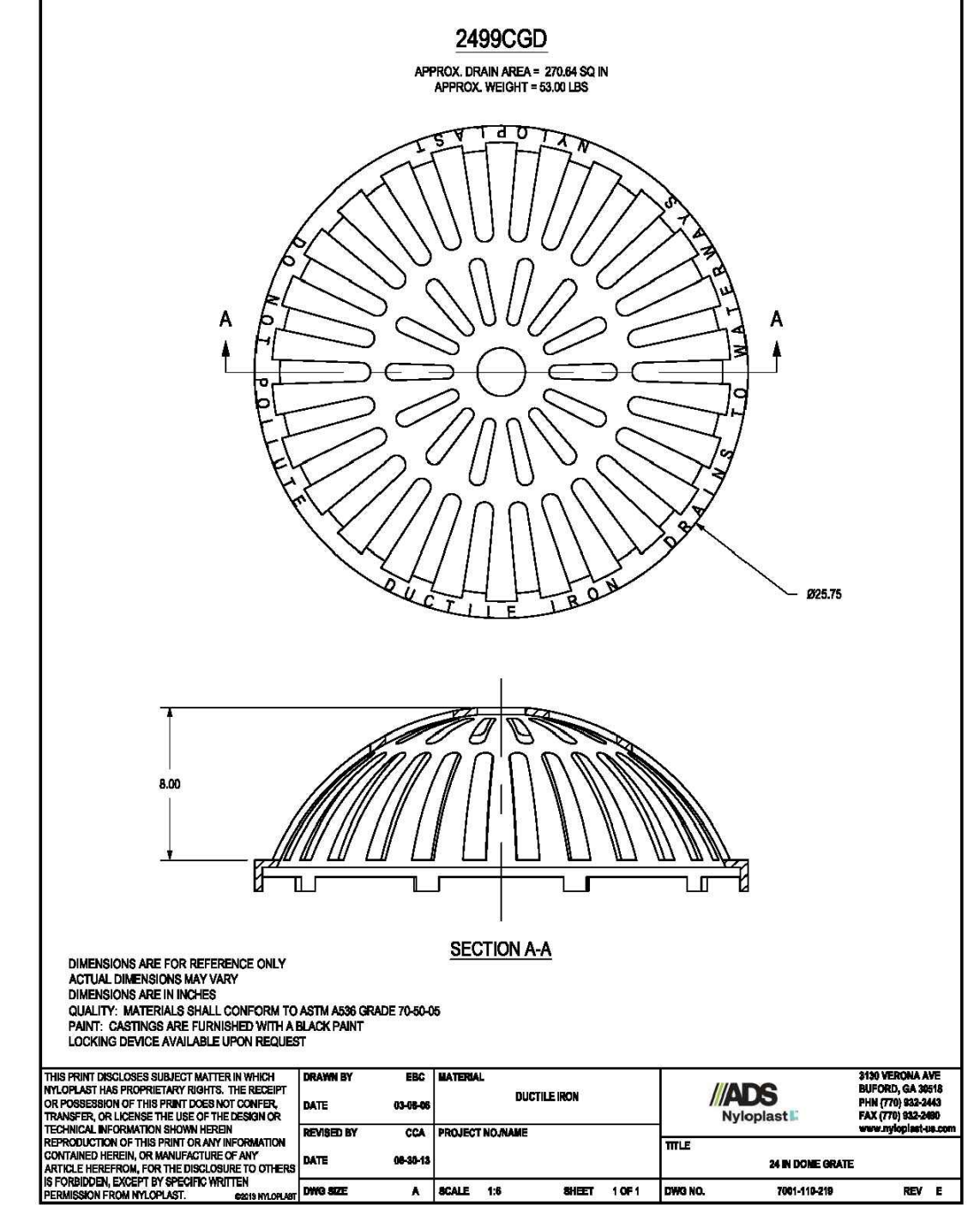
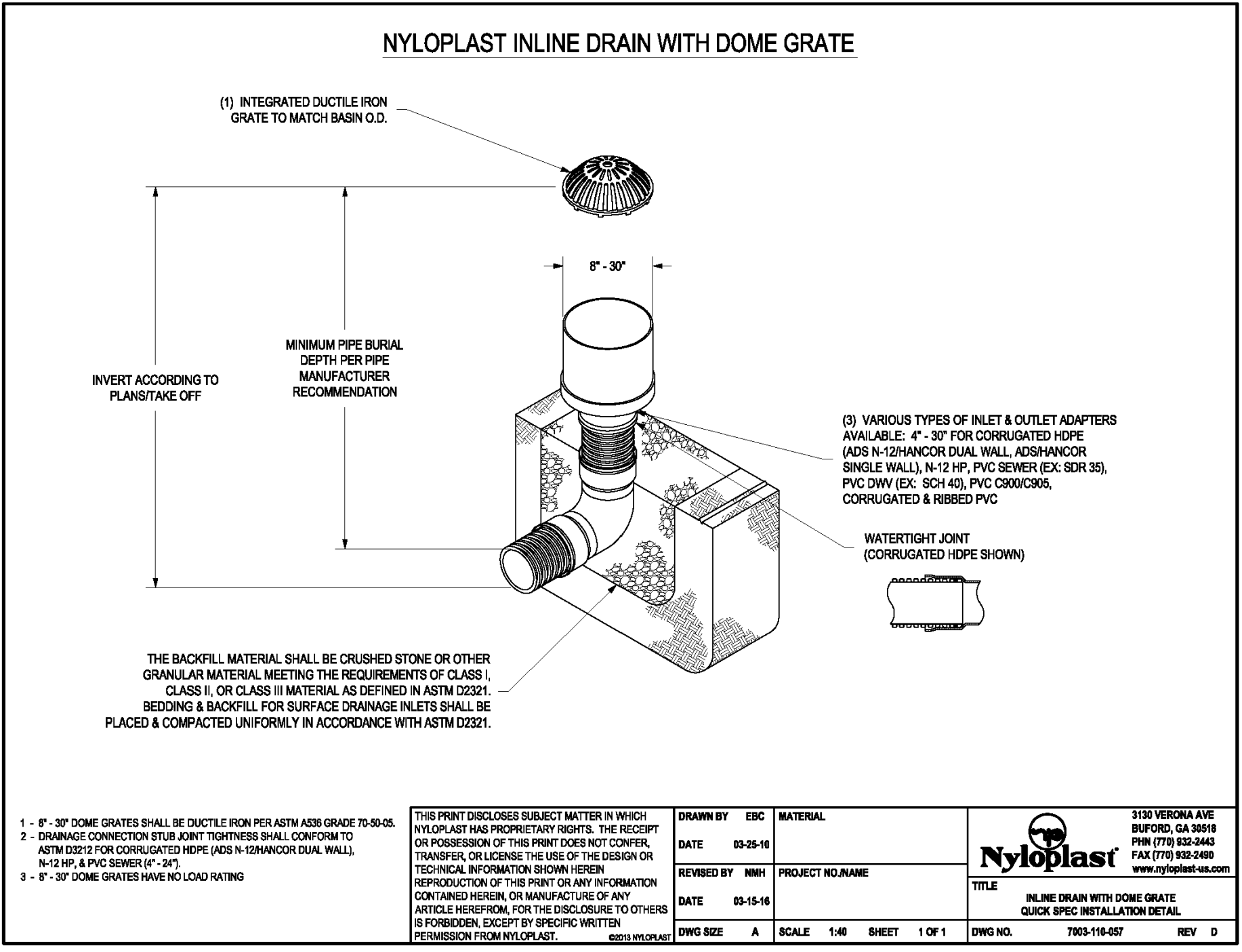
THE EMBANKMENTS SHALL BE CONSTRUCTED TO THE ELEVATIONS, LINES, GRADES AND CROSS-SECTIONS AS SHOWN ON THE DRAWINGS. THE EMBANKMENTS SHALL BE MAINTAINED IN A MANNER SATISFACTORY TO THE ENGINEER AND SURFACES SHALL BE COMPACT AND ACCURATELY GRADED BEFORE TOPSOIL IS PLACED ON THEM. THE CONTRACTOR SHALL CHECK THE EMBANKMENT SLOPES WITH STRING LINES TO INSURE THAT THEY CONFORM TO THE SLOPES GIVEN ON THE PLANS AND ARE UNIFORM FOR THE ENTIRE LENGTH OF THE SLOPE.

7. CONTROL OF WATER

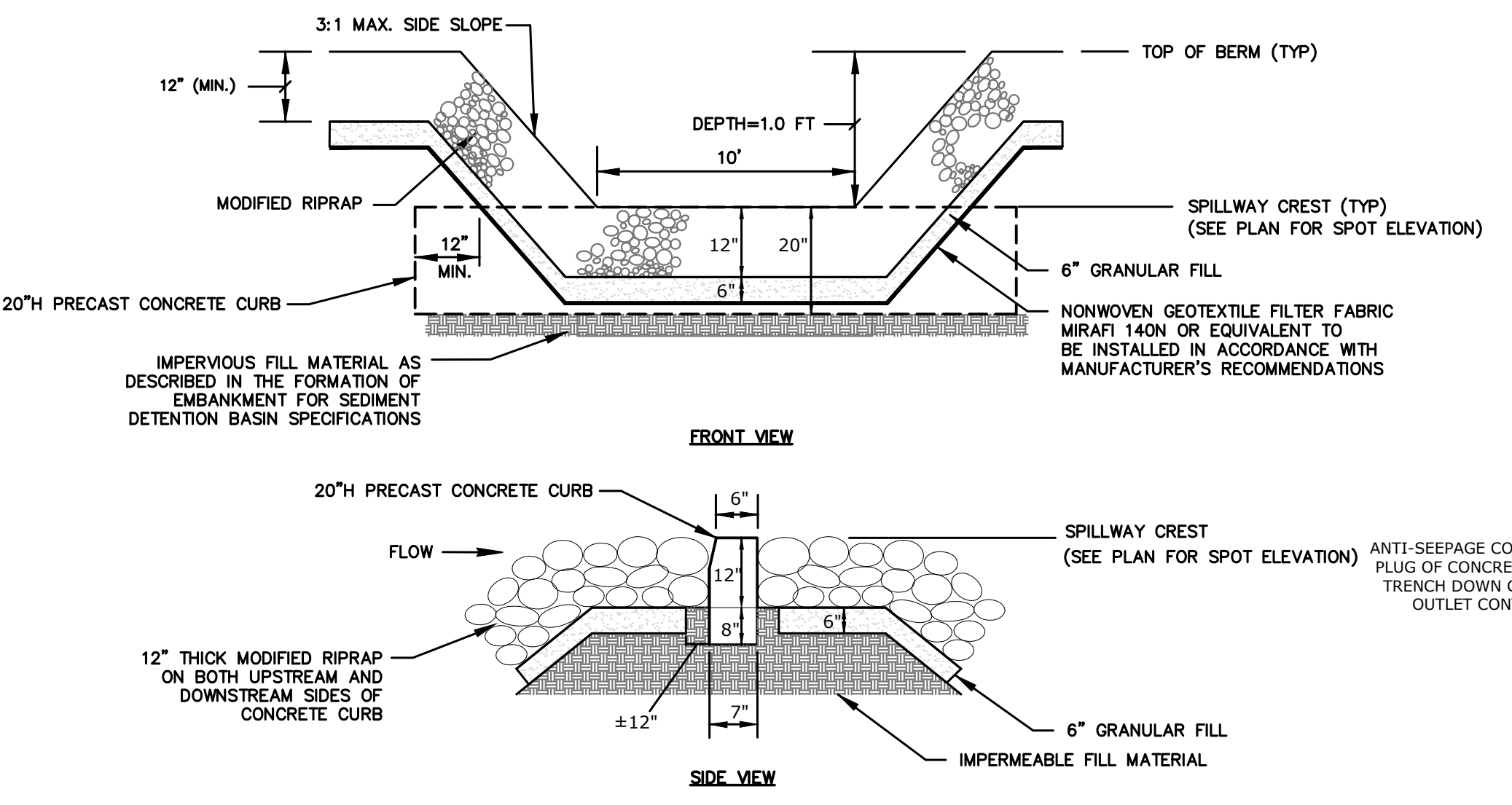
THE PROJECT SITE IS SUBJECT TO HIGH WATER TABLE. THE CONTRACTOR SHALL USE TEMPORARY PIPES OR PUMPS TO ASSURE PLACEMENT OF SELECT FILL IN DRY CONDITIONS.



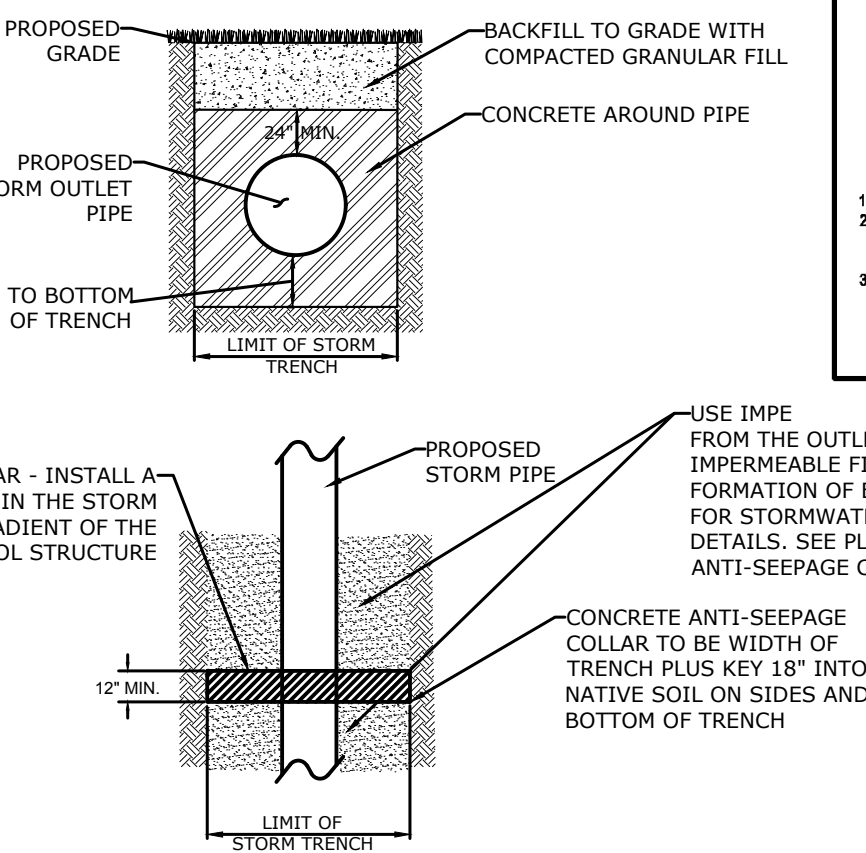
TYPICAL DETENTION BASIN
NOT TO SCALE



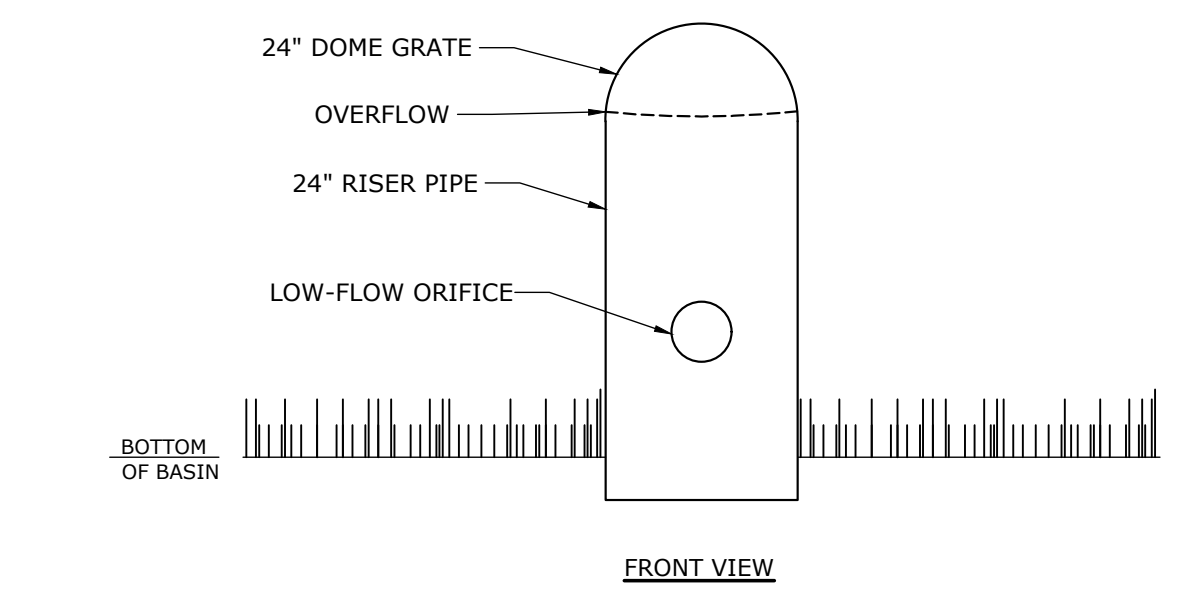
INLINE DRAIN WITH DOME GRATE FOR STORMWATER BASINS
NOT TO SCALE



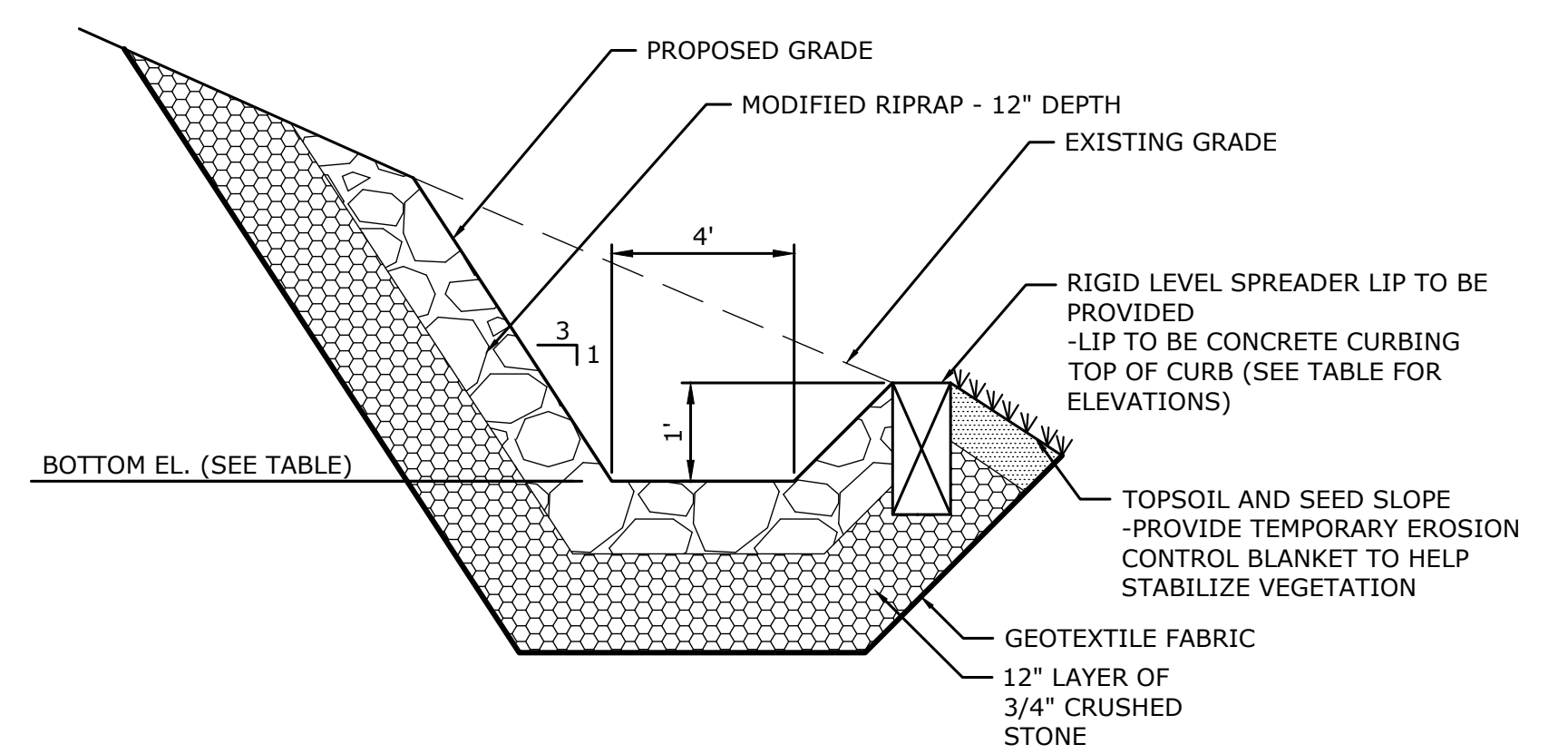
EMERGENCY RIPRAP SPILLWAY
NOT TO SCALE



ANTI SEEPAGE COLLAR
NOT TO SCALE

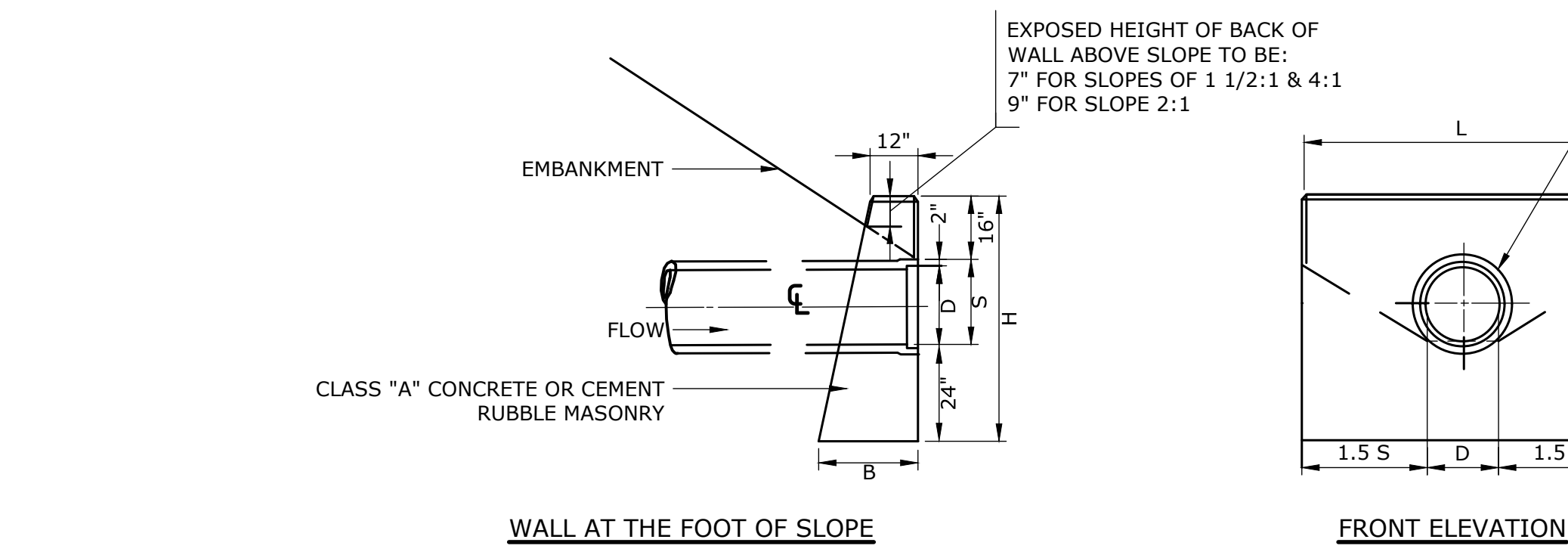


DET 110	DET 310	DET 120	DET 410
TOP OF BERM ELEVATION	1142.0	1138.0	1134.0
OVERFLOW ELEVATION	1140.5	1136.4	1134.0
100-YEAR WATER SURFACE ELEV.	1141.0	1137.0	1133.0
LOW FLOW ORIFICE DIAMETER	6.0"	6.0"	8.0"
LOW FLOW ORIFICE INVERT	1137.0	1134.4	1129.1
OUTLET PIPE DIAMETER	15"	15"	15"
OUTLET PIPE INVERT	1136.0	1134.0	1128.0
BASIN BOTTOM ELEVATION	1136.0	1134.0	1128.0

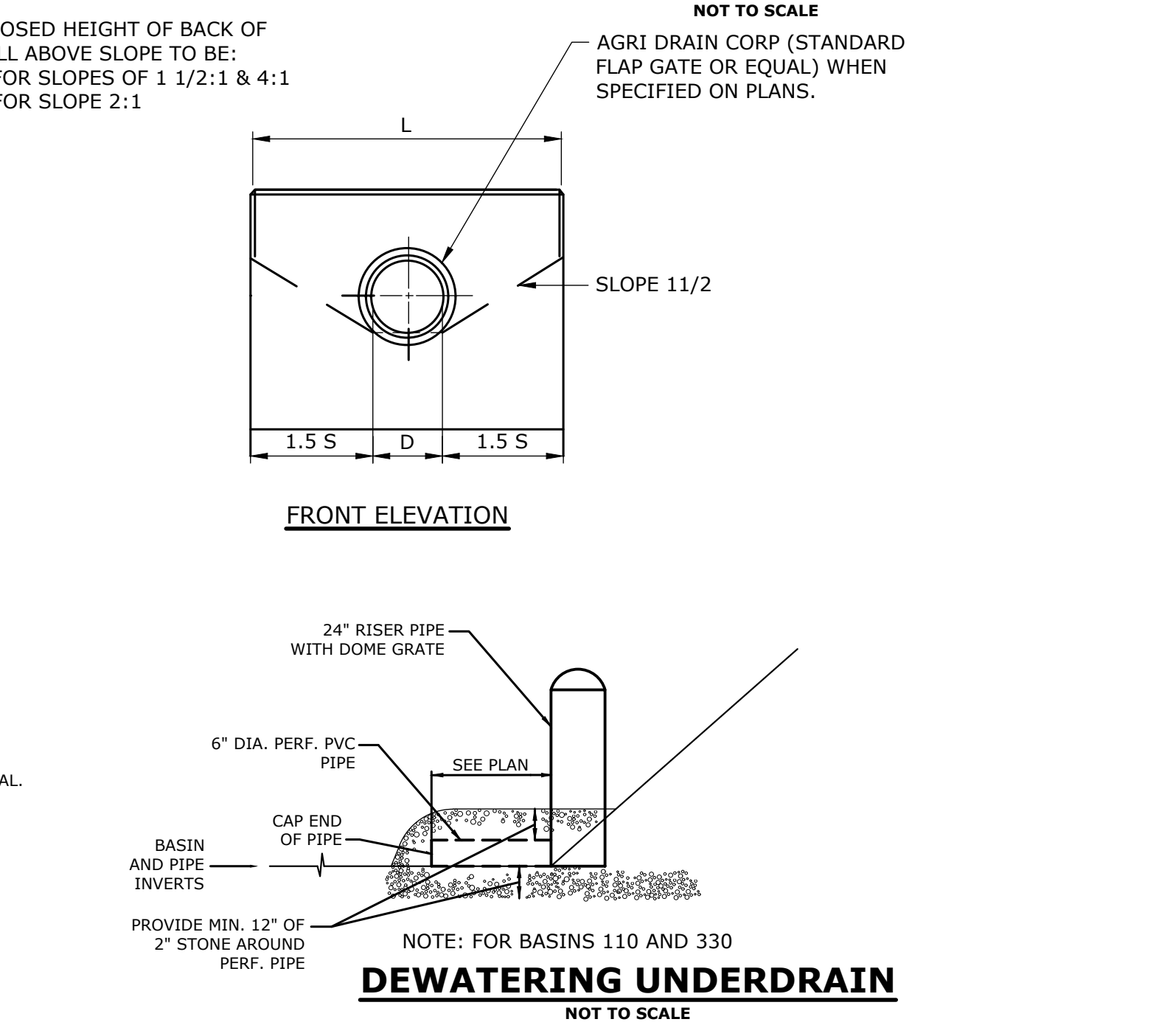


LEVEL SPREADER ID	BOTTOM EL. (FT)	TOP OF CURB EL. (FT)
110	1135.0	1136.0
120	1133.0	1134.0
310	1149.0	1150.0
410	1125.0	1126.0

LEVEL SPREADER
NOT TO SCALE



CONCRETE HEADWALL
NOT TO SCALE



DEWATERING UNDERDRAIN
NOT TO SCALE

DETENTION BASIN OUTLET CONTROL STRUCTURES
SCALE: 1" = 2'



DESCRIPTION	DATE	BY

SITE DETAILS
KLUG HILL RV PARK
KOA CAMPGROUND
232 KLUG HILL ROAD
TORRINGTON, CONNECTICUT

DESIGNED	MLA	RJM
DRAWN	CHECKED	
NOT TO SCALE		
NOVEMBER 9, 2022		
DATE		
PROJECT NO. 20174.00002		
SHEET NO. 23 OF 23		

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