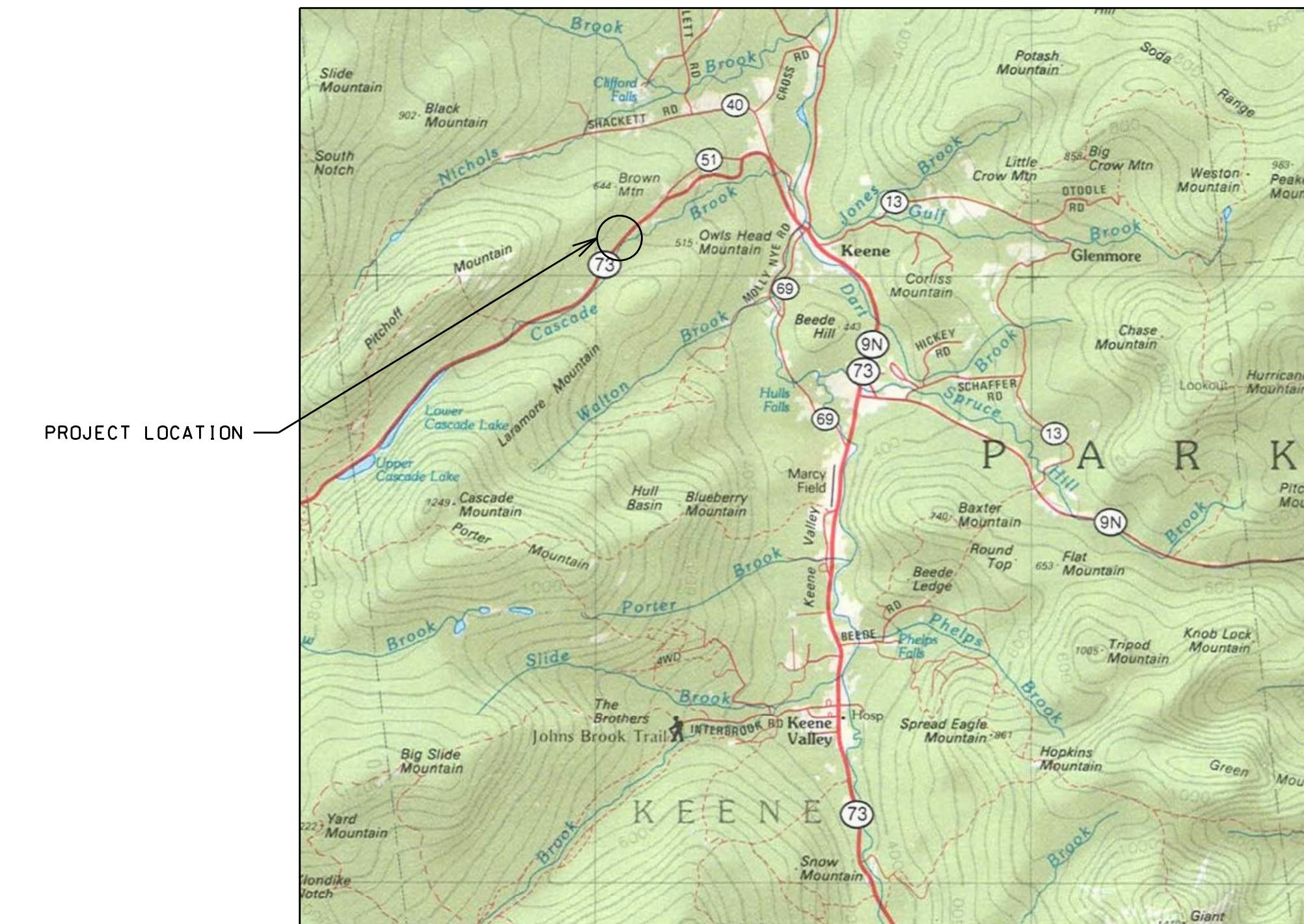


AYLWARD SUBDIVISION

TOWN OF KEENE, NEW YORK



LOCATION MAP
NTS



AYLWARD SUBDIVISION
TOWN OF KEENE • NY

LIST OF ABBREVIATIONS

AB	ANCHOR BOLT	GA	GAUGE	SB	SETBACK
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	GALV	GALVANIZED	SC	SOLID CORE
AFF	ABOVE FINISH FLOOR	GC	GENERAL CONTRACTOR	SCHED	SCHEDULE
ALUM	ALUMINUM	HC	HOLLOW CORE	SEAL	CONCRETE SEALER
ALT	ALTERNATE	HORZ	HORIZONTAL	SF	SQUARE FOOT
APPROX	APPROXIMATE	HT	HEIGHT	SIM	SIMILAR
ARCH	ARCHITECTURAL	IAW	IN ACCORDANCE WITH	SPEC	SPECIFICATION
BM	BENCH MARK	ID	INSIDE DIAMETER	SST	STAINLESS STEEL
BLDG	BUILDING	INC	INCLUDING	STD	STANDARD
BRK	BREAK	INV	INVERT	STL	STEEL
BJ	BAR JOIST	LLH	LONG LEG HORIZONTAL	STR	STRAIGHT
CIP	CAST IN PLACE	LLV	LONG LEG VERTICAL	STRUCT	STRUCTURAL
CJ	CONSTRUCTION JOINT	MAT'L	MATERIAL	T&B	TOP AND BOTTOM
CLR	CLEAR	MAS	MASONRY	TO	TOP OF
CM	CONSTRUCTION MANAGER	MAX	MAXIMUM	TOBP	TOP OF BEAM POCKET
CMU	CONCRETE MASONRY UNIT	MFR	MANUFACTURER	TOF	TOP OF FOOTER
COL	COLUMN	MIN	MINIMUM	TOP	TOP OF PIER
CONN	CONNECTION	MO	MASONRY OPENING	TOS	TOP OF SLAB
CONT	CONTINUOUS	MTL	METAL	TOST	TOP OF STEEL
CONTR	CONTRACTOR	N	N	TOW	TOP OF WALL
CY	CUBIC YARD	NIC	NORTH	TYP	TOPICAL
DIA	DIAmeter	NO	NOT IN CONTRACT	UNO	UNLESS NOTED OTHERWISE
DIM	DIMENSION	NO	NUMBER	UTIL	UTILITY
DN	DOWN	NOM	NOMINAL	VB	VAPOR BARRIER
DO	Ditto	NTS	NOT TO SCALE	VERT	VERTICAL
DTL	DETAIL	OC	ON CENTER	VIF	VERIFY IN FIELD
DWG	DRAWING	OD	OUTSIDE DIAMETER	W	WEST
EC	ELECTRICAL CONTRACTOR	PCF	POUNDS PER CUBIC FOOT	W/	WITH
EJ	EXPANSION JOINT	PSF	POUNDS PER SQUARE FOOT	W/O	WITHOUT
EL	ELEVATION	REQ	REQUIRED	W/W	WALL TO WALL
ES	EXPOSED STRUCTURAL	RAD	RADIUS	WWM	WELDED WIRE MESH
ETR	EXISTING TO REMAIN	REINF	REINFORCED/REINFORCEMENT	WS	WALL STEP
EW	EACH WAY	REQ	REQUIRED		
EXIST	EXISTING	REV	REVISION		
EXP	EXPANSION	RO	ROUGH OPENING		
EXT	EXTERIOR	RP	RIGGING POINT		
FFE	FLOOR ELEVATION				
FND	FOUNDATION				
FR	FIRE RESISTANT				
FRM	FORMER				
FTG	FOOTING				
FS	FOOTING STEP				

DRAWING LIST

SHEET	TITLE	REVISION	DATE
COV	COVER	B	12/5/25
SURV	TOPOGRAPHIC LIDAR SURVEY	B	10/2025
C100	LOT 1 ESC PLAN	B	12/5/25
C101	LOTS 2-4 ESC PLAN	B	12/5/25
C102	LOTS 5-6 ESC PLAN	B	12/5/25
C103	LOTS 7 DRIVE ESC PLAN	B	7/25/25
C104	LOT 8 ESC PLAN	B	12/5/25
C105	OVERALL SITE PLAN	B	12/5/25
C106	LOT 9 SITE PLAN	B	12/5/25
C107	LOTS 2-4 SITE PLAN	B	12/5/25
C108	LOTS 5-6 SITE PLAN	B	12/5/25
C109	LOTS 7 SITE PLAN	B	12/5/25
C110	GRADING PLAN STA 0+00-7+00	A	11/7/25
C111	GRADING PLAN STA 7+00-12+00	A	11/7/25
C112	GRADING PLAN STA 12+00-14+00	A	11/7/25
C113	GRADING PLAN STA 14+00-2+50-6+76	A	10/30/25
C114	DDO DRIVE SITE PLAN AND PROFILE	A	11/7/25
C200	MAIN RD PROFILE STA 0+00-5+00	A	11/7/25
C201	MAIN RD PROFILE STA 5+00-10+00	A	11/7/25
C202	MAIN RD PROFILE STA 10+00-14+50	A	11/7/25
C203	ROAD SECTIONS STA 0+00-10+00	A	11/7/25
C204	ROAD SECTIONS STA 10+00-14+00	A	11/7/25
C300	ESC NOTES	A	7/25/25
C301	ESC DETAILS	A	11/6/25
C302	SOIL TESTING NOTES & TABLES	A	11/6/25
C303	SEPTIC DETAILS & NOTES	A	7/25/25
C304	SEPTIC DETAILS & NOTES	A	7/25/25
C305	WATER & SITE DETAILS	A	11/7/25
C400	DOT DETAILS	A	10/30/25
C401	DOT DETAILS	A	10/30/25
C402	DOT DETAILS	A	10/30/25
C403	DOT DETAILS	A	10/30/25
C404	DOT DETAILS	A	10/30/25
C405	DOT DETAILS	A	10/30/25

SEPTIC TANK LEGEND

- DUAL COMPARTMENT CONCRETE SEPTIC TANK
- CONCRETE SEPTIC AND PUMP COMBINATION TANK

GENERAL NOTES

1. SITE PLAN BASED UPON CAD SURVEY FILE FROM LEIFHEIT AND LITTLEFIELD LAND SURVEYORS, DATED 2024.
2. BASIS FOR ELEVATION FROM SURVEY.
3. NOTIFY ENGINEER AT (518)891-4975 MINIMUM 3 WORKING DAYS PRIOR TO STARTING WORK.
4. CONTRACTOR RESPONSIBLE FOR DEWATERING AS NEEDED, ALTHOUGH NOT EXPECTED. DEWATERING DISCHARGE SHALL BE INTO APPROPRIATE CONTAINMENT.
5. CONTRACTOR RESPONSIBLE TO CALL DIG SAFELY NEW YORK MINIMUM 3 WORKING DAYS PRIOR TO STARTING WORK.
6. CONTRACTOR RESPONSIBLE FOR PROTECTING ALL EXISTING STRUCTURES. CONTRACTOR SHALL STOP WORK AND NOTIFY ENGINEER IF ANY DAMAGES BECOME APPARENT OR ARE SUSPECTED. WORK SHALL NOT RE-COMMENCE UNTIL CONTRACTOR RECEIVES WRITTEN NOTICE FROM ENGINEER.
7. CONDUCT ALL EXCAVATION IAW OSHA STANDARDS.
8. OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
9. ROADS TO REMAIN OPEN DURING CONSTRUCTION. COORDINATE ENTRANCES WITH COUNTY OR TOWN AS MAY BE APPROPRIATE.
10. RESTORE ALL EXTERIOR DISTURBED AREAS TO PRE-DISTURBED CONDITION. SEED TO GRASS AND MULCH IF LAWN AREA. FILL, COMPACT AND GRADE GRAVEL DRIVES/PARKING AREAS. PAVE AREAS THAT WERE PAVED DRIVES/PARKING AREAS.
11. PROVIDE SKETCH OF COMPLETED SEPTIC INSTALLATION TO ENGINEER WITHIN 30 DAYS OF COMPLETION.

NYS DEPARTMENT OF HEALTH REALTY SUBDIVISION CONDITIONS OF APPROVAL

1. THAT THE PROPOSED FACILITIES FOR WATER SUPPLY AND SEWAGE COLLECTION ARE INSTALLED IN CONFORMITY WITH SAID PLANS.
2. THAT NO LOT OR REMAINING LAND SHALL BE SUBDIVIDED WITHOUT PLANS FOR SUCH RESUBDIVISION BEING SUBMITTED TO AND APPROVED BY THE NEW YORK STATE DEPARTMENT OF HEALTH.
3. THAT THE DEVELOPER SHALL FURNISH EACH PURCHASER OF A LOT ON WHICH WATER SUPPLY AND/OR SEWAGE TREATMENT FACILITIES WERE INSTALLED WITH A REPRODUCTION OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT PLAN DEPICTING ALL INSTALLED SANITARY FACILITIES.
4. THAT THE PUBLIC WATER SUPPLY AND COMMUNITY SEWERAGE IMPROVEMENTS SERVING THIS SUBDIVISION SHALL BE INSPECTED FOR COMPLIANCE WITH THE APPROVED PLANS AT THE TIME OF CONSTRUCTION BY A NEW YORK LICENSED PROFESSIONAL (PE, RA OR EXEMPT LS) AND WRITTEN CERTIFICATION TO THAT EFFECT SHALL BE SUBMITTED TO THE NYS DEPARTMENT OF HEALTH AND THE LOCAL BUILDING CODE ENFORCEMENT OFFICER WITHIN 30 DAYS AND PRIOR TO OCCUPANCY.
5. THAT PLAN APPROVAL IS LIMITED TO FIVE YEARS FROM THE DATE OF APPROVAL, AND SHALL EXPIRE ON . TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE NYS DEPARTMENT OF HEALTH BASED ON DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
6. THAT THE APPROVED PLANS MUST BE FILED WITH THE ESSEX COUNTY CLERK PRIOR TO OFFERING LOTS FOR SALE WITHIN 90 DAYS OF THE DATE OF PLAN APPROVAL.
7. THAT ALL LOCAL AND OTHER STATE AGENCY RULES AND REGULATIONS SHALL BE COMPLIED WITH.

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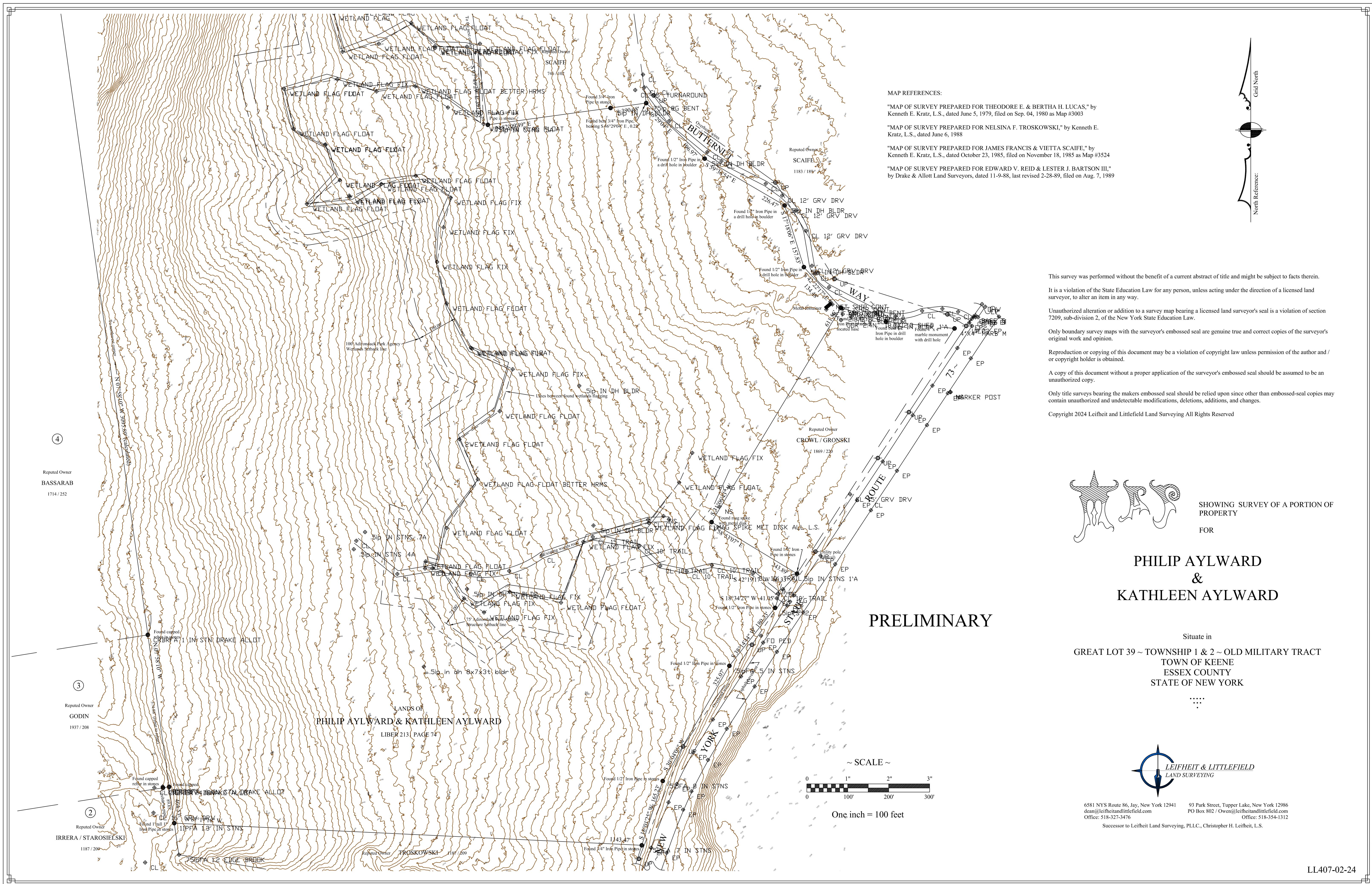
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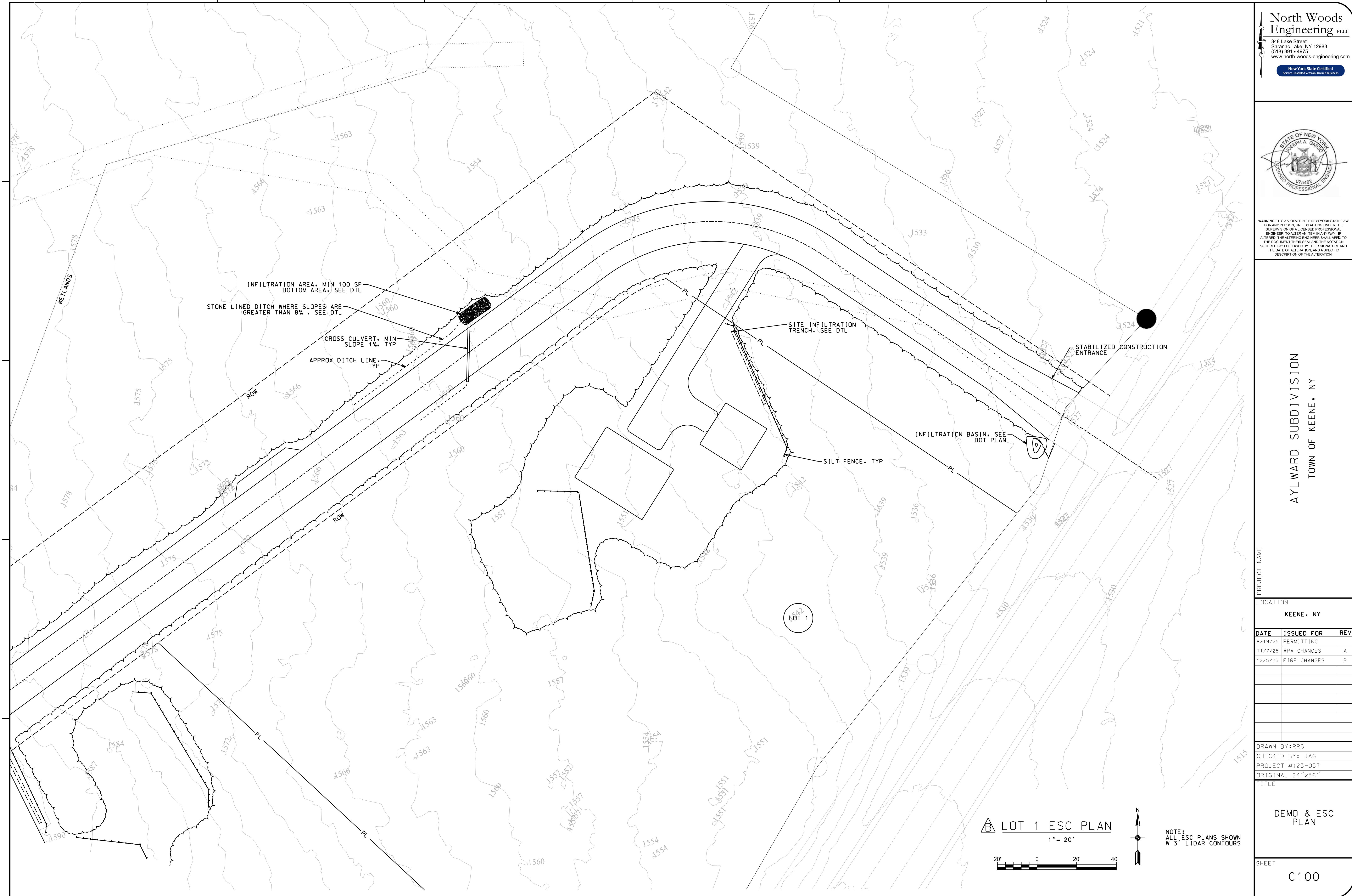
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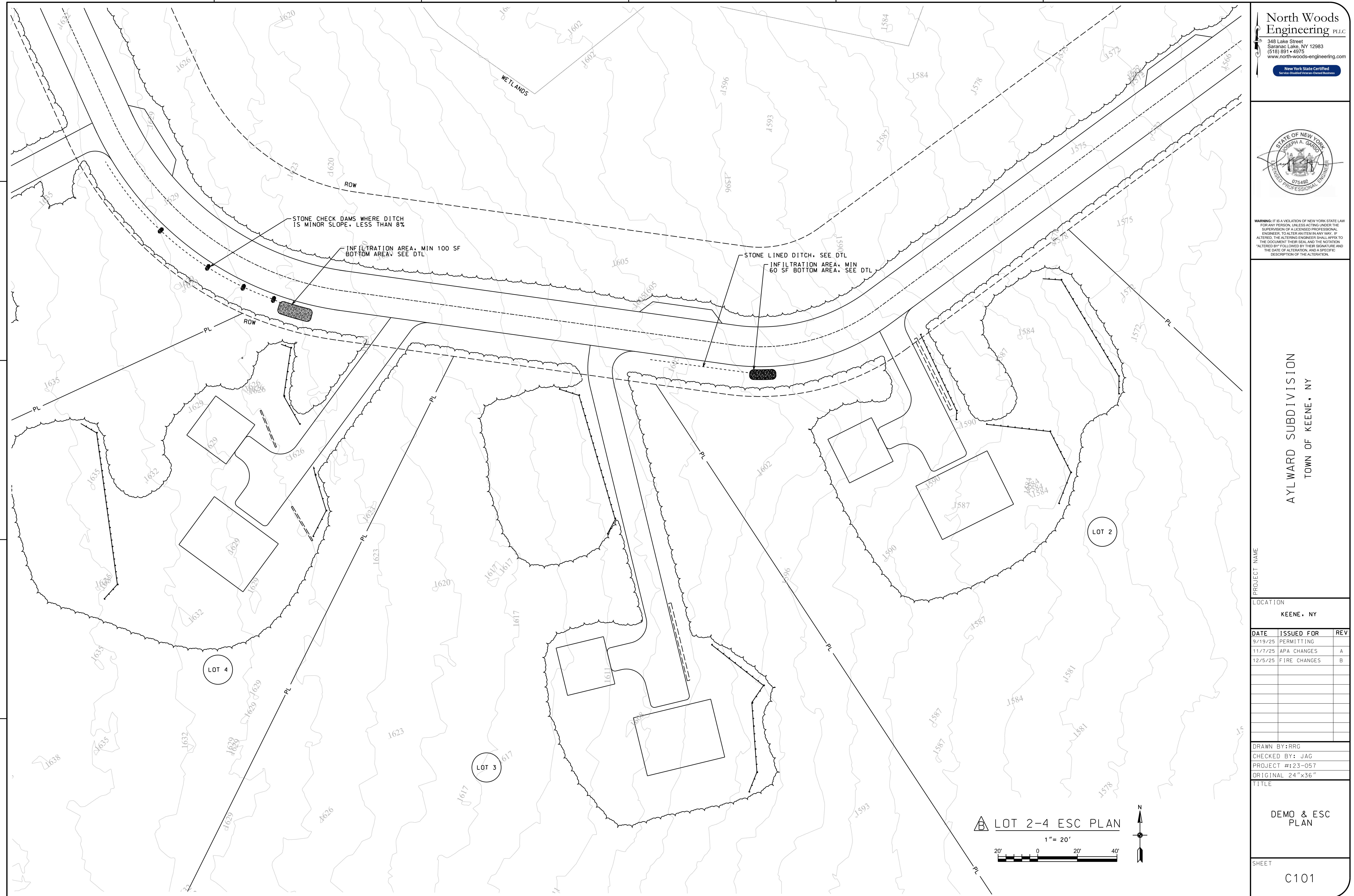
STATE OF NEW YORK
JOSEPH A. GARDNER
LICENCED PROFESSIONAL ENGINEER
075492

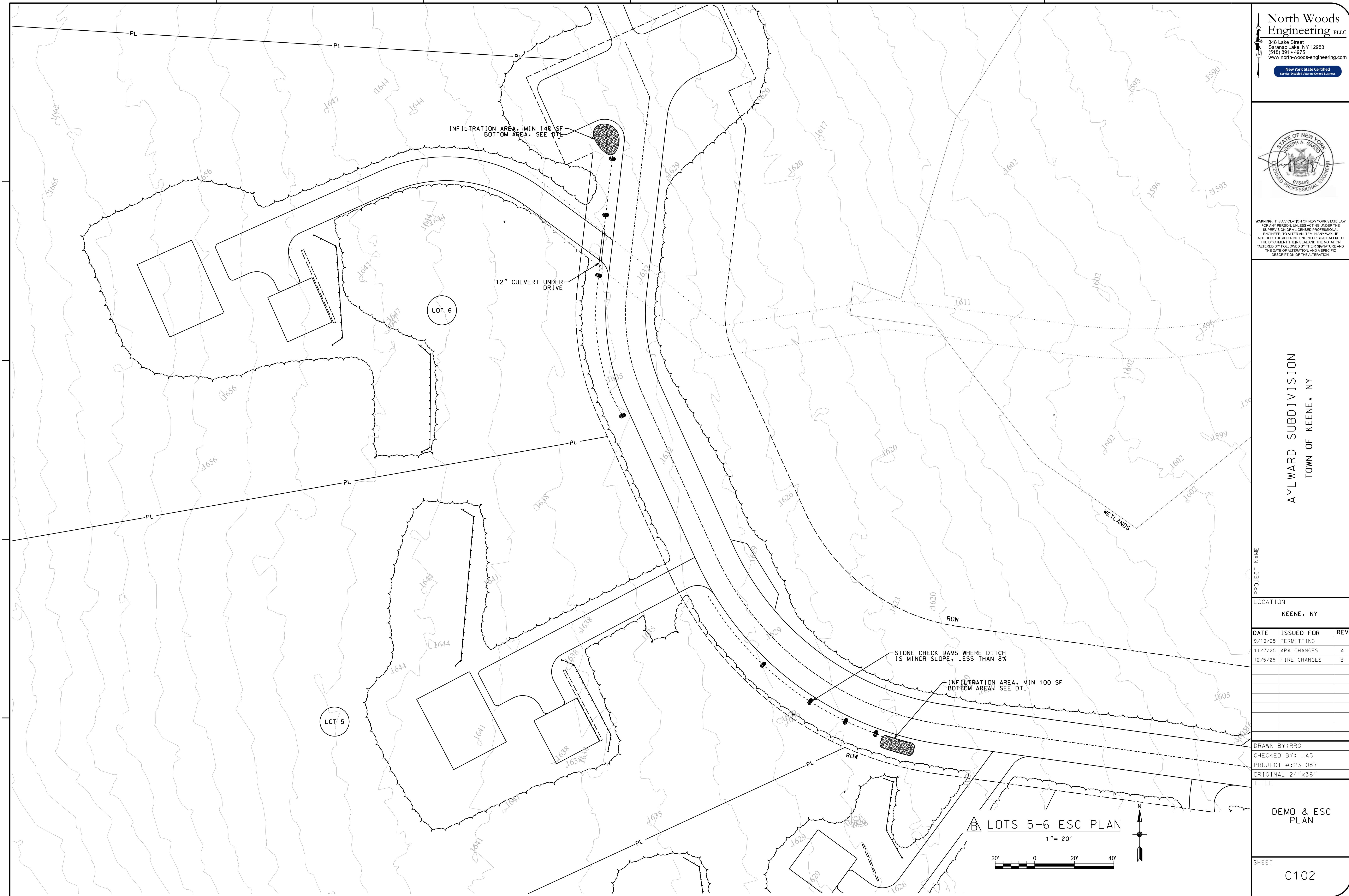
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PROJECT NAME	LOCATION	DATE ISSUED FOR	REV
	KEENE, NY	9/19/25	PERMITTING
		11/7/25	PERMITS
		12/5/25	PERMITS
DRAWN BY: RRG	CHECKED BY: JAG	PROJECT #: 23-057	ORIGINAL 24" x 36"
TITLE	COVER		
SHEET	COV		









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'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND
THE DATE OF ALTERATION, AND A SPECIFIC
DESCRIPTION OF THE ALTERATION.

AYLWARD SUBDIVISION
TOWN OF KEENE, NY

PROJECT NAME

LOCATION

KEENE, NY

DATE ISSUED FOR REV

9/19/25 PERMITTING

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24" x 36"
TITLE

DEMO & ESC
PLAN

LOT 7 DRIVE ESC PLAN

1" = 20'
20' 0' 20' 40'

N

SHEET

C103



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AYLWARD SUBDIVISION
TOWN OF KEENE • NY

PROJECT NAME

LOCATION

KEENE, NY

DATE	ISSUED FOR	REV
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9/19/25

PERMITTING

11/7/25

APA CHANGES

A

12/5/25

FIRE CHANGES

B



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AYLWARD SUBDIVISION
TOWN OF KEENE, NY

I OWN OF REENE, NI

LOCATION
KEENE, NY

ATE	ISSUED FOR	REV
19/25	PERMITTING	
7/25	APA CHANGES	A
5/25	EIRE CHANGES	B

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24" x 36"
TITLE

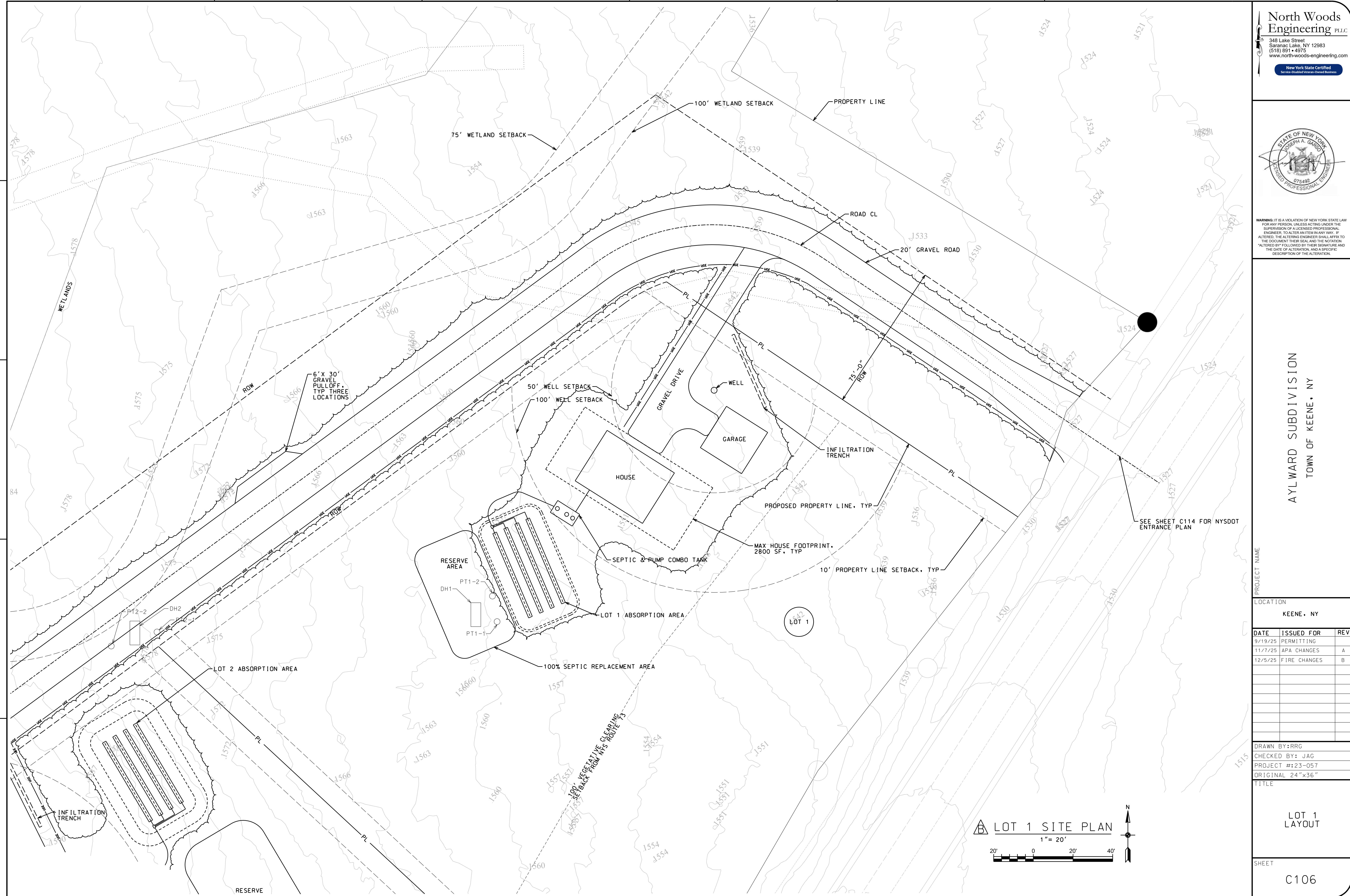
OVERALL ITE PLAN

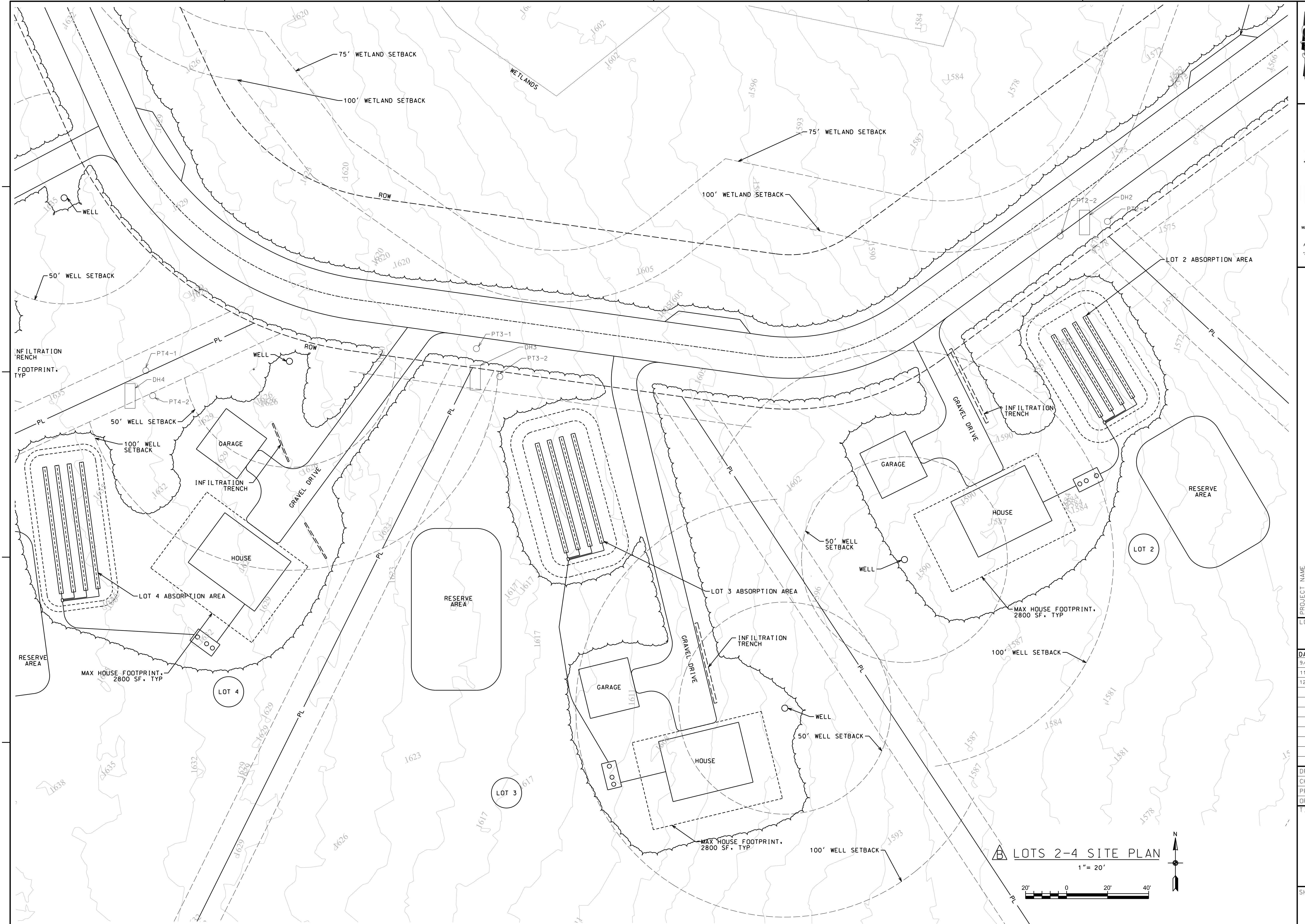
OVERALL SITE PLAN

NOTE:
ALL SITE PLANS SHOWN
W 3' LIDAR CONTOURS



SHEET





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AYLWARD SUBDIVISION
TOWN OF KEENE, NY

IOWA CITY, IOWA

LOCATION

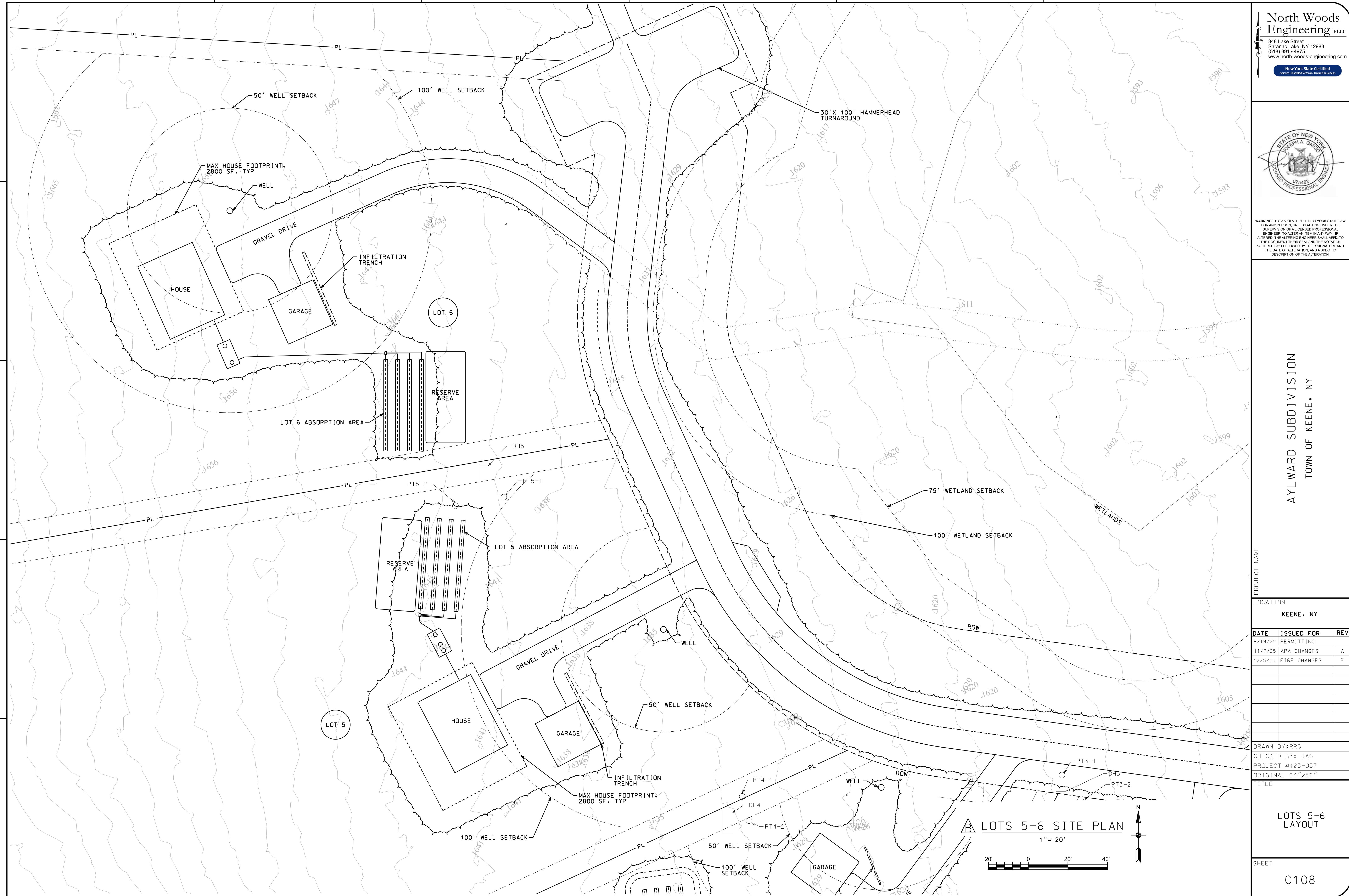
ATE	ISSUED FOR	REV
19/25	PERMITTING	
/7/25	APA CHANGES	A

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24" x 36"

TITLE

LOTS 2-4 LAYOUT

HEET



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AYLWARD SUBDIVISION
TOWN OF KEENE, NY

WARD SUBDIVISION
TOWN OF KEENE, NY

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Page 1 of 1

ISSUED FOR
PERMITTING
PA CHANGE
TIRE CHANGE

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ANSWER

• BBC

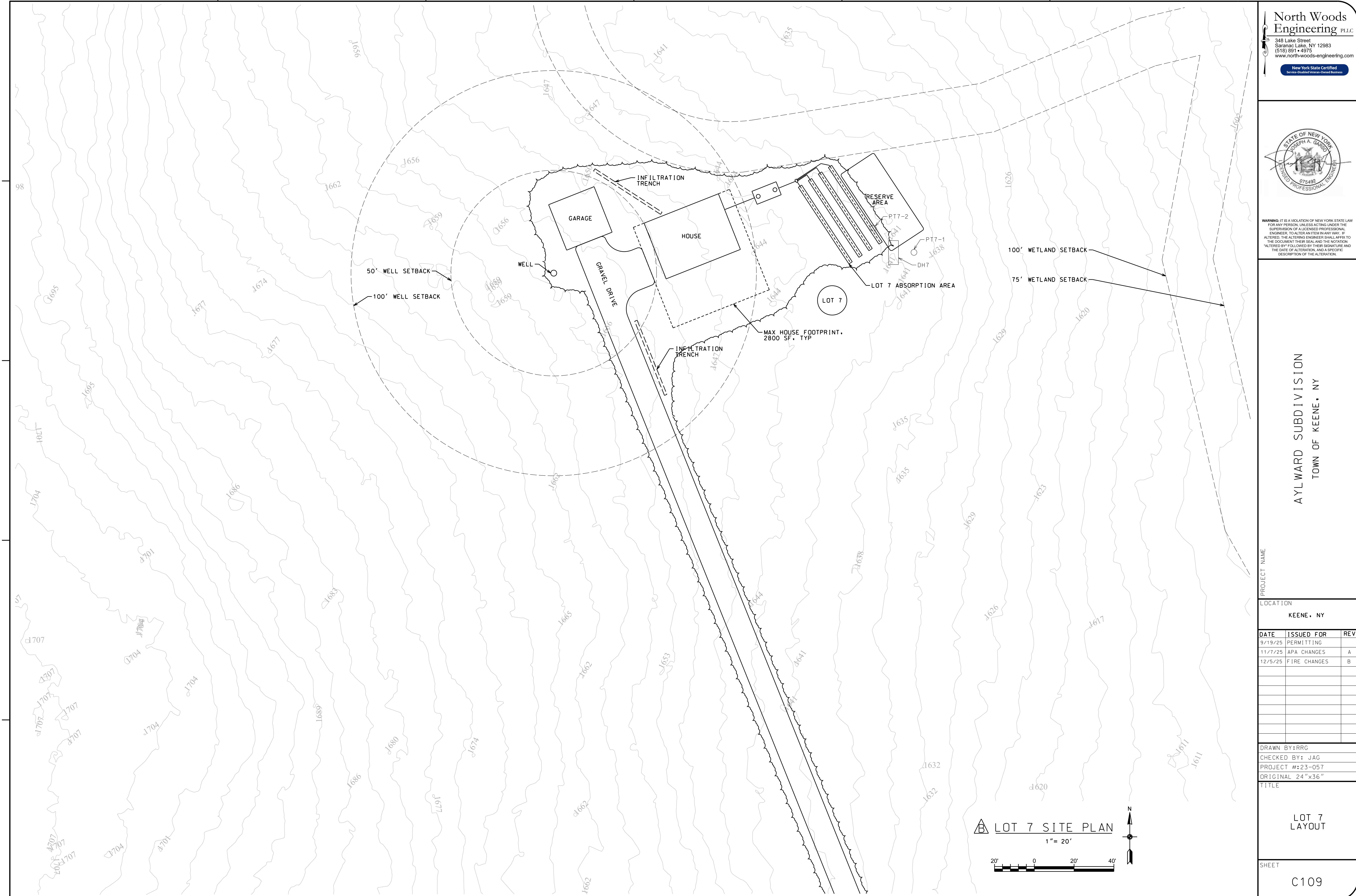
• RRG

#: 23-057
24" x 36"

LOT 7
LAYOU

10 of 10

C109





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AYLWARD SUBDIVISION

KEENE, NY

PROJECT NAME

LOCATION

KEENE, NY

DATE ISSUED FOR REV

7/25/25 PERMITTING

11/7/25 APA CHANGES A

12/5/25 FIRE CHANGES B

DRAWN BY: RRG

CHECKED BY: JAG

PROJECT #: 23-057

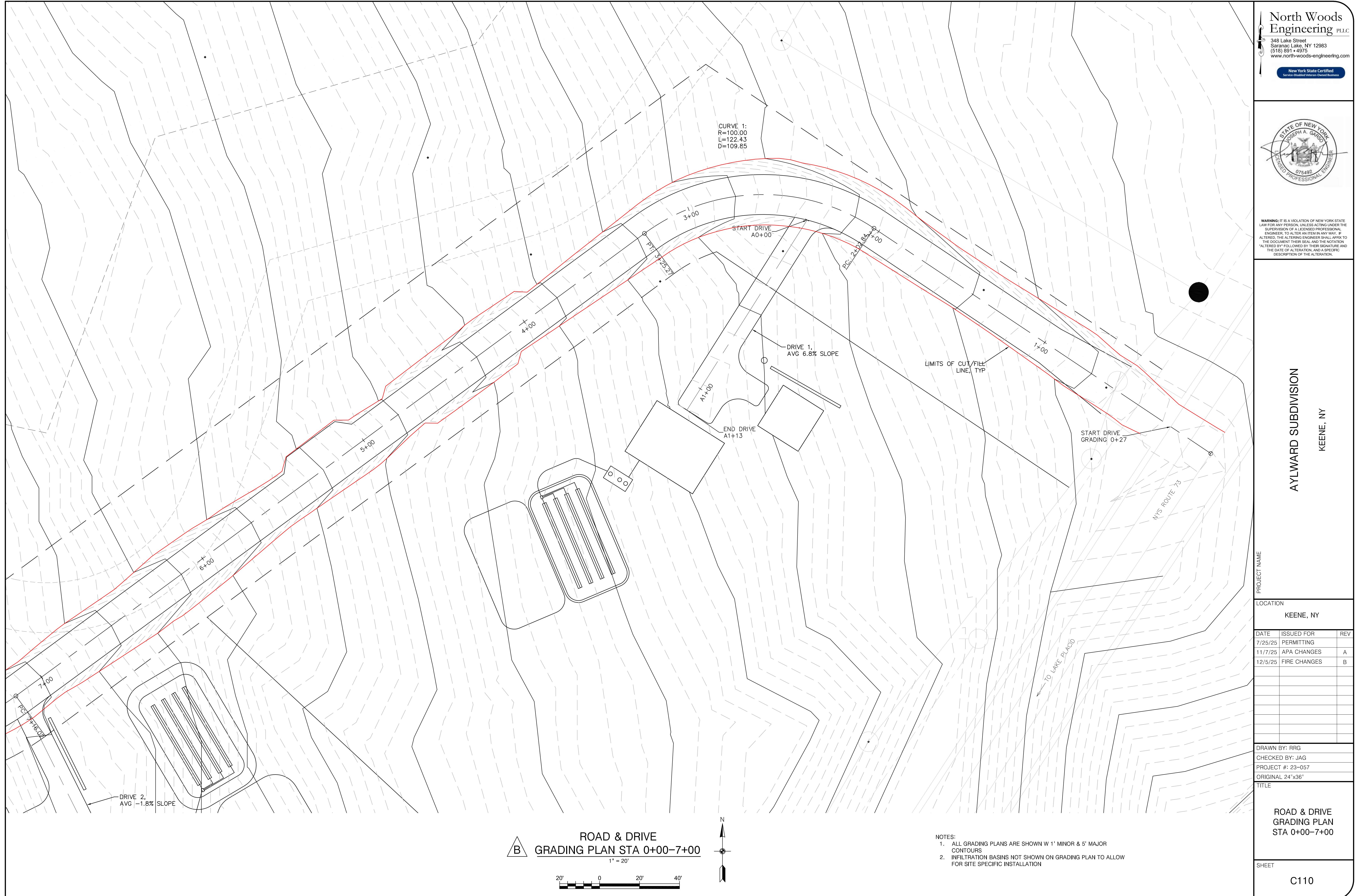
ORIGINAL 24"x36"

TITLE

ROAD & DRIVE
GRADING PLAN
STA 0+00-7+00

SHEET

C110





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AYLWARD SUBDIVISION

KEENE, NY

PROJECT NAME

LOCATION

KEENE, NY

DATE	ISSUED FOR	REV
7/25/25	PERMITTING	
11/7/25	APA CHANGES	A
12/5/25	FIRE CHANGES	B

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24"x36"

TITLE

ROAD & DRIVE
GRADING PLAN
STA 7+00-12+00

SCHEET

C111

ROAD & DRIVE
GRADING PLAN STA 7+00-12+00

1' = 20'



B

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KEENE, NY

PROJECT NAME

LOCATION

KEENE, NY

DATE	ISSUED FOR	REV
7/25/25	PERMITTING	
11/7/25	APA CHANGES	A
12/5/25	FIRE CHANGES	B

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24"x36"

TITLE

ROAD & DRIVE
GRADING PLAN
STA 10+50-14+01.45

SHEET

C112

ROAD & DRIVE

B GRADING PLAN STA 10+50-14+01.45

1" = 20'
20' 0' 20' 40'



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DATE	ISSUED FOR	REV
7/25/25	PERMITTING	
11/7/25	APA CHANGES	A

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24"x36"
TITLE

LOT 7 DRIVE GRADING
STA 2+50-6+76

SHEET

C113

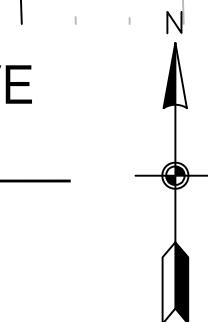
GRADING PLAN LOT 7 DRIVE

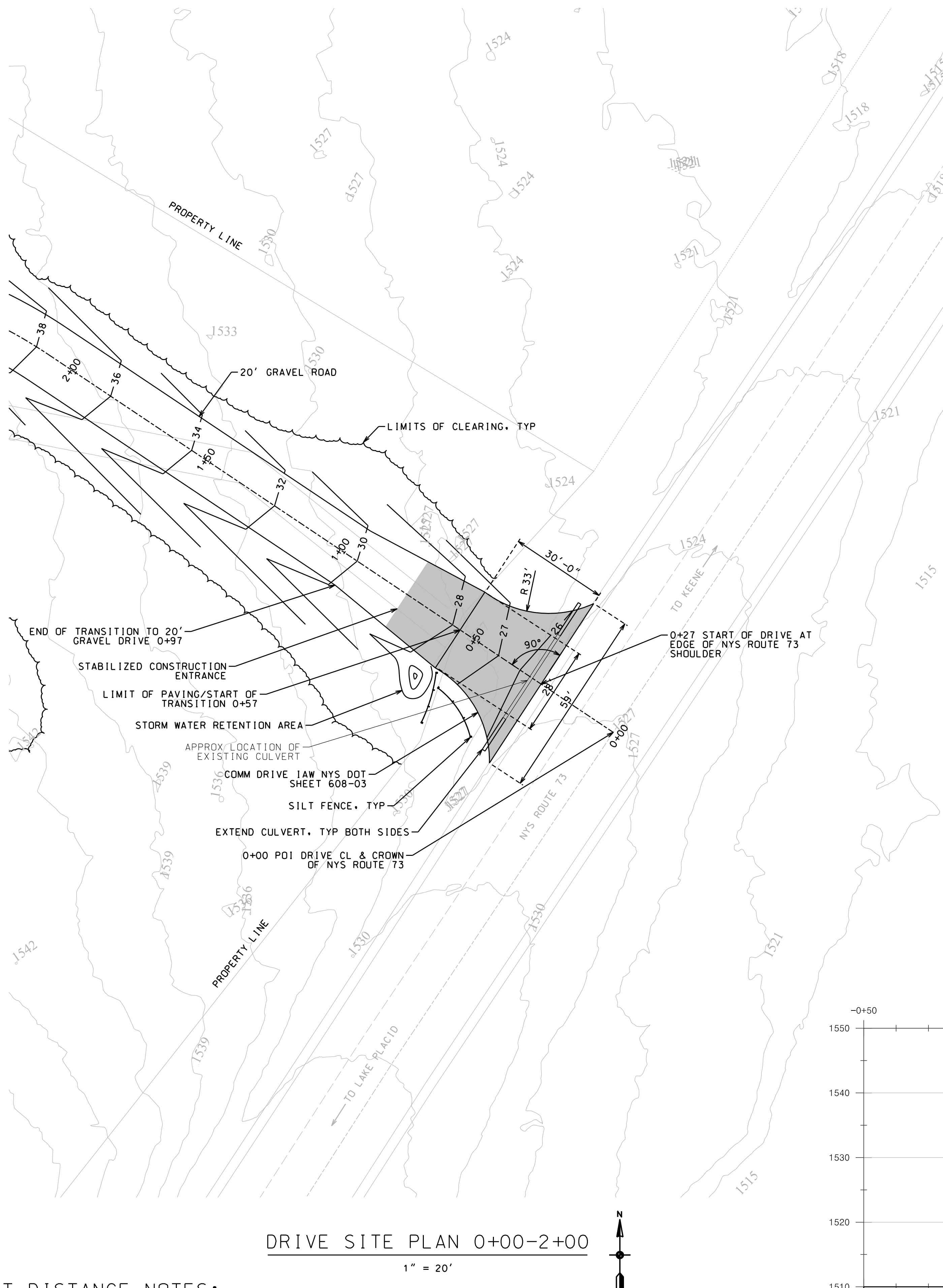
STA 2+50-6+76

1' = 20'



A





The diagram illustrates a cross-section of a road structure. At the bottom, a layer of **GEOTEXTILE FABRIC** is shown with a hatched pattern. Above it is a layer of **8" TYPE 4 SUBBASE COURSE** (NYSDOT ITEM 304.14), depicted with a stippled pattern. The third layer is a **2 1/2" TYPE 3 BINDER COURSE** (NYSDOT ITEM 403.13), shown with a diagonal hatching pattern. The top layer is a **1 1/2" TYPE 7 TOP COURSE** (NYSDOT ITEM 403.18), represented by a horizontal line pattern. Arrows point from the text labels to their respective layers in the cross-section.

NEW ASPHALT PAVEMENT DETAIL

N

SEE NEW ASPHALT PAVEMENT DETAIL

14'-0" PAVEMENT

1/4" PER 1'

14'-0" PAVEMENT

1/4" PER 1'

8" GRAVEL SUBBASE

SUBGRADE

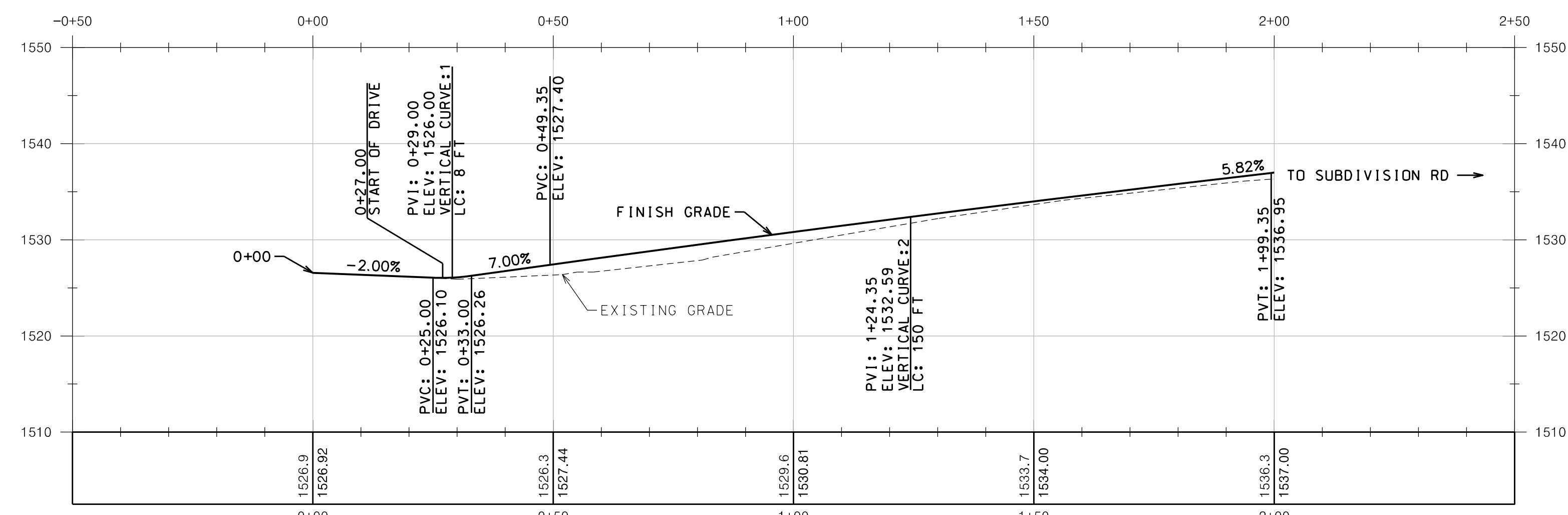
SEGMENTAL FABRIC

TYPICAL PAVED DRIVE SECTION

NOTE:
USE SECTION INSIDE OF NYSDOT ROW

NYSDOT STANDARD GENERAL PLAN NOTES:

1. ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
2. ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
3. MATERIALS, EQUIPMENT, AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
4. WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE MOST RECENT NYSDOT STANDARD SPECIFICATIONS – SECTION 619 WORK ZONE TRAFFIC CONTROL, THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS, DECEMBER 2023 EDITION, AND THE NEW YORK STATE SUPPLEMENT.
5. NOTIFY NEW YORK STATE DEPARTMENT OF TRANSPORTATION RESIDENT ENGINEER, GEORGE LAUNDRIE, PE, ONE (1) WEEK PRIOR TO WORKING IN THE RIGHT-OF-WAY (TELEPHONE NUMBER: (518) 873-2170).
6. NOTIFY UDIG NEW YORK TWO (2) WORKING DAYS PRIOR TO DIGGING, DRILLING, OR BLASTING AT 1-800-962-7962 FOR UTILITY STAKE OUT.
7. ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE LATEST NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND THE CURRENT ADDENDA, ALONG WITH ANY APPROPRIATE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SHEETS.
8. ALL TRAFFIC CONTROL DEVICES MUST CONFORM TO THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS AND THE NEW YORK STATE SUPPLEMENT.



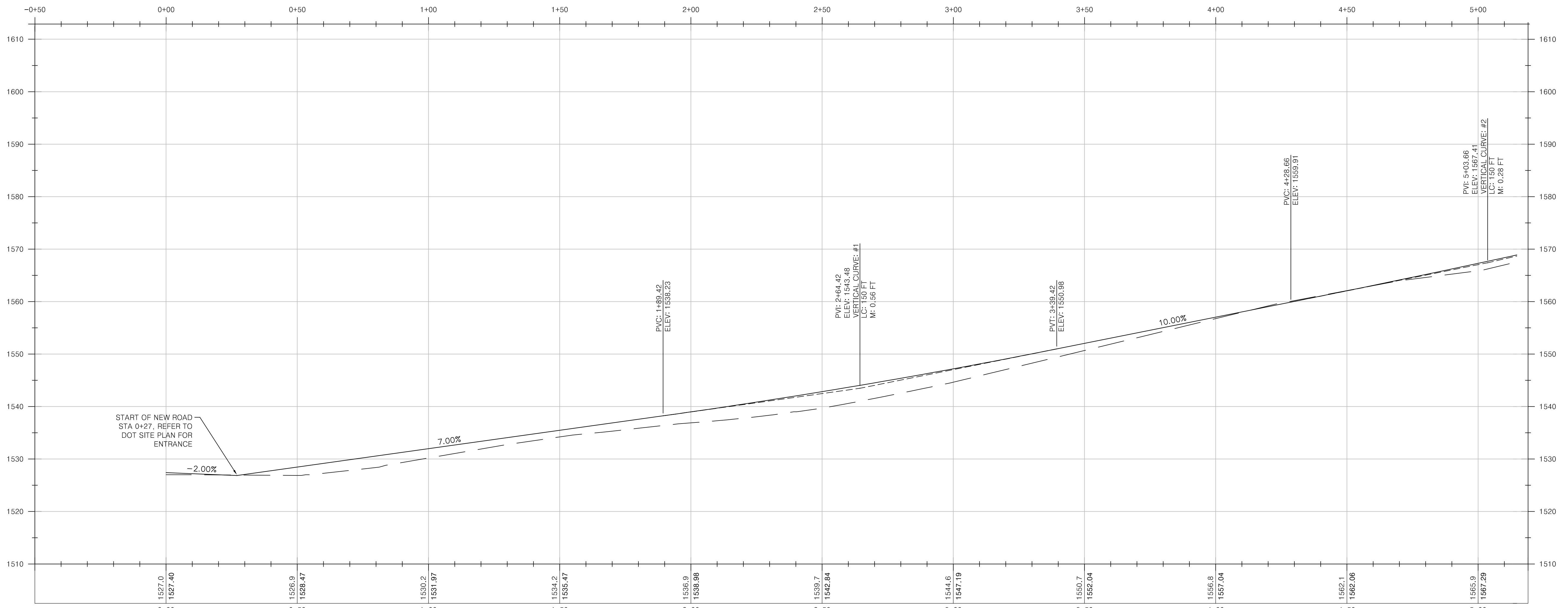
PROFILE NOTE: 0+00 IS POI DRIVE CL & CROWN OF NYS ROUTE 73

DRIVE PROFILE

HORIZ: 1" =
VERT: 1" = 1



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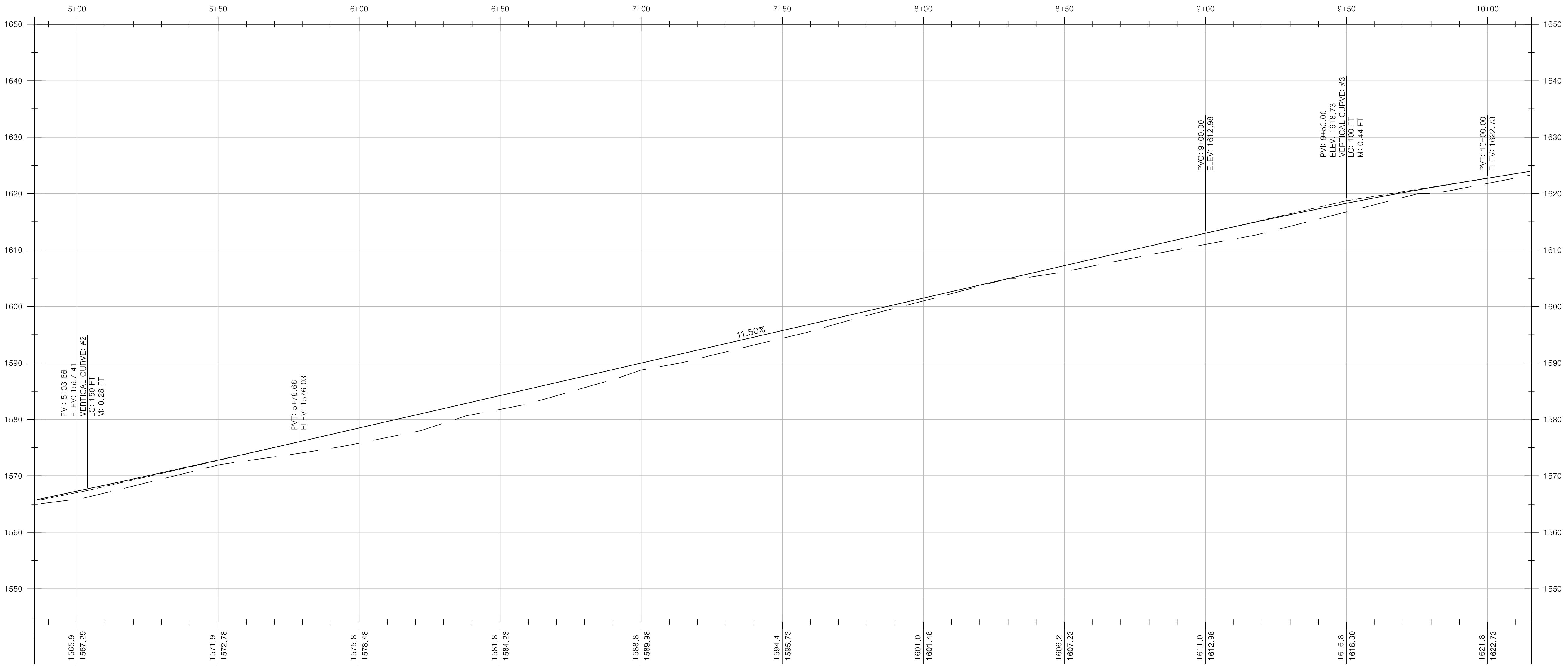
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MAIN RD PROFILE STA 0+00-5+00

HORZ: 1" = 20'
VERT: 1" = 10'
H:V: 1:2



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A

MAIN RD PROFILE STA 5+00-10+00

HORIZ: 1" = 20'
VERT: 1" = 10'
H:V = 1:2

AYLWARD SUBDIVISION

KEENE, NY

PROJECT NAME

LOCATION
KEENE, NY

DATE	ISSUED FOR	REV
7/25/25	PERMITTING	
11/7/25	APA CHANGES	A

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24"x36"
TITLE

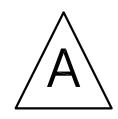
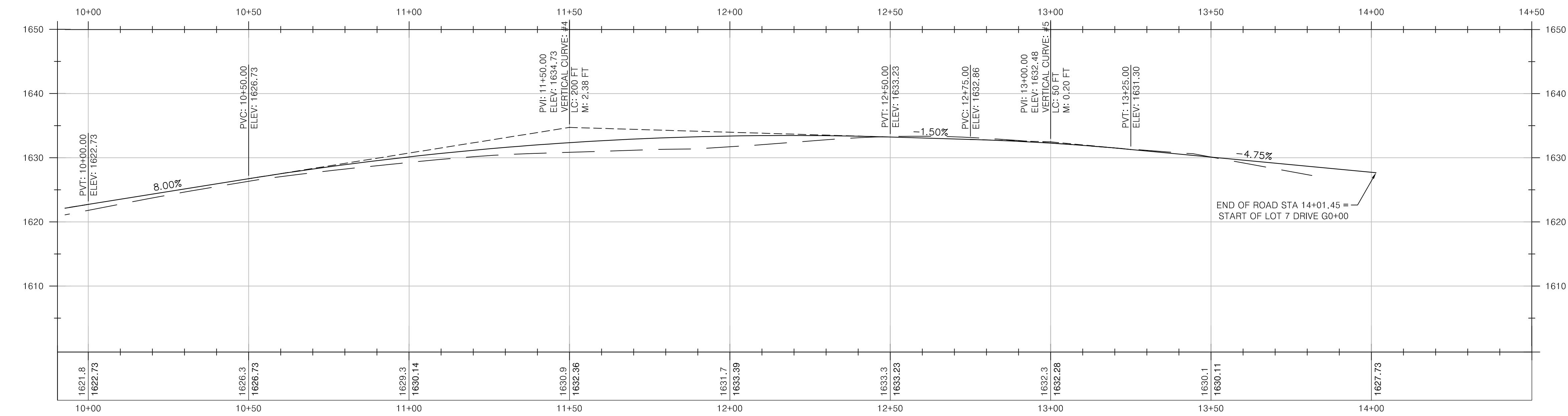
MAIN RD PROFILE
STA 5+00-10+00

SHEET

C201



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MAIN RD PROFILE STA 10+00-14+50

HORIZ: 1" = 20'
VERT: 1" = 10'
H:V = 1:2

AYLWARD SUBDIVISION

KEENE, NY



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AYLWARD SUBDIVISION

KEENE, NY

PROJECT NAME

LOCATION

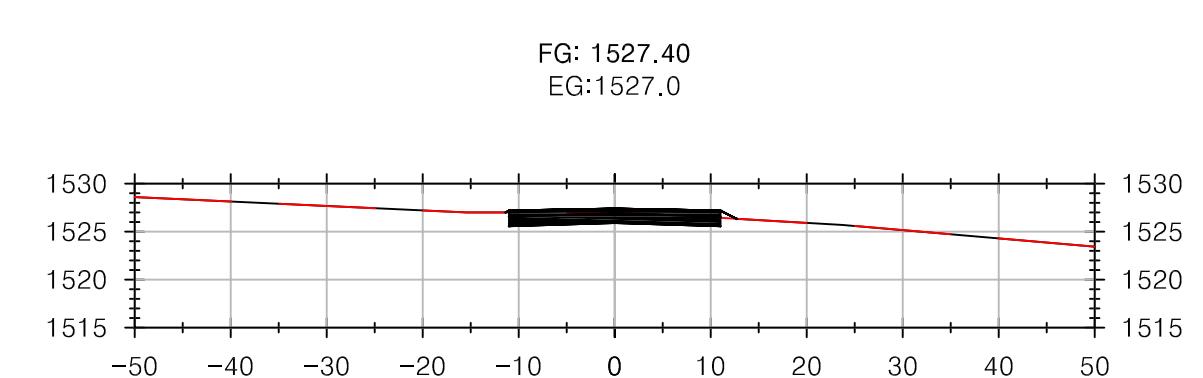
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DATE	ISSUED FOR	REV
7/25/25	PERMITTING	
11/7/25	APA CHANGES	A

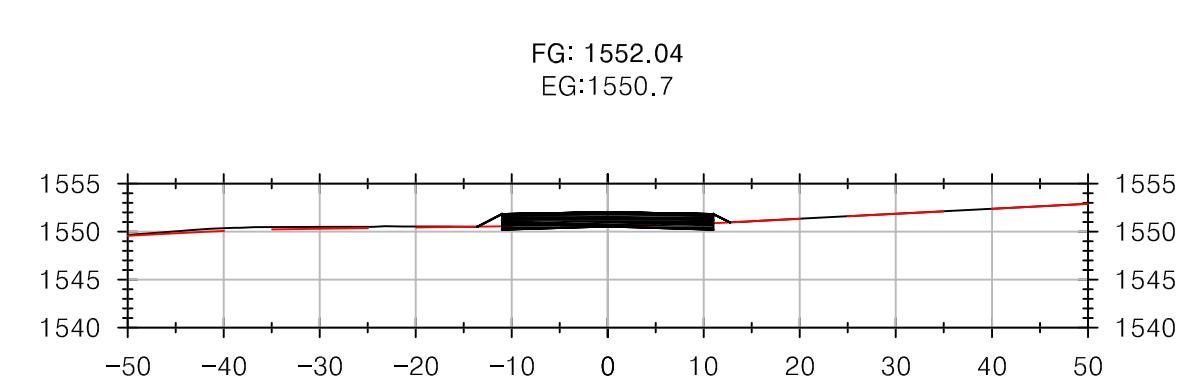
DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24" x 36"
TITLE

ROAD SECTIONS
STA 0+00-10+00

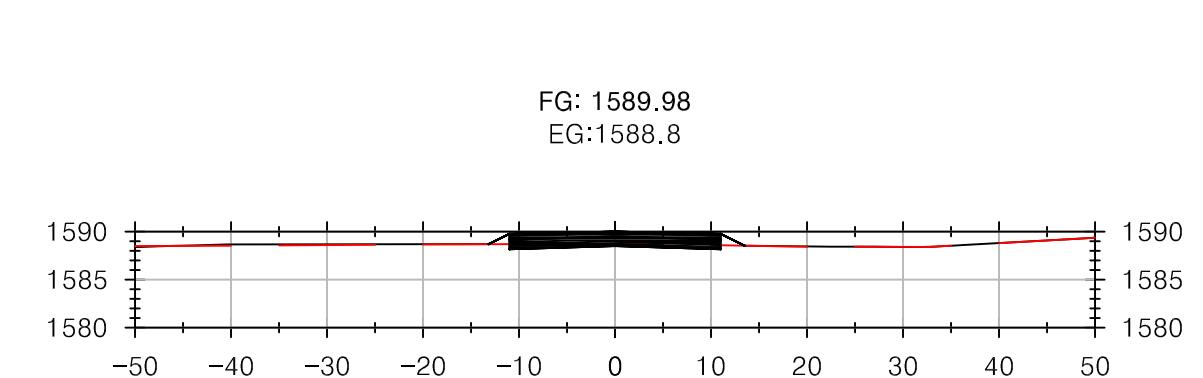
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C203



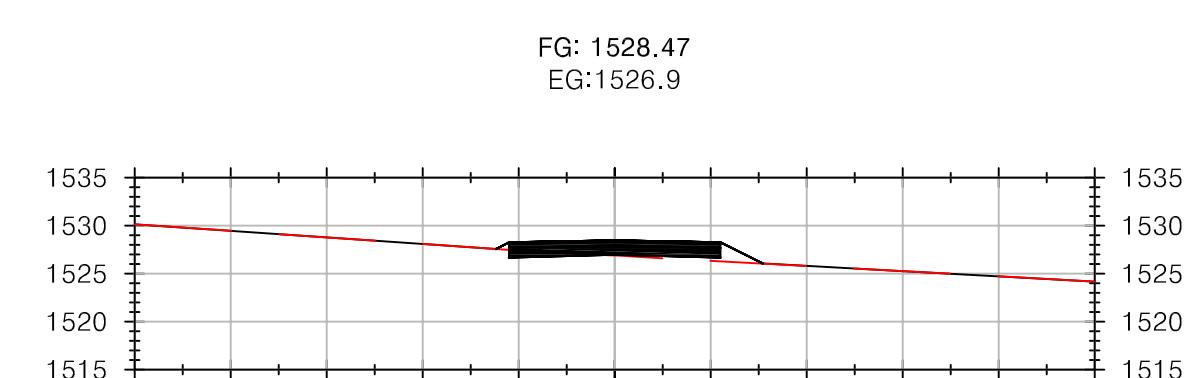
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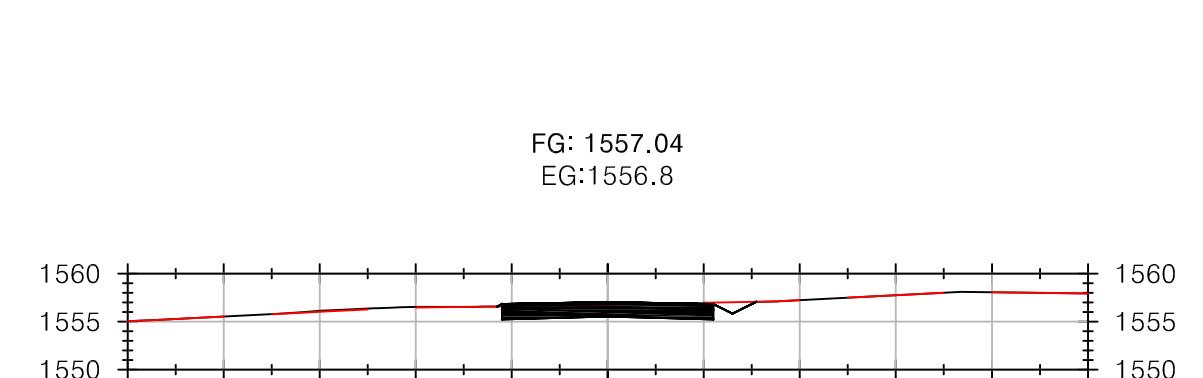
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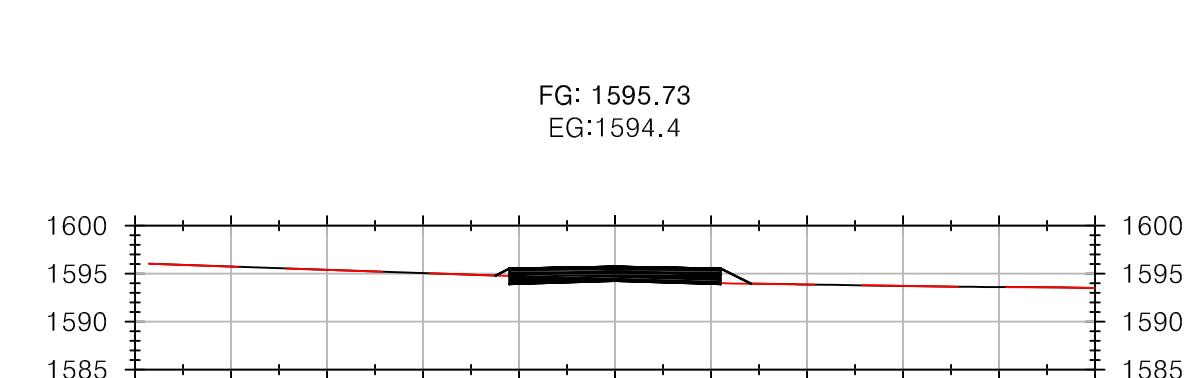
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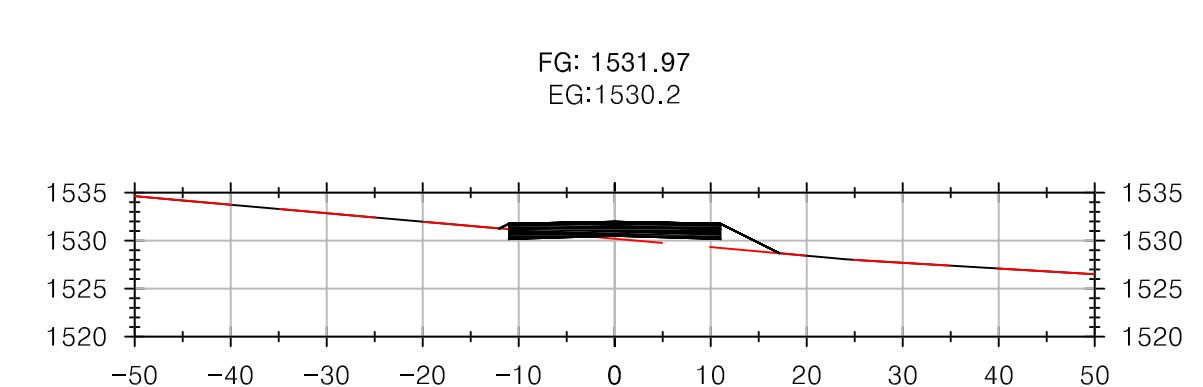
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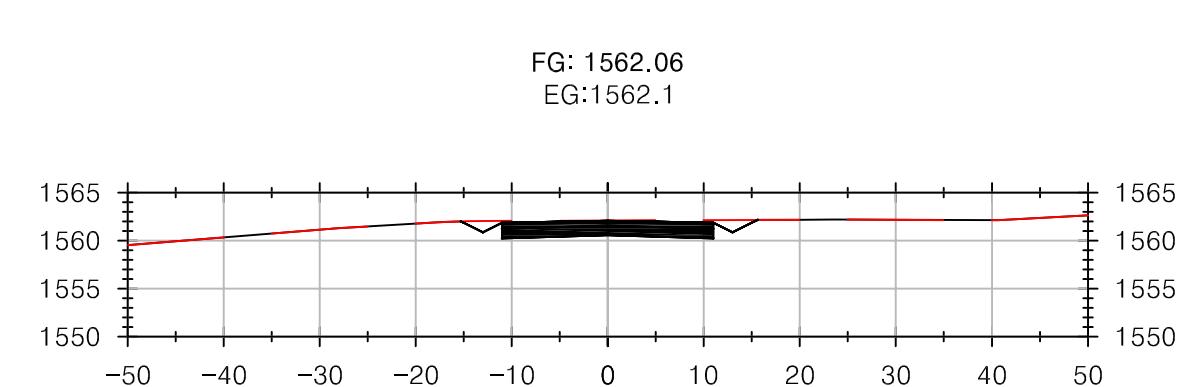
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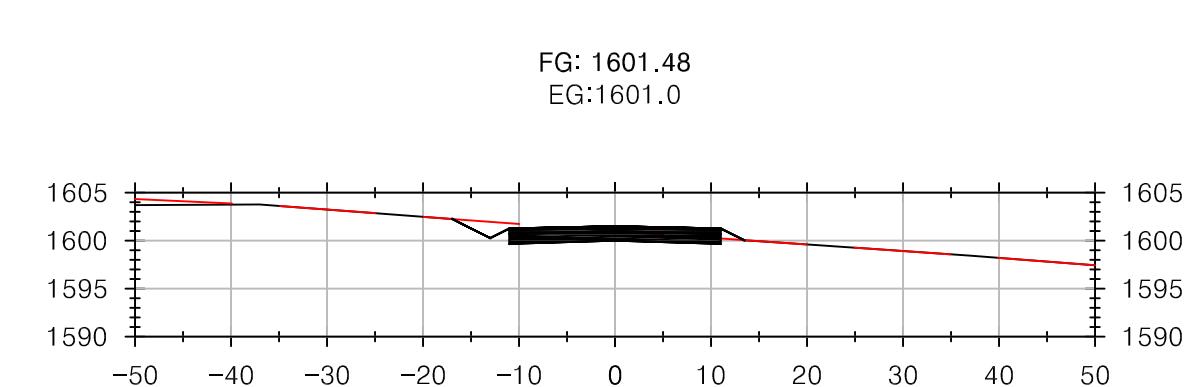
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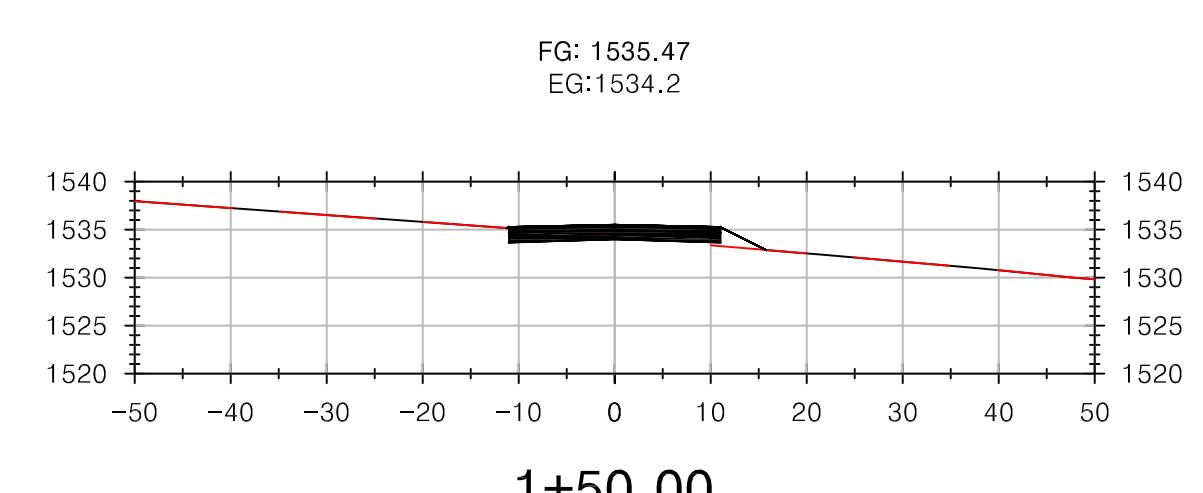
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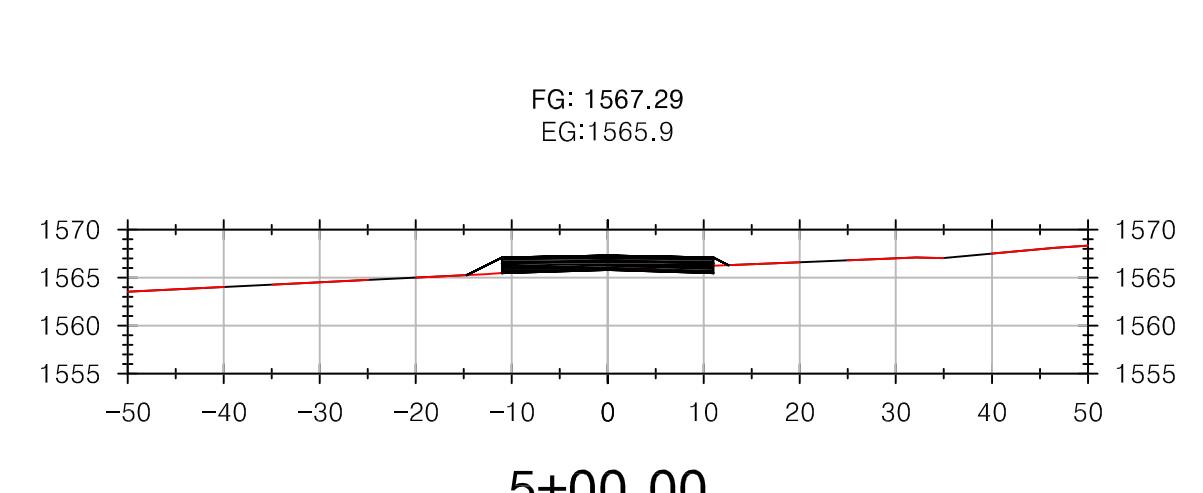
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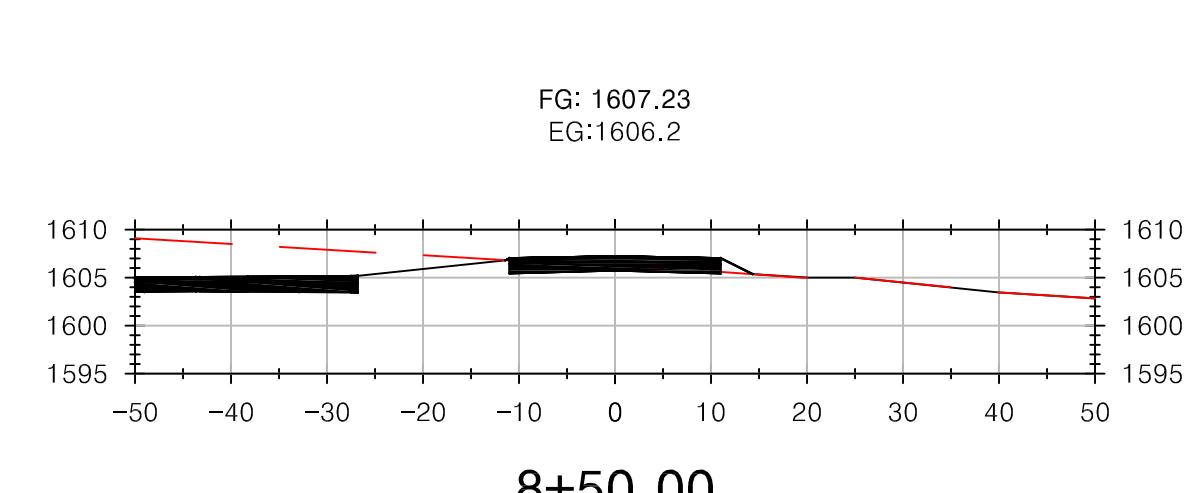
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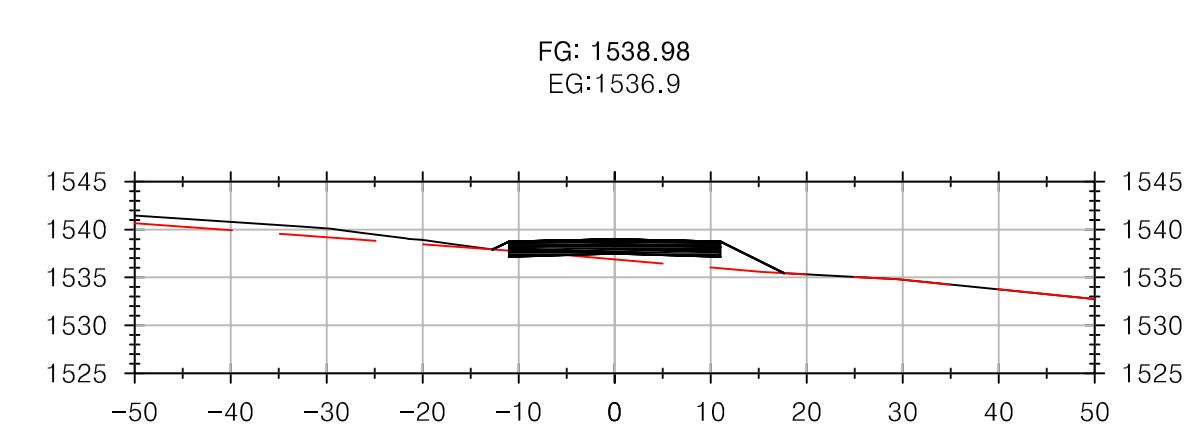
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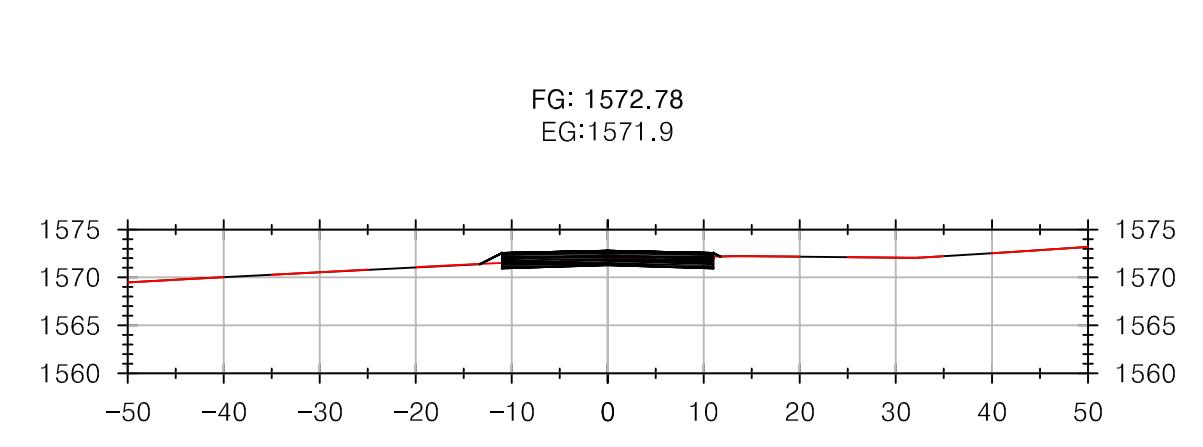
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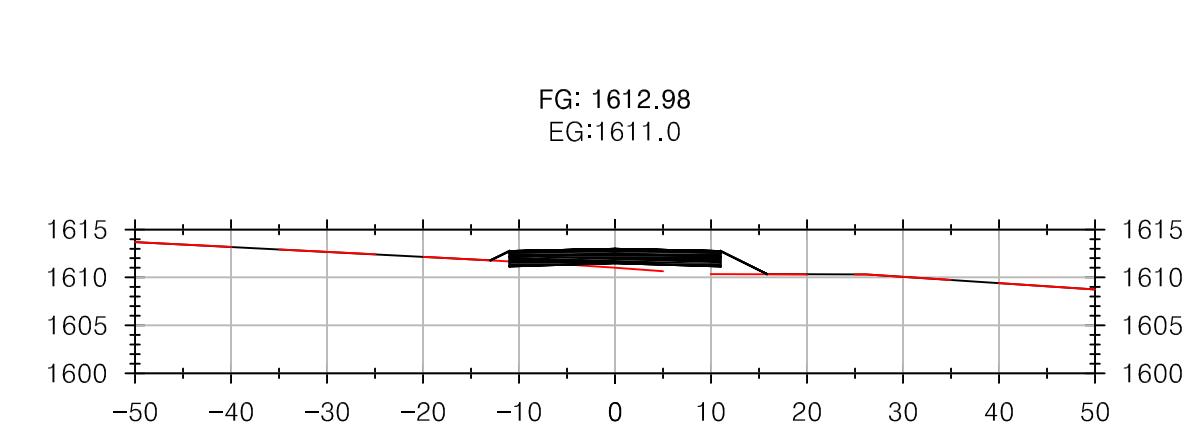
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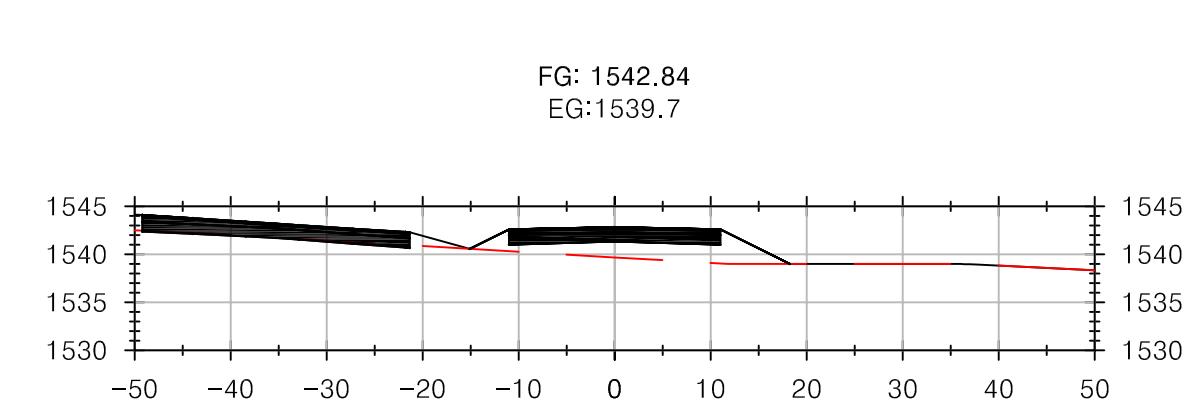
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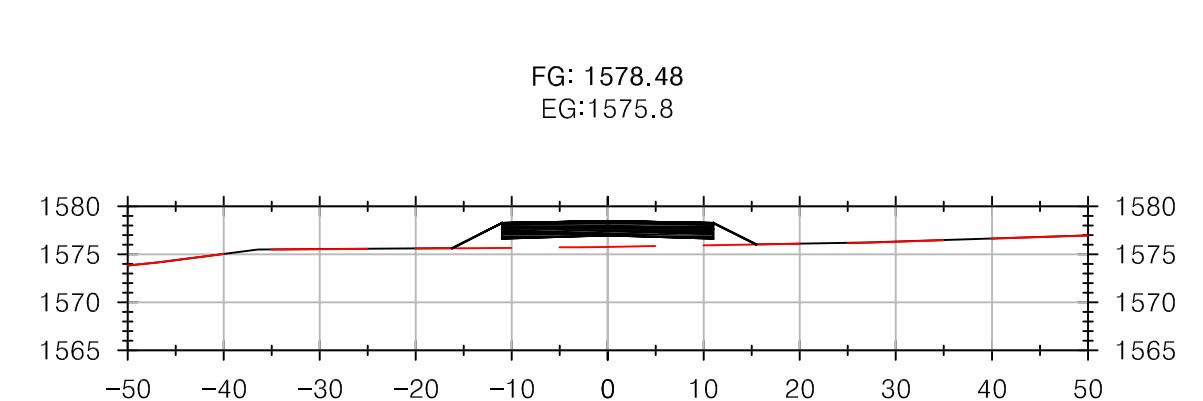
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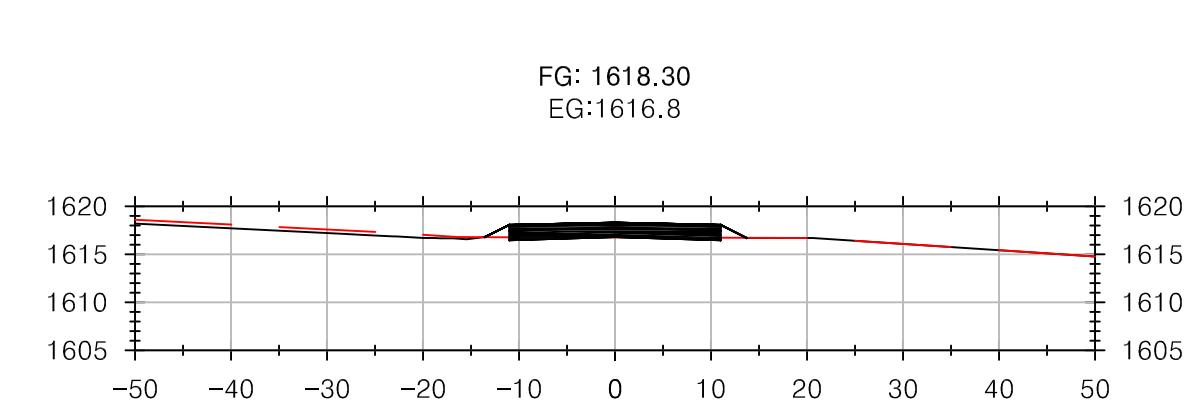
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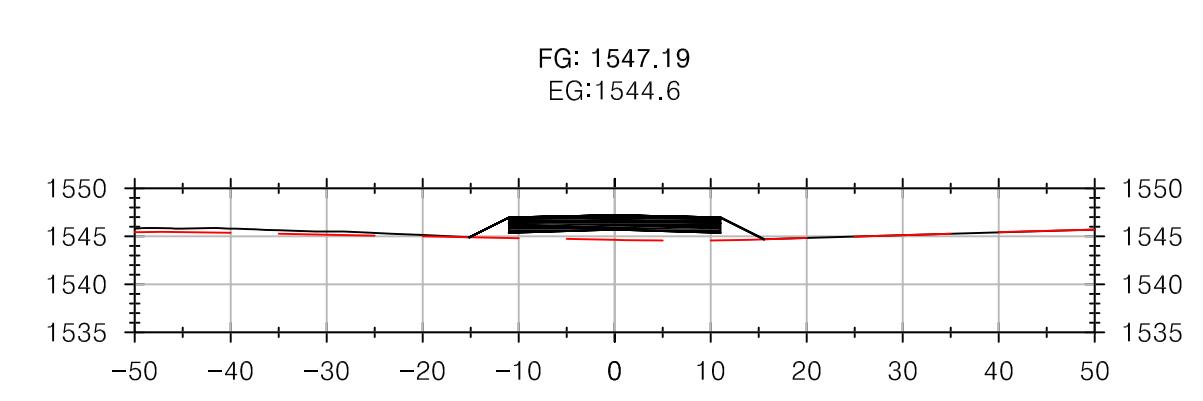
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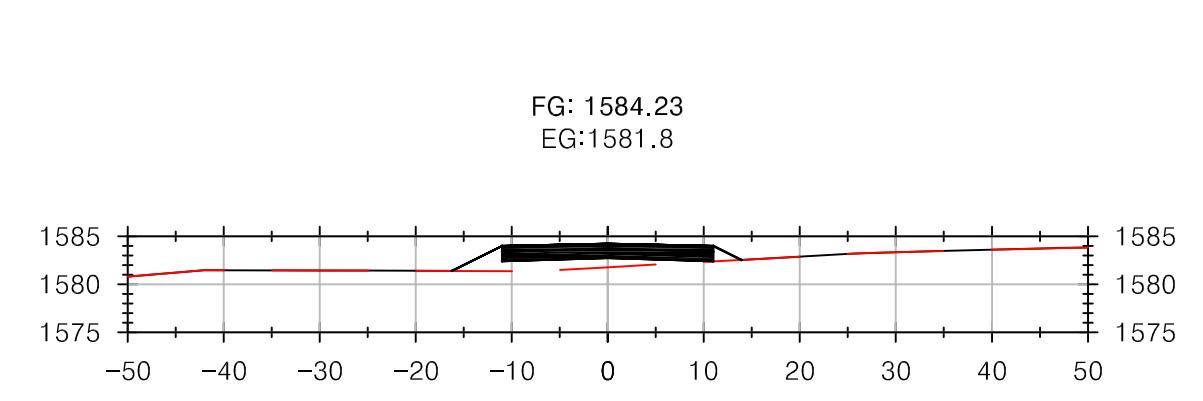
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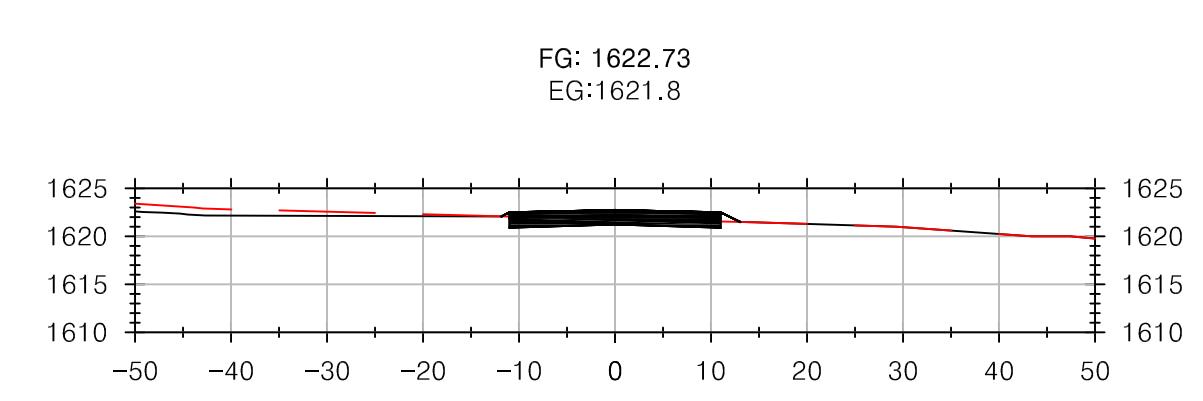
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3+00.00



6+50.00



10+00.00

A MAIN RD CROSS SECTIONS STA 0+00-10+00
1'=20'

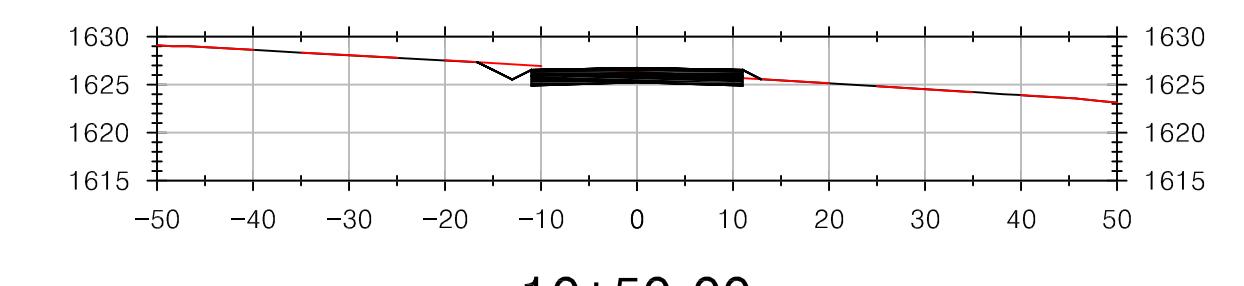


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AYLWARD SUBDIVISION

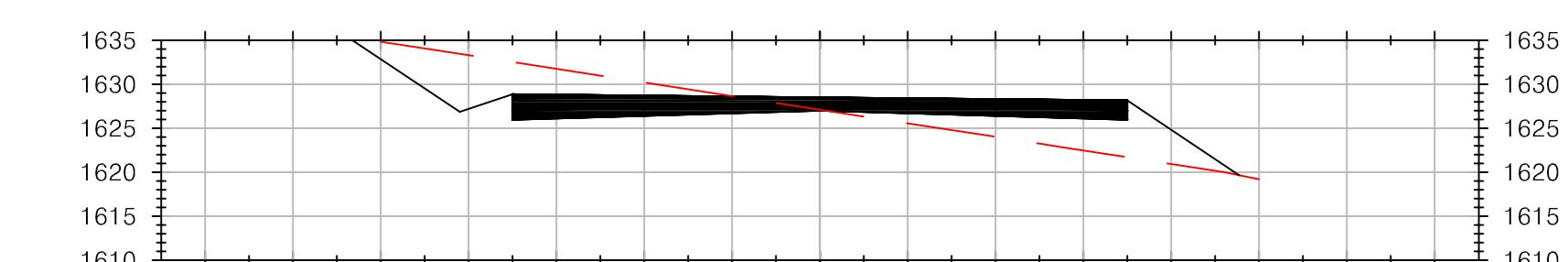
KEENE, NY

FG: 1626.73
EG: 1626.3



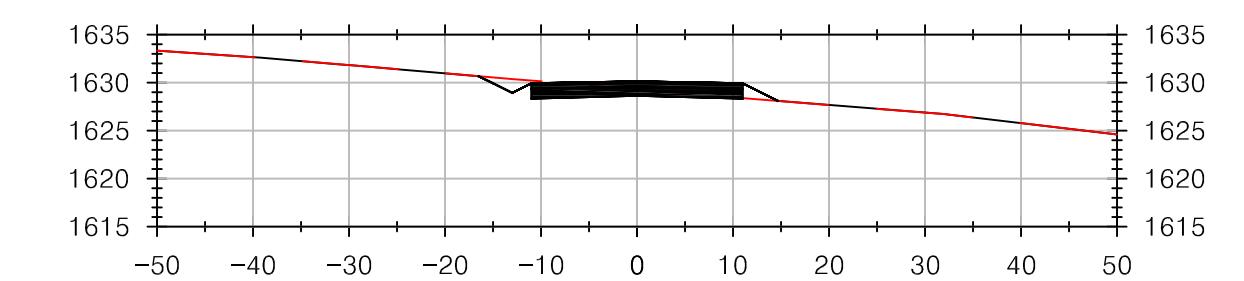
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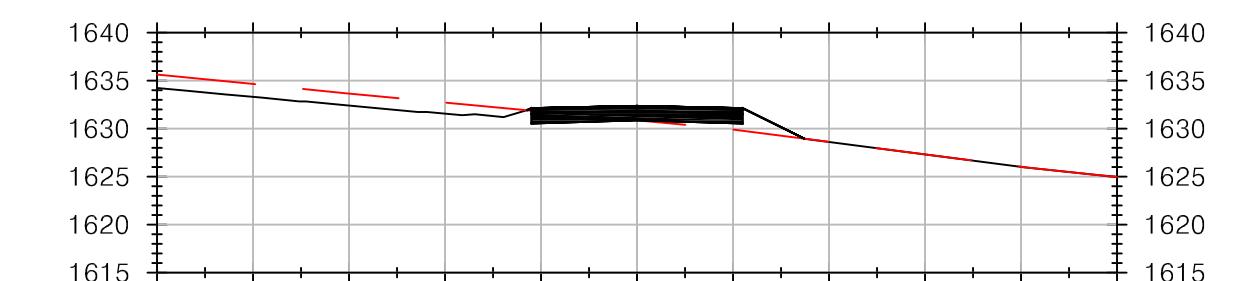
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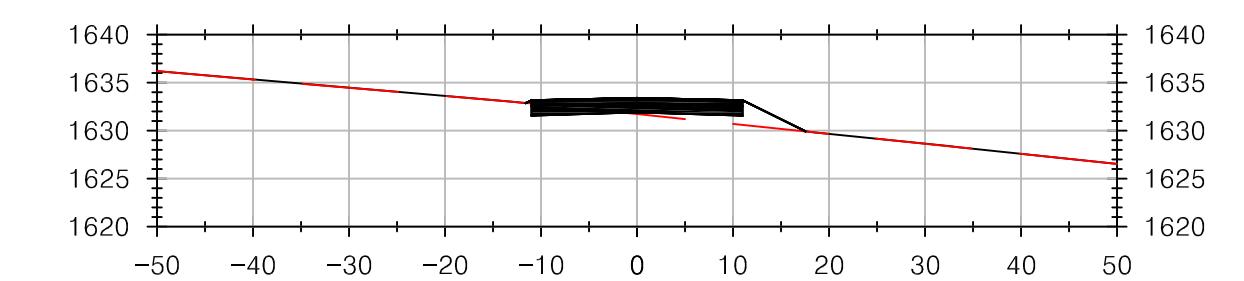
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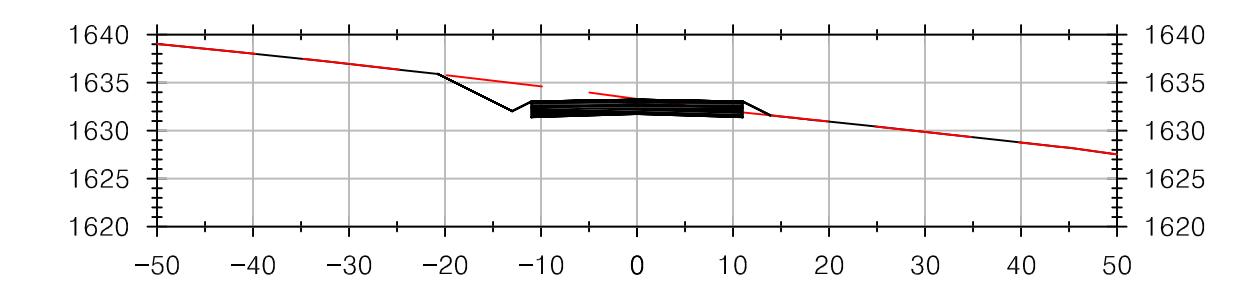
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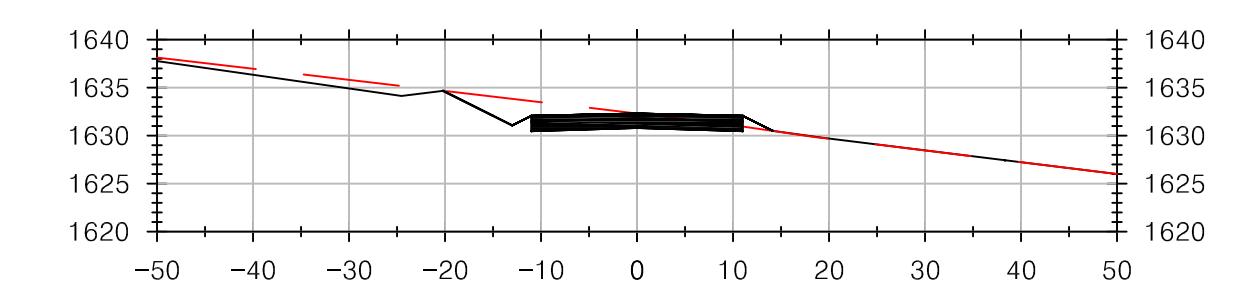
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EG: 1633.3



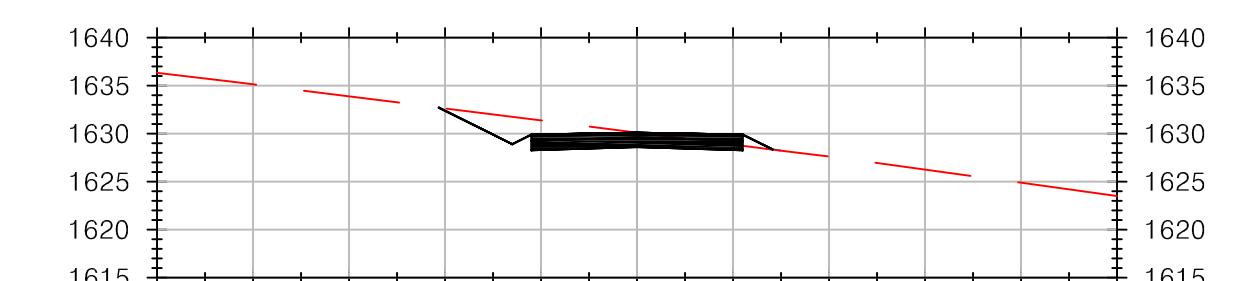
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13+00.00

FG: 1630.11
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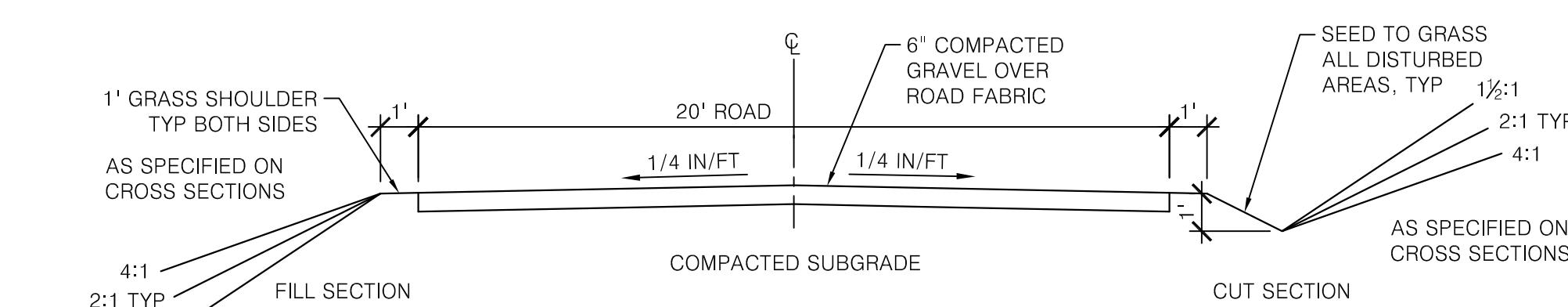


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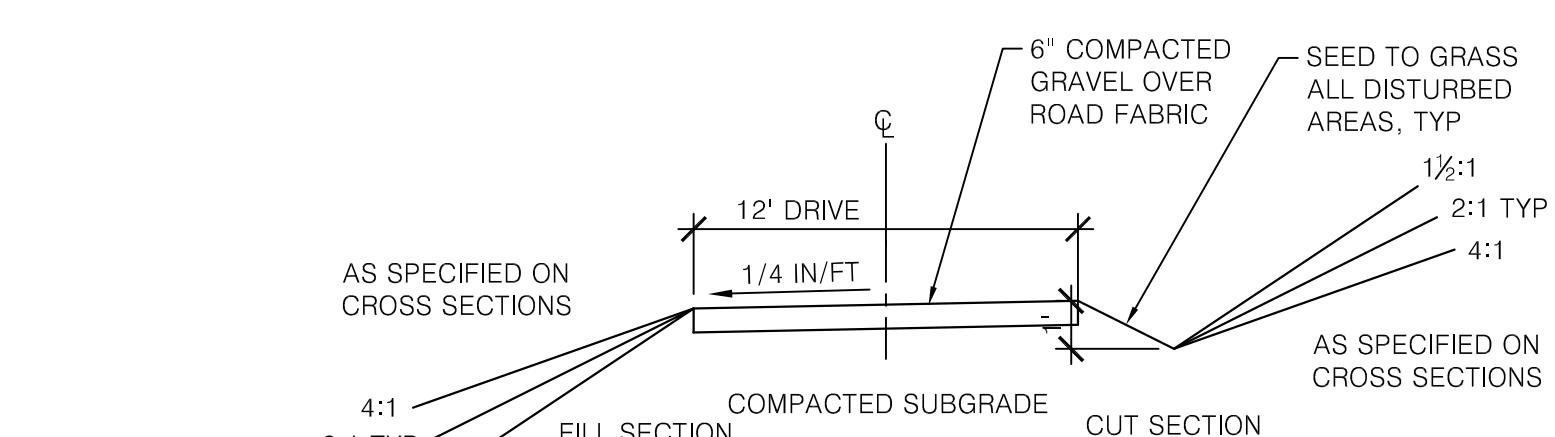


MAIN RD CROSS SECTIONS STA 10+50-14+00

1'=20'



1 C204 TYPICAL ROAD SECTION
SCALE: 1/4" = 1'



2 C204 TYPICAL DRIVE SECTION
SCALE: 1/4" = 1'

PROJECT NAME

LOCATION

KEENE, NY

DATE ISSUED FOR REV
7/25/25 PERMITTING

11/7/25 APA CHANGES A

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24"x36"
TITLE

ROAD SECTIONS
STA 9+00-12+40

SHEET

C204



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'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND
THE DATE OF ALTERATION, AND A SPECIFIC
DESCRIPTION OF THE ALTERATION.

PROJECT NAME

LOCATION
KEENE, NY

DATE	ISSUED FOR	REV
7/25/25	PERMITTING	

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24" x 36"
TITLE

EROSION &
SEDIMENT
CONTROL NOTES

SHEET

C300

CONSTRUCTION WASTE MANAGEMENT PLAN

STORAGE AND DISPOSAL OF CONSTRUCTION SITE WASTES:

- DESIGNATE A WASTE COLLECTION AREA ON SITE THAT DOES NOT RECEIVE A SUBSTANTIAL AMOUNT OF RUNOFF FROM UPLAND AREAS AND DOES NOT DRAIN DIRECTLY TO A WATERBODY.
- ENSURE THAT CONTAINERS HAVE LIDS SO THEY CAN BE COVERED BEFORE PERIODS OF RAIN, AND KEEP CONTAINERS IN A COVERED AREA WHENEVER POSSIBLE.
- SCHEDULE WASTE COLLECTION TO PREVENT CONTAINERS FROM OVERFILLING.
- CLEAN UP SPILLS IMMEDIATELY. FOLLOW PROCEDURES OUTLINED IN THE "CONSTRUCTION SPILL PREVENTION AND CONTROL PLAN". FOR HAZARDOUS MATERIALS, FOLLOW CLEANUP INSTRUCTIONS ON THE PACKAGE. USE AN ABSORBENT MATERIAL SUCH AS SAWDUST OR KITTY LITTER TO CONTAIN THE SPILL.
- COLLECT, REMOVE, AND DISPOSE OF ALL CONSTRUCTION SITE WASTES AT AUTHORIZED DISPOSAL AREAS.
- WASTEWATER FROM THE WASHOUT OF CONCRETE SHALL BE CONTAINED IN ACCORDANCE WITH STANDARD DETAIL.

DEWATERING:

- DISCHARGE FROM DEWATERING ACTIVITIES SHALL BE MANAGED BY APPROPRIATE CONTROL MEASURES.

DISPOSAL OF HAZARDOUS MATERIALS:

- CONSULT LOCAL WASTE MANAGEMENT AUTHORITIES ABOUT THE REQUIREMENTS FOR DISPOSING OF HAZARDOUS MATERIALS.
- TO PREVENT LEAKS, EMPTY AND CLEAN ANY HAZARDOUS WASTE CONTAINERS BEFORE THEY ARE DISPOSED OF.
- THE ORIGINAL PRODUCT LABEL SHOULD NEVER BE REMOVED FROM THE CONTAINER, AS IT CONTAINS IMPORTANT SAFETY INFORMATION. FOLLOW THE MANUFACTURER'S RECOMMENDED METHOD OF DISPOSAL, WHICH SHOULD BE PRINTED ON THE LABEL.
- IF EXCESS PRODUCTS NEED TO BE DISPOSED OF, THEY SHOULD NEVER BE MIXED DURING DISPOSAL UNLESS SPECIFICALLY RECOMMENDED BY THE MANUFACTURER.

USE OF PETROLEUM PRODUCTS:

- STORE PETROLEUM PRODUCTS AND FUEL FOR VEHICLES IN COVERED AREAS WITH DIKES IN PLACE TO CONTAIN ANY SPILLS.
- IMMEDIATELY CONTAIN AND CLEAN UP ANY SPILLS WITH ABSORBENT MATERIAL.
- HAVE EQUIPMENT AVAILABLE IN FUEL STORAGE AREAS AND IN VEHICLES TO CONTAIN AND CLEAN UP ANY SPILLS THAT OCCUR.

USE OF PESTICIDES:

- FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS THAT APPLY TO THE USE, HANDLING, OR DISPOSAL OF PESTICIDES.
- DO NOT HANDLE THE MATERIALS ANY MORE THAN NECESSARY.
- STORE PESTICIDES IN A DRY, COVERED AREA.
- CONSTRUCT CURBS OR DIKES TO CONTAIN PESTICIDES IN CASE OF SPILLAGE.
- FOLLOW THE RECOMMENDED APPLICATION RATES AND METHODS.
- HAVE EQUIPMENT AND ABSORBENT MATERIALS AVAILABLE IN AREAS WHERE PESTICIDES ARE STORED AND USED IN ORDER TO CONTAIN AND CLEAN UP ANY SPILLS THAT OCCUR.

USE OF FERTILIZERS:

- APPLY FERTILIZERS AT THE MINIMUM RATE AND TO THE MINIMUM AREA NEEDED.
- WORK THE FERTILIZER DEEPLY INTO THE SOIL TO REDUCE EXPOSURE OF NUTRIENTS TO STORMWATER RUNOFF.
- APPLY FERTILIZER AT LOWER APPLICATION RATES WITH A HIGHER APPLICATION FREQUENCY.
- ENSURE THAT EROSION AND SEDIMENT CONTROLS ARE IN PLACE TO PREVENT FERTILIZERS AND SEDIMENTS FROM BEING TRANSPORTED OFF-SITE.

USE OF DETERGENTS:

- THE USE OF DETERGENTS IS NOT ALLOWED ON THE CONSTRUCTION SITE.
- EQUIPMENT AND VEHICLE WASHING SHALL ONLY OCCUR WITH CLEANWATER. THE DISCHARGE SHALL NOT VIOLATE WATER QUALITY STANDARDS.

CONSTRUCTION SPILL PREVENTION AND CONTROL PLAN

MATERIAL HANDLING PROCEDURES AND STORAGE REQUIREMENTS:

- RECYCLE, RECLAIM, OR REUSE PROCESS MATERIALS, THEREBY REDUCING THE AMOUNT OF PROCESS MATERIALS THAT ARE BROUGHT ON SITE.
- INSTALL LEAK DETECTION DEVICES, OVERFLOW CONTROLS, AND DIVERSION BERMS WHEN APPROPRIATE.
- DISCONNECT ANY DRAINS FROM AREAS THAT LEAD TO THE DRAINAGE OR STORMWATER SYSTEM.
- PERFORM PREVENTATIVE MAINTENANCE ON TANKS, VALVES, PUMPS, PIPES AND OTHER EQUIPMENT. EQUIPMENT THAT HAS LEAKS SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- USE PROPER MATERIAL TRANSFER PROCEDURES OR FILLING PROCEDURES FOR TANKS AND OTHER EQUIPMENT.
- SUBSTITUTE LESS OR NON-TOXIC MATERIALS FOR TOXIC MATERIALS.

SPILL RESPONSE:

- PREPARE THE DISCHARGE OF POLLUTANTS FROM SPILLS AND LEAKS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES.
- IN THE EVENT OF A SPILL, FOLLOW CONTAINMENT PROCEDURES OUTLINED IN THE "CONSTRUCTION WASTE MANAGEMENT PLAN."
- FOR HAZARDOUS MATERIALS, FOLLOW CLEANUP INSTRUCTIONS ON PACKAGE. USE AN ABSORBENT MATERIAL SUCH AS SAWDUST OR KITTY LITTER TO CONTAIN THE SPILL.
- IN THE EVENT OF A SPILL, NOTIFY PROJECT SUPERINTENDENT, ENGINEER, AND LOCAL HIGHWAY DEPARTMENT STAFF. IN THE EVENT OF A HAZARDOUS MATERIAL SPILL ALSO NOTIFY THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, THE NYS POLICE, AND THE LOCAL FIRE DEPARTMENT.

MULCH STABILIZATION NOTES

- MULCH STABILIZATION SHALL BE COMPLETED WITHIN 14 DAYS OF FIRST DISTURBANCE AND IMMEDIATELY AFTER COMPLETION OF ROUGH GRADING ACTIVITIES.
- APPLY MULCHING MATERIAL. MULCH SHALL BE OAT OR WHEAT STRAW, FREE FROM WEEDS OR FOREIGN MATTER DEDIMENTAL TO PLANT LIFE, AND DRY.
- IN MID-SUMMER, LATE FALL, OR WINTER: APPLY 100 LB PER 1000 SF, PLUS TACKIFIER. IN SPRING OR EARLY FALL: APPLY 45 LB PER 1000 SF, PLUS TACKIFIER.
- INSTALL JUTE MATTING WITH OPEN WEAVE FOR SLOPES GREATER THAN 1:6, BUT LESS THAN 1:4. FOR SLOPES GREATER THAN 1:4 INSTALL CURLEX I CL BY AEC OR APPROVED EQUAL, UNO.

FINAL SEEDING NOTES

- PREPARE SUBSOIL TO ELIMINATE UNEVEN AREAS AND LOW SPOTS. MAINTAIN LINES, LEVELS, PROFILES AND CONTOURS. MAKE CHANGES IN GRADE GRADUAL. BLEND SLOPES INTO LEVEL AREAS.
- REMOVE FOREIGN MATERIALS, WEEDS, AND UNDESIRABLE PLANTS AND THEIR ROOTS.
- SPREAD TOPSOIL TO A MINIMUM DEPTH OF 4" OVER AREA TO BE SEADED.
- Typical seed mixes for lawn areas is 15-40% KENTUCKY BLUEGRASS, 30-50% FINE FESCUE, 15-40% PERENNIAL RYEGRASS, 5-15% ANNUAL RYEGRASS AND 0-5% WHITE CLOVER. Seed mixes for general restoration is 50-70% FINE FESCUE, 15-40% PERENNIAL RYEGRASS, 5-15% ANNUAL RYEGRASS AND 5-10% WHITE CLOVER. APPLY AT A RATE OF 350 LB/AC. PLACE SEED EVENLY IN TWO INTERSECTING DIRECTIONS AND RAKE LIGHTLY. ALTERNATE SEED MIXES MAY BE APPROPRIATE FOR SPECIFIC LOCATIONS AND SEASONS. CONFIRM WITH ENGINEER PRIOR TO SEEDING.
- AFTER 1 OCTOBER INCLUDE AN ADDITIONAL 125#/AC OF WINTER RYE TO ABOVE SEED MIXES.
- APPLY MULCHING MATERIAL TO SEED AREA. MULCH SHALL BE OAT OR WHEAT STRAW, FREE FROM WEEDS OR FOREIGN MATTER DEDIMENTAL TO PLANT LIFE, AND DRY. REFER TO MULCH STABILIZATION NOTES FOR APPLICATION REQUIREMENTS.
- FOR SLOPES GREATER THAN 1:6 INSTALL THE FOLLOWING ANCHORED STABILIZATION MAT:
 - 7.1 - 1:6 TO 1:3 AEC PREMIER STRAW MAT BY AEC
 - 7.2 - 1:3 TO 1:2 CURLEX I BY AEC
 - 7.3 - 1:2 TO 1:1.5 CURLEX II BY AEC
 - 7.4 - 1:1.5 TO 1:1 CURLEX III BY AEC
- REAPPLY SEED UNTIL GRASS IS COMPLETELY ESTABLISHED.
- WHEN HYDROSEEDING SLOPES OVER 3:1, USE HYDROSEEDER TO APPLY SEED, FERTILIZER, WOOD FIBER MULCH (45 LB PER 1000 SF), AND MULCH TACKIFIER.
- FINAL SEEDING OPERATIONS TO COMMENCE WITHIN SEVEN DAYS OF FINAL CONSTRUCTION IN EACH AREA, AND BE COMPLETE WITHIN 14 DAYS.

STABILIZATION MAINTENANCE NOTES

- FERTILIZE IN EARLY WINTER WITH NITROGEN AT 40 LB/AC.
- FERTILIZE IN EARLY SPRING WITH 10-10-10 AT 150 LB/AC.
- KEEP MOVED HEIGHT TO 3" - 4".

WINTER EROSION AND SEDIMENT CONTROL NOTES

- ENLARGE AND STABILIZE ACCESS POINTS.
- 25 FOOT BUFFER FROM PERIMETER CONTROLS.
- 2 ROWS OF SILT FENCE WHERE DISTURBED AREA IS WITHIN 100 FEET OF WATERBODIES.
- KEEP DRAINAGE STRUCTURES OPEN AND FREE FROM SNOW.
- SEDIMENT BARRIERS AROUND STOCKPILES AND SENSITIVE AREAS.
- PROTECT ALL STOCKPILES AND SLOPES GREATER THAN 3:1 WITH ROLLED EROSION CONTROL BLANKETS.
- MULCH ALL OTHER EXPOSED SOIL AT 4 TONS/ACRE (STRAW)
- DO NOT LEAVE AREAS UNPROTECTED MORE THAN 3 DAYS.
- A SEDIMENT BARRIER MUST BE INSTALLED AT LEAST 15 FEET AWAY FROM STOCKPILES AND SLOPES TO PREVENT SOIL TRANSPORT.

WINTER STABILIZATION NOTES

- WINTER STABILIZATION SHALL BE REQUIRED FOR ALL CONSTRUCTION ACTIVITIES INVOLVED WITH ONGOING LAND DISTURBANCE AND EXPOSURE BETWEEN NOVEMBER 15TH TO THE FOLLOWING APRIL 1ST.
- CONTRACTOR SHALL PREPARE A SNOW MANAGEMENT PLAN WITH ADEQUATE STORAGE FOR SNOW AND CONTROL OF MELT WATER, REQUIRING CLEARED SNOW TO BE STORED IN A MANNER NOT AFFECTING ONGOING CONSTRUCTION ACTIVITIES.
- ENLARGE AND STABILIZE ACCESS POINTS TO PROVIDE FOR SNOW MANAGEMENT AND STOCKPILING. SNOW MANAGEMENT ACTIVITIES MUST NOT DESTROY OR DEGRADE INSTALLED EROSION AND SEDIMENT CONTROL PRACTICES.
- A MINIMUM 25 FOOT BUFFER SHALL BE MAINTAINED FROM ALL PERIMETER CONTROLS SUCH AS SILT FENCE, MARK SILT FENCE WITH TALL STAKES THAT ARE VISIBLE ABOVE THE SNOW PACK.
- EDGES OF DISTURBED AREAS THAT DRAIN TO A WATERBODY WITHIN 100 FEET SHALL HAVE 2 ROWS OF SILT FENCE, 5 FEET APART, INSTALLED ON THE CONTOUR.
- DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS. ALL DEBRIS, ICE DAMS, OR DEBRIS FROM PLOWING OPERATIONS, THAT RESTRICT THE FLOW OF RUNOFF AND MELTWATER, SHALL BE REMOVED.
- SEDIMENT BARRIERS MUST BE INSTALLED AT ALL APPROPRIATE PERIMETER AND SENSITIVE LOCATIONS. SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE MUST BE INSTALLED BEFORE THE GROUND FREEZES.
- SOIL STOCKPILES MUST BE PROTECTED BY THE USE OF ESTABLISHED VEGETATION, ANDUREN STRAW MULCH, ROLLED STABILIZATION MATTING OR OTHER DURABLE COVERING. A BARRIER MUST BE INSTALLED AT LEAST 15 FEET FROM THE TOE OF THE STOCKPILE TO PREVENT SOIL MIGRATION AND TO CAPTURE LOOSE SOIL.
- IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES SHALL BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN THREE (3) DAYS. ROLLED EROSION CONTROL BLANKETS MUST BE USED ON ALL SLOPES 3 HORIZONTAL TO 1 VERTICAL OR STEEPER.
- IF STRAW MULCH ALONE IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT DOUBLE THE STANDARD RATE OF 2 TONS PER ACRE, MAKING THE APPLICATION RATE 4 TONS PER ACRE. OTHER MANUFACTURED MULCHES SHALL BE APPLIED AT DOUBLE THE MANUFACTURER'S RECOMMENDED RATE.
- TO ENSURE ADEQUATE STABILIZATION OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL SHALL BE STABILIZED AT THE END OF EACH WORK DAY UNLESS:
 - A. WORK WILL RESUME WITHIN 24 HOURS IN THE SAME AREA AND NO PRECIPITATION IS FORECAST OR;
 - B. THE WORK IS IN DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS OPEN UTILITY TRENCHES, FOUNDATION EXCAVATIONS, OR WATER MANAGEMENT AREAS.
- USE STONE PATHS TO STABILIZE ACCESS PERIMETERS OF BUILDINGS UNDER CONSTRUCTION AND AREAS WHERE CONSTRUCTION VEHICLE TRAFFIC IS ANTICIPATED. STONE PATHS SHALL BE A MINIMUM 10 FEET IN WIDTH BUT WIDER AS NECESSARY TO ACCOMMODATE EQUIPMENT.

TEMPORARY WINTER SHUTDOWN NOTES

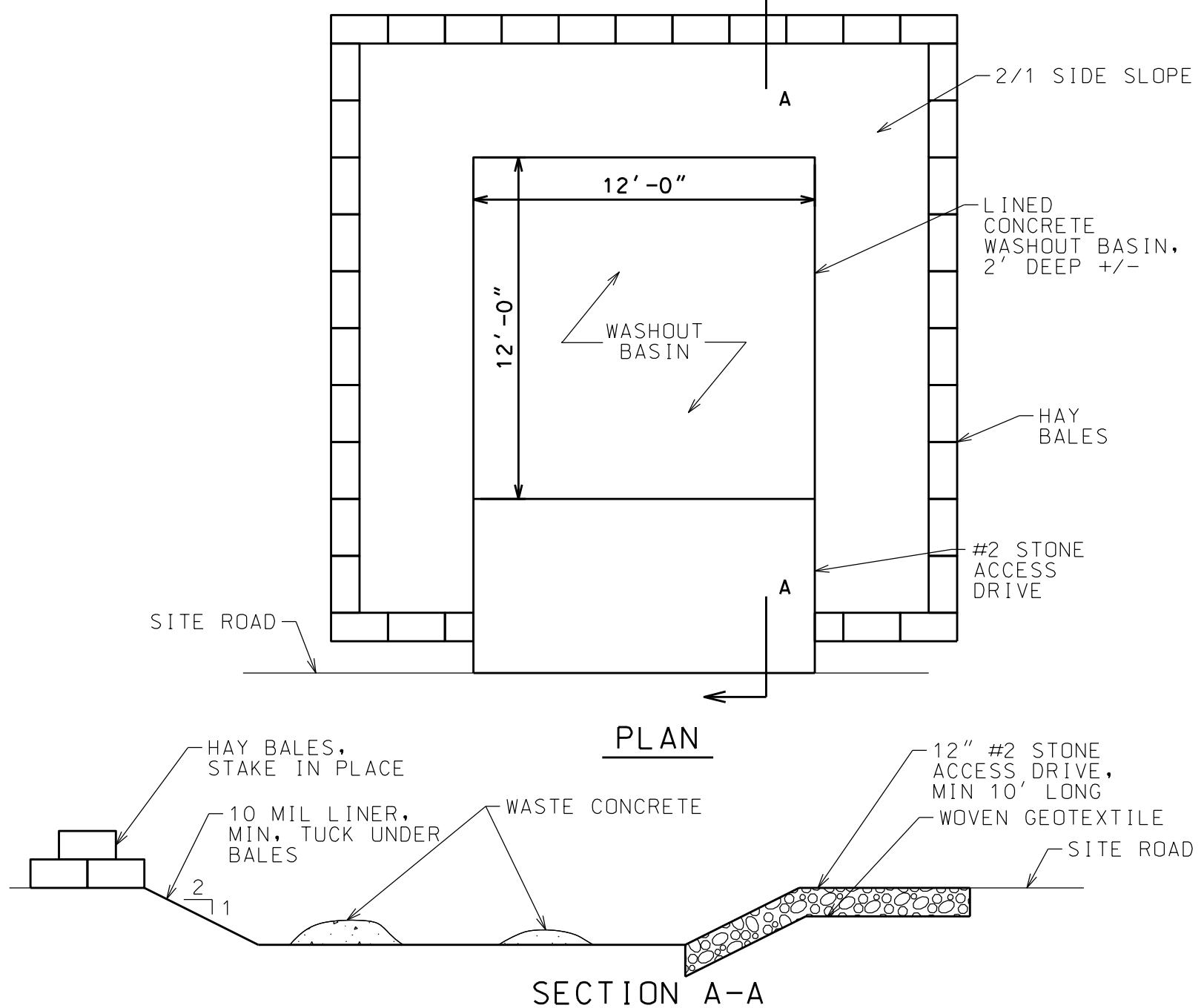
- TEMPORARY WINTER SHUTDOWN IS REQUIRED FOR SITES NOT ACHIEVING FINAL STABILIZATION PRIOR TO THE WINTER SEASON (NOVEMBER 15TH) BUT WILL NOT HAVE EARTH DISTURBING ACTIVITIES ONGOING DURING THE "WINTER SEASON".
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ESC DURING WINTER SHUTDOWN. THE SITE SHALL BE INSPECTED FREQUENTLY TO ENSURE THAT THE EROSION AND SEDIMENT CONTROL PLAN IS PERFORMING ITS WINTER STABILIZATION FUNCTION.
- ALL BARE EXPOSED SOIL MUST BE STABILIZED BY ESTABLISHED VEGETATION, STRAW OR OTHER ACCEPTABLE MULCH, MATTING, ROCK, OR OTHER APPROVED MATERIAL SUCH AS ROLLED EROSION CONTROL PRODUCTS.
- SEEDING OF AREAS WITH MULCH COVER IS PREFERRED BUT SEEDING ALONE IS NOT ACCEPTABLE FOR PROPER STABILIZATION.
- COMPLIANCE INSPECTIONS MUST BE PERFORMED AND REPORTS FILED PROPERLY IN ACCORDANCE WITH THE SWPPP FOR ALL SITES UNDER A WINTER SHUTDOWN.

SHEET

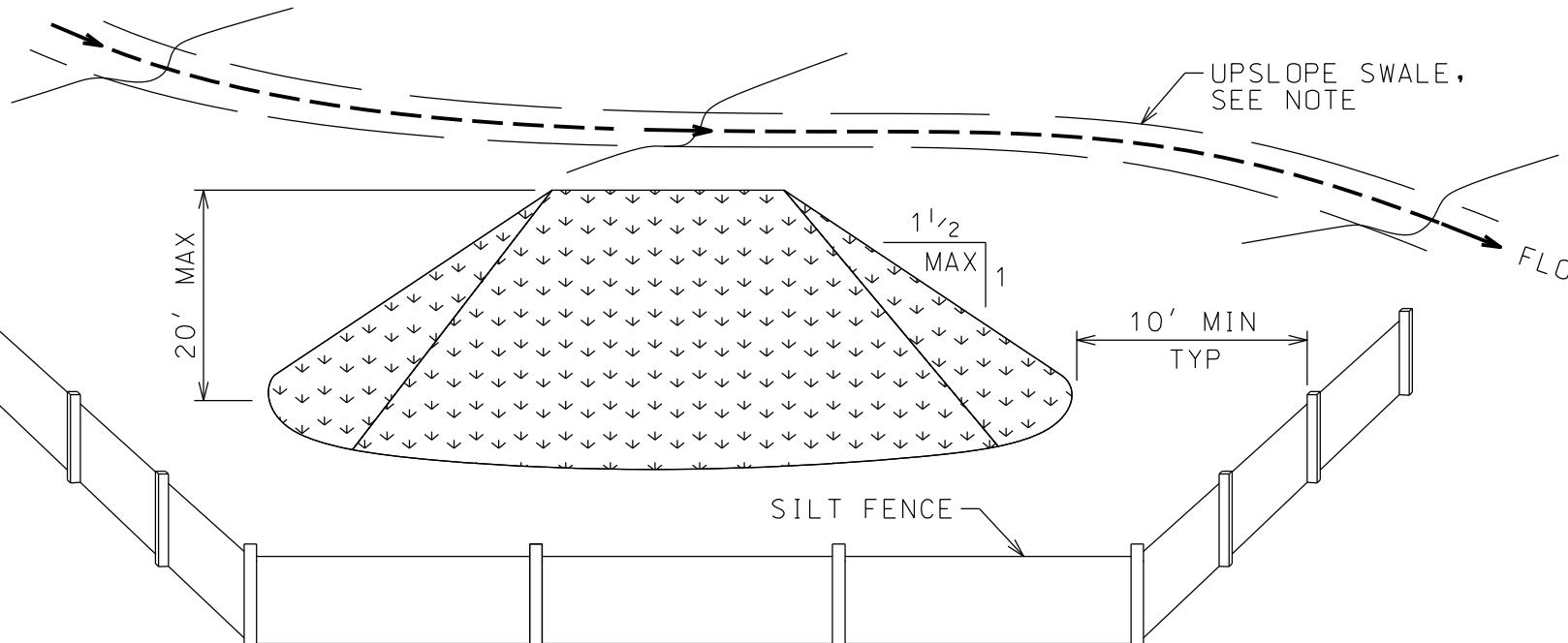
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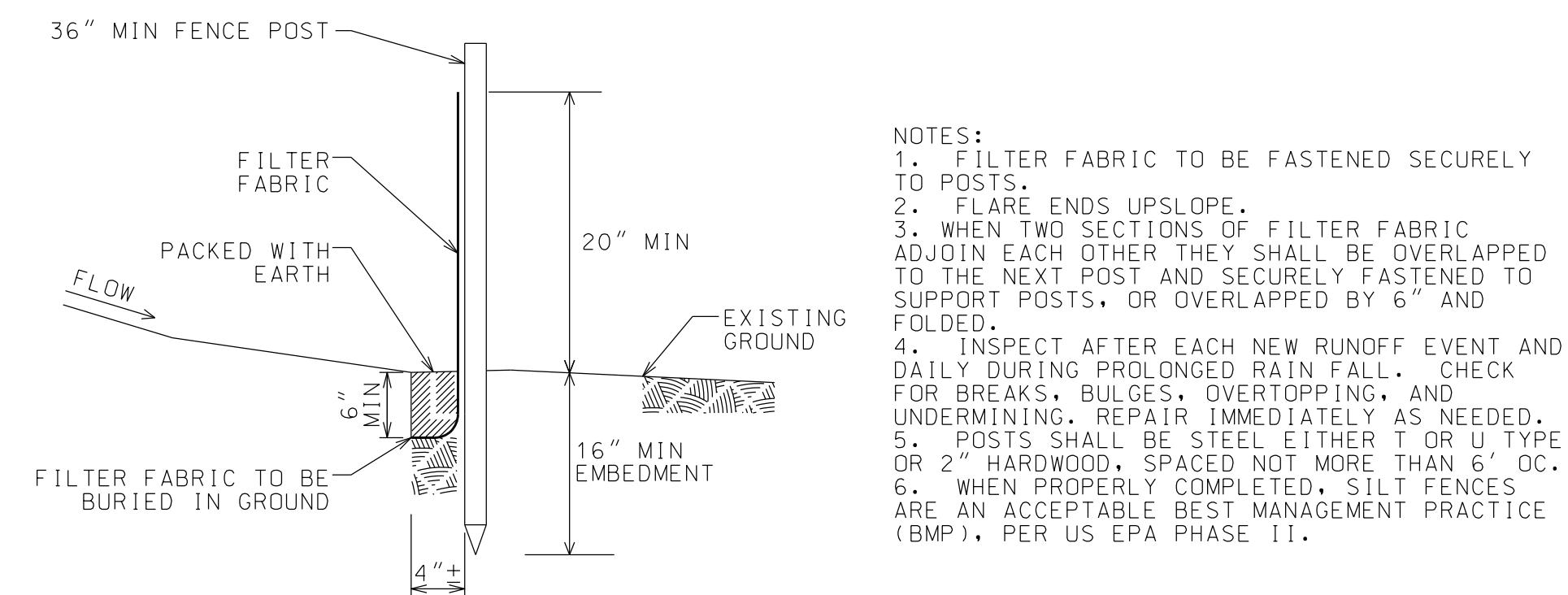
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IF THE DOCUMENT IS ALTERED, THE NOTE
'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND
THE DATE OF ALTERATION, AND A SPECIFIC
DESCRIPTION OF THE ALTERATION.



NOTES:
1) LOCATE MIN 100' FROM WETLANDS, STREAMS, STORM DRAINS, SWALES, ETC.
2) GRADE SURROUNDING AREA TO PREVENT SURFACE WATER FROM ENTERING.
3) DAMAGED OR LEAKING FACILITY SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY.
4) EXCESS RAINWATER OVER HARDENED CONCRETE SHALL BE PUMPED TO STABILIZED AREA.
5) ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN BASIN 75% FULL.
6) DISPOSE OF HARDENED MATERIAL ON SITE AS C&D AND FILL.
7) REPLACE PLASTIC LINER WITH EACH CLEANING OF BASIN.
8) UPON COMPLETION OF CONCRETE ACTIVITIES, REMOVE BASIN AND RESTORE AREA.
9) BASIN SHALL BE LOCATED IN STAGING AND STOCKPILE AREAS, OR AS DIRECTED BY OWNER.



NOTES:
1. AREA CHOSEN FOR STOCK PILING OPERATIONS SHALL BE DRY AND STABLE.
2. STOCKPILE SLOPES SHALL NOT EXCEED 1:1 1/2.
3. MAXIMUM STOCKPILE HEIGHT SHALL NOT EXCEED 20 FEET.
4. STOCKPILES SHALL BE STABILIZED. STOCKPILE SURFACES CAN BE STABILIZED BY
VEGETATION, GEOTEXTILE, OR PLASTIC COVERS.
5. SILT FENCE SHALL BE INSTALLED DOWNSHILL OF EACH STOCKPILE, WITH RETURNS TO PREVENT
SEDIMENT LOSS.
6. A PERIMETER SWALE SHALL BE LOCATED UPSLOPE OF THE STOCKPILE IF DEEMED NECESSARY
BY THE QUALIFIED INSPECTOR.
7. EARTH STOCKPILES WHICH WILL REMAIN LONGER THAN 2 WEEKS SHALL HAVE THIS DETAIL
APPLIED.



SILT FENCE DETAIL

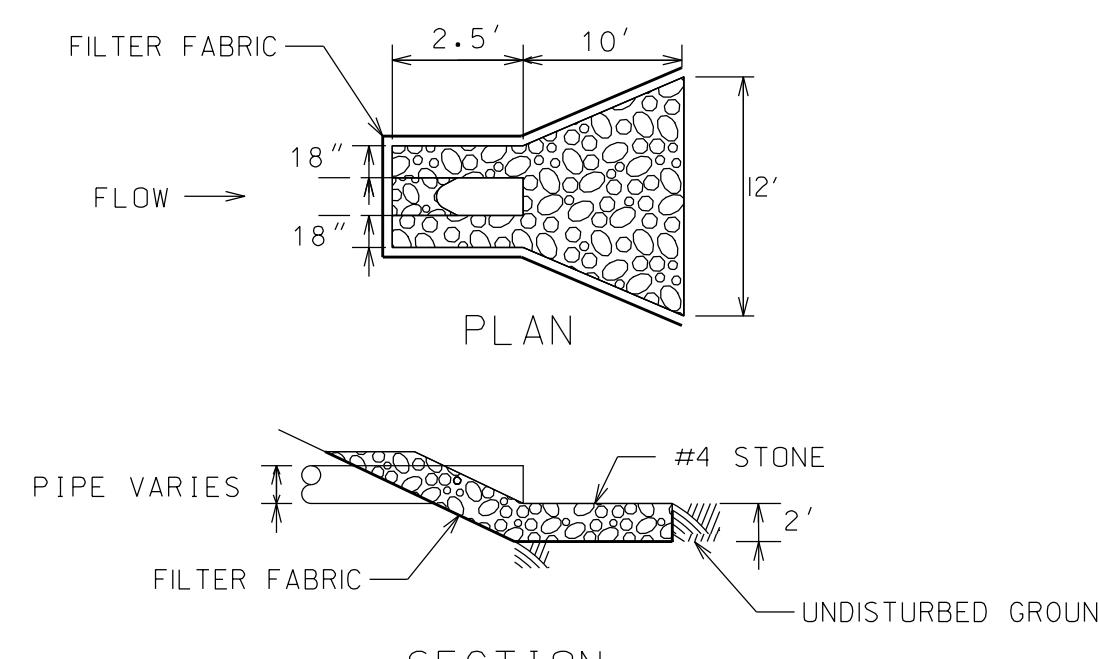
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AYLWARD SUBDIVISION TOWN OF KEENE, NY

PROJECT NAME	
LOCATION	KEENE, NY
DATE ISSUED FOR REV	9/19/25 PERMITTING A
	11/7/25 APA CHANGES A
DRAWN BY: RRG	
CHECKED BY: JAG	
PROJECT #: 23-057	
ORIGINAL 24" x 36"	
TITLE	EROSION & SEDIMENT CONTROL DETAILS
SHEET	
C301	

CONCRETE WASHOUT BASIN

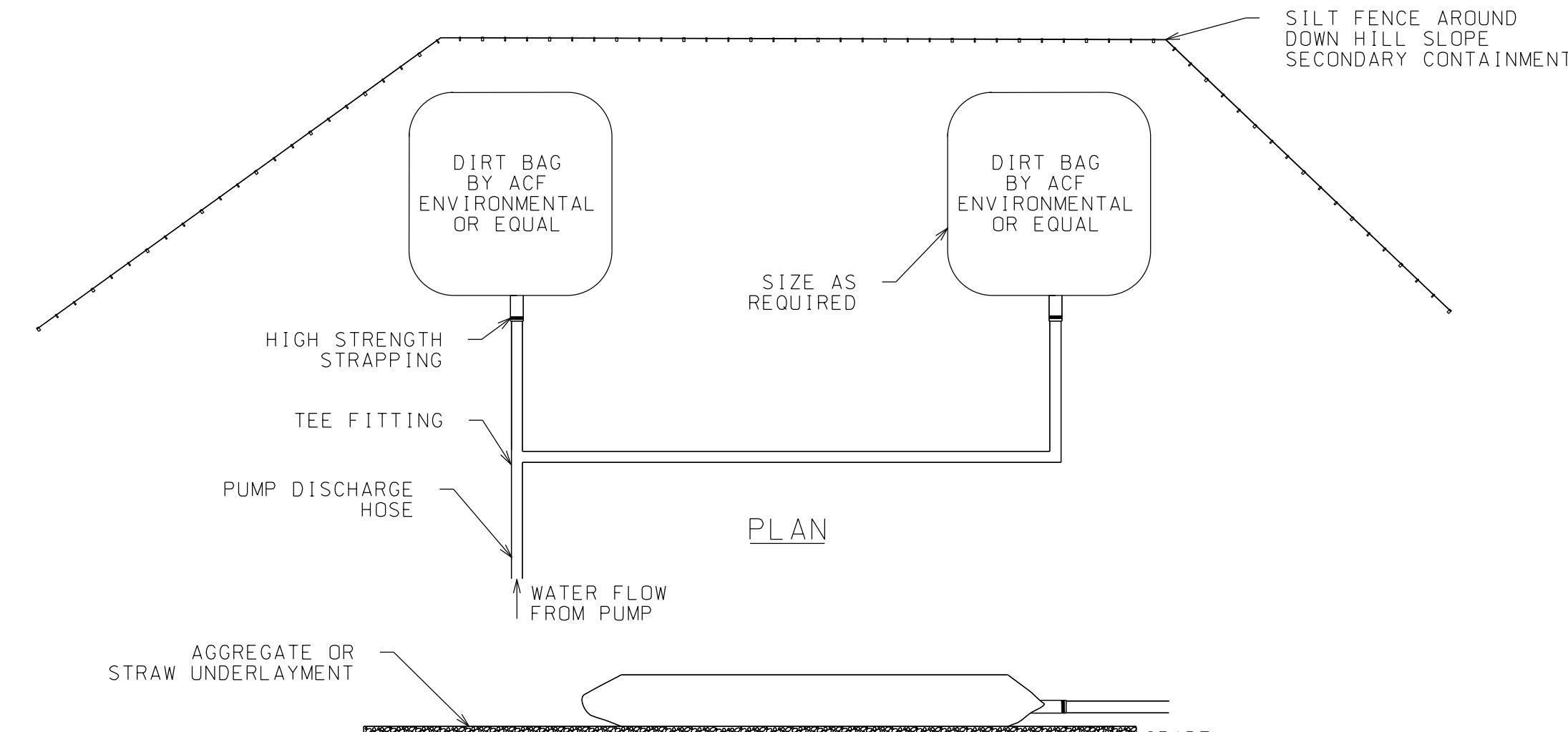
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NOTES:
1. INSTALL FILTER FABRIC UNDER ALL STONE FILL.
2. MIN 6" BEYOND ALL SIDES OF STONE.
3. ROTATE STONE FILL AS REQ'D TO ACHIEVE FLOW
INTO STRUCTURE.
3. DETAIL ASSUMES MAX 18" DIAM PIPE, DISCHARGE TO
UNCONFINED AREA, AND DISCHARGE NOT TO EXCEED 10 CFS.

OUTFALL STRUCTURE

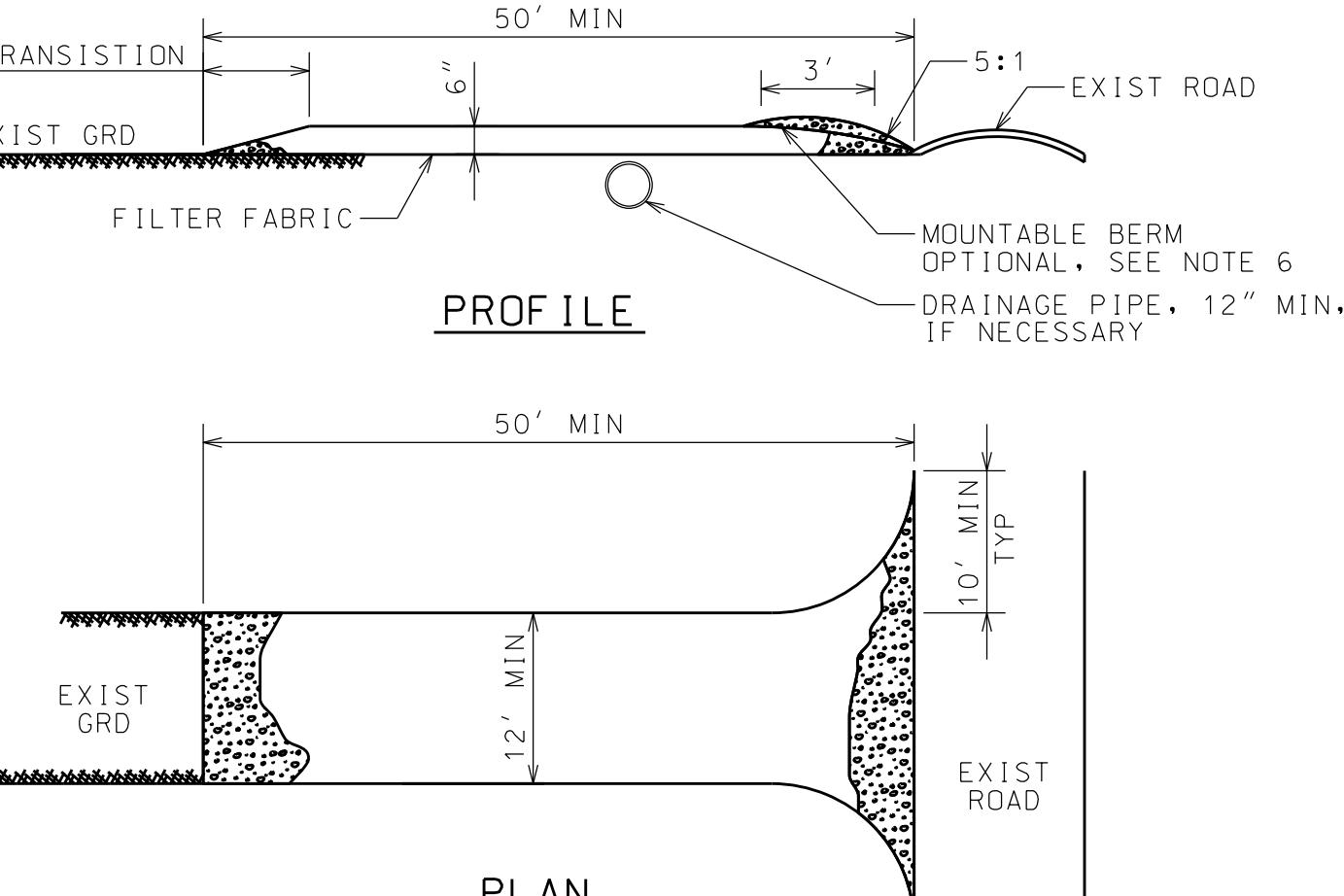
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NOTES:
1. PREPARATION - THE CONTRACTOR SHALL GRADE TO PREPARE AND SMOOTH ORIGINAL GRADE
FOR PLACEMENT OF STONE UP TO THE EDGE OF PAVEMENT.
2. STONE SIZE - USE 1" - 4" STONE, NYSDOT #3 STONE.
3. LENGTH - NOT LESS THAN 50 FEET (EXCEPT 30 FEET MINIMUM ON A SINGLE RESIDENCE LOT).
4. THICKNESS - NOT LESS THAN SIX INCHES.
5. WIDTH - TWELVE FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE
INGRESS OR EGRESS OCCURS, TWENTY-FOUR FOOT IF SINGLE ENTRANCE TO SITE, WHERE APPLICABLE.
6. GEOTEXTILE - TO BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
7. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION
ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. PROPOSED DRAINAGE PIPES SHALL BE
SIZED WITH SUFFICIENT CAPACITY TO CARRY DITCH FLOWS (12" MIN). IF PIPING IS
IMPRactical, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
8. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT
TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL SEDIMENT SPILLED,
DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
9. WHEN WASHING IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH STONE AND
WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
10. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

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NOTES:
1. SOCK FABRIC SHALL MEET STANDARDS OF TABLE 5.1, COMPOST SHALL MEET THE STANDARDS
LISTED ON TABLE 5.2 OF NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT
CONTROL.
2. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK
SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT.
STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE
MANUFACTURER.
3. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
4. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT
OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
5. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE
REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF
INSPECTION.
6. BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS
AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S
RECOMMENDATIONS.
7. UPON STABILIZATION OF THE AREA CONTRIBUTORY TO THE SOCKS, STAKES SHALL BE REMOVED. THE
SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL
BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

PUMPED SEDIMENT REMOVAL SYSTEM

NTS

COMPOST FILTER SOCK

NTS

SOIL INFORMATION

SEE SITE PLAN FOR LOCATION OF DEEP HOLE AND PERCOLATION TESTS.

DEEP HOLE (DH1)

DEEP HOLE TEST COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/21/24.

0"-20" VERY DARK BROWN SILT LOAM, 10YR/2/2
20"-32" DARK YELLOWISH BROWN SANDY LOAM, 10YR/4/4
32"-BOT YELLOWISH BROWN SAND, 10YR/5/6

DEPTH OF HOLE = 72"
DEPTH TO ROOTS = 32"
DEPTH OF SHGW = 44" MOTTLING

PERCOLATION TESTS

PERCOLATION TESTS COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/21/24.

PERCOLATION TEST (PT1-1)

TEST DEPTH = 20"

RUN	TIME
1	1 MIN 57 SEC
2	2 MIN 44 SEC
3	2 MIN 50 SEC
4	3 MIN 02 SEC

DESIGN PERC RATE 1-5 MIN

PERCOLATION TEST (PT1-2)

TEST DEPTH = 20"

RUN	TIME
1	2 MIN 3 MIN 02 SEC
2	3 MIN 15 SEC
3	3 MIN 22 SEC
4	3 MIN 26 SEC

DESIGN PERC RATE 1-5 MIN

DEEP HOLE (DH3)

DEEP HOLE TEST COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/20/24.

0"-18" VERY DARK GRAYISH BROWN SILT LOAM, 10YR/3/2
18"-26" DARK GRAYISH BROWN SANDY LOAM, 10YR/4/2
26"-34" YELLOWISH BROWN SAND, 10YR/5/4
34"-BOT LIGHT YELLOWISH BROWN COARSE SAND, 10YR/6/4

DEPTH OF HOLE = 72"
DEPTH TO ROOTS = 28"
DEPTH OF SHGW = 26" SEEPAGE

PERCOLATION TESTS

PERCOLATION TESTS COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/21/24.

PERCOLATION TEST (PT3-1)

TEST DEPTH = 6"

RUN	TIME
1	3 MIN 17 SEC
2	4 MIN 58 SEC
3	6 MIN 39 SEC
4	6 MIN 29 SEC
5	6 MIN 32 SEC

DESIGN PERC RATE 6-7 MIN

PERCOLATION TEST (PT3-2)

TEST DEPTH = 6"

RUN	TIME
1	3 MIN 02 SEC
2	3 MIN 32 SEC
3	5 MIN 05 SEC
4	5 MIN 12 SEC
5	5 MIN 15 SEC

DESIGN PERC RATE 1-5 MIN

DEEP HOLE (DH5)

DEEP HOLE TEST COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/20/24.

0"-8" YELLOWISH BROWN SILT, 10YR/5/6
8"-46" YELLOWISH BROWN SANDY SILT, 10YR/5/8
46"-56" LIGHT BROWNISH GRAY HARD SAND, 10YR/6/2
56"-BOT YELLOWISH BROWN SANDY CLAY LOAM, 10YR/5/8

DEPTH OF HOLE = 74"
DEPTH TO ROOTS = 38"
DEPTH OF SHGW = 50" GRAYING OF SOIL

PERCOLATION TESTS

PERCOLATION TESTS COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/21/24.

PERCOLATION TEST (PT5-1)

TEST DEPTH = 24"

RUN	TIME
1	0 MIN 33 SEC
2	0 MIN 58 SEC
3	1 MIN 14 SEC
4	1 MIN 19 SEC
5	1 MIN 52 SEC

DESIGN PERC RATE 1-5 MIN

PERCOLATION TEST (PT5-2)

TEST DEPTH = 24"

RUN	TIME
1	0 MIN 26 SEC
2	1 MIN 03 SEC
3	1 MIN 07 SEC
4	1 MIN 10 SEC

DESIGN PERC RATE 1-5 MIN

DEEP HOLE (DH2)

DEEP HOLE TEST COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/20/24.

0"-10" DARK BROWN SILT LOAM, 7.5YR/3/4
10"-24" DARK YELLOWISH BROWN COARSE SAND, 10YR/4/4
24"-30" LIGHT YELLOWISH BROWN SAND, 10YR/6/4
30"-BOT DARK YELLOWISH BROWN FINE SAND, 10YR/4/4

DEPTH OF HOLE = 72"
DEPTH TO ROOTS = 24"
DEPTH OF SHGW = 24" MOTTLING
WATER SEEPS AT 26"

PERCOLATION TESTS

PERCOLATION TESTS COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/20/24.

PERCOLATION TEST (PT2-1)

TEST DEPTH = 6"

RUN	TIME
1	3 MIN 40 SEC
2	4 MIN 47 SEC
3	4 MIN 52 SEC
4	5 MIN 03 SEC

DESIGN PERC RATE 1-5 MIN

PERCOLATION TEST (PT2-2)

TEST DEPTH = 6"

RUN	TIME
1	1 MIN 33 SEC
2	2 MIN 38 SEC
3	2 MIN 43 SEC
4	2 MIN 48 SEC

DESIGN PERC RATE 1-5 MIN

DEEP HOLE (DH4)

DEEP HOLE TEST COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/20/24.

0"-18" DARK BROWN SILT LOAM, 10YR/3/3
18"-39" YELLOWISH BROWN SAND, 10YR/5/6
39"-55" BROWN FINE SAND, 10YR/5/3
55"-BOT YELLOWISH BROWN GRAVEL SAND, 10YR/5/4

DEPTH OF HOLE = 72"
DEPTH TO ROOTS = 26"
DEPTH OF SHGW = 40" SEEPAGE

PERCOLATION TESTS

PERCOLATION TESTS COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/21/24.

PERCOLATION TEST (PT4-1)

TEST DEPTH = 16"

RUN	TIME
1	5 MIN 26 SEC
2	8 MIN 56 SEC
3	9 MIN 03 SEC
4	9 MIN 07 SEC

DESIGN PERC RATE 8-10 MIN

PERCOLATION TEST (PT4-2)

TEST DEPTH = 16"

RUN	TIME
1	5 MIN 47 SEC
2	8 MIN 16 SEC
3	8 MIN 28 SEC
4	8 MIN 31 SEC

DESIGN PERC RATE 8-10 MIN

PERCOLATION TESTS

PERCOLATION TESTS COMPLETED BY R GILLIS OF NORTH WOODS ENGINEERING, PLLC ON 11/21/24.

PERCOLATION TEST (PT6-1)

TEST DEPTH = 8"

RUN	TIME
1	1 MIN 47 SEC
2	2 MIN 36 SEC
3	3 MIN 12 SEC
4	3 MIN 19 SEC
5	5 MIN 09 SEC

DESIGN PERC RATE 1-5 MIN

PERCOLATION TEST (PT6-2)

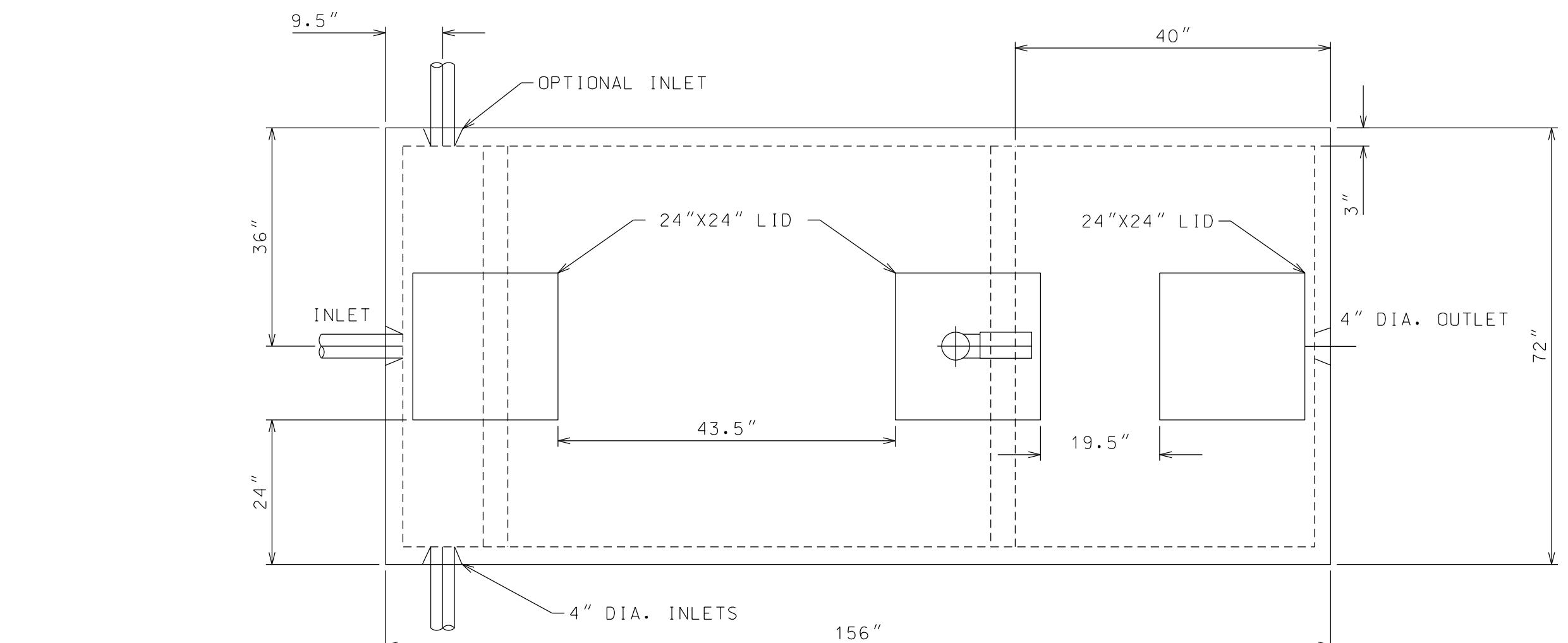
TEST DEPTH = 8"

RUN	TIME

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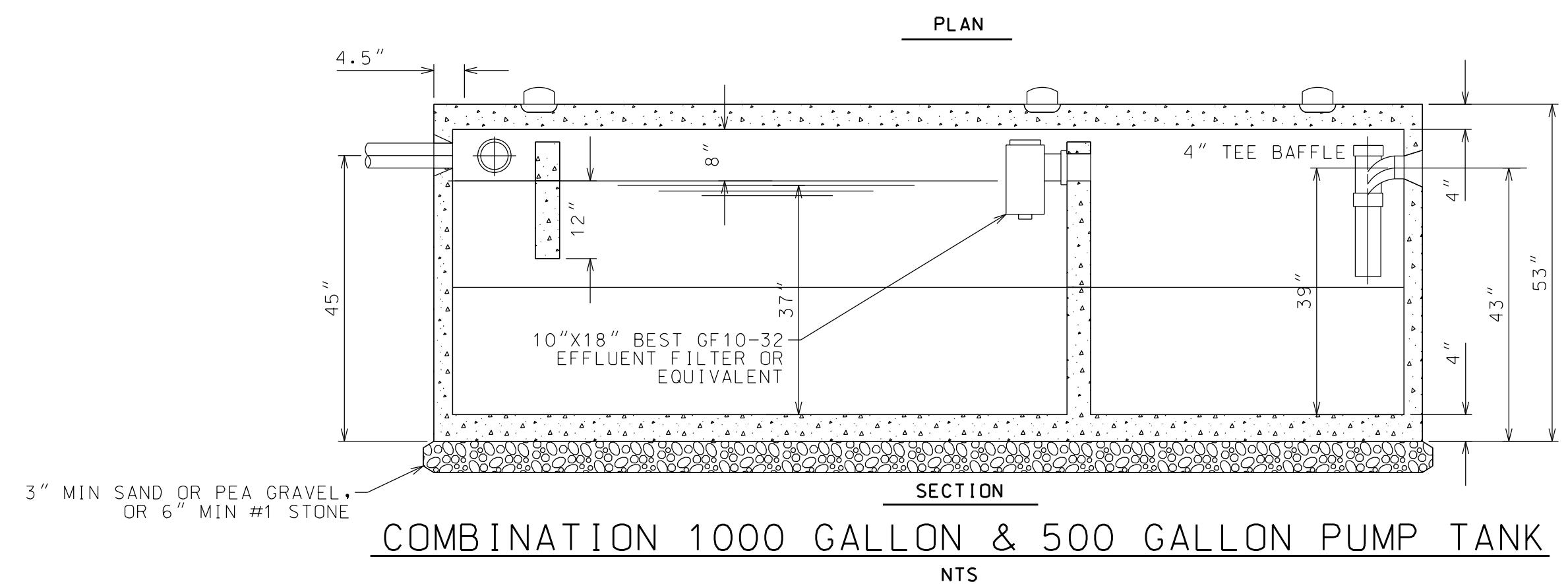
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FOR GRAVITY SYSTEMS
INLET SHALL BE 4" SDR 35 PVC, SLOPED AT MIN $\frac{1}{8}$ IN/FT. FOR PUMPED SYSTEMS INLET SHALL BE FORCED MAIN TO WITHIN 1' OF D-BOX, THEN 4" SDR 35 TO D-BOX

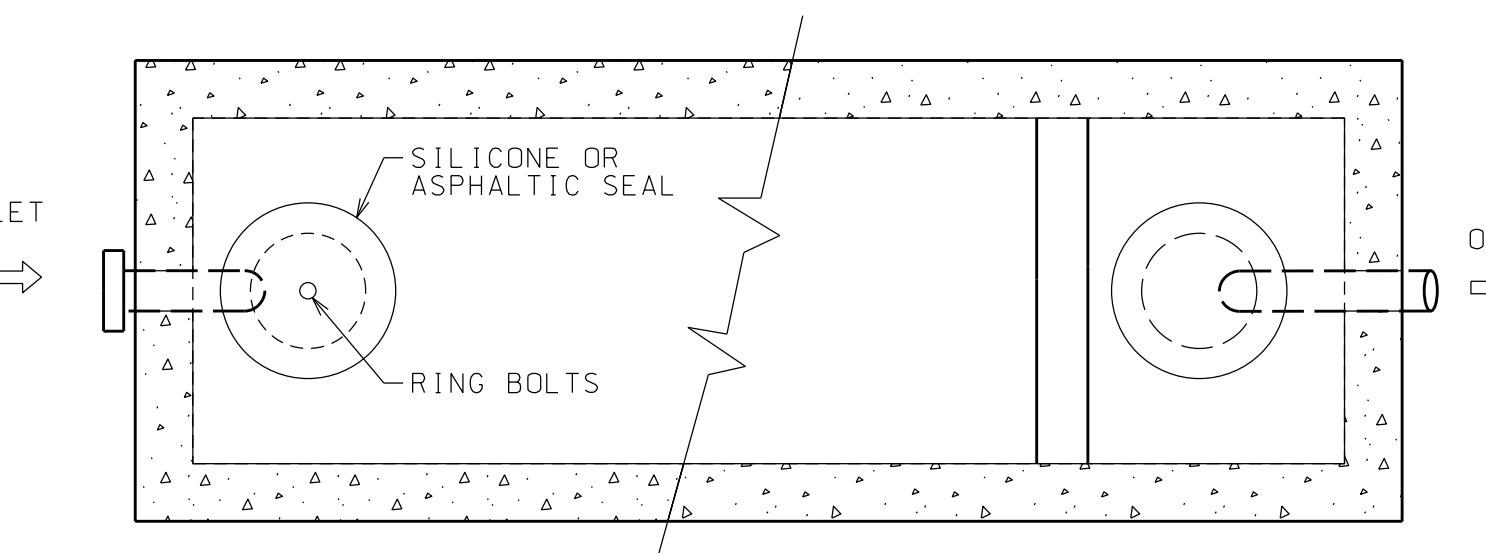
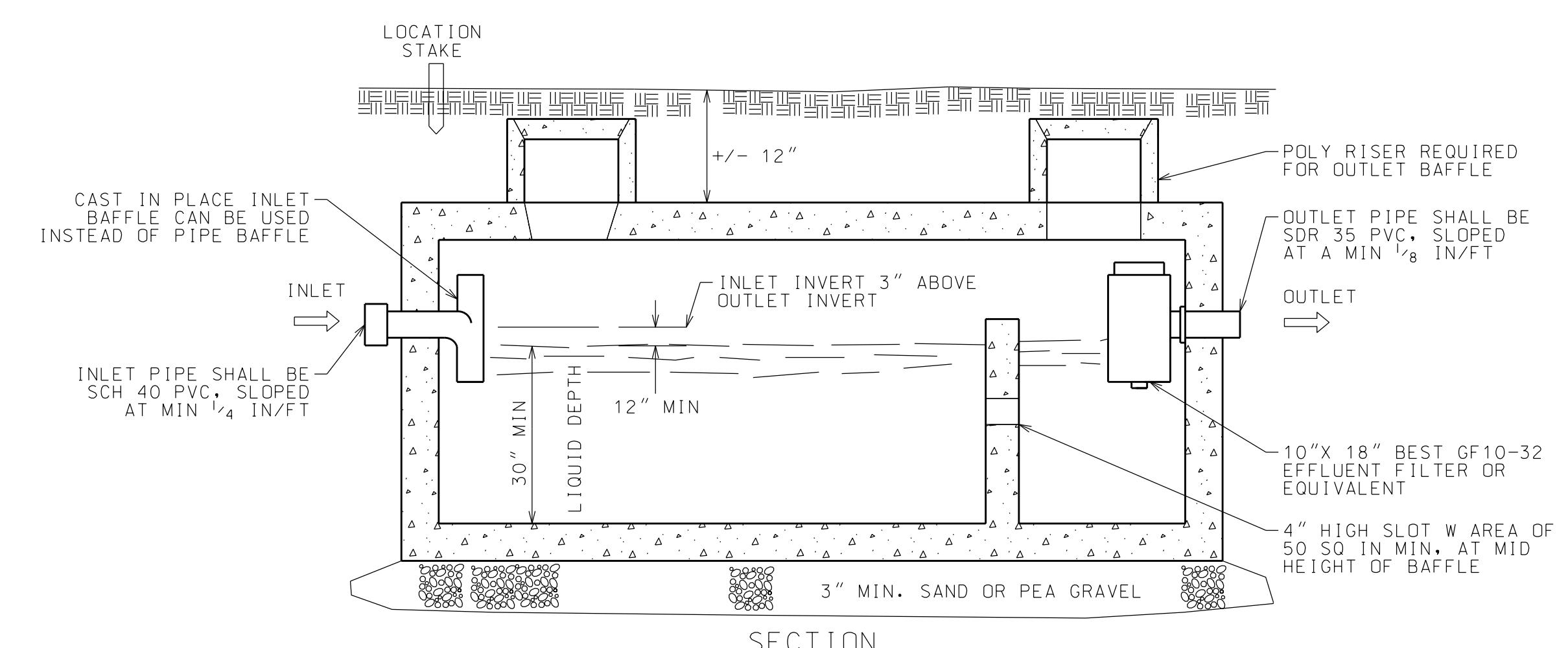
LOCATION STAKE
FINISH GRADE
12" MAX
2" MIN
BAFFLE
OUTLET PIPE SHALL BE SDR 35 PVC SLOPED AT MIN $\frac{1}{32}$ IN/FT
NOTES:
1. PIPE JOINTS TO BE SEALED WITH ASPHALTIC MATERIAL OR EQUIVALENT.
2. USE SPEED LEVELING DEVICES.
3. IN CLINTON COUNTY, PROVIDE MIN 5' OF SOLID PIPE OUT OF D-BOX BEFORE BEGINNING PERFORATED PIPE. IN OTHER COUNTIES, PROVIDE MIN 2.5' OF SOLID PIPE OUT OF D-BOX BEFORE BEGINNING PERFORATED PIPE.
4. BAFFLE IS REQUIRED ON ALL D-BOXES.
5. SEE PLAN OR REPORT FOR NUMBER OF OUTLETS.

DISTRIBUTION BOX DETAIL
NTS



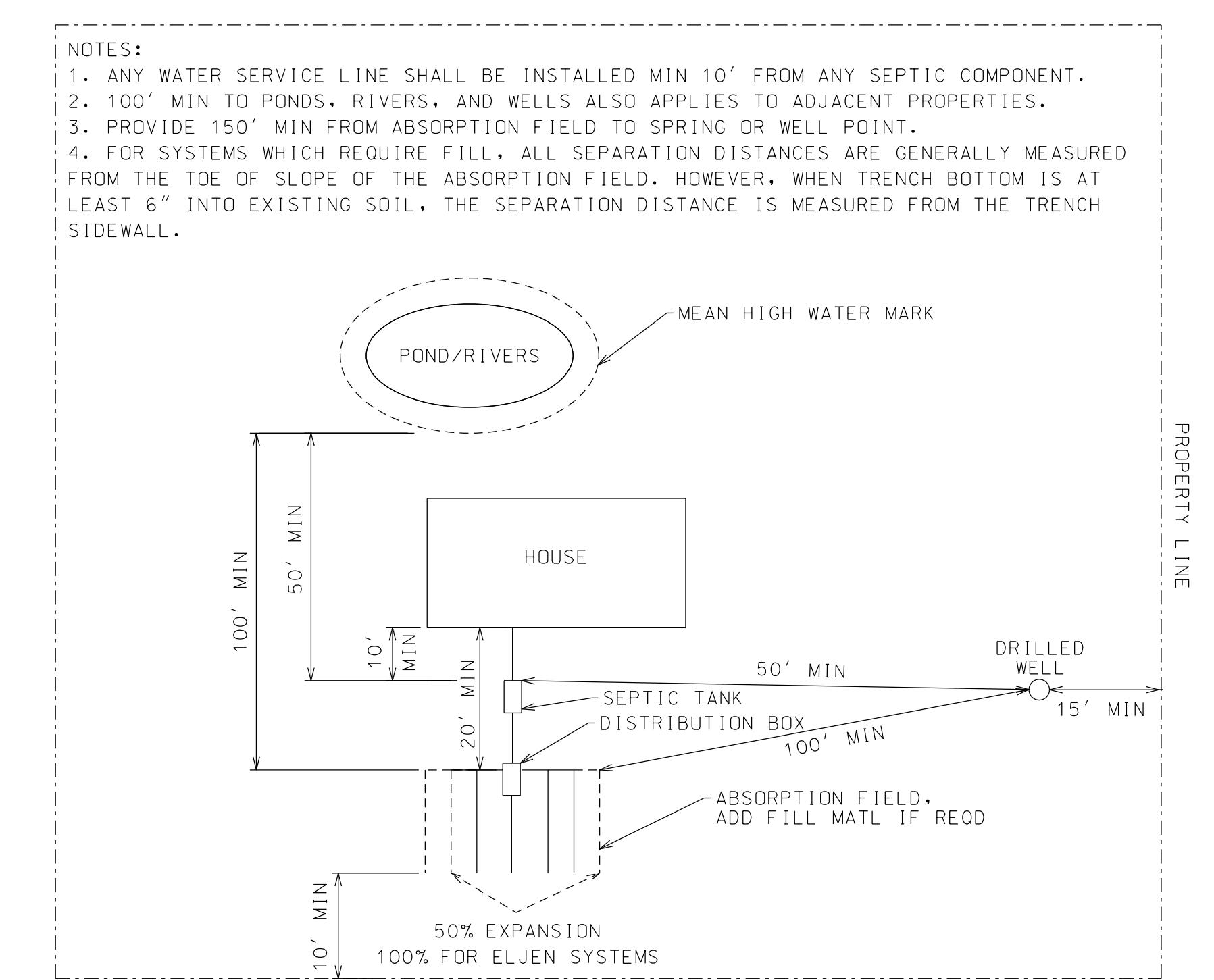
NOTES:

1. MIN OF 6" WALL THICKNESS FOR CAST-IN-PLACE CONCRETE.
2. AT LEAST ONE ACCESS MANHOLE SHALL BE PROVIDED INTO EACH COMPARTMENT.
3. TANK COVERS SHALL ALWAYS BE ACCESSIBLE. WHERE MANHOLES ARE MORE THAN 12 INCHES BELOW FINAL GRADE, AN EXTENSION COLLAR SHALL BE PROVIDED OVER EACH OPENING. EXTENSION COLLARS SHALL NOT BE BROUGHT FLUSH WITH THE GROUND SURFACE UNLESS THE COVER CAN BE LOCKED TO PREVENT TAMPERING.



NOTES:

1. MIN OF 6" WALL THICKNESS FOR CAST-IN-PLACE CONCRETE.
2. MIN TOTAL CAPACITY AS SHOWN ON PROJECT PLANS. SINGLE COMPARTMENT TANKS IN SERIES MAY BE INSTALLED AS AN ALTERNATE TO ONE DUAL COMPARTMENT TANK.
3. DUAL COMPARTMENT TANKS ARE REQUIRED ON ALL TANKS WITH AN INTERIOR LENGTH OF 10 FT OR MORE.
4. THE FIRST COMPARTMENT OR TANK (INLET SIDE) SHALL ACCOUNT FOR 60-75% OF THE REQUIRED TOTAL DESIGN VOLUME.
5. THE BAFFLE SEPARATING THE COMPARTMENTS SHALL EXTEND FROM THE BOTTOM OF THE TANK TO AT LEAST 6 INCH ABOVE THE INVERT OF THE OUTLET PIPE.
6. COMPARTMENTS SHALL BE CONNECTED BY A 4 INCH VERTICAL SLOT AT LEAST 18 INCHES IN WIDTH, A 6 INCH ELBOW, OR TWO 4 INCH ELBOWS LOCATED AT A DISTANCE BELOW THE LIQUID LEVEL EQUAL TO ONE-THIRD THE DISTANCE BETWEEN THE INVERT OF THE OUTLET AND THE BOTTOM OF THE TANK.
7. AT LEAST ONE ACCESS MANHOLE SHALL BE PROVIDED INTO EACH COMPARTMENT.
8. TANKS IN SERIES SHALL BE CONNECTED BY A SINGLE PIPE WITH A MIN DIAMETER OF 4 INCHES.
9. TANK COVERS SHALL ALWAYS BE ACCESSIBLE. WHERE MANHOLES ARE MORE THAN 12 INCHES BELOW FINAL GRADE, AN EXTENSION COLLAR SHALL BE PROVIDED OVER EACH OPENING. EXTENSION COLLARS SHALL NOT BE BROUGHT FLUSH WITH THE GROUND SURFACE UNLESS THE COVER CAN BE LOCKED TO PREVENT TAMPERING.



TYPICAL ABSORPTION FIELD SEPARATION REQUIREMENTS
NTS

DUAL COMPARTMENT CONCRETE SEPTIC TANK
NTS

AYLWARD SUBDIVISION
TOWN OF KEENE • NY

PROJECT NAME
LOCATION
KEENE, NY

DATE ISSUED FOR REV
7/25/25 PERMITTING

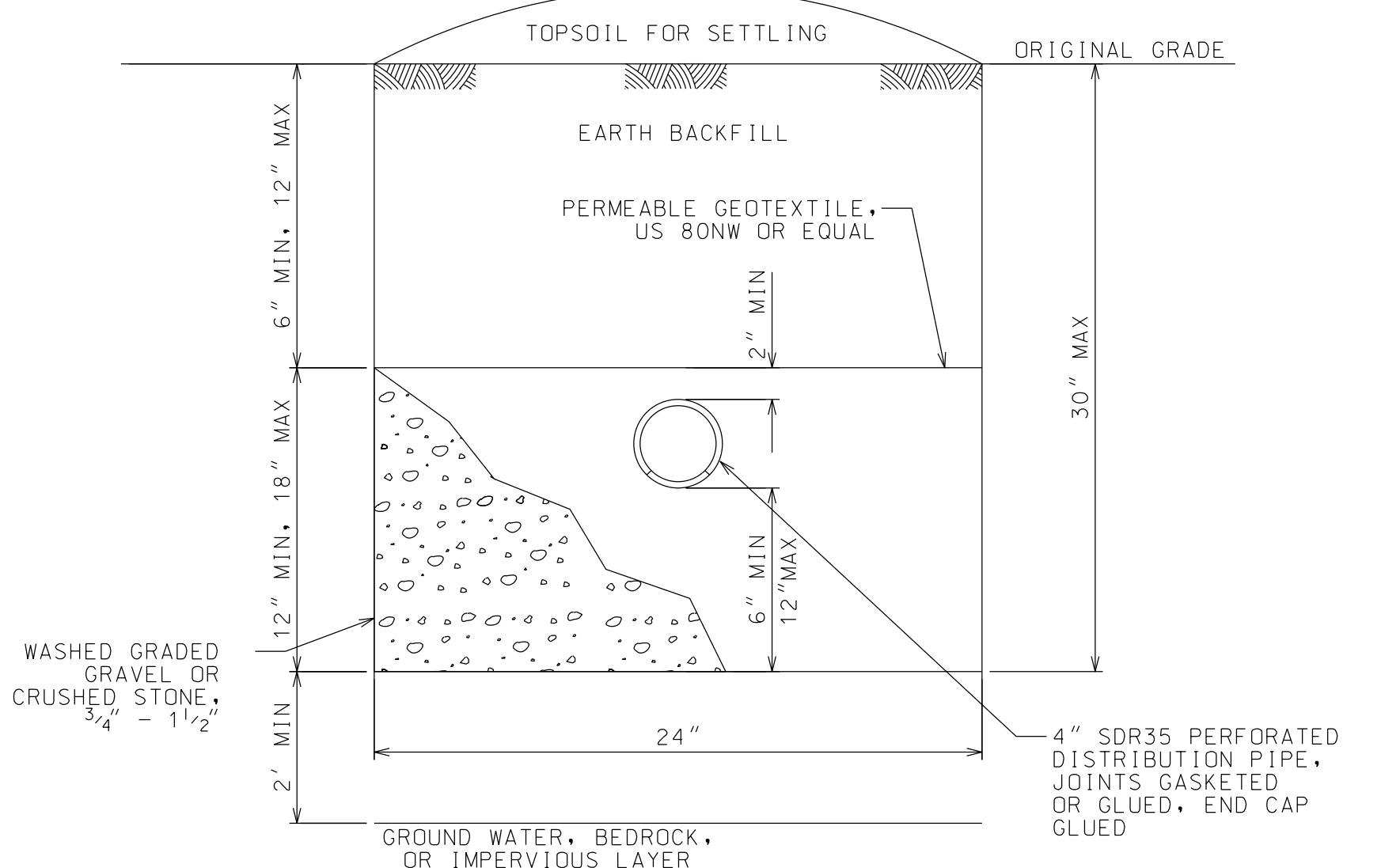
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CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24"x36"
TITLE

SEPTIC DETAILS & NOTES

SHEET
C303

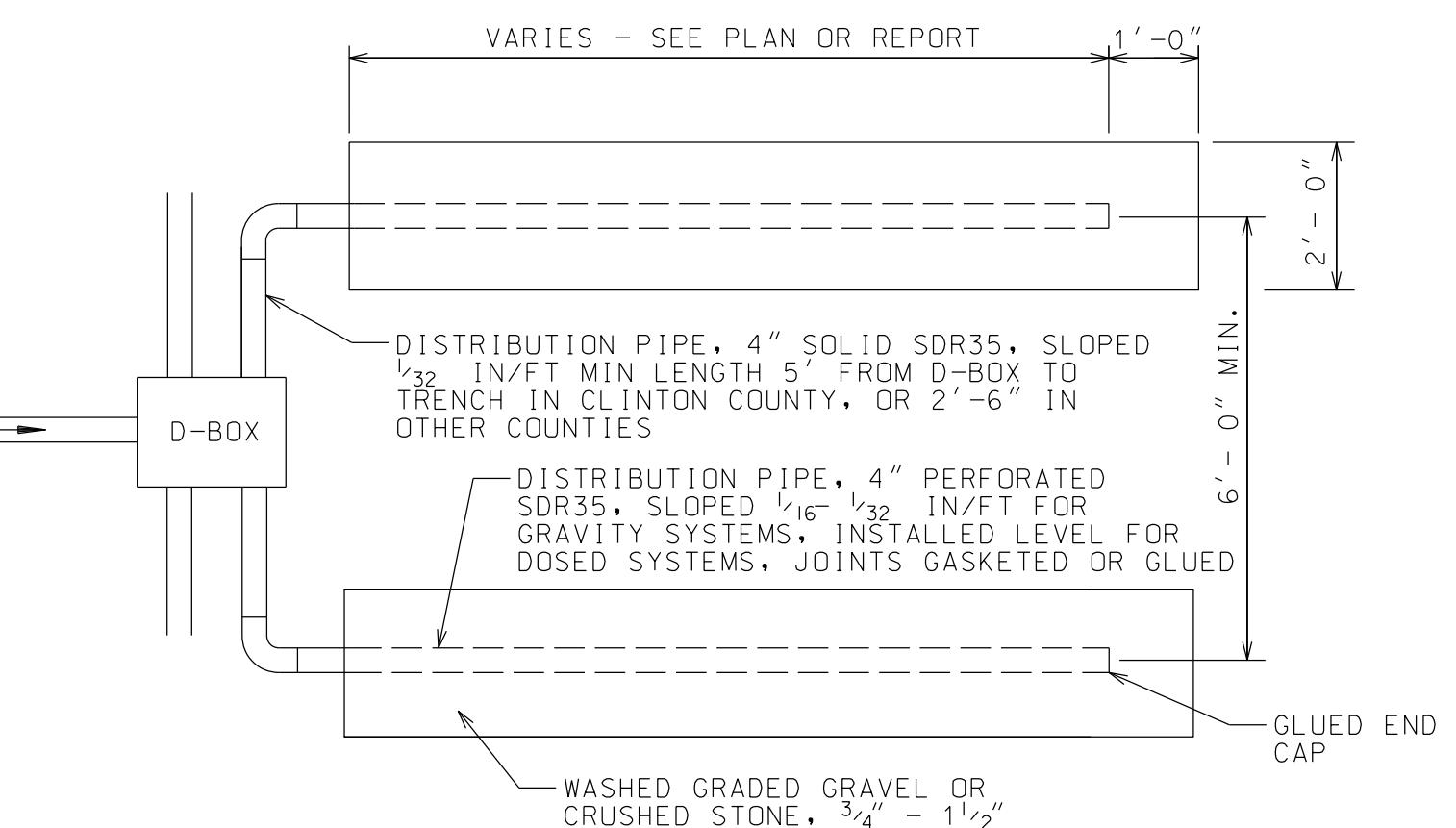


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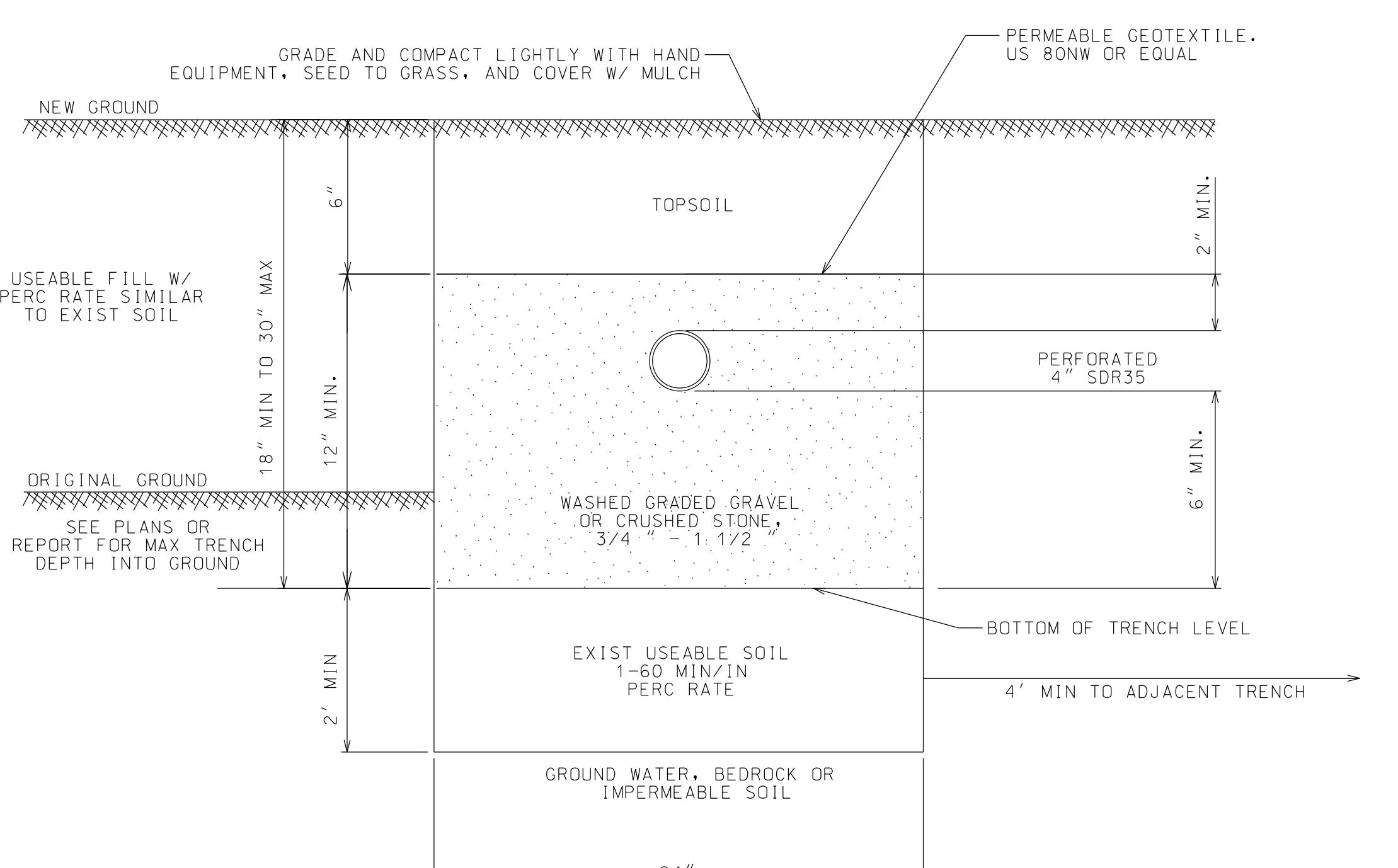
CONVENTIONAL ABSORPTION TRENCH DETAIL

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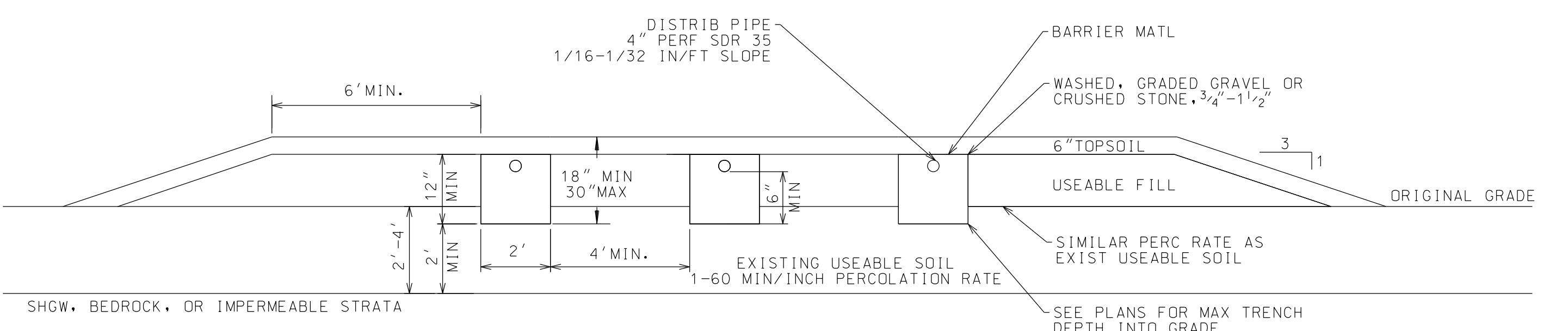
TYPICAL ABSORPTION TRENCH

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SHALLOW ABSORPTION TRENCH DETAIL

NTS



SHALLOW TRENCH DETAIL - GRAVITY SYSTEM

NTS

NOTE: NUMBER OF TRENCHES
MAY VARY. SEE PLAN.

SHALLOW SYSTEM ABSORPTION FIELD CONSTRUCTION NOTES

- CUT TREES AND STUMPS AT GRADE AND REMOVE. OTHER VEGETATION SHALL BE CUT AS CLOSE TO GRADE AS POSSIBLE AND REMOVED. ALL LEAVES, LIMBS AND BOULDERS ABOVE GRADE SHALL BE REMOVED.
- FILL MATERIAL SHALL BE CAREFULLY PLACED WITHIN THE ABSORPTION AREA. THE EDGE OF THE FILL MATERIAL SHALL BE TAPERED BEGINNING AT LEAST SIX FEET BEYOND THE TRENCH. TAPER TO ORIGINAL GRADE AT A SLOPE NO GREATER THAN ONE VERTICAL TO THREE HORIZONTAL.
- ON SLOPED SITES A DIVERSION DITCH OR BERM SHALL BE CONSTRUCTED ON THE UPHILL SIDE OF THE FILL MATERIAL TO PREVENT SURFACE RUNOFF FROM ENTERING THE FILL.
- THE SHALLOW ABSORPTION TRENCH SYSTEM IS CONSTRUCTED IN THE FILL MATERIAL AND UPON OR IN EXISTING IN SITU SOIL. CONSTRUCTION OF TRENCHES AT LEAST SIX INCHES INTO EXISTING IN SITU SOIL IS PREFERRED TO UTILIZE A STABILIZED SIDEWALL INFILTRATIVE SURFACE. SEE PLANS AND REPORT FOR MAXIMUM TRENCH DEPTH INTO GROUND.
- DO NOT INSTALL TRENCHES IN WET SOIL AS IT CAN LEAD TO SMEARING AND COMPACTION OF THE SOIL SURFACE. DO NOT INSTALL TRENCHES WHEN THE GROUND IS FROZEN.
- TRENCHES SHALL BE INSTALLED PARALLEL TO GROUND CONTOURS AND AS SHALLOW AS POSSIBLE.
- SIDES AND BOTTOM OF TRENCHES SHALL BE RAKED PRIOR TO PLACEMENT OF AGGREGATE.
- HEAVY EQUIPMENT USE IN THE AREA OF THE ABSORPTION FIELD SHALL BE KEPT TO A MINIMUM TO PREVENT COMPACTION.
- TRENCH BOTTOMS SHOULD BE GRADED BY HAND AND ARE TO BE CHECKED BY A TRANSIT OR TRIPOD MOUNTED LEVEL TO ENSURE LEVEL GRADE.
- DOSED DISTRIBUTION PIPE SHALL BE INSTALLED LEVEL AND ENDS SHALL BE CAPPED.
- THE BACKFILL IS TO BE SLIGHTLY MOUNDED. THE ENTIRE AREA SHALL BE COMPACTED LIGHTLY AND GRADED, EITHER BY HAND OR WITH EQUIPMENT LOCATED OUTSIDE THE ABSORPTION AREA. LASTLY, THE AREA SHALL BE SEDED WITH GRASS AND COVERED WITH MULCH TO PREVENT EROSION.

ABSORPTION FIELD CONSTRUCTION NOTES

- CUT TREES AND STUMPS AT GRADE AND REMOVE. OTHER VEGETATION SHALL BE CUT AS CLOSE TO GRADE AS POSSIBLE AND REMOVED. ALL LEAVES, LIMBS AND BOULDERS ABOVE GRADE SHALL BE REMOVED.
- DO NOT INSTALL TRENCHES IN WET SOIL AS IT CAN LEAD TO SMEARING AND COMPACTION OF THE SOIL SURFACE. DO NOT INSTALL TRENCHES WHEN THE GROUND IS FROZEN.
- TRENCHES SHALL BE INSTALLED PARALLEL TO GROUND CONTOURS AND AS SHALLOW AS POSSIBLE.
- SIDES AND BOTTOM OF TRENCHES SHALL BE RAKED PRIOR TO PLACEMENT OF AGGREGATE.
- HEAVY EQUIPMENT USE IN THE AREA OF THE ABSORPTION FIELD SHALL BE KEPT TO A MINIMUM TO PREVENT COMPACTION.
- TRENCH BOTTOMS SHOULD BE GRADED BY HAND AND ARE TO BE CHECKED BY A TRANSIT OR LEVEL TO ENSURE LEVEL GRADE.
- DOSED DISTRIBUTION PIPE SHALL BE INSTALLED LEVEL AND ENDS SHALL BE CAPPED. BOTH DOSED AND GRAVITY END CAPS SHALL BE GLUED.
- THE BACKFILL IS TO BE SLIGHTLY MOUNDED AND NOT COMPACTED. THE ENTIRE AREA SHALL BE GRADED BY HAND OR WITH EQUIPMENT LOCATED OUTSIDE THE ABSORPTION AREA. LASTLY, THE AREA SHALL BE SEDED WITH GRASS AND COVERED WITH MULCH TO PREVENT EROSION.

AYLWARD SUBDIVISION
TOWN OF KEENE • NY

PROJECT NAME			
LOCATION	KEENE, NY		
DATE	ISSUED FOR	REV	7/25/25 PERMITTING
DRAWN BY: RRG			
CHECKED BY: JAG			
PROJECT #: 23-057			
ORIGINAL 24" x 36"			
TITLE			
SEPTIC DETAILS & NOTES			
SHEET C304			



WARNING: IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON UNLESS ACTING UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER ANY ITEM IN ANY WAY. IF ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

INDIVIDUAL WATER SUPPLY NOTES

1. THE INDIVIDUAL DRILLED WELL SHALL BE CONSTRUCTED IN ACCORDANCE WITH NYCCR APPENDIX 5-B, TITLED "STANDARDS FOR WATER WELLS". WELLS SHALL BE INSTALLED BY A NYDEC-REGISTERED WATER WELL DRILLER. THE DRILLER SHALL COMPLETE A NYDEC WELL COMPLETION REPORT. THE REPORT SHALL BE SUBMITTED TO A NYDEC, THE NYSDOH - SARANAC LAKE DISTRICT OFFICE, THE LOCAL CODE ENFORCEMENT OFFICER, AND THE HOMEOWNER WITHIN TEN-DAYS OF COMPLETING A WELL.

2. AFTER A NEW WELL HAS BEEN CONSTRUCTED OR AN EXISTING WELL HAS BEEN REPAIRED OR SERVICED IN A MANNER THAT REQUIRES THE OPENING OF THE NEW WELL CASING, THE WELL SHALL BE PUMPED TO WASTE UNTIL THE PUMPED WATER IS REASONABLY CLEAR. AFTER PUMPING TO WASTE, THE WELL, PUMPING EQUIPMENT, AND BUILDING PLUMBING SHALL BE DISINFECTED BEFORE BEING PUT INTO USE. DISINFECTION SHALL BE CONDUCTED IN ACCORDANCE WITH NYSDOH POLICY.

3. INDIVIDUAL WELLS SHOULD, IF POSSIBLE, BE CONSTRUCTED TO PRODUCE A MINIMUM LONG-TERM SUSTAINABLE YIELD OF 5 GPM OR MORE. WHERE THIS CAN NOT BE ACHIEVED, THE FOLLOWING TABLE CAN BE USED TO HELP SELECT WATER STORAGE THAT WILL ALLOW LOW YIELD WELLS TO MEET PEAK HOUSEHOLD WATER DEMAND. THIS STORAGE CAN BE PROVIDED BY A TANK, STORAGE IN THE WELL, OR A COMBINATION OF BOTH.

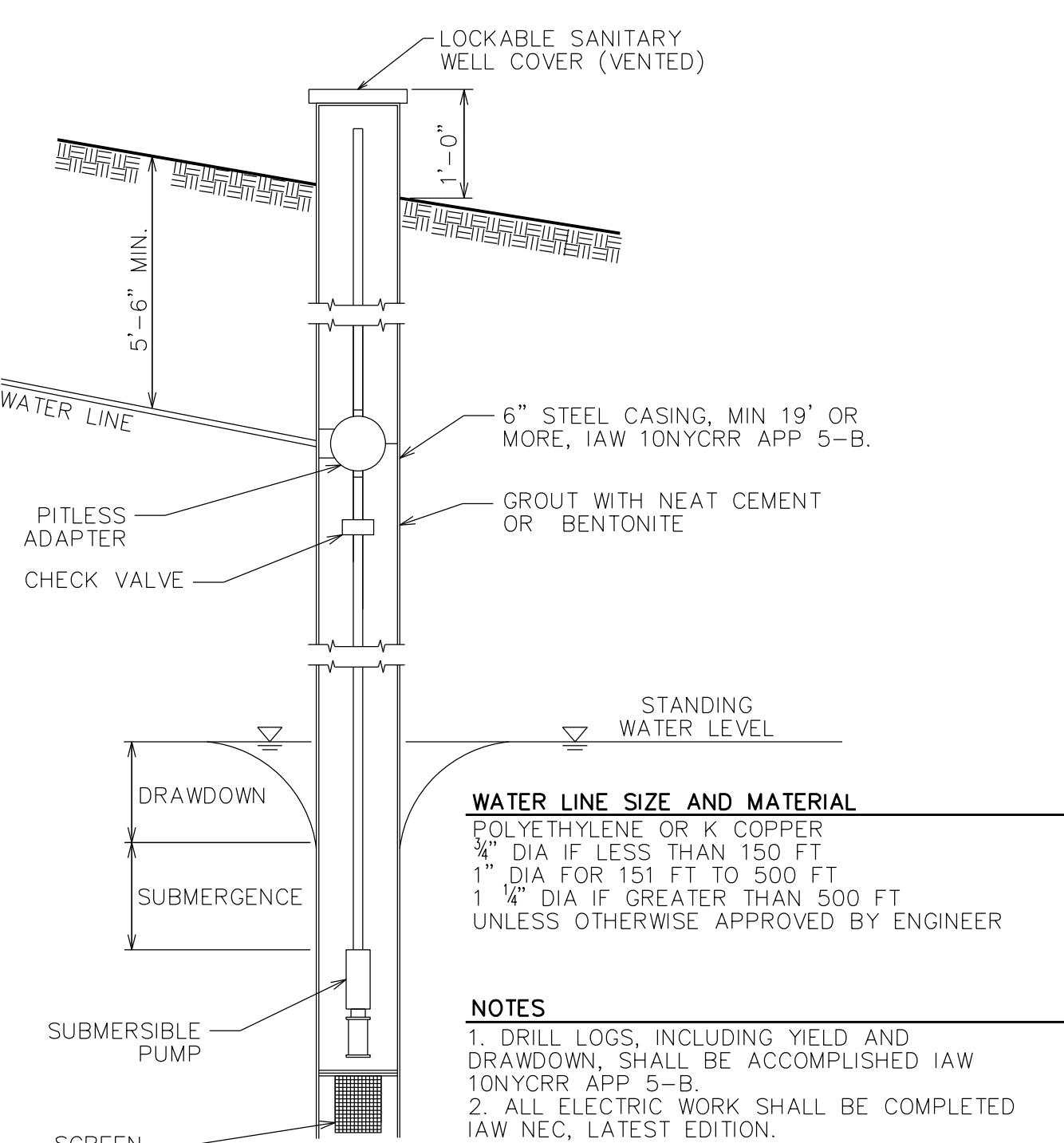
RECOMMENDED MINIMUM STORAGE (GALLONS)				
WELL YIELD (GPM)	2 BEDS	3 BEDS	4 BEDS	5 BEDS
5 OR MORE	NONE	NONE	NONE	NONE
3 TO 5	100	150	200	250
1 TO 3	150	200	250	300
0.5 TO 1	200	250		
LESS THAN 0.5	NOT RECOMMENDED FOR USE			

4. WATER QUALITY SAMPLING SHALL BE DETERMINED FOR INDIVIDUAL DRILLED WELLS. WATER QUALITY SHOULD COMPLY WITH NYCCR PART 5-A TITLED DRINKING WATER STANDARDS. THE MINIMUM WATER QUALITY PARAMETERS TO BE TESTED SHALL INCLUDE COLIFORM BACTERIA, LEAD, NITRATE, NITRITE, IRON, MANGANESE, IRON PLUS MANGANESE, SODIUM, PH, HARDNESS, ALKALINITY, AND TURBIDITY. ADDITIONAL SAMPLING MAY BE NECESSARY BASED ON PROXIMITY OF THE WELL TO POTENTIAL SOURCES OF CONTAMINATION. WATER QUALITY SAMPLES THAT DO NOT MEET POTABILITY STANDARDS WILL REQUIRE TREATMENT TO MEET THE DRINKING WATER STANDARDS.

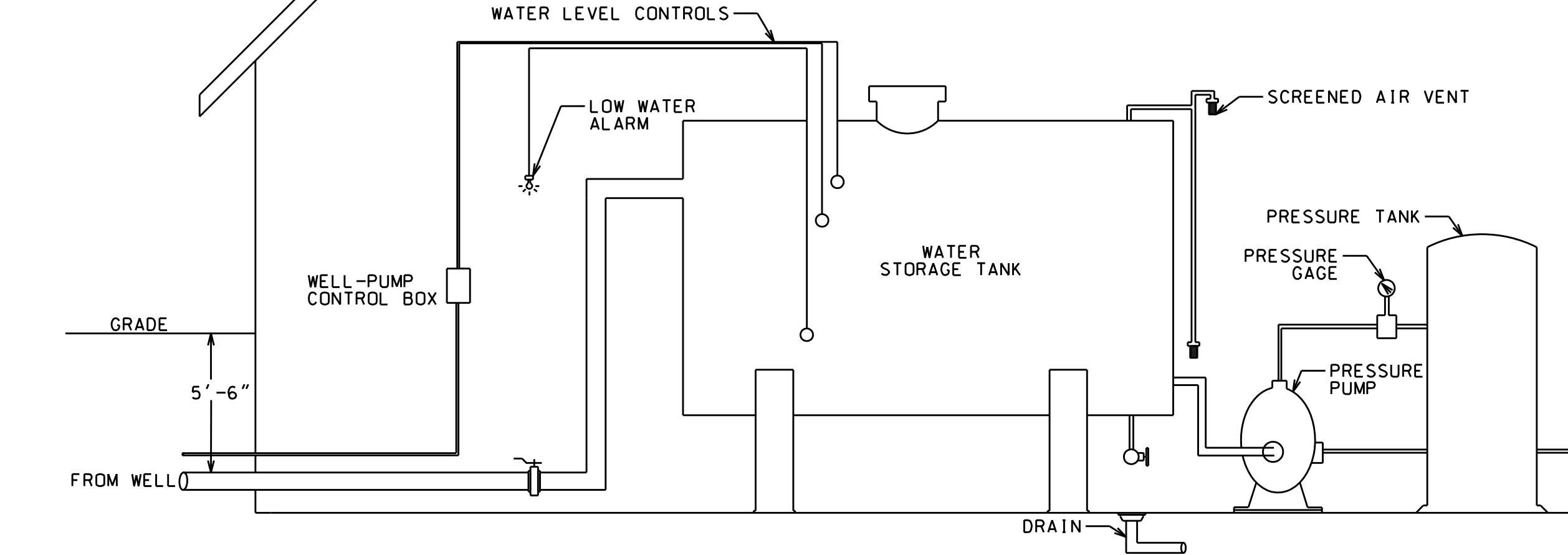
5. WHEN WELL WATER TREATMENT IS NECESSARY TO MEET THE DRINKING WATER STANDARDS, ONLY WHOLE HOUSE TREATMENT IS RECOMMENDED, EXCEPT FOR SOFTENING. WHEN WATER SOFTENING TREATMENT IS PROVIDED, ONLY THE WATER FLOWING TO THE WATER HEATER, LAUNDRY, AND BOILER SHOULD BE SOFTENED TO PRODUCE A BLENDED WATER HARDNESS OF 50 TO 80 MG/L. TREATMENT MAY BE INSTALLED FOR IRON REMOVAL, MANGANESE REMOVAL, CORROSION CONTROL, SOFTENING, TASTE/ODOR CONTROL, FLUORIDE REDUCTION, DEGASSIFICATION, AND ORGANIC CHEMICAL REMOVAL.

6. AQUIFERS EXHIBITING BIOLOGICAL CONTAMINATION OR TURBIDITY EXCEEDING THE DRINKING WATER STANDARD OF 5 NTU ARE NOT APPROPRIATE FOR INDIVIDUAL WATER SUPPLY DEVELOPMENT. OXIDIZED IRON OR MANGANESE TURBIDITY SHOULD NOT BE INCLUDED WHEN DETERMINING TURBIDITY VALUES SINCE BOTH MAY BE REMOVED BY TREATMENT. TREATMENT FOR TURBIDITY REMOVAL MAY BE ACCOMPLISHED VIA AN INLINE CARTRIDGE FILTRATION SYSTEM CAPABLE OF FILTERING PARTICLES GREATER THAN 5 MICRONS (IE 5 MICRON ULTIMATE FILTRATION CAPACITY).

7. DRINKING WATER TREATMENT UNITS SHALL CONFORM WITH ALL APPLICABLE NSF STANDARDS. NSF CERTIFIED PRODUCTS ARE LISTED IN A SEARCHABLE DATABASE ON THE INTERNET AT [HTTP://WWW.NSF.ORG](http://WWW.NSF.ORG).

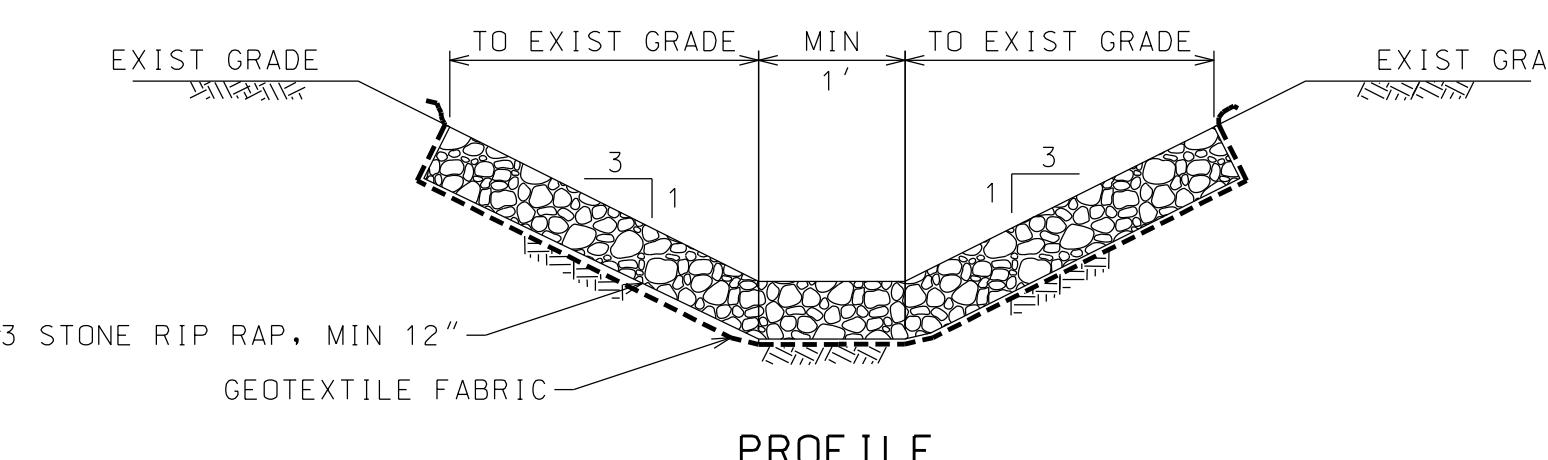
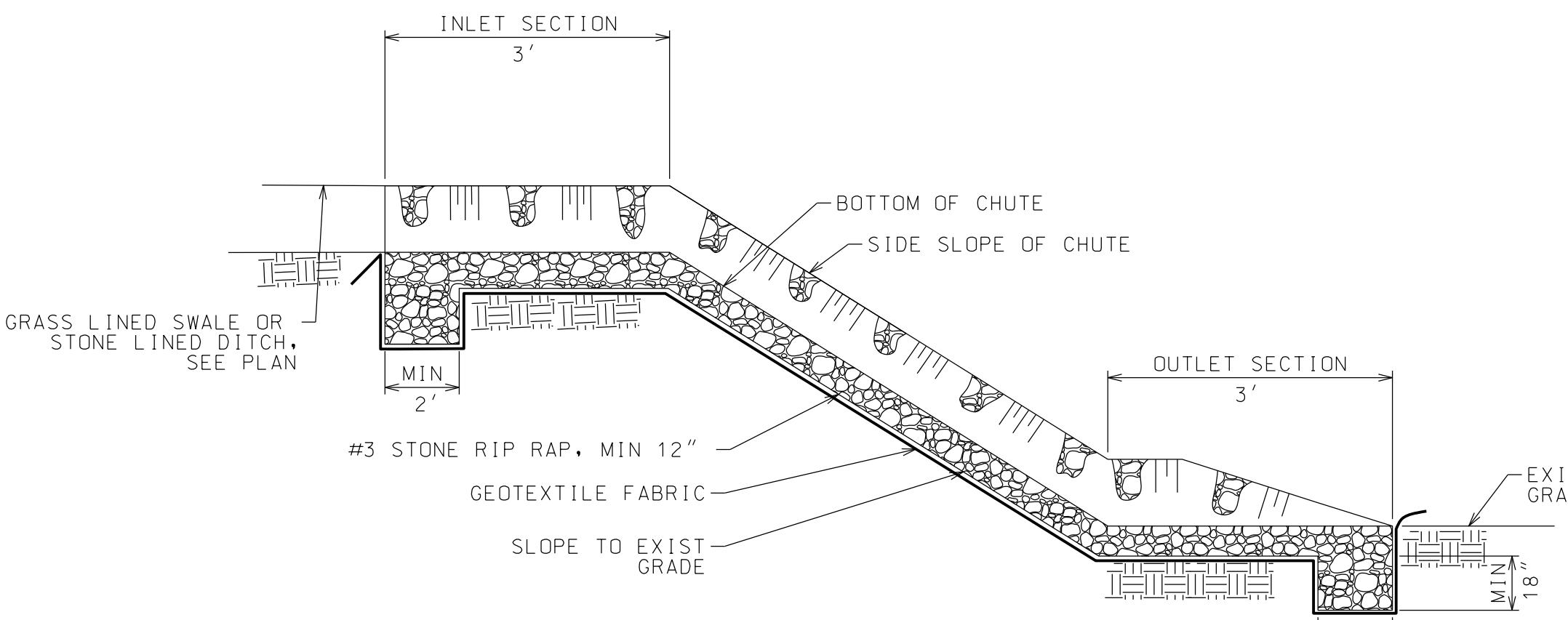


DRILLED WELL SECTION - INDIVIDUAL WELL

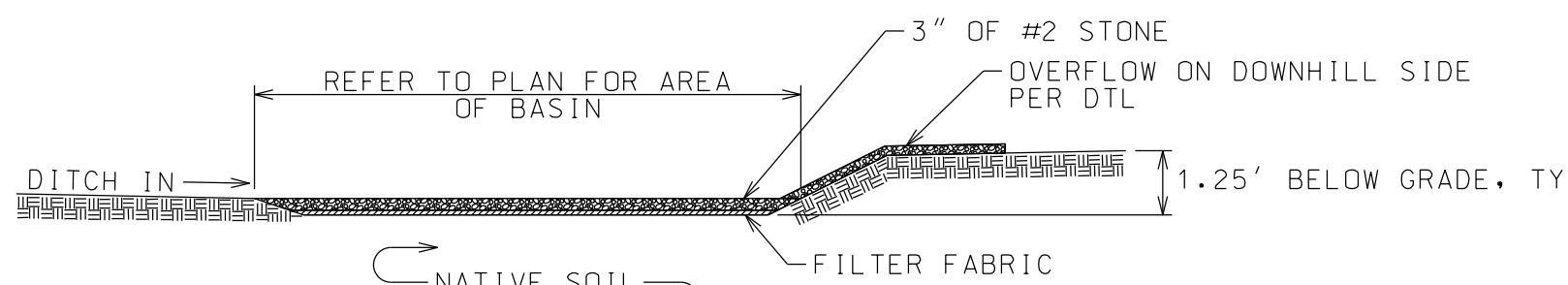


TYPICAL WATER TANK
PROVIDING SUPPLEMENTAL STORAGE FOR A WELL WATER SYSTEM

NTS

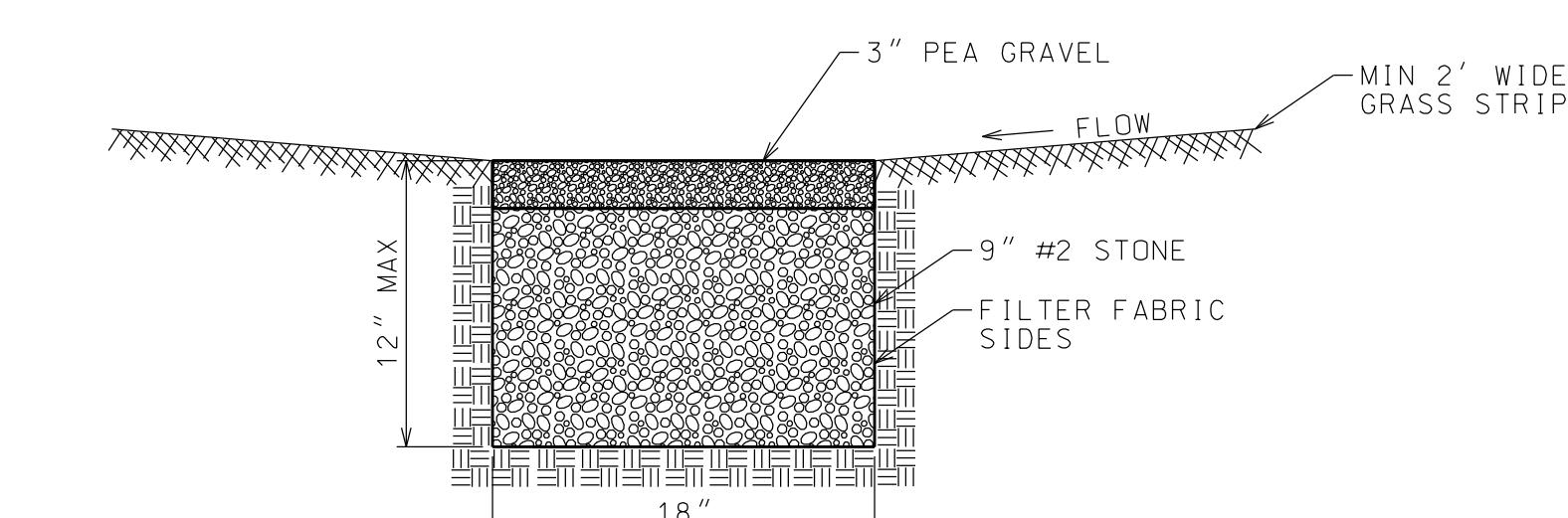


STONE RIPRAP CHUTE



INFILTRATION AREA DETAIL

NTS



INFILTRATION TRENCH

NTS

NOTES:

1. FOLLOW CONTOURS TO ENSURE TRENCH BOTTOM REMAINS LEVEL.
2. MAINTAIN 50' OF SEPARATION FROM ANY COMPONENT OF SEPTIC SYSTEM WHERE POSSIBLE.
3. MAXIMIZE SETBACK TO WELL AS PRACTICAL.

AYLWARD SUBDIVISION
TOWN OF KEENE • NY

PROJECT NAME		
LOCATION	KEENE, NY	
DATE ISSUED FOR REV	9/19/25 PERMITTING	A
	11/7/25 APA CHANGES	
DRAWN BY: RRG		
CHECKED BY: JAG		
PROJECT #: 23-057		
ORIGINAL 24" x 36"		
TITLE		
WATER & SITE DETAILS		
SHEET		

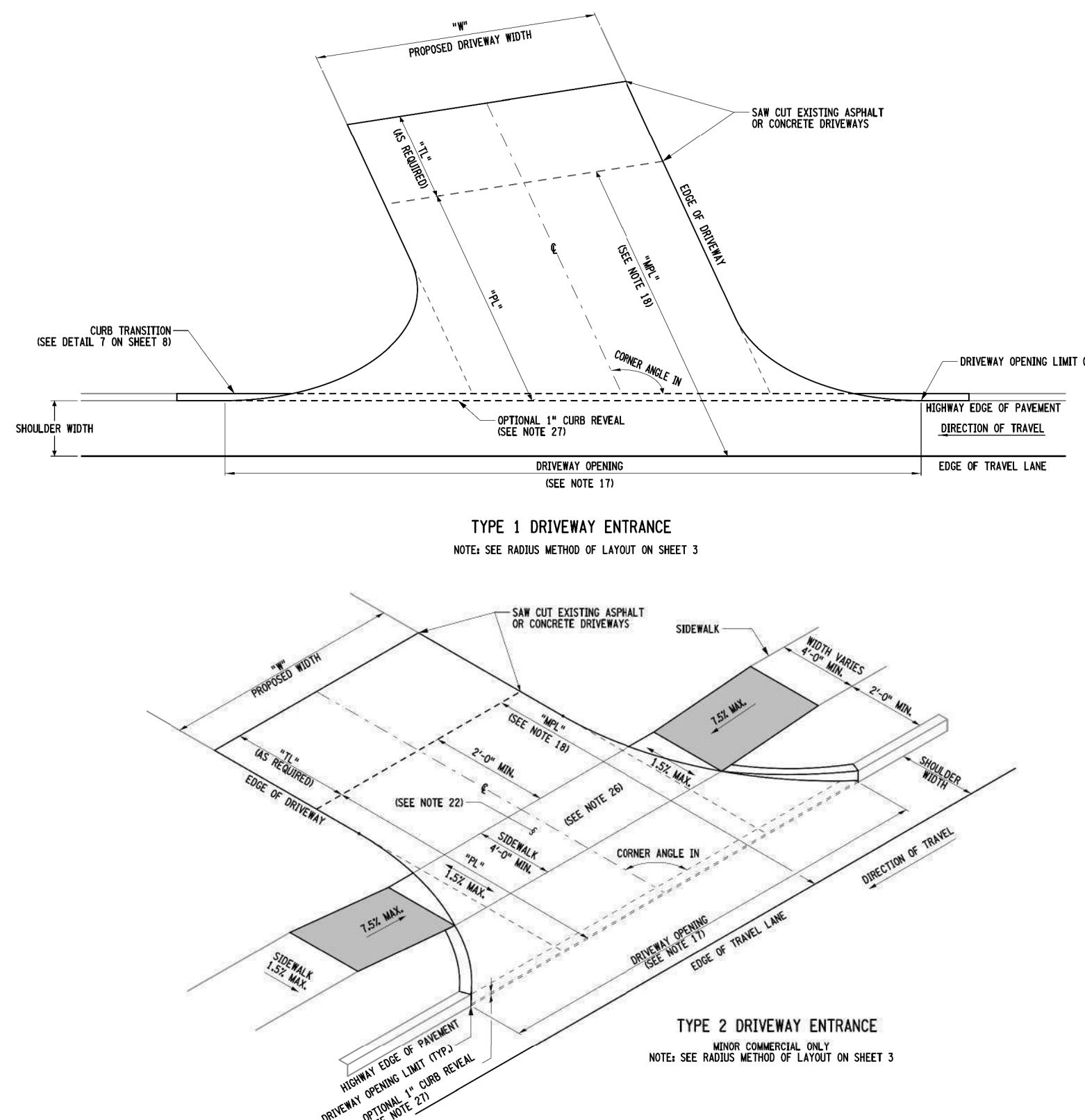


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THE DOCUMENTARY FEE AND THE NOTE THAT
"ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND
THE DATE OF ALTERATION, AND A SPECIFIC
DESCRIPTION OF THE ALTERATION.

AYLWARD SUBDIVISION DRIVEWAY
TOWN OF KEENE • NY

STANDARD SHEETS, May 01, 2023

FILE NAME: 100-00000-00000-00000
DATE/TIME: 10:44 AM - 05/01/2023
USER: jag



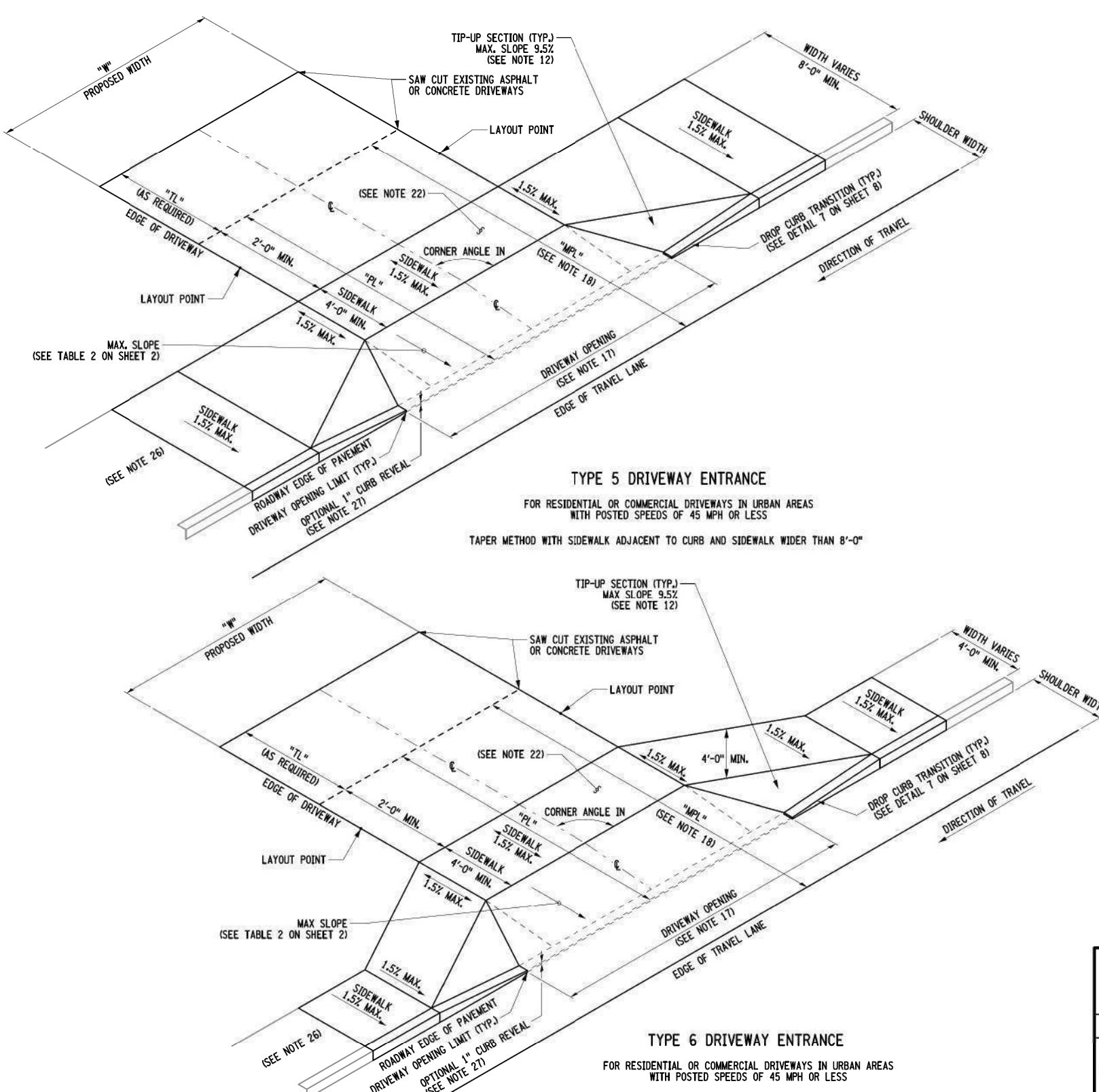
NEW YORK STATE OF OPPORTUNITY **Department of Transportation**
U.S. CUSTOMARY STANDARD SHEET
RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAYS (SHEET 5 OF 9)

APPROVED FEBRUARY 5, 2020
/S/ RICHARD D. WILDER, P.E.
DEPUTY CHIEF ENGINEER
DESIGN

ISSUED UNDER EB 10-005
608-03

STANDARD SHEETS, May 01, 2023

FILE NAME: 100-00000-00000-00000
DATE/TIME: 10:44 AM - 05/01/2023
USER: jag



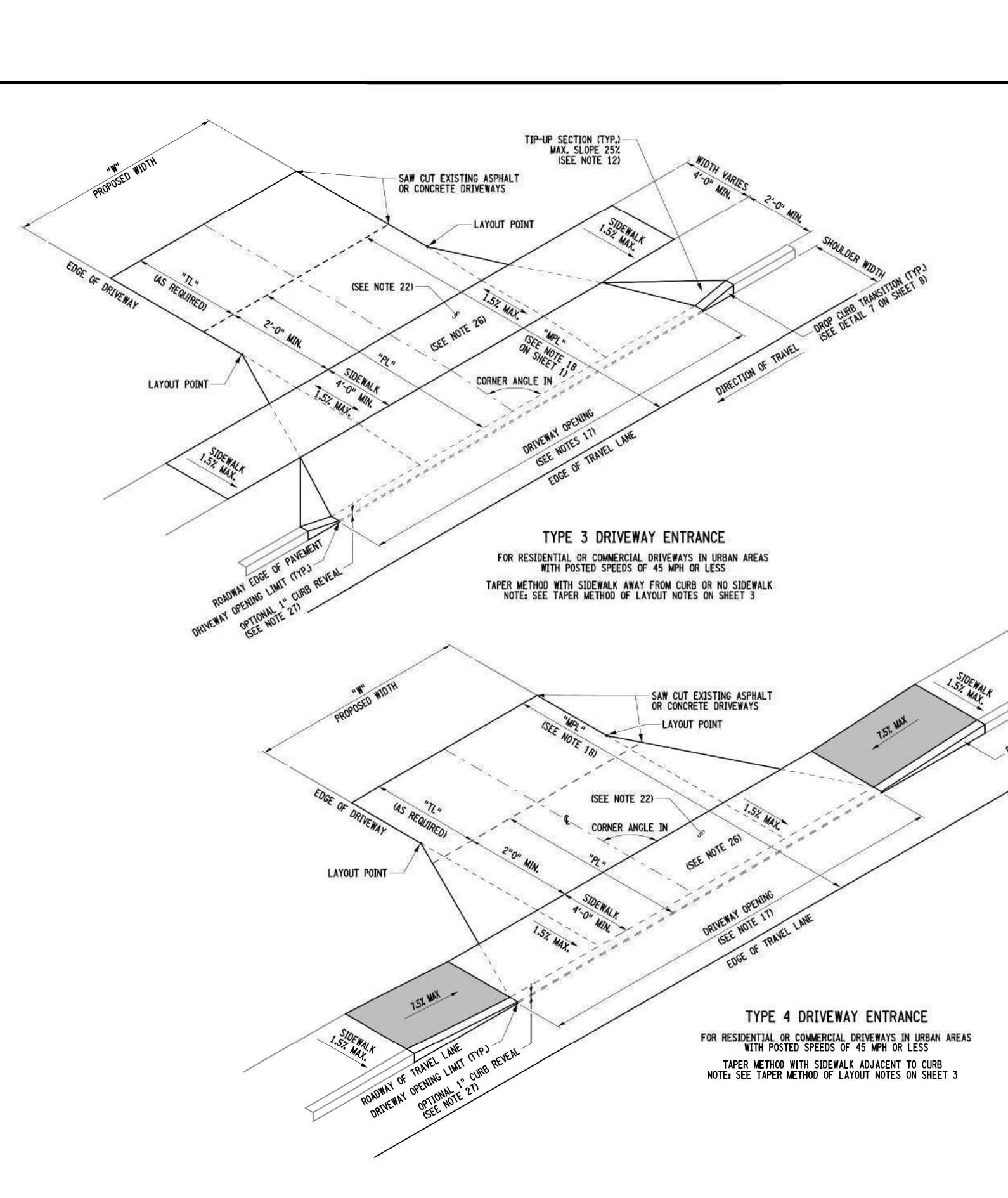
NEW YORK STATE OF OPPORTUNITY **Department of Transportation**
U.S. CUSTOMARY STANDARD SHEET
RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAYS (SHEET 7 OF 9)

APPROVED MARCH 07, 2016
/S/ RICHARD W. LEE, P.E.
DEPUTY CHIEF ENGINEER
DESIGN

ISSUED UNDER EB 16-012
608-03

STANDARD SHEETS, May 01, 2023

FILE NAME: 100-00000-00000-00000
DATE/TIME: 10:44 AM - 05/01/2023
USER: jag



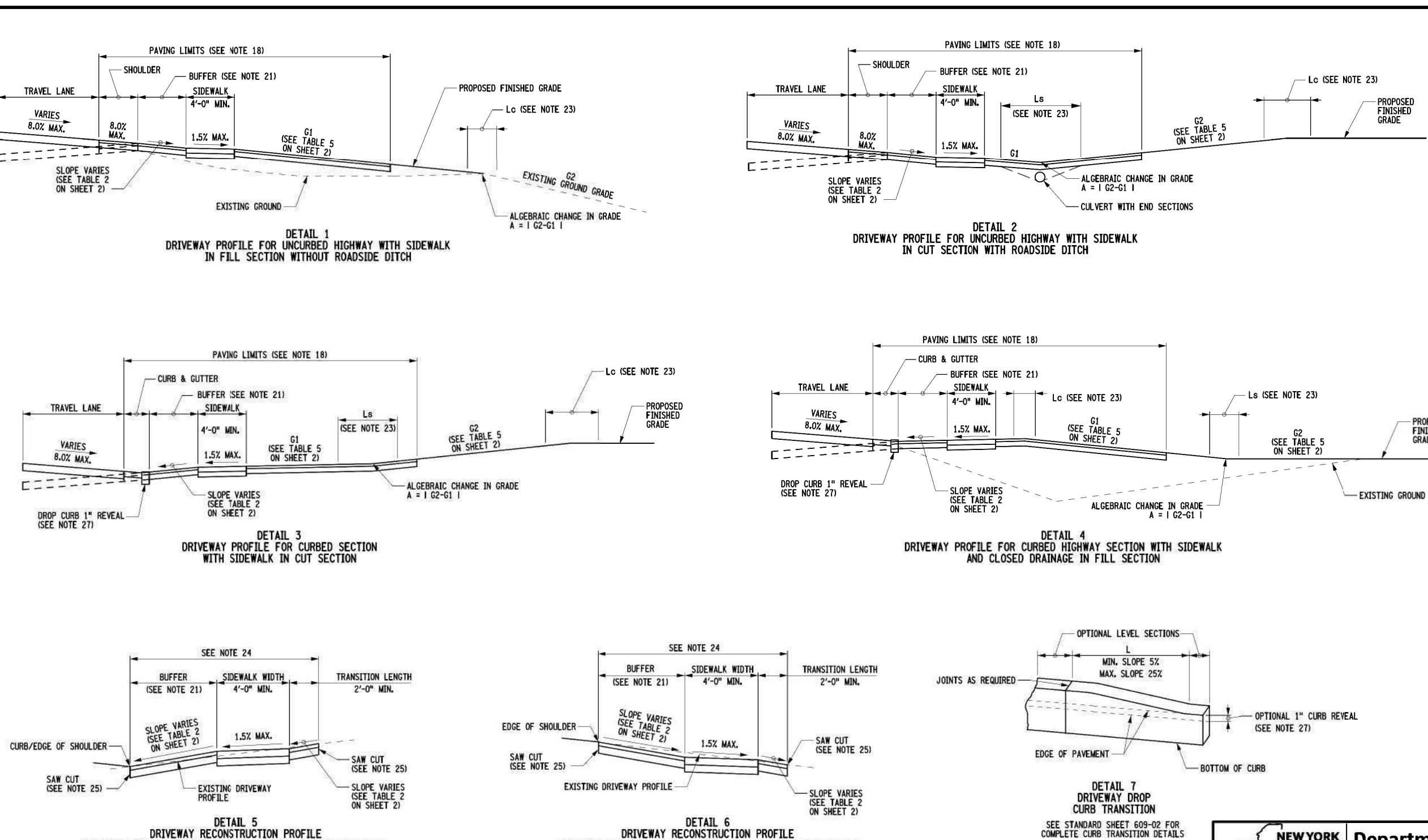
NEW YORK STATE OF OPPORTUNITY **Department of Transportation**
U.S. CUSTOMARY STANDARD SHEET
RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAYS (SHEET 6 OF 9)

APPROVED MARCH 07, 2016
/S/ RICHARD W. LEE, P.E.
DEPUTY CHIEF ENGINEER
DESIGN

ISSUED UNDER EB 16-012
608-03

STANDARD SHEETS, May 01, 2023

FILE NAME: 100-00000-00000-00000
DATE/TIME: 10:44 AM - 05/01/2023
USER: jag



NEW YORK STATE OF OPPORTUNITY **Department of Transportation**
U.S. CUSTOMARY STANDARD SHEET
RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAYS (SHEET 8 OF 9)

APPROVED MARCH 07, 2016
/S/ RICHARD W. LEE, P.E.
DEPUTY CHIEF ENGINEER
DESIGN

ISSUED UNDER EB 16-012
608-03

PROJECT NAME

KEENE, NY

DATE ISSUED FOR REV
10/30/25 DOT PERMIT

DRAWN BY: RRG
CHECKED BY: JAG

PROJECT #: 23-057
ORIGINAL 24" x 36"

TITLE

DOT DETAILS

SHEET

C401



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AYLWARD SUBDIVISION DRIVeway
TOWN OF KEENE, NY

SUBDIVISION D
TOWN OF KEENE, NY

LOCATION

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24" x 36"
TITLE

DOT DETAILS

STANDARD SHEETS, May 01, 2023

NOTE: ALL GENERAL NOTES AND ABBREVIATIONS REFERENCED ON THIS SHEET CAN BE FOUND ON STANDARD SHEET 608-03, SHEET 1 OF 9.

DETAIL 8
TYPICAL DRIVEWAY ENTRANCE
LIMITS OF SHOULDER RECONSTRUCTION

DETAIL 9
TIE-IN TO EXISTING DRIVEWAYS
FOR ASPHALT

SEE NOTE 24
SHOULDER
EDGE OF SHOULDER
SIDWALK WIDTH
TRANSITION LENGTH
SLOPE VARIES (SEE TABLE 2)
1.5% MAX.
SAW CUT (SEE NOTE 25)

**1 1/2" MIN. TOP COURSE ASPHALT (SEE NOTE 16)
2" MIN. BINDER COURSE (SEE NOTE 16)
TACK COAT (SEE NOTE 16)
6" MIN. BASE COURSE (SEE NOTE 16)
12" MIN. SUBBASE COURSE (SEE NOTE 16)**

**SEE TABLE 3 ON SHEET 2
FOR DRIVEWAY MATERIALS AND THICKNESS**

DETAIL 10
SHOULDER AND DRIVEWAY RECONSTRUCTION
PROFILE FOR ASPHALT SHOULDER

SEE NOTE 24
SHOULDER
EDGE OF SHOULDER
SIDWALK WIDTH
TRANSITION LENGTH
SLOPE VARIES (SEE TABLE 2)
1.5% MAX.
SAW CUT (SEE NOTE 25)

**10" MIN. PCC COURSE (SEE NOTE 16)
12" MIN. SUBBASE COURSE (SEE NOTE 16)**

**SEE TABLE 3 ON SHEET 2
FOR DRIVEWAY MATERIALS AND THICKNESS**

DETAIL 11
SHOULDER AND DRIVEWAY RECONSTRUCTION
PROFILE FOR PCC SHOULDER

**NEW YORK
STATE OF
OPPORTUNITY.**

**Department of
Transportation**

U.S. CUSTOMARY STANDARD SHEET

**RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAYS
(SHEET 9 OF 9)**

**APPROVED MARCH 07, 2016
/S/ RICHARD W. LEE, P.E.**

**ISSUED UNDER EB 16-012
DEPUTY CHIEF ENGINEER
(DESIGN)**

**ERRATA 1 EFF. 05/01/2023
ISSUED WITH EB 23-007**

608-03

MAIL NAME = 12345678901234567890
USER = rfoota

STANDARD SHEETS, May 01, 2023

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AYLWARD SUBDIVISION DRIVEWAY
TOWN OF KEENE • NY

PROJECT NAME
KEENE, NY

DATE ISSUED FOR REV
10/30/25 DOT PERMIT

DRAWN BY: RRG
CHECKED BY: JAG
PROJECT #: 23-057
ORIGINAL 24" x 36"
TITLE

DOT DETAILS

SHEET

C403

GENERAL NOTES		LANE WIDTHS		CHANNELIZING DEVICES		WORK ZONE DEFINITIONS		NOTES FOR NIGHTTIME OPERATIONS	
1. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MOTC REFLECT THE MINIMUM REQUIREMENTS.		1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDE DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.		2. A DROPOFF OF GREATER THAN 12 INCHES WITHIN 10 FEET FROM THE EDGE OF THE TRAVELED WAY IS PROHIBITED. A WRITTEN NOTE SHALL BE PROVIDED TO THE ENGINEER IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING LANE. THE WRITTEN NOTE SHALL STATE THE EXACT LOCATION, THE DURATION OF THE WORK, AND THE DURATION OF THE REPAIRS. THE WRITTEN NOTE SHALL BE PROVIDED TO THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.		3. IF THE WORK ZONE AFFECTS A PEDESTRIAN PATHWAY, THE MINIMUM PATHWAY WIDTH OF 5 FEET SHALL BE MAINTAINED UNLESS OTHERWISE AUTHORIZED BY THE DOT ENGINEER.		4. TEMPORARY CYCLE ACCOMMODATIONS SHALL NOT BE LESS THAN CURRENTLY EXISTS UNLESS AUTHORIZED BY THE ENGINEER.	
5. THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO EXECUTE THE CONTRACT DOCUMENTS, THE DURATION OF THE CONTRACT, AND THE NUMBER OF WORKING HOURS SHALL BE PROVIDED IN WRITING TO THE NYSDOT ENGINEER. THE ENGINEER, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.		6. STANDBY SHEET 619-503 MAY BE USED FOR AN OFFICE DETOUR SETUP FOR BOTH LONG TERM AND SHORT TERM WORK DURATIONS.		7. REGIONAL HIGH-VOLUME RESTRICTIONS SHALL BE FOLLOWED. CONSULT WITH DOT ENGINEER IF EXCEPTION NEEDED.		8. TO AVOID CONFLICTING WORK ZONES, CHECK FOR CONSTRUCTION PROJECTS, LOCAL ROAD CONSTRUCTION, AND OTHER STATE, COUNTY, AND LOCAL WORK AREAS.		9. THE WORK ZONE SHALL BE ADVISED OF THE PLANNED WORK DURATION, THE CONTRACT DOCUMENTS, THE INCIDENT FORM, OR THE CONTRACTOR INCIDENT REPORTING SYSTEM AS APPROPRIATE.	
10. CONSIDER CLOSURE WIDTH AND THE ABILITY TO ACCOMMODATE WIDE LOAD VEHICLES BEFORE ESTABLISHING WORK ZONES.		11. THE WORK ZONE AFFECTS AN EXISTING ACCESSIBLE AND DETECTABLE PEDESTRIAN PATH. ACCESSIBILITY AND DETECTABILITY SHALL BE PROVIDED ALONG THE ALTERNATE ROUTE.		12. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY, FOR MULTIPLE ACCESS PROPERTY OWNERS, THE DRIVEWAY SHALL BE RESTRICTED AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.		13. THE PROTECTIVE VEHICLE ENDSHOT INTO THE TRAVELED LANE, OR IF IT REMAINS ENTIRELY ON THE TRAVELED LANE, THE LAST 10 FEET OF THE ENDSHOT SHALL BE EQUIPPED WITH A SPOTTER. THE SPOTTER SHALL BE USED TO BRING A LIGHTER VEHICLE UP TO THE INDICATED WORK ZONE. THE SPOTTER SHALL BE SECURELY ATTACHED TO THE WORKER. CARRIER SAFETY ADMINISTRATION (CSA) CARD SECUREMENT RULES, SUCH THAT:		14. THE SPOTTER SHALL NOT SEPARATE FROM THE VEHICLE UPON IMPACT AND THE SPOTTER SHALL NOT EXCEED THE MANUFACTURE'S GROSS VEHICLE WEIGHT RATING (GVWR).	
15. TRUCK/TRAILER MOUNTED IMPACT ATTENDEES SHALL NOT BE MOUNTED/INSTALLED ON VEHICLES WITH A GROSS WEIGHT GVWR THAT IS LESS THAN WHAT IS NORMALLY REQUIRED BY THE MANUFACTURER.		16. WHEN TWO OR MORE SPOTS ARE ADJACENT, OVERLAP OR ARE IN CLOSE PROXIMITY, THE SPOTTERS SHALL BE POSITIONED AS FAR AS POSSIBLE FROM EACH OTHER. THE SPOTTER IS MAINTAINED THROUGHOUT THE WORK AREA.		17. WHEN A PROTECTIVE VEHICLE IS USED BETWEEN THE WORK VEHICLE (CJEN) OR HAZARD AND THE TRAFFIC IN A MOVING OPERATION IT IS REFERRED TO AS A SHADOW VEHICLE.		18. WHEN A PROTECTIVE VEHICLE IS USED BETWEEN THE WORK VEHICLE (CJEN) OR HAZARD AND THE TRAFFIC IN A STATIONARY OPERATION IT IS REFERRED TO AS A BARRIER VEHICLE.		19. WHEN THE SPOTTER IS USED ON THE SPOTTER, THE SPOTTER SHALL NOT BE MOUNTED ON AN ADVANCED WARNING VEHICLE, WHICH SHALL NOT CONTAIN A SPOTTER MIRROR OR SIDE-VIEW MIRRORS ON THE VEHICLE, OR TRUCK MOUNTED ARROW BOARDS.	
20. IN A MOVING OPERATION OR A STATIONARY OPERATION THAT OCCUPIES A LOCATION FOR UP TO ONE HOUR, THE SPOTTER SHALL BE POSITIONED AS FAR AS POSSIBLE FROM THE WORK VEHICLE AND HEARTEST PROPERTY ADJUSTED, MAINTAIN VEHICLE SPACING, AND KEEP THE SPOTTER IN THE TRAVELED LANE. THE SPOTTER SHALL NOT BE POSITIONED IN THE SPOTTER AND STAY IN LANE IF STUCK. THE PARKING BRAKE SHALL BE SET WHENEVER POSSIBLE. THE SPOTTER RADIO SHOULD BE USED TO COMMUNICATE BETWEEN THE OPERATOR AND THE WORK CEN.		21. IN A STATIONARY OPERATION THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR, ONE OF THE SPOTTERS SHALL BE POSITIONED AS FAR AS POSSIBLE FROM THE WORK VEHICLE. UNOCCUPIED VEHICLES SHALL BE POSITIONED PARALLEL TO TRAFFIC, PARKING BRAKE SET, PARKING BRAKE RELEASED, AND SPOTTER POSITIONED AS FAR AS POSSIBLE FROM THE WORK VEHICLE. THE FRONT WHEELS SHALL BE ALIGNED WITH THE LANE STRIPING AND LANE TO MAINTAIN LANE DISCIPLINE. IT IS STUCK IN LANE 3'S TRUCK.		22. WHEN A PROTECTIVE VEHICLE IS USED AS A CHANNELIZING/HERBICIDE ATTENUATOR, THE SPOTTER SHALL BE POSITIONED AS FAR AS POSSIBLE FROM THE WORK VEHICLE AND THE SPOTTER SHALL NOT EXCEED THE MANUFACTURE'S GROSS VEHICLE WEIGHT GVWR LESS THAN WHAT IS NORMALLY REQUIRED BY THE MANUFACTURER.		23. TOLERANCE IS NOT CUMULATIVE, ABOVE DOES NOT APPLY WHEN ANY RANGE, MAXIMUM OR MINIMUM DIMENSION OR A CONTEXT SPECIFIC TOLERANCE IS SPECIFIED.		24. TOLERANCE IS NOT CUMULATIVE, ABOVE DOES NOT APPLY WHEN ANY RANGE, MAXIMUM OR MINIMUM DIMENSION OR A CONTEXT SPECIFIC TOLERANCE IS SPECIFIED.	
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WARNING: IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER ANY ITEM IN ANY WAY IF ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THE ITEM NUMBER AND "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CODE	DESCRIPTION
A	BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND
B	BLACK LEGEND AND BORDER ON A WHITE BACKGROUND
C	WHITE LEGEND AND BORDER ON A GREEN BACKGROUND
D	WHITE LEGEND AND BORDER ON A RED BACKGROUND
E	RED LEGEND AND BORDER ON A BLACK BACKGROUND
F	BLACK LEGEND AND BORDER ON A FLUORESCENT GREEN BACKGROUND
G	WHITE LEGEND AND BORDER ON A BLUE AND RED BACKGROUND

NOTES:
1. DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT.
2. FOR SIGNAGE NOT SHOWN ON THESE TABLES REFER TO THE MULT.CD.

3. WHEN USED IN COMBINATION WITH A BICYCLE SIGN (W1-1) OR PEDESTRIAN CROSSING (W1-2) COLOR CODE SHALL MATCH.

* A FLUORESCENT YELLOW-GREEN BACKGROUND COLOR SHALL BE USED FOR THIS SIGN PLAQUE.

	Department of Transportation
U.S. CUSTOMARY STANDARD SHEET	
WORK ZONE TRAFFIC CONTROL SIGN TABLE (SHEET 1 OF 3)	
APPROVED DECEMBER 2, 2021	ISSUED UNDER EI 21-028

ERRATA 1, EFF. 05/01/24
ROBERT LIMOGES, P.E.
DIRECTOR, OTSM
619-012

ERRATA 1, EFF. 05/01/24
ROBERT LIMOGES, P.E.
DIRECTOR, OTSM
619-012

AYLWARD SUBDIVISION DRIVEWAY TOWN OF KEENE • NY

PROJECT NAME

LOCATION

DATE ISSUED FOR REV

10/30/25 DOT PERMIT

DRAWN BY: RRG
CHECKED BY: JAG

PROJECT #: 23-057
ORIGINAL 24" x 36"

TITLE

DOT DETAILS

SHEET

C404

WORK ZONE TRAFFIC CONTROL SIGN TABLE					
SIGN	SIGN DESIGNATION	COLOR CODE	NON-FREWAY	EXPRESSWAY	FREWAY
	W1-1P	A	36"X36"	48"X48"	48"X48"
	W1-2	B	48"X30"	48"X30"	48"X30"
	W1-3	B	48"X30"	48"X30"	48"X30"
	W1-4	A	36"X36"	48"X48"	48"X48"
	W1-5	A	36"X36"	48"X48"	48"X48"
	W1-6	A	36"X36"	48"X48"	48"X48"
	W1-7	A	36"X36"	48"X48"	48"X48"
	W1-8	A	36"X36"	48"X48"	48"X48"
	W1-9	A	36"X36"	48"X48"	48"X48"
	W1-10	A	36"X36"	48"X48"	48"X48"
	W1-11	A	36"X36"	48"X48"	48"X48"
	W1-12	A	36"X36"	48"X48"	48"X48"
	W1-13	A	36"X36"	48"X48"	48"X48"
	W1-14	A	36"X36"	48"X48"	48"X48"
	W1-15	A	36"X36"	48"X48"	48"X48"
	W1-16	A	36"X36"	48"X48"	48"X48"
	W1-17	A	36"X36"	48"X48"	48"X48"
	W1-18	A	36"X36"	48"X48"	48"X48"
	W1-19	A	36"X36"	48"X48"	48"X48"
	W1-20	A	36"X36"	48"X48"	48"X48"
	W1-21	A	36"X36"	48"X48"	48"X48"
	W1-22	A	36"X36"	48"X48"	48"X48"
	W1-23	A	36"X36"	48"X48"	48"X48"
	W1-24	A	36"X36"	48"X48"	48"X48"
	W1-25	A	36"X36"	48"X48"	48"X48"
	W1-26	A	36"X36"	48"X48"	48"X48"
	W1-27	A	36"X36"	48"X48"	48"X48"
	W1-28	A	36"X36"	48"X48"	48"X48"
	W1-29	A	36"X36"	48"X48"	48"X48"
	W1-30	A	36"X36"	48"X48"	48"X48"
	W1-31	A	36"X36"	48"X48"	48"X48"
	W1-32	A	36"X36"	48"X48"	48"X48"
	W1-33	A	36"X36"	48"X48"	48"X48"
	W1-34	A	36"X36"	48"X48"	48"X48"
	W1-35	A	36"X36"	48"X48"	48"X48"
	W1-36	A	36"X36"	48"X48"	48"X48"
	W1-37	A	36"X36"	48"X48"	48"X48"
	W1-38	A	36"X36"	48"X48"	48"X48"
	W1-39	A	36"X36"	48"X48"	48"X48"
	W1-40	A	36"X36"	48"X48"	48"X48"
	W1-41	A	36"X36"	48"X48"	48"X48"
	W1-42	A	36"X36"	48"X48"	48"X48"
	W1-43	A	36"X36"	48"X48"	48"X48"
	W1-44	A	36"X36"	48"X48"	48"X48"
	W1-45	A	36"X36"	48"X48"	48"X48"
	W1-46	A	36"X36"	48"X48"	48"X48"
	W1-47	A	36"X36"	48"X48"	48"X48"
	W1-48	A	36"X36"	48"X48"	48"X48"
	W1-49	A	36"X36"	48"X48"	48"X48"
	W1-50	A	36"X36"	48"X48"	48"X48"
	W1-51	A	36"X36"	48"X48"	48"X48"
	W1-52	A	36"X36"	48"X48"	48"X48"
	W1-53	A	36"X36"	48"X48"	48"X48"
	W1-54	A	36"X36"	48"X48"	48"X48"
	W1-55	A	36"X36"	48"X48"	48"X48"
	W1-56	A	36"X36"	48"X48"	48"X48"
	W1-57	A	36"X36"	48"X48"	48"X48"
	W1-58	A	36"X36"	48"X48"	48"X48"
	W1-59	A	36"X36"	48"X48"	48"X48"
	W1-60	A	36"X36"	48"X48"	48"X48"
	W1-61	A	36"X36"	48"X48"	48"X48"
	W1-62	A	36"X36"	48"X48"	48"X48"
	W1-63	A	36"X36"	48"X48"	48"X48"
	W1-64	A	36"X36"	48"X48"	48"X48"
	W1-65	A	36"X36"	48"X48"	48"X48"
	W1-66	A	36"X36"	48"X48"	48"X48"
	W1-67	A	36"X36"	48"X48"	48"X48"
	W1-68	A	36"X36"	48"X48"	48"X48"
	W1-69	A	36"X36"	48"X48"	48"X48"
	W1-70	A	36"X36"	48"X48"	48"X48"
	W1-71	A	36"X36"	48"X48"	48"X48"
	W1-72	A	36"X36"	48"X48"	48"X48"
	W1-73	A	36"X36"	48"X48"	48"X48"
	W1-74	A	36"X36"	48"X48"	48"X48"
	W1-75	A	36"X36"	48"X48"	48"X48"
	W1-76	A	36"X36"	48"X48"	48"X48"
	W1-77	A	36"X36"	48"X48"	48"X48"
	W1-78	A	36"X36"	48"X48"	48"X48"
	W1-79	A	36"X36"	48"X48"	48"X48"
	W1-80	A	36"X36"	48"X48"	48"X48"
	W1-81	A	36"X36"	48"X48"	48"X48"
	W1-82	A	36"X36"	48"X48"	48"X48"
	W1-83	A	36"X36"	48"X48"	48"X48"
	W1-84	A	36"X36"	48"X48"	48"X48"
	W1-85	A	36"X36"	48"X48"	48"X48"
	W1-86	A	36"X36"	48"X48"	48"X48"
	W1-87	A	36"X36"	48"X48"	48"X48"
	W1-88	A	36"X36"	48"X48"</td	



WARNING: IT IS A VIOLATION OF NEW YORK STATE LAW
FOR ANY PERSON UNLESS ACTING UNDER THE
SUPERVISION OF A LICENSED PROFESSIONAL
ENGINEER, TO ALTER ANY ITEM IN ANY WAY IF
ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO
THE DOCUMENT THE NOTATION
"ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND
THE DATE OF ALTERATION, AND A SPECIFIC
DESCRIPTION OF THE ALTERATION.

AYLWARD SUBDIVISION DRIVEWAY
TOWN OF KEENE • NY

PROJECT NAME	KEENE, NY		
LOCATION	KEENE, NY		
DATE ISSUED FOR	10/30/25	REV	DOT PERMIT
DRAWN BY: RRG CHECKED BY: JAG PROJECT #: 23-057 ORIGINAL 24" x 36" TITLE			
DOT DETAILS			
SHEET C405			

TABLE 310-01: PROTECTIVE VEHICLE REQUIREMENTS					
CLOSURE TYPE	ROAD TYPE & SPEED	NON-FREWAY			
		≤ 45 MPH	35 - 40 MPH	≤ 30 MPH	
LANE CLOSURE OR ENCLAVE	WORKERS ON FOOT OR WORK VEHICLE EXPOSED TO TRAFFIC	PWH-TMA	PWH-TMA	PWH	
	-NO WORK ON FOOT -NO WORK VEHICLE -EXPOSED TO TRAFFIC -OTHER WORKERS EXPOSED TO TRAFFIC -IE EQUIPMENT, MATERIALS, EXCAVATION	PWH-TMA	PWL	PWL	SEE NOTE 2
SHOULDER CLOSURE OR ENCLAVE	WORKERS ON FOOT OR WORK VEHICLE EXPOSED TO TRAFFIC	PWH-TMA	PWL	PWL	SEE NOTE 2
LEGEND	PWH = PROTECTIVE VEHICLE LIGHT (MINIMUM GROSS WEIGHT 1500 LBS. OR GREATER SEE NOTE 4) PWL = PROTECTIVE VEHICLE LIGHT (MINIMUM GROSS WEIGHT 22,000 LBS. OR GREATER) TMA = TRUCK/TRAILER MOUNTED IMPACT ATTENUATOR	NOTE 4 1. THE EXPOSURE CONDITIONS ASSUME THERE IS NO POSITIVE PROTECTION PRESENT. 2. EITHER A PROTECTIVE LIGHT (PWH) OR THE STANDARD BUFFER SPACE SEE TABLE 01-03 SHALL BE PROVIDED. 3. TRUCK/TRAILER MOUNTED IMPACT ATTENUATORS (TMA) SHALL NOT BE MOUNTED/INSTALLED ON THE GROSS VEHICLE WEIGHT LESS THAN WHAT IS MOUNTED/INSTALLED REQUIRED BY THE MANUFACTURER OF THE TMA. 4. THE USE OF A PROTECTIVE VEHICLE LIGHT (PWL) AS A SHADOW VEHICLE IS LIMITED TO THE SPEED LIMITS AS SHOWN IN THE TABLE UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.			

TABLE 310-02: ROLL AHEAD DISTANCE FOR PROTECTIVE VEHICLES			
PRECONSTRUCTION POSTED SPEED LIMIT MPH	ROLL AHEAD DISTANCE (FT) * OF SKIP LINES FOR VEHICLES		
	STATIONARY OPERATION	PROTECTIVE VEHICLES WEIGHING 9,500 TO 21,399 LBS. GVW	PROTECTIVE VEHICLES WEIGHING 22,000 LBS. OR GREATER GVW
≤ 60	200/5	160/4	
60 - 75	160/4	120/3	
≤ 40	120/3	80/2	

TABLE 310-03: ADVANCE WARNING SIGN SPACING			
ROAD TYPE	DISTANCE BETWEEN SIGNS (FT) * SIGN LEGEND		
	A #FTJ	B #FTJ	C #FT
URBAN (≤ 30 MPH)	200	200	AHEAD AHEAD
URBAN (35-40 MPH)	350	350	1000 FT AHEAD
URBAN (45 MPH)	500	500	1000 FT
RURAL			
	* PRECONSTRUCTION POSTED SPEED LIMIT		

TABLE 310-04: LONGITUDINAL BUFFER SPACE AND TAPER LENGTHS										
PRECONSTRUCTION POSTED SPEED LIMIT MPH	LONGITUDINAL BUFFER SPACE DISTANCE FT * OF SKIP LINES	TAPER LENGTH (FT) * OF SKIP LINES/ * OF CHANNELIZING DEVICES								SHOULDER TAPER LENGTH (FT) * OF SKIP LINES/ * OF CHANNELIZING DEVICES
		LATERAL SHIFT OF TRAFFIC FLOW PATH (FT)								
25	155 / 4	120/3/4	120/3/4	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2
30	200 / 5	160/4/5	200/5/6	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2
35	250 / 6	200/5/6	240/6/7	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2
40	305 / 8	280/7/8	320/8/9	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2
45	360 / 9	440/11/12	520/13/14	560/14/15	80/2/3	80/2/3	120/3/4	120/3/4	120/3/4	160/4/5
50	425 / 11	520/13/14	600/14/15	600/15/16	80/2/3	120/3/4	160/4/5	160/4/5	160/4/5	200/5/6
55	495 / 13	560/14/15	600/15/16	680/17/18	80/2/3	120/3/4	160/4/5	160/4/5	160/4/5	200/5/6

TABLE 310-05: REQUIRED SIGN SIZES*		
SDIN	NON-FREWAY	FREWAY
G20-1	36x18	48x24
G20-2	36x18	48x24
W1-3a	24x18	36x30
W8-23	36x36	48x48
W20-1	36x36	48x48
WARNING FLAG	18x18	18x18

*FREWAY SIZES MAY BE USED ON NON-FREWAY, IF SPACE
CONSTRAINTS DO NOT EXIST.

NEW YORK STATE OF CITY OF County of	Department of Transportation
U.S. CUSTOMARY STANDARD SHEET	
WORK ZONE TRAFFIC CONTROL	
NON-FREWAY	
SHOULDER BUFFER	
SHORT TERM OPERATION	
SHEET 2 OF 2)	
APPROVED DECEMBER 2, 2021 Robert Limoges ROBERT LIMOGES, P.E. DIRECTOR, DTW	ISSUED UNDER EI 21-028 619-310