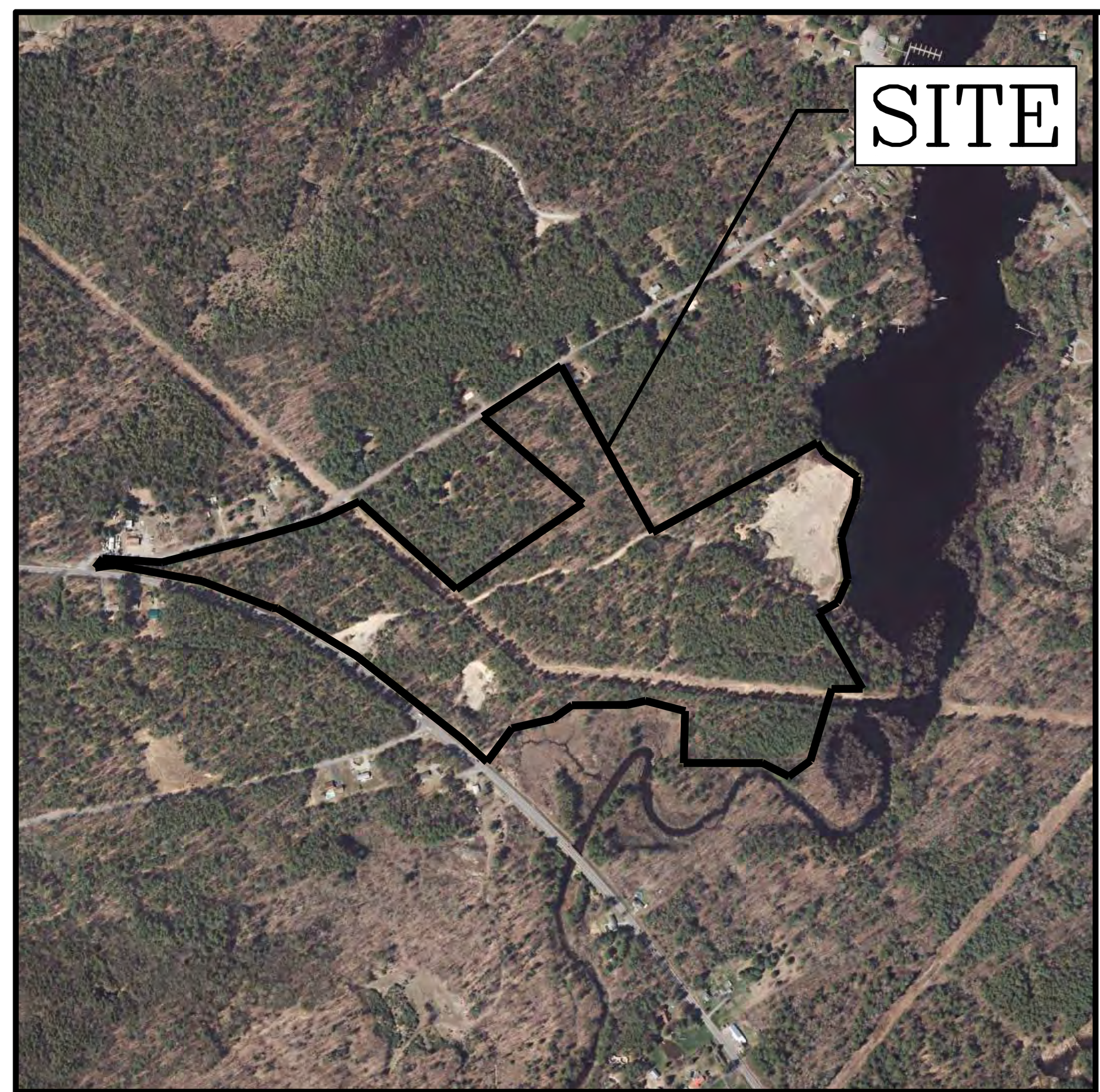
RV PARK FOR

WOODS HOLLOW CAMPGROUND

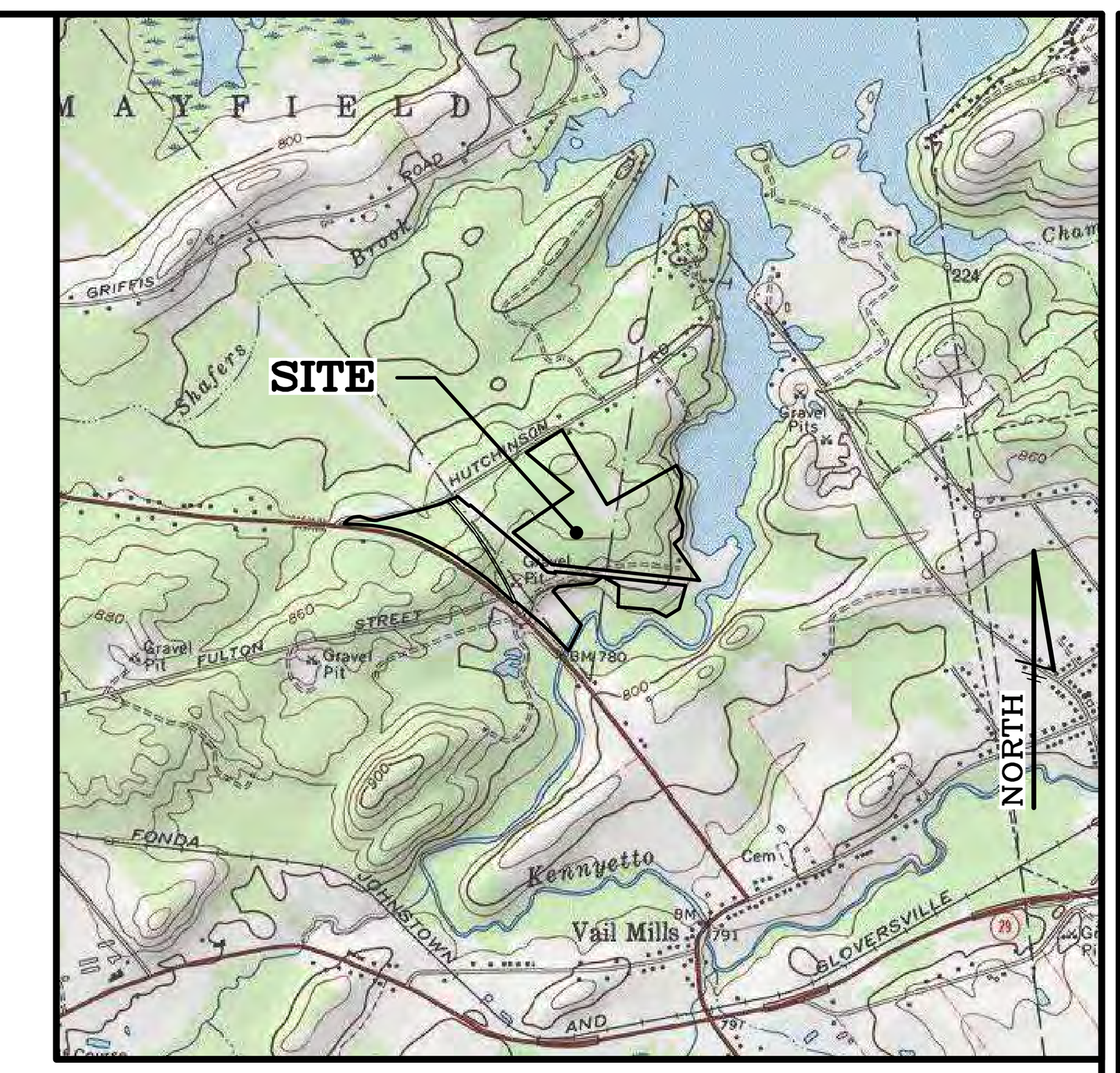
APPLICANT/OWNER:

WOODS HOLLOW MINING CO

WOODS HOLLOW ROAD
TOWN OF MAYFIELD, FULTON COUNTY, NEW YORK



SITE LOCATION MAP
SCALE: 1" = 800'



SITE LOCATION MAP
SCALE: 1" = 2,000'

SITE STATISTICS

EXISTING ZONING	COMMERICAL
PARCEL AREA	82.0± ACRES
PARCEL NUMBERS	137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
MAXIMUM BUILDING HEIGHT	35 FT
PROPOSED USE	CAMPGROUND
PROPOSED NUMBER OF RV-CAMPING LOTS:	
RV SITES	213
GLAMPING	32
TENTS	19
PRIMITIVE	13
TOTAL PROPOSED NUMBER OF LOTS	277
MAXIMUM ALLOWABLE DENSITY	12 RV LOTS PER GROSS AREA (800+ RV LOTS)
PROPOSED DENSITY	2.6 RV LOTS PER GROSS AREA
RV LOT MIN AREA	2,500 SF
RV LOT MIN. DIMENSIONS	30 FT
REQUIRED SETBACKS	
FROM ADJACENT RV	20 FT
PROPERTY LINE	50 FT
PUBLIC R.O.W.	50 FT
EDGE OF ROAD (WITHIN PARK)	10 FT
HUDSON RIVER-BLACK RIVER REGULATING DISTRICT (HRBRRD)	5 FT
RV STAND	AS REQUIRED FOR ANTICIPATED LOADS
ACCESSIBILITY	2 POINTS OF ACCESS REQUIRED FOR 16+ RV LOTS
STREETS	
ONE WAY	18 FT ROADBED
TWO WAY	28 FT ROADBED
DRIVEWAY	9 FT MIN WIDTH
PARKING	1 OFF-STREET SPACE PER RV LOT
OPEN SPACE REQUIRED	10% OF GROSS LAND AREA OF THE PARK
OPEN SPACE PROPOSED	12% OF GROSS LAND AREA OF THE PARK
WATER	ON-SITE (WELL)
SANITARY	ON-SITE (SEPTIC)
STORMWATER MANAGEMENT	ONSITE

SHEET INDEX

Adirondack Park Agency
FINAL
P2022-0008

Adirondack Park Agency
RECEIVED
Date:October 31, 2022

RECORD OF SUBMITTALS	DATE	BY

PLANS PREPARED BY :

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621
edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

THE ALTERATION OF THESE DOCUMENTS IN ANY WAY, UNLESS DONE UNDER THE DIRECT SUPERVISION OF A COMPARABLE PROFESSIONAL, (I.E.) ENGINEER FOR AN ENGINEER, LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT OR SURVEYOR FOR A SURVEYOR, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

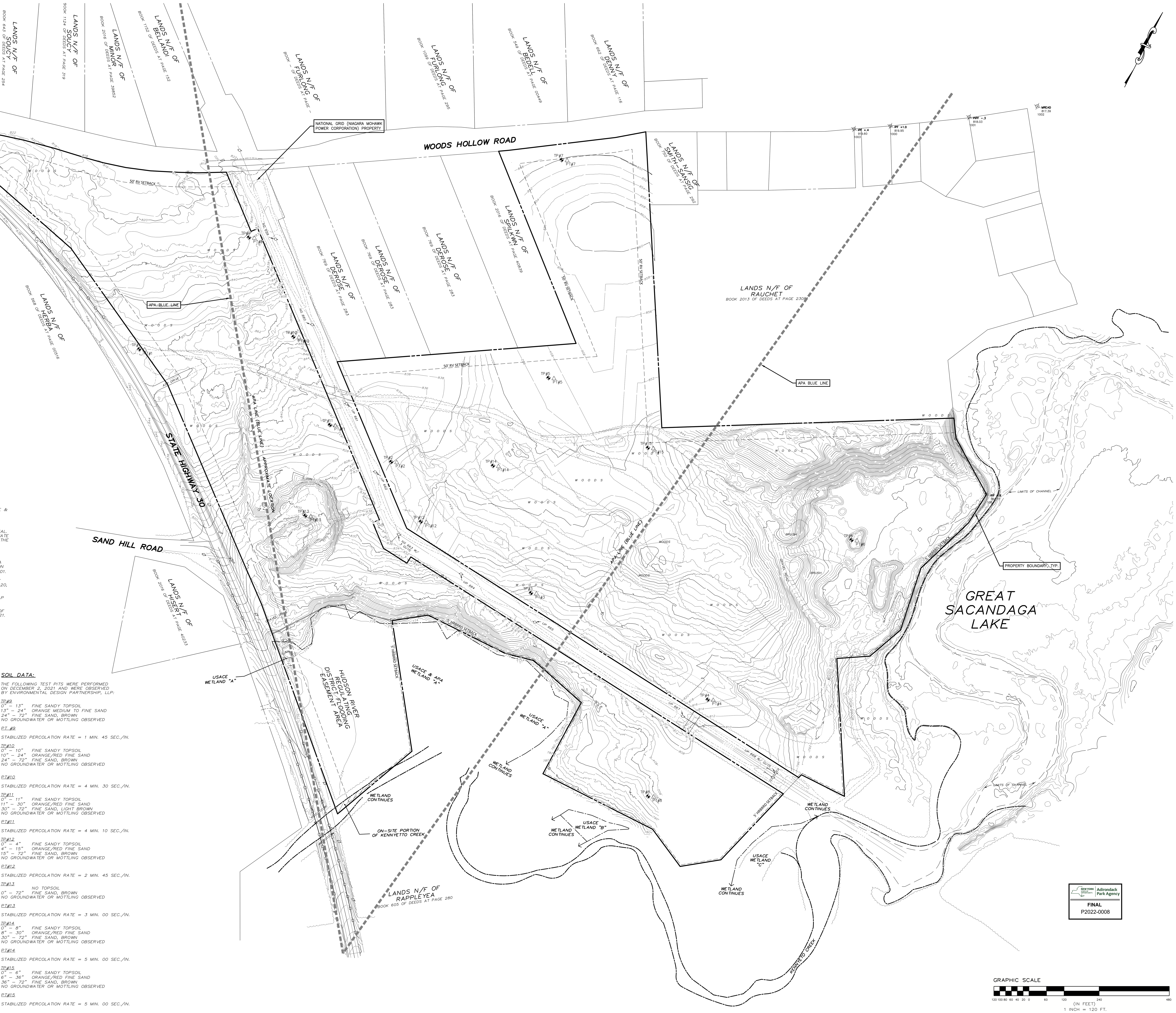
REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: AS NOTED

NOT FOR CONSTRUCTION

SHEET TITLE: COVER SHEET

SHEET:



REFERENCE NOTES:

1) SITE PLANS ARE BASED ON A PROPERTY BOUNDARY MAP PREPARED BY FERGUSON & FOSS PROFESSIONAL LAND SURVEYORS, PC; TITLED, "SURVEY MAP OF LANDS OF LANE & JAMIE WINNEY, TOWN OF MAYFIELD, COUNTY OF FULTON, STATE OF NEW YORK"; DATED JUNE 30, 2021.
   A. THE SURVEY WAS PERFORMED WITHOUT BENEFIT OF AN ABSTRACT OF THE TITLE AND IS SUBJECT TO ANY STATEMENT OF FACT AN ABSTRACT OF TITLE MAY REVEAL.
   B. EXCEPTING ANY RIGHT TITLE OR INTEREST THAT THE STATE OF NEW YORK OR COUNTY OF FULTON MAY RETAIN TO THE ORIGINAL STATE ROAD RIGHT OF WAY.

2) THE ADIRONDACK PARK BOUNDARY LINE OR ADIRONDACK PARK AGENCY (APA) BLUELINE IS PLOTTED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP, FROM NYS APA BOUNDARY LINE DATA, PUBLISHED 2018. LEGAL DESCRIPTION FOUND IN NYS ENVIRONMENTAL CONSERVATION LAW §9-0101.

3) TOPOGRAPHIC INFORMATION SHOWN HEREON IS THE RESULT OF AERIAL IMAGERY AND LIDAR DATA RECORDED ON JULY 20, 2022. PHOTOGRAMMETRIC ANALYSIS AND ANALYTICAL TRIANGULATION COMPLETED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP. ALL MAPPING WITHIN THE NATIONAL MAP ACCURACY STANDARDS AS PUBLISHED BY U.S.G.S.

4) WETLAND BOUNDARIES DELINEATED BY MELANIE MUSARRA OF ENVIRONMENTAL DESIGN PARTNERSHIP, LLP IN JULY OF 2021.

SOIL DATA:

THE FOLLOWING TEST PITS WERE PERFORMED ON JUNE 25, 2021 AND WERE OBSERVED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP:

TP#1
0" – 48" CLEAN BROWN FINE SAND
NO EVIDENCE OF MOTTLES OR SEASONAL WATER TABLE

TP#2
0" – 48" CLEAN BROWN FINE SAND
NO EVIDENCE OF MOTTLES OR SEASONAL WATER TABLE

TP#3
0" – 6" FINE SANDY TOPSOIL/FOREST DUFF
6" – 48" LIGHT BROWN SAND, SOME SILT WITH DEPTH
NO EVIDENCE OF MOTTLES OR SEASONAL WATER TABLE

TP#4
0" – 7" BROWN SANDY TOPSOIL
7" – 18" RED BROWN FINE SAND
18" – 48" LIGHT BROWN FINE SAND, SOME ROCKS 3–4"
NO EVIDENCE OF MOTTLES OR SEASONAL WATER TABLE

TP#5
0" – 10" BROWN SANDY TOPSOIL/FOREST DUFF
10" – 15" RED BROWN FINE SAND
15" – 48" LIGHT BROWN FINE SAND, SOME ROCKS 3–4"
NO EVIDENCE OF MOTTLES OR SEASONAL WATER TABLE

TP#6
0" – 8" LIGHT BROWN SAND WITH ROCK
8" BOTTOM OF MINE FLOOR
NO EVIDENCE OF MOTTLES OR SEASONAL WATER TABLE

THE FOLLOWING TEST PITS WERE PERFORMED ON MAY 28, 2021 AND WERE OBSERVED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP:

TP#7
0" – 8" BROWN SANDY TOPSOIL/FOREST DUFF
8" – 20" LIGHT BROWN FINE SAND
20" – 48" DARK BROWN FINE SAND
NO EVIDENCE OF MOTTLES OR SEASONAL WATER TABLE

TP#8
0" – 8" BROWN SANDY TOPSOIL/FOREST DUFF
8" – 22" RED BROWN FINE SAND
22" – 48" DARK BROWN FINE SAND
NO EVIDENCE OF MOTTLES OR SEASONAL WATER TABLE

PT#1

STABILIZED PERCOLATION RATE= 1.0 MIN./IN.

PT#2

STABILIZED PERCOLATION RATE= 1 MIN 10 SEC./IN.

PT#3

STABILIZED PERCOLATION RATE= 3 MIN 50 SEC./IN.

PT#4

STABILIZED PERCOLATION RATE= 1 MIN 5 SEC./IN.

PT#5

STABILIZED PERCOLATION RATE= 1 MIN 15 SEC./IN.

PT#6

STABILIZED PERCOLATION RATE= 1 MIN 5 SEC./IN.

PT#7

STABILIZED PERCOLATION RATE= 1 MIN 30 SEC./IN.

PT#8

STABILIZED PERCOLATION RATE= 1 MIN 30 SEC./IN.

SOIL DATA:

THE FOLLOWING TEST PITS WERE PERFORMED ON DECEMBER 2, 2021 AND WERE OBSERVED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP:

TP#9
0" – 13" FINE SANDY TOPSOIL
13" – 24" ORANGE MEDIUM TO FINE SAND
24" – 72" FINE SAND, BROWN
NO GROUNDWATER OR MOTTLING OBSERVED

PT #9

STABILIZED PERCOLATION RATE = 1 MIN. 45 SEC./IN.

TP#10
0" – 10" FINE SANDY TOPSOIL
10" – 24" ORANGE/RED FINE SAND
24" – 72" FINE SAND, BROWN
NO GROUNDWATER OR MOTTLING OBSERVED

PT#10

STABILIZED PERCOLATION RATE = 4 MIN. 30 SEC./IN.

TP#11
0" – 11" FINE SANDY TOPSOIL
11" – 30" ORANGE/RED FINE SAND
30" – 72" FINE SAND, LIGHT BROWN
NO GROUNDWATER OR MOTTLING OBSERVED

PT#11

STABILIZED PERCOLATION RATE = 4 MIN. 10 SEC./IN.

TP#12
0" – 4" FINE SANDY TOPSOIL
4" – 15" ORANGE/RED FINE SAND
15" – 72" FINE SAND, BROWN
NO GROUNDWATER OR MOTTLING OBSERVED

PT#12

STABILIZED PERCOLATION RATE = 2 MIN. 45 SEC./IN.

TP#13
NO TOPSOIL
0" – 72" FINE SAND, BROWN
NO GROUNDWATER OR MOTTLING OBSERVED

PT#13

STABILIZED PERCOLATION RATE = 3 MIN. 00 SEC./IN.

TP#14
0" – 8" FINE SANDY TOPSOIL
8" – 30" ORANGE/RED FINE SAND
30" – 72" FINE SAND, BROWN
NO GROUNDWATER OR MOTTLING OBSERVED

PT#14

STABILIZED PERCOLATION RATE = 5 MIN. 00 SEC./IN.

TP#15
0" – 6" FINE SANDY TOPSOIL
6" – 36" ORANGE/RED FINE SAND
36" – 72" FINE SAND, BROWN
NO GROUNDWATER OR MOTTLING OBSERVED

PT#15

STABILIZED PERCOLATION RATE = 5 MIN. 00 SEC./IN.

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621
edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR WOODS HOLLOW CAMPGROUND

WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

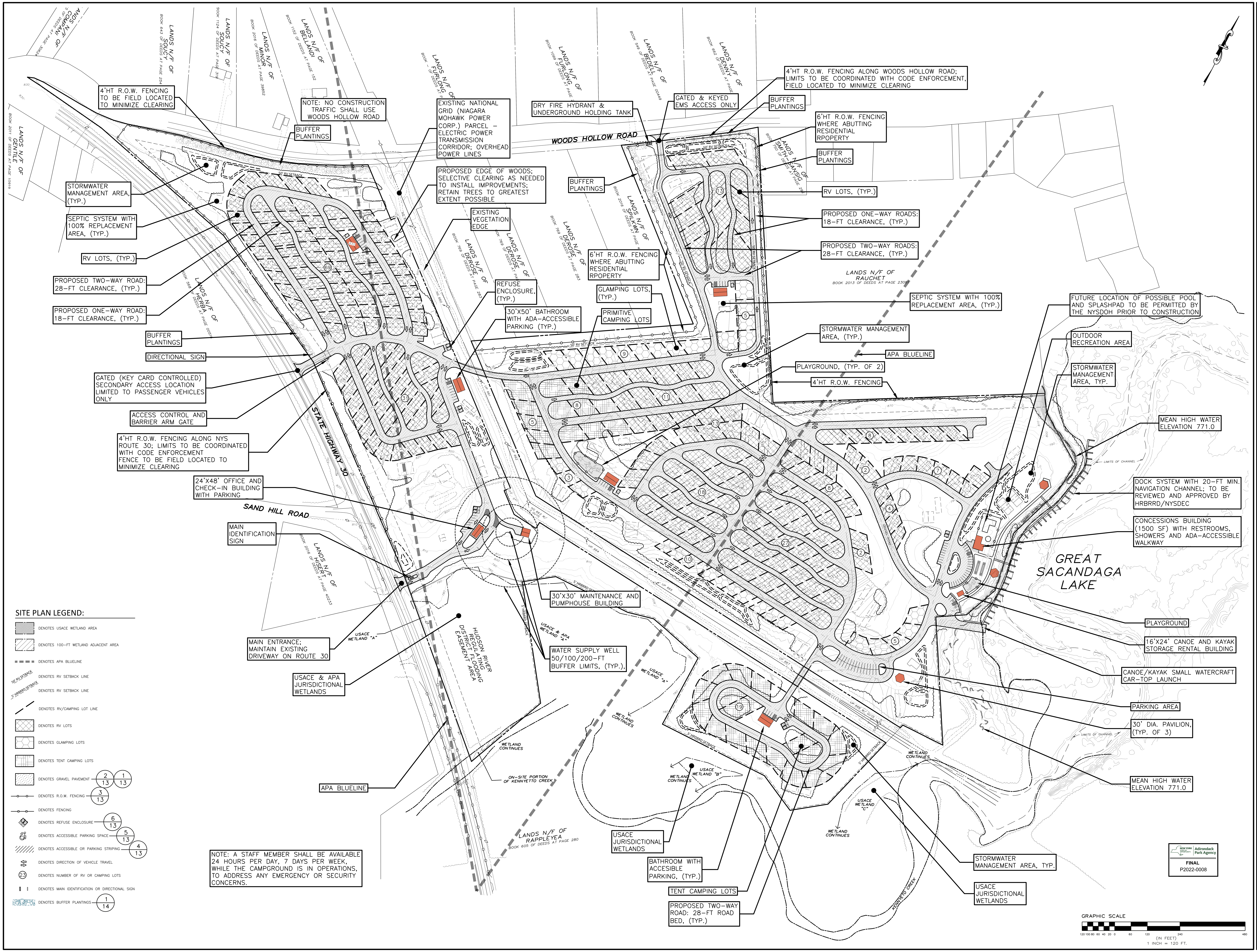
DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: 1" = 120'

NOT FOR CONSTRUCTION

SHEET TITLE: EXISTING CONDITIONS



ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

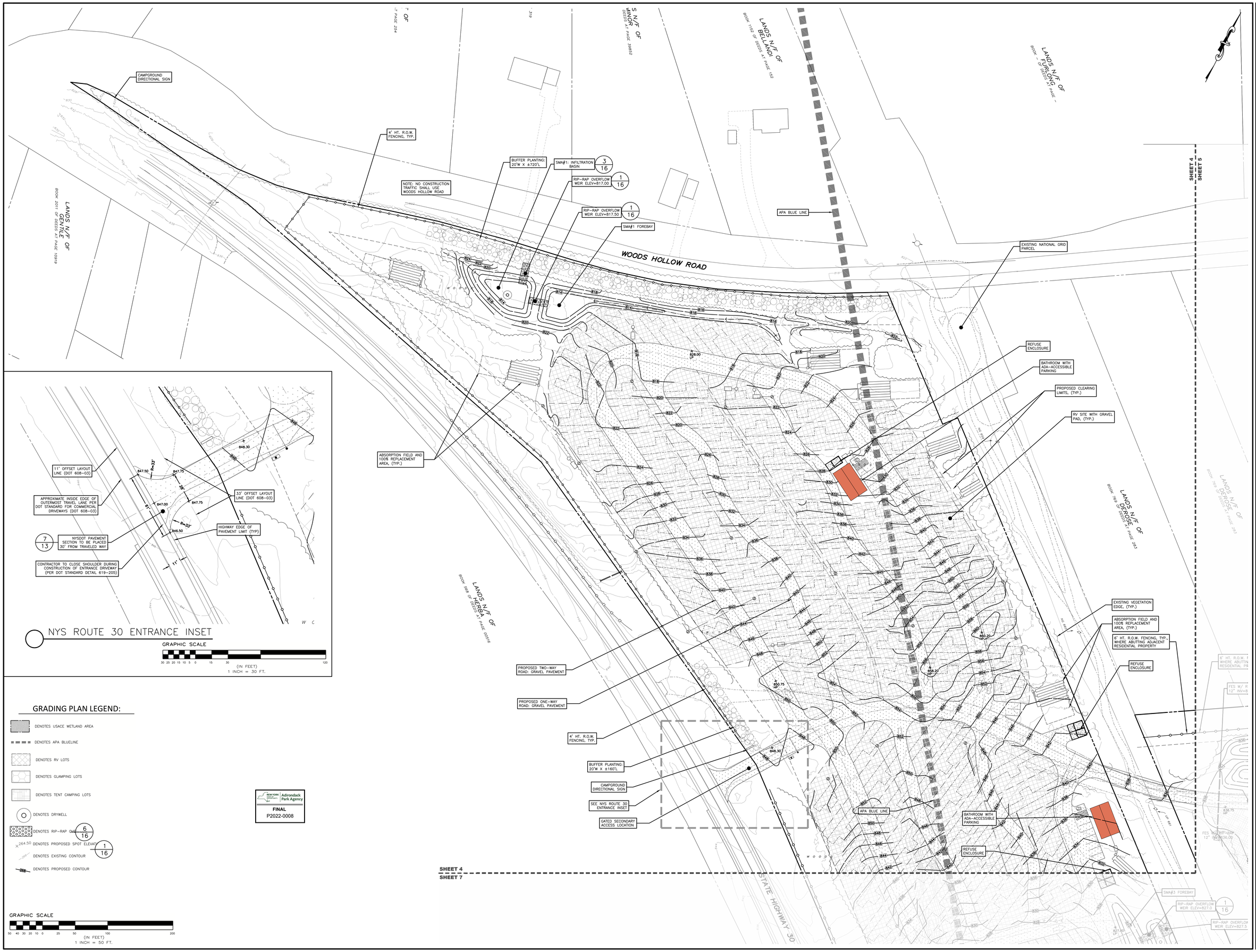
WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: 1" = 120'

NOT FOR CONSTRUCTION

SHEET TITLE: OVERALL SITE PLAN



GRADING PLAN LEGEND:

- DENOTES USACE WETLAND AREA
- DENOTES APA BLUELINE
- DENOTES RV LOTS
- DENOTES GLAMPING LOTS
- DENOTES TENT CAMPING LOTS
- DENOTES DRYWELL
- DENOTES RIP-RAP OUTLET 6/16
- 264.50 DENOTES PROPOSED SPOT ELEVATION 1/16
- DENOTES EXISTING CONTOUR
- DENOTES PROPOSED CONTOUR

GRAPHIC SCALE

50 40 30 20 10 0 25 50 100 200

(IN FEET)
1 INCH = 50 FT.

NEW YORK STATE OF OPPORTUNITY. Adirondack Park Agency

FINAL
P2022-0008

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7421
edpllp.com

RV PARK FOR WOODS HOLLOW CAMPGROUND

WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

TAX MAP No. 137.-4-51, 137.-4-52,
137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

DRAWN BY		STK
CHECKED BY		TJM
EDP PROJECT NUMBER		148270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/31/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

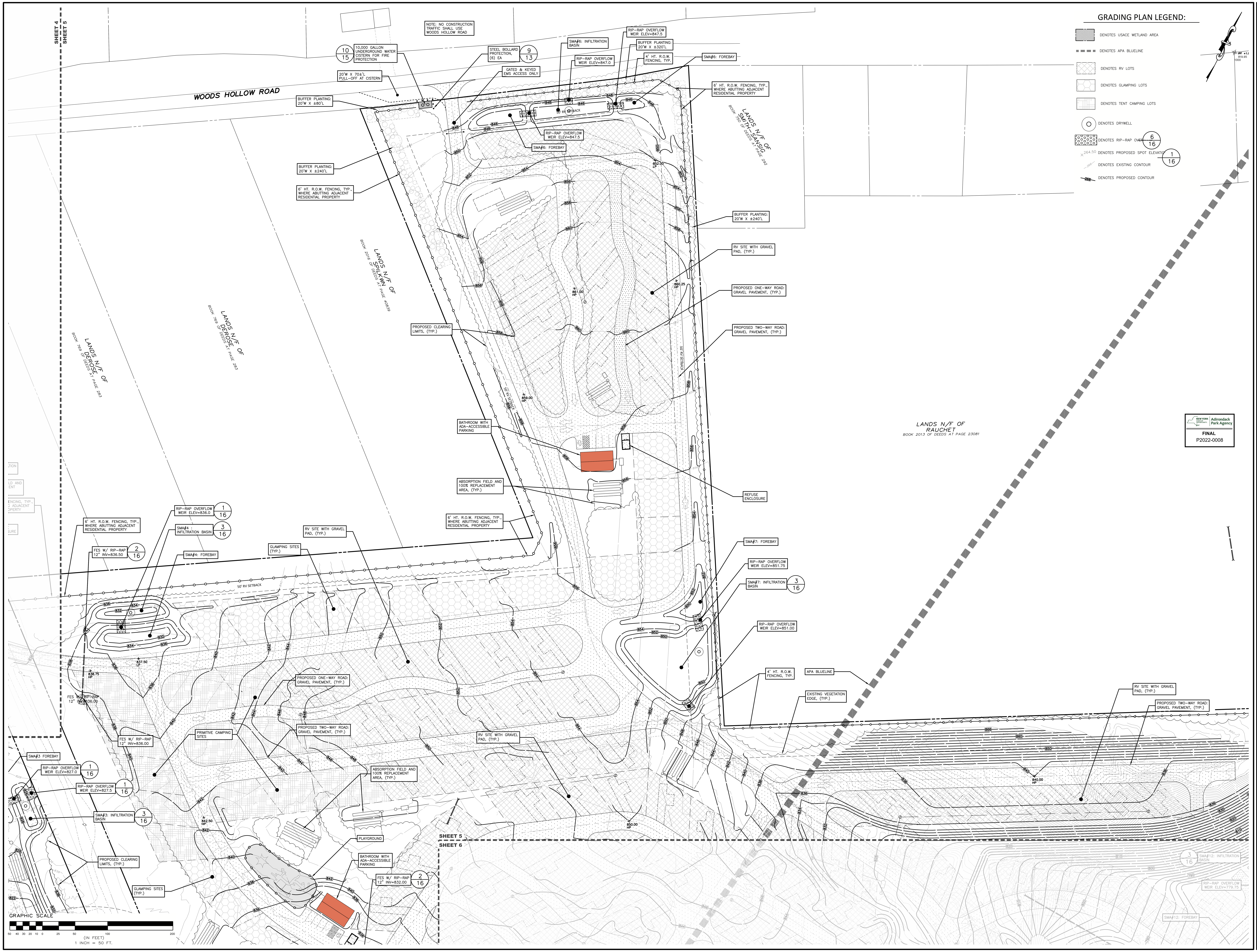
SCALE:
1" = 50'

NOT FOR CONSTRUCTION

SHEET TITLE:
GRADING AND DRAINAGE PLAN

SHEET:
4 of 19

D:\FILTDN\MAYFIELD\Woods Hollow Road\179 - Kimmey\05-dwg\Detailed Plans\SHEETS\06_GPLN-Woods Hollow Rd.dwg Sep 28, 2022 09:43:00AM


GRADING PLAN LEGEND:
DENOTES USACE WETLAND AREA
DENOTES APA BLUELINE
DENOTES RV LOTS
DENOTES GLAMPING LOTS
DENOTES TENT CAMPING LOTS
DENOTES DRYWELL
DENOTES RIP-RAP OVERFLOW
DENOTES PROPOSED SPOT ELEVATION
DENOTES EXISTING CONTOUR
DENOTES PROPOSED CONTOUR
WOODS HOLLOW ROAD
NOTE: NO CONSTRUCTION TRAFFIC SHALL USE WOODS HOLLOW ROAD
10,000 GALLON UNDERGROUND WATER CISTERN FOR FIRE PROTECTION
20'W X 70±'L PULL-OFF AT CISTERN
STEEL BOLLARD PROTECTION, (6) EA
GATED & KEYED EMS ACCESS ONLY
SMA#6: INFILTRATION BASIN
RIP-RAP OVERFLOW WEIR ELEV=847.5
BUFFER PLANTING: 20'W X ±320'L
4' HT. R.O.W. FENCING, TYP.
RIP-RAP OVERFLOW WEIR ELEV=847.0
SMA#6: FOREBAY
6' HT. R.O.W. FENCING, TYP., WHERE ABUTTING ADJACENT RESIDENTIAL PROPERTY
BUFFER PLANTING: 20'W X ±80'L
BUFFER PLANTING: 20'W X ±240'L
LANDS N/F OF SMITH-SANSIG
LANDS N/F OF SPILKWN
LANDS N/F OF DEROSE
LANDS N/F OF RAUCHET
BOOK 2013 OF DEEDS AT PAGE 23081
RV SITE WITH GRAVEL PAD, (TYP.)
PROPOSED ONE-WAY ROAD: GRAVEL PAVEMENT, (TYP.)
PROPOSED TWO-WAY ROAD: GRAVEL PAVEMENT, (TYP.)
PROPOSED CLEARING LIMITS, (TYP.)
BATHROOM WITH ADA-ACCESSIBLE PARKING
REFUSE ENCLOSURE
ABSORPTION FIELD AND 100% REPLACEMENT AREA, (TYP.)
RIP-RAP OVERFLOW WEIR ELEV=836.0
SMA#4 INFILTRATION BASIN
SMA#4: FOREBAY
FES W/ RIP-RAP 12" INV=836.50
GLAMPING SITES (TYP.)
SMA#7: FOREBAY
RIP-RAP OVERFLOW WEIR ELEV=851.75
SMA#7: INFILTRATION BASIN
RIP-RAP OVERFLOW WEIR ELEV=851.00
APA BLUELINE
EXISTING VEGETATION EDGE, (TYP.)
FES W/ RIP-RAP 12" INV=836.00
PRIMITIVE CAMPING SITES
SMA#3 FOREBAY
RIP-RAP OVERFLOW WEIR ELEV=827.0
RIP-RAP OVERFLOW WEIR ELEV=827.5
SMA#3: INFILTRATION BASIN
PLAYGROUND
FES W/ RIP-RAP 12" INV=832.00
50' RV SETBACK
SHEET 4
SHEET 5
SHEET 6
FINAL
P2022-0008
Adirondack Park Agency
GRAPHIC SCALE
(IN FEET)
1 INCH = 50 FT.

EDP
ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621
edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

THE ALTERATION OF THESE DOCUMENTS IN ANY WAY, UNLESS DONE UNDER THE DIRECT SUPERVISION OF A COMPARABLE PROFESSIONAL, (I.E.) ENGINEER FOR AN ENGINEER, LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT OR SURVEYOR FOR A SURVEYOR, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

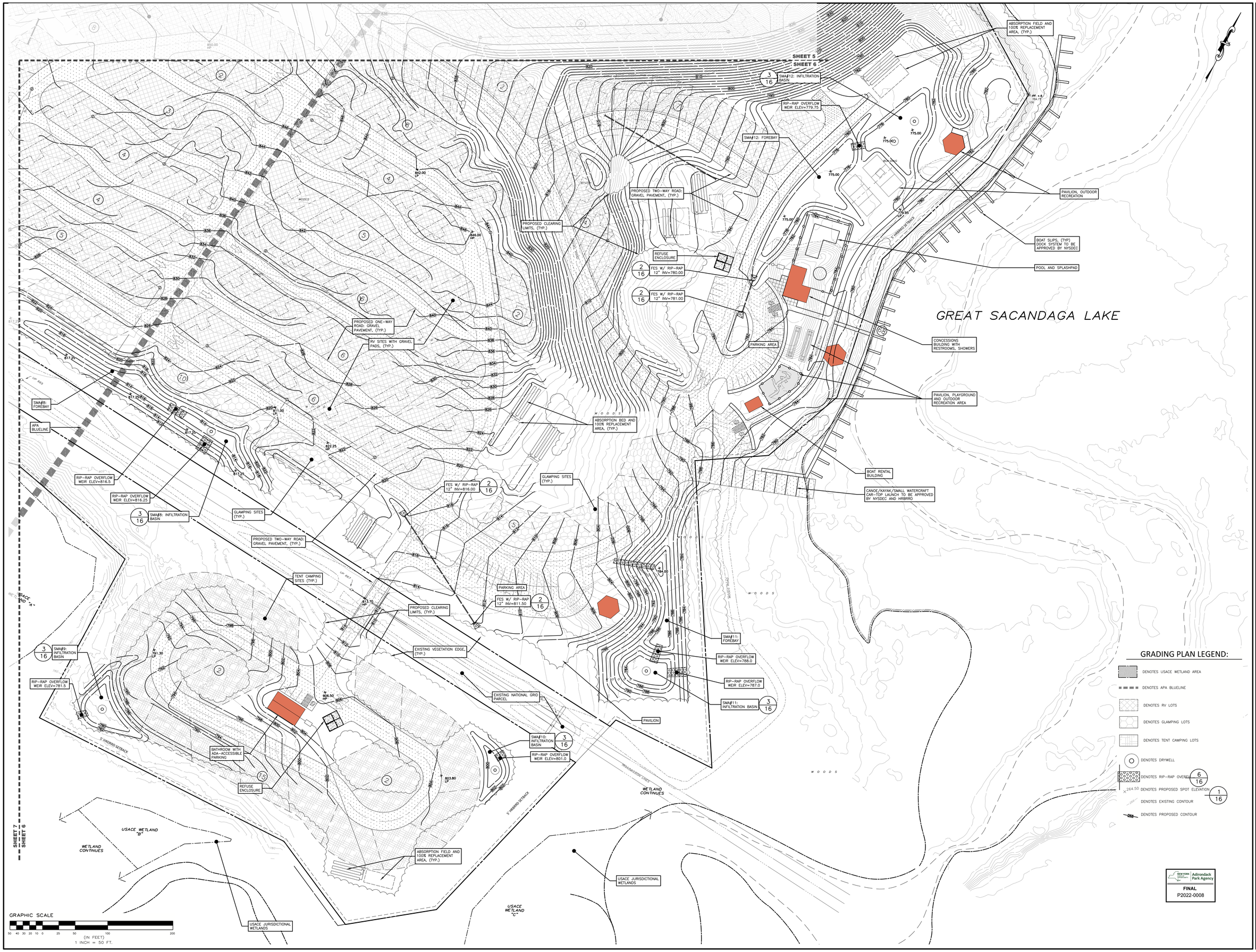
SCALE: 1" = 50'

NOT FOR CONSTRUCTION

SHEET TITLE: GRADING AND DRAINAGE PLAN

SHEET: 5 of 19

Q:\FULTON\MAYFIELD\Woods Hollow Road\170 - Winney\05-dwg\Detailed Plans\SHEETS\06_GPLN-Woods Hollow Rd.dwg Sep 28, 2022 09:43:04AM,



ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7421
edpllp.com

RV PARK FOR WOODS HOLLOW CAMPGROUND

WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

DRAWN BY	STK
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	8/16/22	TJM

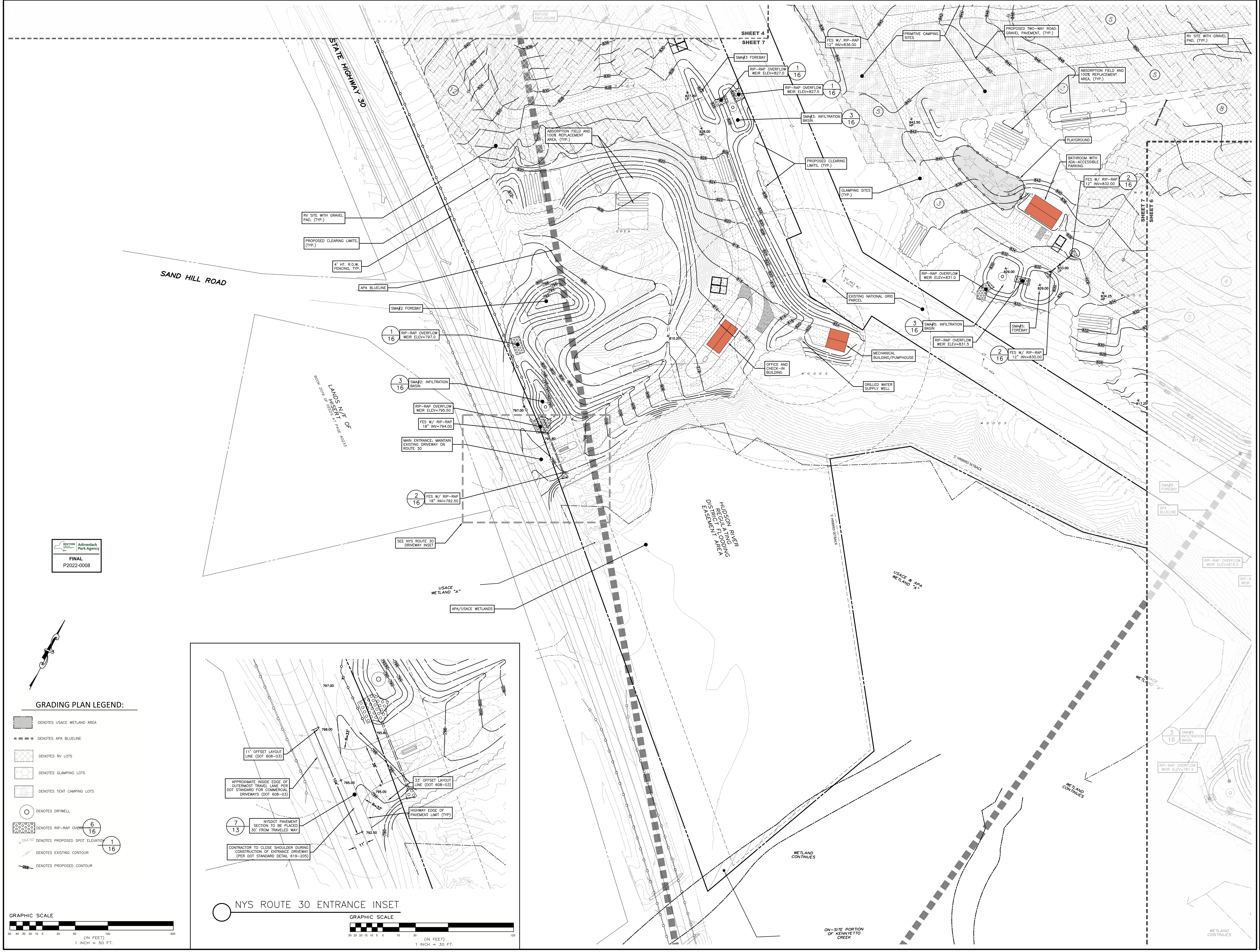
SCALE:
1" = 50'

NOT FOR CONSTRUCTION

SHEET TITLE:
GRADING AND DRAINAGE PLAN

SHEET:
6 of 19

D:\FULTON\MAYFIELD\Woods Hollow Road\170 - Wimmey\05-dwg\Detailed Plans\SHEETS\06_GP&D-Woods Hollow Rd.dwg Sep 20, 2022 09:43:09AM



ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621
edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

THE ALTERATION OF THESE DOCUMENTS IN ANY WAY, UNLESS DONE UNDER THE DIRECT SUPERVISION OF A COMPARABLE PROFESSIONAL, (I.E.) ENGINEER FOR AN ENGINEER, LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT OR SURVEYOR FOR A SURVEYOR, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: 1" = 50'

NOT FOR CONSTRUCTION

SHEET TITLE: GRADING AND DRAINAGE PLAN

SHEET: 7 of 19

UTILITY PLAN LEGEND:

- DENOTES USACE WETLAND AREA
- DENOTES APA BLUELINE
- DENOTES RV LOTS
- DENOTES GLAMPING LOTS
- DENOTES TENT CAMPING LOTS
- DENOTES DRYWELL
- DENOTES RIP-RAP OVERFLOW (6/16)
- DENOTES EXISTING CONTOUR (1/16)
- DENOTES PROPOSED CONTOUR
- DENOTES PROPOSED SANITARY MANHOLE
- DENOTES SEWER SERVICE LATERAL (1/17)
- DENOTES SEPTIC FIELD W/ EXPANSION (2/17)
- DENOTES SEPTIC TANK (4/17, 10/17)
- DENOTES PROPOSED BLOW OFF HYDRANT (6/17)
- DENOTES PROPOSED M.J. BEND (6/15)
- DENOTES PROPOSED VALVE (4/15)
- DENOTES PROPOSED M.J. TEE
- DENOTES WATER SERVICE LINE
- DENOTES UNDERGROUND ELECTRIC LINE (8/15, 1/15)

GRAPHIC SCALE

50 40 30 20 10 0 25 50 100 200

(IN FEET)
1 INCH = 50 FT.

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621 edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR WOODS HOLLOW CAMPGROUND

WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

THE ALTERATION OF THESE DOCUMENTS IN ANY WAY, UNLESS DONE UNDER THE DIRECT SUPERVISION OF A COMPARABLE PROFESSIONAL, (I.E.) ENGINEER FOR AN ENGINEER, LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT OR SURVEYOR FOR A SURVEYOR, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: 1" = 50'

NOT FOR CONSTRUCTION

SHEET TITLE: UTILITY PLAN

SHEET: 8 of 19

Q:\FULTON\MAYFIELD\Woods Hollow Road\170 - Winney\05-dwg\Detailed Plans\SHEETS\07_UPLN-Woods Hollow Rd.dwg Sep 28, 2022 09:43:33AM,


UTILITY PLAN LEGEND:
DENOTES USACE WETLAND AREA
DENOTES APA BLUELINE
DENOTES RV LOTS
DENOTES GLAMPING LOTS
DENOTES TENT CAMPING LOTS
DENOTES DRYWELL
DENOTES RIP-RAP OUTLET
DENOTES EXISTING CONTOUR
DENOTES PROPOSED CONTOUR
DENOTES PROPOSED SANITARY MANHOLE
DENOTES SEWER SERVICE LATERAL
DENOTES SEPTIC FIELD W/ EXPANSION
DENOTES SEPTIC TANK
DENOTES PROPOSED BLOW OFF HYDRANT
DENOTES PROPOSED M.J. BEND
DENOTES PROPOSED VALVE
DENOTES PROPOSED M.J. TEE
DENOTES WATER SERVICE LINE
DENOTES UNDERGROUND ELECTRIC LINE
WOODS HOLLOW ROAD
NOTE: NO CONSTRUCTION TRAFFIC SHALL USE WOODS HOLLOW ROAD
SHEET 8
SHEET 9
SHEET 11
LANDS N/F OF SPILKWN
LANDS N/F OF DEROSE
LANDS N/F OF SANSIG
PUMP TANK 17A
SEPTIC TANK 17A
TF=853.00
6" INV IN=851.00
6" INV OUT=850.75
BLOW OFF HYDRANT
MH#39
TF=860.50
6" INV OUT=856.50
SEPTIC TANK 20A
TF=859.00
6" INV IN=857.00
6" INV OUT=856.75
SEPTIC TANK 2B
TF=857.50
6" INV IN=855.50
6" INV OUT=855.25
MH#11
TF=854.50
6" INV OUT=849.00
MH#9
TF=847.75
6" INV IN=842.75
6" INV OUT=842.50
3"X3"X3" M.J. TEE W/VALVE & THRUST BLOCK
MH#10
TF=852.50
6" INV OUT=848.50
FES#7
12" INV=836.50
FES#8
12" INV=836.00
SMA#3
SMA#4
3"X3" M.J. TEE W/VALVE & THRUST BLOCK
MH#35
TF=834.00
6" INV OUT=830.00
MH#34
TF=836.50
6" INV IN=829.20
6" INV OUT=829.10
BLOW OFF HYDRANT
SEPTIC TANK 2A
TF=845.00
6" INV IN=843.00
6" INV OUT=842.75
PUMP TANK 2A
2" PE 4170 IPS DR-11 FORCE MAIN
PUMP TANK 1A
SEPTIC TANK 1A
TF=848.25
6" INV IN=846.25
6" INV OUT=846.00
MH#12
TF=849.00
6" INV OUT=844.00
SEPTIC TANK 3A
TF=826.00
6" INV IN=824.00
6" INV OUT=823.75
PUMP TANK 3A
MH#19
TF=843.00
6" INV OUT=839.00
SEPTIC TANK 3B
TF=836.00
6" INV IN=834.00
6" INV OUT=833.75
PUMP TANK 3B
MH#13
TF=843.75
6" INV OUT=838.75
SEPTIC TANK 18A
TF=827.50
6" INV IN=824.50
6" INV OUT=823.25
PUMP TANK 18A
MH#37
TF=808.00
6" INV IN=804.00
6" INV OUT=803.90
MH#21
TF=837.00
6" INV OUT=833.00
PUMP TANK 19A
SEPTIC TANK 19A
TF=783.0
6" INV IN=781.0
6" INV OUT=780.75
3" PVC SDR-21 WATER MAIN
GRAPHIC SCALE
(IN FEET)
1 INCH = 50 FT.
FINAL
P2022-0008

RV PARK FOR WOODS HOLLOW CAMPGROUND

WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621
edpllp.com

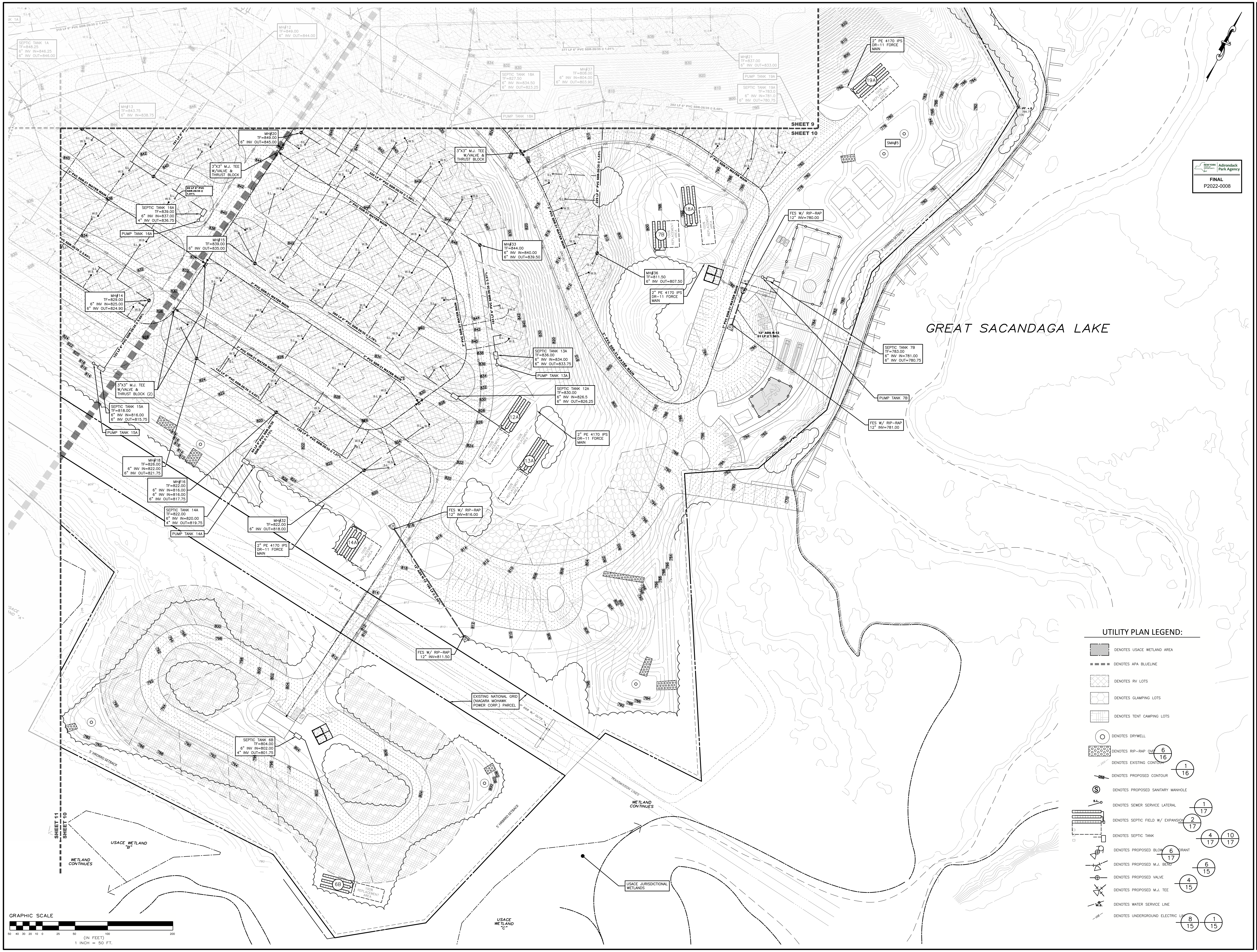
DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: 1" = 50'

NOT FOR CONSTRUCTION

SHEET TITLE: UTILITY PLAN



ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621
edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

THE ALTERATION OF THESE DOCUMENTS IN ANY WAY, UNLESS DONE UNDER THE DIRECT SUPERVISION OF A COMPARABLE PROFESSIONAL, (I.E.) ENGINEER FOR AN ENGINEER, LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT OR SURVEYOR FOR A SURVEYOR, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE:
1" = 50'

NOT FOR CONSTRUCTION

SHEET TITLE:
UTILITY PLAN

SHEET:

UTILITY PLAN LEGEND:

- ▨ DENOTES USACE WETLAND AREA
- DENOTES APA BLUELINE
- DENOTES RV LOTS
- DENOTES GLAMPING LOTS
- DENOTES TENT CAMPING LOTS
- DENOTES DRYWELL
- DENOTES RIP-RAP OVER (6/16)
- DENOTES EXISTING CONTOUR (1/16)
- DENOTES PROPOSED CONTOUR
- DENOTES PROPOSED SANITARY MANHOLE
- DENOTES SEWER SERVICE LATERAL (1/17)
- DENOTES SEPTIC FIELD W/ EXPANSION (2/17)
- DENOTES SEPTIC TANK (4/17) (10/17)
- DENOTES PROPOSED BLOW OFF HYDRANT (6/17)
- DENOTES PROPOSED M.J. BEND (6/15)
- DENOTES PROPOSED VALVE (4/15)
- DENOTES PROPOSED M.J. TEE
- DENOTES WATER SERVICE LINE
- DENOTES UNDERGROUND ELECTRIC LINE (8/15) (1/15)

GRAPHIC SCALE

50 40 30 20 10 0 25 50 100 200

(IN FEET)
1 INCH = 50 FT.

NEW YORK STATE OF OPPORTUNITY. Adirondack Park Agency
FINAL
P2022-0008

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621
edplip.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

THE ALTERATION OF THESE DOCUMENTS IN ANY WAY, UNLESS DONE UNDER THE DIRECT SUPERVISION OF A COMPARABLE PROFESSIONAL, (I.E.) ENGINEER FOR AN ENGINEER, LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT OR SURVEYOR FOR A SURVEYOR, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

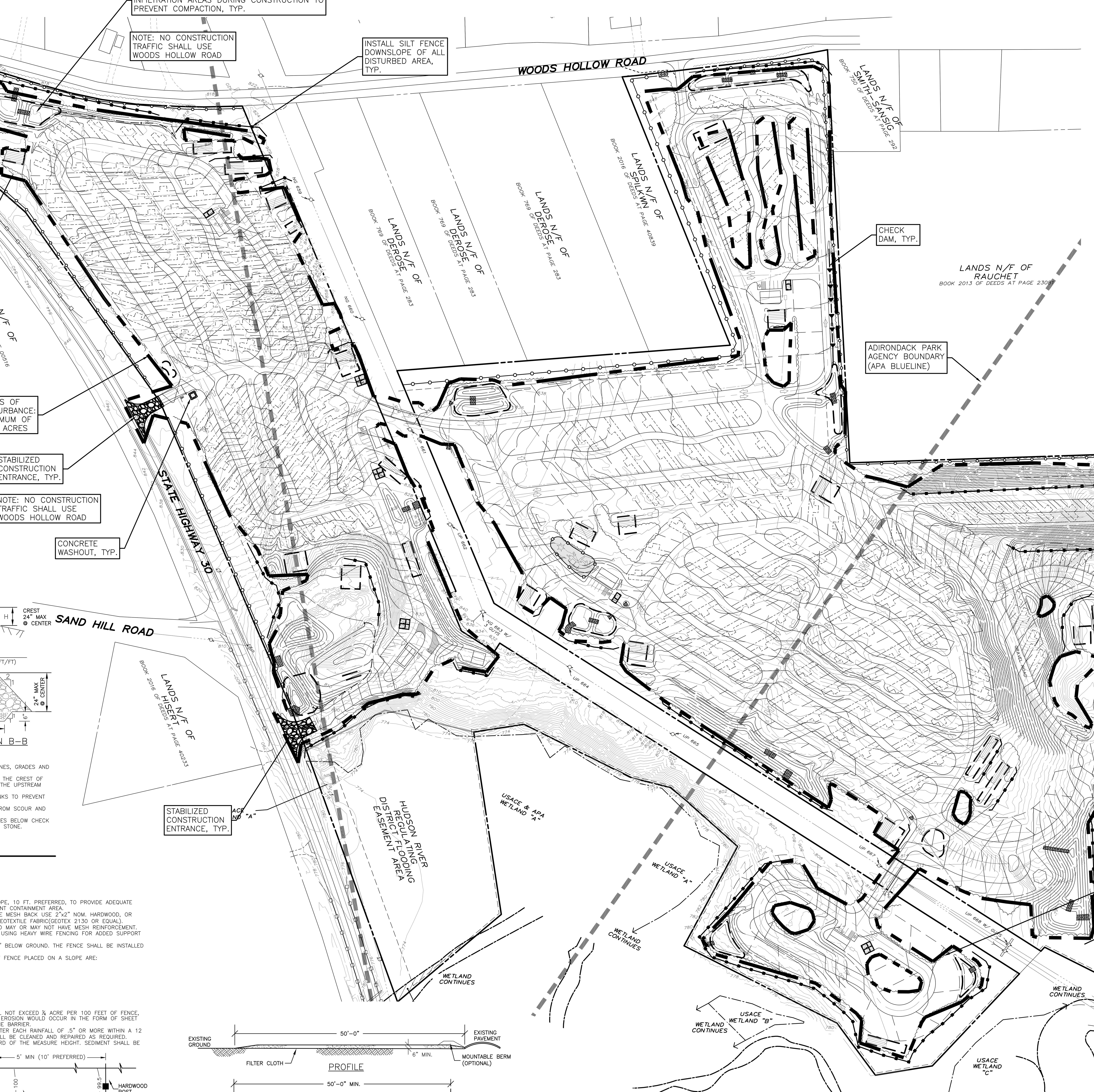
REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

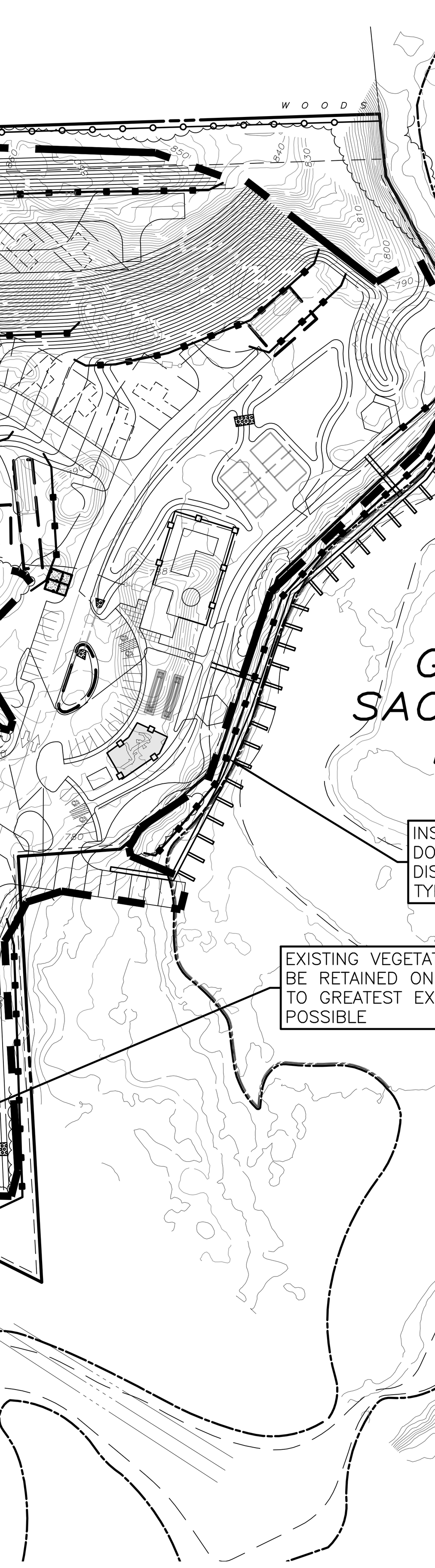
SCALE: 1" = 50'

NOT FOR CONSTRUCTION

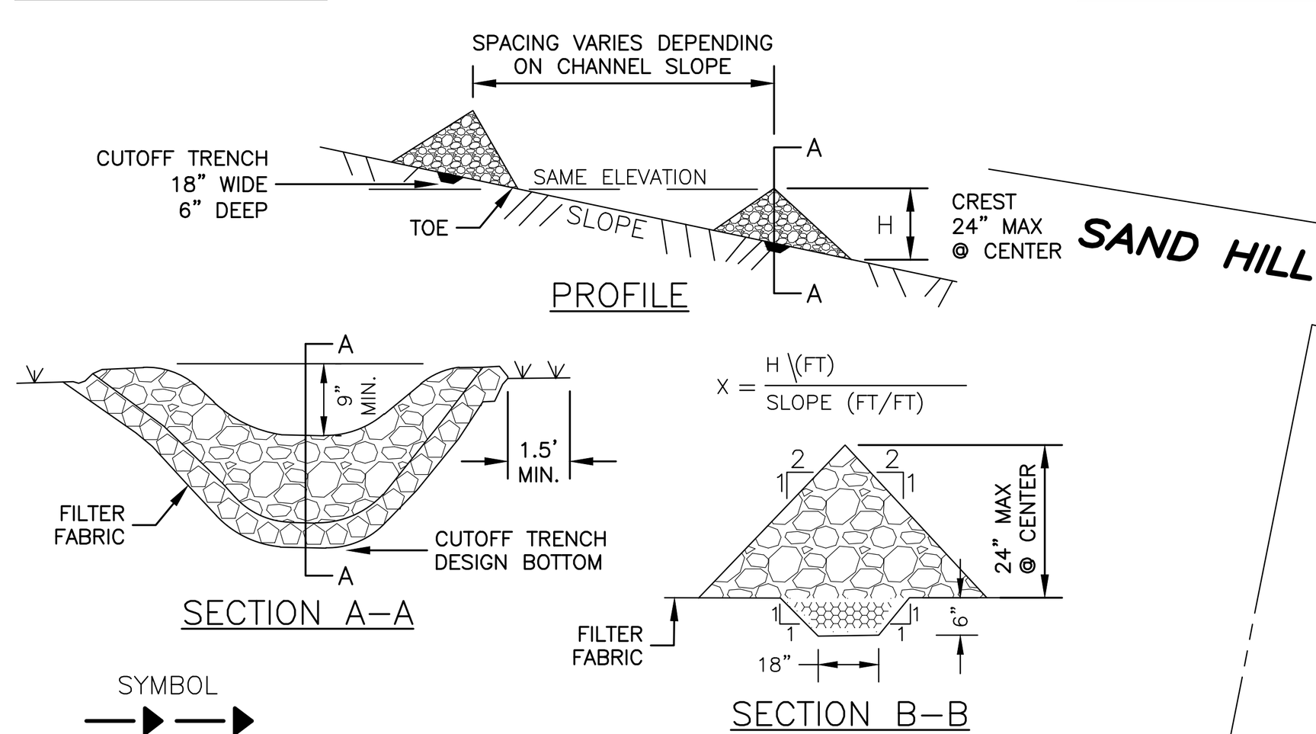
SHEET TITLE: UTILITY PLAN

Q:\FULTON\MAYFIELD\Woods Hollow Road\170 - Winney\05-dwg\Detailed Plans\SHEETS\07_UPLN-Woods Hollow Rd.dwg Sep 28, 2022 09:43:49AM,





DISTURBANCE NOTE:
CONTRACTOR TO USE NECESSARY CONSTRUCTION METHODS AND SCHEDULING TO ENSURE THAT THE TOTAL DISTURBANCE ON THE SITE IS LIMITED TO LESS THAN 5 ACRES AT ANY ONE TIME.



CONSTRUCTION SPECIFICATIONS

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

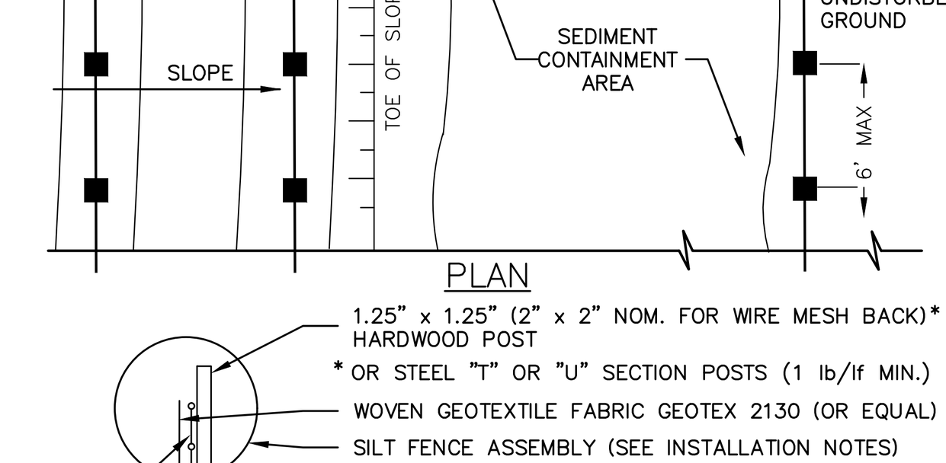
1/12 CHECK DAM
NOT TO SCALE

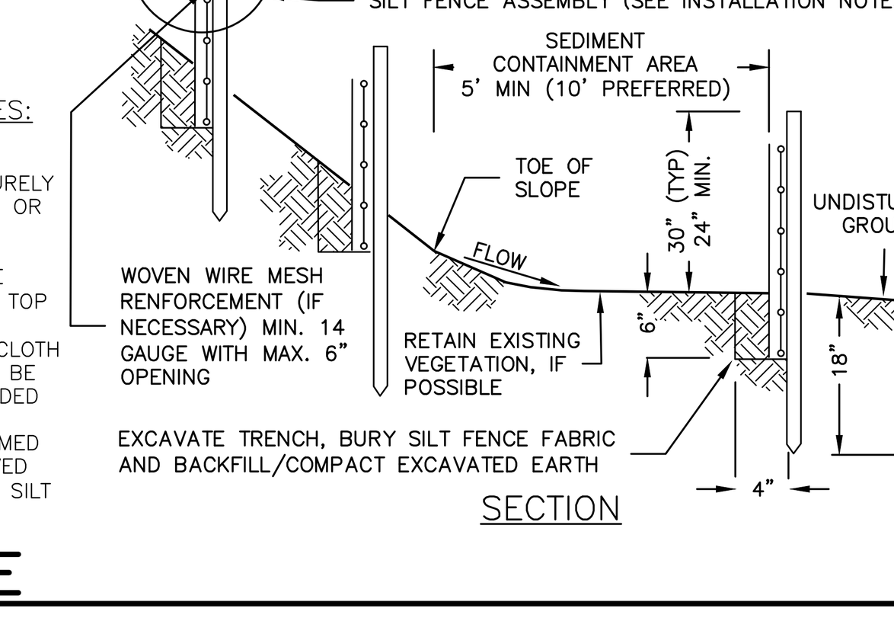
SILT FENCE GENERAL NOTES:

1. SILT FENCE SHALL BE PLACED A MINIMUM OF 5 FT. FROM TOE OF SLOPE, 10 FT. PREFERRED, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.
2. POSTS MAY BE 1.25"x1.25" (MINIMUM) HARDWOOD, TYPICALLY. FOR WIRE MESH BACK USE 2"x2" NOM. HARDWOOD, OR STEEL "T" OR "U" POSTS (1lb per lf). SILT FENCE SHALL BE WOVEN GEOTEXTILE FABRIC(GEOTEX 2130 OR EQUAL).
3. SILT FENCE ASSEMBLIES MAY HAVE 4 FT. OR 6 FT. POST SPACING, AND MAY OR MAY NOT HAVE MESH REINFORCEMENT. SENSITIVE AREAS TO BE PROTECTED MAY NEED TO BE REINFORCED BY USING HEAVY WIRE FENCING FOR ADDED SUPPORT TO PREVENT COLLAPSE.
4. THE BOTTOM EDGE OF SILT FENCE SHALL BE BURIED A MINIMUM OF 6" BELOW GROUND. THE FENCE SHALL BE INSTALLED WITH THE POSTS ON THE DOWNSTREAM SIDE OF THE FABRIC.
5. MAXIMUM ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUNOFF TO A SILT FENCE PLACED ON A SLOPE ARE:

SLOPE STEEPNESS	MAXIMUM LENGTH (ft.)
2:1	25
3:1	50
4:1	75
5:1 OR FLATTER	100

6. MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT EXCEED ¼ ACRE PER 100 FEET OF FENCE, WITH MAXIMUM PONDING DEPTH OF 1.5 FEET BEHIND THE FENCE; AND EROSION WOULD OCCUR IN THE FORM OF SHEET EROSION; AND THERE IS NO CONCENTRATION OF WATER FLOWING TO THE BARRIER.
7. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS, AFTER EACH RAINFALL OF .5" OR MORE WITHIN A 12 HOUR PERIOD, OR DAILY DURING PROLONGED RAINFALL. MEASURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.
8. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-THIRD OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

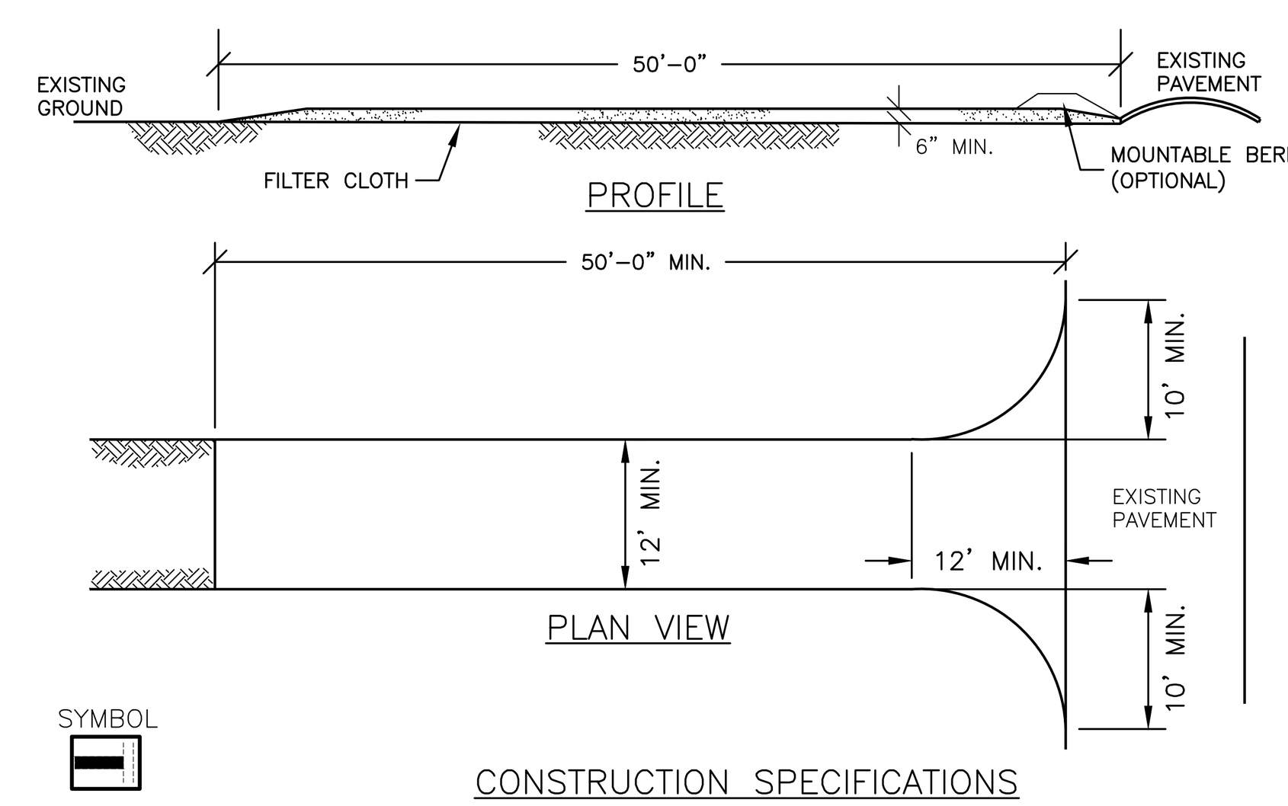




SILT FENCE INSTALLATION NOTES:

1. GEOTEXTILE FABRIC AND WOVEN WIREMESH TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACES EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED.
4. MAINTENANCE SHALL BE PERFFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

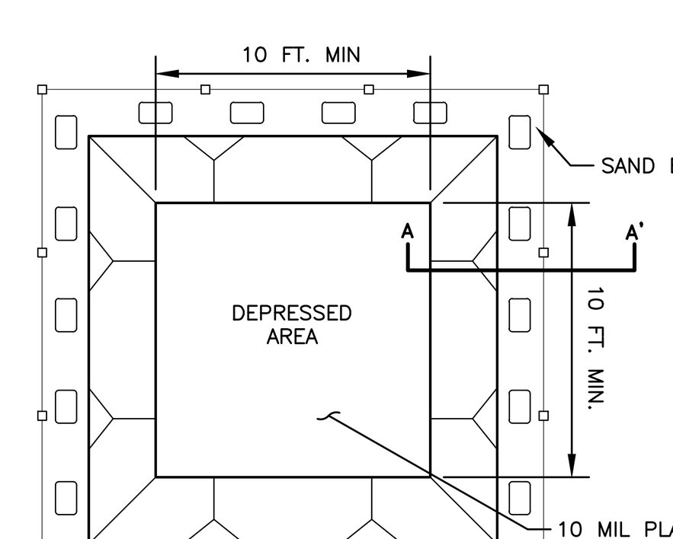
2/12 SILT FENCE
NOT TO SCALE

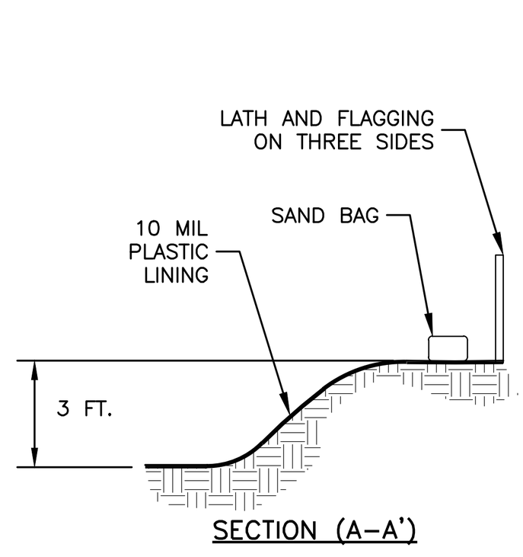


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 2" CRUSHED STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – AS EFFECTIVE BUT NOT LESS THAN 50 FEET.
3. THICKNESS – NOT LESS THAN SIX(6) INCHES.
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH – WILL BE PLACED OVER ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
5. WASHING – WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL BOARDS OR OTHER APPROVED METHODS.
6. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DRIPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
7. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

3/12 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE





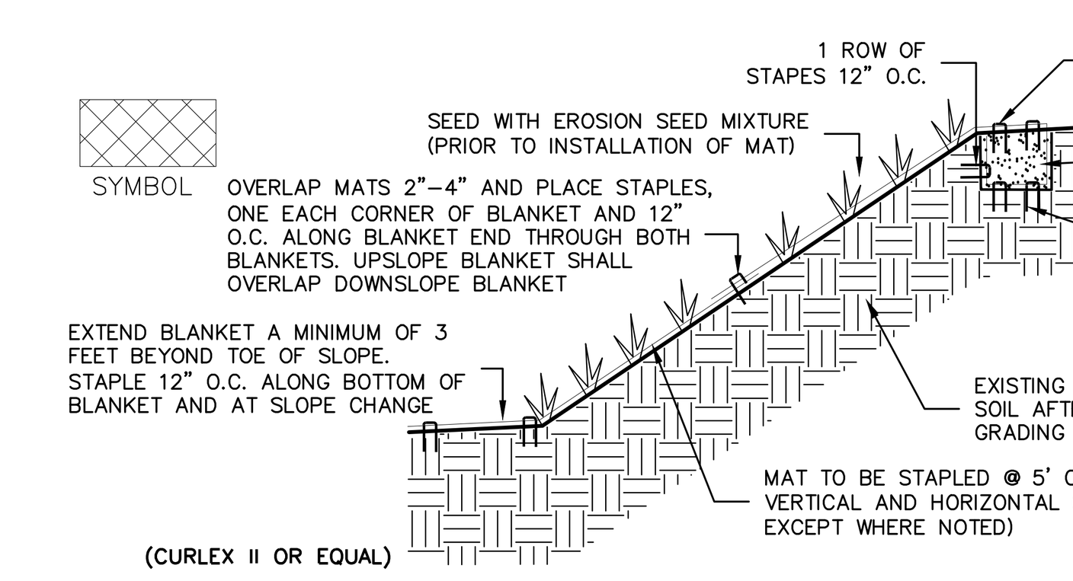
CONSTRUCTION SPECIFICATIONS

1. CONCRETE WASHOUT FACILITY SHALL BE LOCATED A MINIMUM OF FIFTY FEET (50') FROM SENSITIVE AREAS.
2. THE BASIN DIMENSIONS DEPICTED ABOVE ARE REQUIRED MINIMUMS. CONCRETE WASHOUT FACILITY SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE ENERATED BY WASHOUT OPERATIONS. (APPROXIMATELY 60 GALLONS OF WASTE AND WATER PER TRUCK).
3. PLASTIC LINING MATERIAL SHALL BE A MINIMUM 10 MIN POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
4. WASHOUT FACILITY MUST BE CLEANED, OR NEW FACILITES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.

MAINTENANCE AND CLEANING

1. DO NOT DISCHARGE LIQUID OR SLURRY TO WATERWAYS, STORM DRAINS OR DIRECTLY ONTO GROUND
2. DO NOT USE SANITARY SEWER WITHOUT LOCAL APPROVAL.
3. PLACE A SECURE NON COLLAPSING, NON-WATER COLLECTING COVER OVER THE FACILITY PRIOR TO PREDICTED WET WEATHER TO PREVENT ACCUMULATION AND OVERFLOW.
4. REMOVE AND DISPOSE OF HARDEN CONCRETE AND RETURN THE STRUCTURE TO A FUNCTIONAL STATE.
5. INSPECT THE WASHOUT FACILITY FOR SIGNS OF WEAKENING OR DAMAGE AND REPAIR AS NESSESARY(RELINE THE STRUCTURE WITH NEW POLY SHEETING AFTER EACH CLEANING).

4/12 CONCRETE WASHOUT FACILITY
NOT TO SCALE



SIDE SEAM NOTE: SIDE SEAMS SHALL BE OVERLAPPED 2"–4" AND STAPLE 12" O.C. THROUGH BOTH BLANKETS

NOTES:

STAPLE PATTERNS ARE DEPENDENT ON SITE CONDITIONS. SEE BLANKET MANUFACTURER RECOMMENDATIONS FOR STAPLE TYPE AND PATTERNS.

5/12 EROSION CONTROL BLANKET
NOT TO SCALE

NEW YORK STATE OF OPPORTUNITY. Adirondack Park Agency
FINAL
P2022-0008

EROSION AND SEDIMENT CONTROL AND STABILIZATION MEASURES, MAINTENANCE AND INSPECTION PRACTICES:

1. THE FOLLOWING IS A LIST OF EROSION AND SEDIMENT CONTROLS TO BE USED ON THIS SITE DURING CONSTRUCTION:

   A) STABILIZATION PRACTICES FOR THIS SITE INCLUDE:
   - LAND CLEARING ACTIVITIES SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND SHALL PROGRESS AS EARTHWORK IS NEEDED
   - FREQUENT WATERING OF EXCAVATION AND FILL AREAS TO MINIMIZE WIND EROSION DURING CONSTRUCTION.
   - USE OF STABILIZATION FABRIC FOR ALL SLOPES HAVING A SLOPE OF 1V:2H OR GREATER AND FILL SLOPES 1V:3H OR GREATER.
   - PERMANENT SEEDING AND PLANTING OF ALL UNPAVED AREAS USING THE HYDROMULCHING GRASS SEEDING TECHNIQUE.

   B) STRUCTURAL PRACTICES FOR THIS SITE INCLUDE:
   - PERIMETER PROTECTION USING SILT FENCES
   - INLET PROTECTION AND OUTLET PROTECTION USING SILT FENCES
   - STORM SEWER, CURBS AND GUTTERS
   - STABILIZED CONSTRUCTION EXIT POINTS
   - STORMWATER DETENTION PONDS (WHICH MAY ALSO SERVE AS A TEMPORARY SEDIMENT BASIN)

2. THE FOLLOWING INSPECTION AND MAINTENANCE PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS AND STABILIZATION MEASURES:
   A) ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY.
   B) ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF REPAIRS ARE FOUND TO BE NECESSARY, THEY WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
   C) BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCES / STRAW BARRIERS WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
   D) SILT FENCES / STRAW BARRIERS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, ETC., TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE SECURELY IN THE GROUND.
   E) THE SEDIMENT BASIN, IF PRESENT, WILL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 50 PERCENT OF THE DESIGN CAPACITY.
   F) TEMPORARY AND PERMANENT SEEDING AND ALL OTHER STABILIZATION MEASURES WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
   G) A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. COPIES OF THE REPORT FORMS TO BE COMPLETED BY THE INSPECTOR ARE INCLUDED IN THIS SWPPP.
   H) THE JOB SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR SELECTING AND TRAINING THE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR THESE INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT INSPECTION AND MAINTENANCE REPORTS.
   I) PERSONNEL SELECTED FOR THE INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE APPROPRIATE INSTRUCTION FROM THE JOB SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS THAT ARE USED ONSITE IN GOOD WORKING ORDER. THEY WILL ALSO BE TRAINED IN THE COMPLETION OF, INITIATION OF ACTIONS REQUIRED BY, AND THE FILING OF THE INSPECTION FORMS. DOCUMENTATION OF THIS PERSONNEL TRAINING WILL BE KEPT ON SITE WITH THE SWPPP.
   J) DISTURBED AREAS AND MATERIALS STORAGE AREAS WILL BE INSPECTED FOR EVIDENCE OF OR POTENTIAL FOR POLLUTANTS ENTERING STORMWATER SYSTEMS.
   K) REPORT TO THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WITHIN 24 HOURS ANY NONCOMPLIANCE WITH THE SWPPP THAT WILL ENDANGER PUBLIC HEALTH OR THE ENVIRONMENT. FOLLOW UP WITH A WRITTEN REPORT WITHIN 5 DAYS OF THE NONCOMPLIANCE EVENT.

ADDITIONAL EROSION CONTROL AND GRADING NOTES:

1. **MINIMAL EROSION CONTROL DEVICES ARE ILLUSTRATED ON SITE PLAN IN A SCHEMATIC MANNER BASED ON NY STATE GUIDELINES FOR EROSION AND SEDIMENT CONTROL. IT WILL BE NECESSARY TO ADJUST THE ACTUAL LOCATION AND QUANTITY OF EROSION CONTROL DEVICES DEPENDING UPON FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THESE MEASURES AS REQUIRED TO PROTECT THE SITE.**
2. SLOPES SHALL TYPICALLY BE GRADED AT A MAXIMUM OF 3:1 (3 HORIZ. 1 VERT.) WITHIN ALL CUT OR FILL AREAS, UNLESS OTHERWISE DESIGNATED ON PLANS.
3. SEED SHALL BE A COMMERCIALLY AVAILABLE MIXTURE OF PERENNIAL RYE AND UTILITY GRADE FESCUE. PERCENTAGE OF PERENNIAL RYE SHALL NOT EXCEED 50%.
4. SEEDED AREAS SHALL BE FULLY COVERED WITH A LEAN STRAW OR MULCH MATERIAL. IF ORDERED BY THE ENGINEER OR MUNICIPALITY, A BIODEGRADABLE NETTING (E.G., EXCELSIOR BLANKET, COIR GEOTEXTILE) SHALL BE ANCHORED OVER SEEDED AREAS WHICH DEMONSTRATE "RILLING" OR OTHER EROSION PROCESSES.
5. TOPSOIL AND SEED SHALL BE REAPPLIED TO ANY AREAS WHICH FAIL TO ESTABLISH AS A RESULT OF INITIAL APPLICATION.
6. SILT FENCE BARRIERS SHALL BE PLACED WITHIN ALL AREAS OF EXPOSED SLOPES TO CONTROL SOIL EROSION DURING AND AFTER CONSTRUCTION.
7. ALL STORM OUTFALLS SHALL RECEIVE RIP RAP IMMEDIATELY UPON INSTALLATION (AS PER PLAN).
8. EROSION CONTROL (ERO-MAT) OR APPROVED EQUAL, SHALL BE INSTALLED ON ALL 2:1 SLOPES: AN ORGANIC FIBER PROTECTIVE MAT, HALF INCH LAYER OF CHOPPED STRAW, KNITTED INTO A RUGGED MAT WITH A THIN NETTING OF PHOTODEGRADABLE POLYPROPYLENE. SECURE MAT TO SLOPE WITH 6" STEEL U-SHAPED STABLES, 2 STAPLES PER SQUARE YARD, OR AS PER MANUFACTURER'S INSTRUCTIONS.
9. STREAM REACHES ON-SITE AND DOWNSTREAM OF CONSTRUCTION SHALL NOT HAVE SUBSTANTIAL VISIBLE CONTRAST RELATIVE TO COLOR, TASTE, ODOR, TURBIDITY AND SEDIMENT DEPOSITION FROM THE REACHES UPSTREAM OF THE CONSTRUCTION ACTIVITY.
10. VEHICULAR ACCESS POINTS SHALL BE MONITORED AND INSPECTED AT THE SAME FREQUENCY AS EROSION CONTROL FEATURES TO INSURE THAT DEPOSITS OF SAND, SILT OR OTHER MATERIAL IS NOT BEING DEPOSITED ON PUBLIC ROADWAYS. IN THE EVENT ANY SIGNIFICANT DEPOSITS OCCUR THEY SHALL BE CLEANED UP IMMEDIATELY.
11. KEEP ALL CONSTRUCTION EQUIPMENT, TOPSOIL STOCKPILES AND ANY TEMPORARY/PERMANENT GRAVEL AREAS OFF FUTURE SEPTIC AREAS.

SEQUENCE OF CONSTRUCTION ACTIVITIES:

1. CONSTRUCT TEMPORARY CONSTRUCTION EXITS AT LOCATIONS SHOWN.
2. INSTALL PERIMETER SILT FENCES AND TEMPORARY SEDIMENT BASIN IN THE LOCATIONS SHOWN AND OTHER LOCATIONS AS NECESSARY TO STABILIZE THE SITE.
3. BEGIN CLEARING AND GRUBBING OPERATIONS. CLEARING AND GRUBBING SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND ONLY IN AREAS WHERE BUILDING IS PLANNED TO COMMENCE WITHIN 14 DAYS AFTER CLEARING AND GRUBBING.
4. FREQUENT WATERING OF THE EXCAVATION AND FILL AREAS SHALL BE DONE TO MINIMIZE WIND EROSION.
5. COMMENCE SITE GRADING AND CONSTRUCTION.
6. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
7. INSTALL PROTECTIVE SILT FENCES / BARRIERS AT THE LOCATIONS OF ALL GRATE INLETS, CURB INLETS, AND AT THE ENDS OF ALL EXPOSED STORM SEWER PIPES.
8. FINALIZE PAVEMENT SUBGRADE PREPARATION.
9. CONSTRUCT ALL CURB AND GUTTER, GUTTER INLETS, AREA INLETS, AND STORM SEWER MANHOLES, AS SHOWN ON THE PLANS. INLET PROTECTION BARRIERS MAY BE REMOVED TEMPORARILY FOR THIS CONSTRUCTION. PLACE REQUIRED RIPRAP AT LOCATIONS SHOWN ON THE PLANS.
10. REMOVE DROP INLET PROTECTION AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.
11. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT.
12. CARRY OUT FINAL GRADING AND SEEDING AND PLANTING
13. REMOVE SILT FENCING / STRAW BARRIERS ONLY AFTER ALL PAVING IS COMPLETE AND EXPOSED SURFACES ARE STABILIZED.
14. REMOVE TEMPORARY CONSTRUCTION EXITS ONLY PRIOR TO PAVEMENT CONSTRUCTION IN THESE AREAS (THESE AREAS ARE TO BE PAVED LAST).

SOIL RESTORATION:

AS PER CHAPTER 5 OF THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL, SOIL RESTORATION IS REQUIRED ON THIS SITE IN ALL NON-IMPERVIOUS AREAS ONCE FINAL SUBGRADE ELEVATION IS ACHIEVED. IN AREAS OF CUT OR FILL THE SOILS SHALL BE AERATED AND 6 INCHES OF TOPSOIL SHALL BE APPLIED. IN AREAS OF HEAVY CONSTRUCTION TRAFFIC (ESPECIALLY IN AREAS 5 TO 25 FEET FROM BUILDING, BUT NOT WITHIN 5 FEET OF FOUNDATION WALLS) THE FOLLOWING RESTORATION MUST BE APPLIED:

1. APPLY 3 INCHES OF COMPOST OVER SUBSOIL.
2. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SOIL.
3. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF 4 INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.
4. APPLY TOPSOIL TO A DEPTH OF 6 INCHES
5. VEGETATE AS REQUIRED BY APPROVED PLAN.

GRAPHIC SCALE

(IN FEET)
1 INCH = 120 FT.

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621 edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE:
1" = 120'

NOT FOR CONSTRUCTION

SHEET TITLE:
EROSION AND SEDIMENT CONTROL PLAN

SHEET:

GENERAL NOTES:

THE ENVIRONMENTAL DESIGN PARTNERSHIP IS NOT RESPONSIBLE FOR ANY CONSTRUCTION WORK PERFORMED PRIOR TO FINAL APPROVAL OF ALL PLANS AND SECURING OF ALL PERMITS AND FILING OF ALL MAPS.

CONTRACTOR TO ARRANGE A PRECONSTRUCTION CONFERENCE WITH THE ENVIRONMENTAL DESIGN PARTNERSHIP AND MUNICIPALITY PRIOR TO CONSTRUCTION.

FIELD ADJUSTMENTS MUST BE APPROVED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP AND THE MUNICIPALITY'S ENGINEER PRIOR TO CONSTRUCTION.

CONTRACTOR IS TO VERIFY THAT ALL NECESSARY WORK PERMITS AND EASEMENTS ARE IN PLACE PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AND TAKE ALL SPECIAL TEMPORARY AND PERMANENT PRECAUTIONS NECESSARY TO ENSURE A STABLE AND SECURE JOB.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY TOWN, COUNTY OR STATE HIGHWAY CUT PERMITS.

THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND EASEMENTS PRIOR TO CONSTRUCTION AND BECOME FAMILIAR WITH THE CONDITIONS OF EACH PERMIT.

THE CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS, AND DRIVEWAYS.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RIGHT-OF-WAY PROPERTY LINES PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES SUCH AS GAS, POWER, TELEPHONE, CABLE TV, WATER, SEWER, ETC. PRIOR TO COMMENCEMENT OF CONSTRUCTION.

AS PER NYS INDUSTRIAL CODE 53: CONTRACTOR TO CALL DIG SAFELY NEW YORK, INC. AT 1-800-962-7962 TO LOCATE BURIED CABLES OR OTHER UNDERGROUND UTILITIES NO LESS THAN TWO OR MORE THAN TEN WORKING DAYS PRIOR TO DIGGING, DRILLING, EXCAVATING, DRIVING POSTS, ETC.

CONTRACTOR MUST VERIFY THE ACCEPTABILITY OF ALL CONSTRUCTION MATERIALS WITH MUNICIPALITY'S ENGINEER PRIOR TO ORDERING.

INSTALLATION AND MATERIAL SPECIFICATIONS FOR STORM SEWER, SANITARY SEWER, WATER SERVICE CONNECTIONS SHALL CONFORM TO THE MUNICIPALITY'S STANDARD DETAILS AND REQUIREMENTS. INSTALLATION PROCEDURES AND MATERIALS MUST BE VERIFIED WITH MUNICIPALITY PRIOR TO CONSTRUCTION.

ANY EXISTING STORM SEWERS AND UNDERGROUND UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION AND FOR INFORMATION ONLY. THE CONTRACTOR SHALL HAVE THEIR EXACT LOCATION CHECKED AT THE SITE BEFORE CONSTRUCTION BEGINS.

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING PIPE INVERT ELEVATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES WHICH RESULT MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, GRADES, PIPE INVERTS AND ELEVATIONS AND REVIEW WITH CONSULTANT BEFORE CONSTRUCTION.

ALL EXCAVATION TO MEET OSHA AND NYS DOT SAFETY REGULATIONS AND STANDARDS.

THE CONTRACTOR SHALL FILL IN, AND RE-EXCAVATE, AS NECESSARY TO RESUME WORK, ANY EXCAVATIONS OR TRENCHES AT LOCATIONS AND AS OFTEN AS MAY BE REQUIRED TO ENSURE PROTECTION OF THE WORK, ANY ADJACENT EXISTING FACILITIES, OR THE PUBLIC.

THE CONTRACTOR SHALL CLEAN UP THE JOB SITE DAILY BEFORE LEAVING THE JOBSITE. ALL RUBBISH MUST BE CLEANED UP AND CONSTRUCTION EQUIPMENT MUST BE PROPERLY TAKEN CARE OF AND STORED AT THE END OF THE DAY.

CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND SAFETY DURING CONSTRUCTION.

THE CONTRACTOR SHALL FURNISH ALL FLAGMEN AND SIGNS, DELINEATORS, BARRIERS, AND DEVICES NECESSARY FOR TRAFFIC CONTROL DURING ANY EARTH-MOVING OPERATION OR OTHER CONSTRUCTION ACTIVITY WHICH INVOLVES PUBLIC HIGHWAYS.

ALL TRAFFIC SIGNS, CONTROL DEVICES AND INFORMATIONAL ITEMS, IF DISTURBED DURING CONSTRUCTION WITHIN CONTRACT LIMIT LINES, SHALL BE RELOCATED AS PER APPROVAL OF MUNICIPALITY.

RESTORATION OF PAVEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPLACE AND RESTORE PAVEMENT WITH MATERIAL TO A CONDITION EQUAL TO OR BETTER THAN PRECONSTRUCTION CONDITIONS. ALL PAVEMENT AND RIGHT-OF-WAY RESTORATION WORK TO BE DONE TO THE SATISFACTION OF THE STATE, COUNTY OR LOCAL MUNICIPAL HIGHWAY DEPARTMENT.

CONTRACTOR SHALL RESTORE ALL LAWNS, DRIVEWAYS, WALKS, WALLS, CURBS, FENCES, ETC. TO A CONDITIONS AT LEAST AS GOOD AS THEY WERE BEFORE BEING DISTURBED.

BOX ALL TREES AND HOUSE ALL SHRUBS AND HEDGES BEFORE PLACING EARTH AGAINST OR NEAR THEM. SHRUBS AND HEDGES THAT MUST BE REMOVED DURING CONSTRUCTION SHALL BE HEALED OR REPLANTED IN AS GOOD A CONDITION AS THEY WERE BEFORE THEIR REMOVAL. ANY DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

POSTS, MAILBOXES, ETC. SHALL BE PROTECTED, OR REMOVED AND REPLACED EXACTLY AS THEY WERE BEFORE BEING DISTURBED. DAMAGED ITEMS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

IT MAY BE NECESSARY TO TIE OR HOLD BACK UTILITY POLES DURING CONSTRUCTION. THIS SHOULD BE ACCOMPLISHED IN COOPERATION WITH UTILITY COMPANIES.

NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE BOUNDARIES OF ANY EASEMENTS OR R.O.W. AS SHOWN.

CONTRACTOR TO COMPLY WITH ALL OSHA AND OTHER STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION (PROPER SHORING, ETC.).

SIDE SLOPES GREATER THAN 1:3 WILL REQUIRE GUIDE RAILS (1-FOOT VERTICAL, 3-FOOT HORIZONTAL).

ALL SITE WORK SHALL BE SMOOTHLY AND EVENLY BLENDED INTO EXISTING CONDITIONS. WHERE ACCESS OR WORK OUTSIDE OF PROPERTY BOUNDARY IS NECESSARY, THE PERMISSION OF ADJOINING PROPERTY OWNER MUST FIRST BE OBTAINED.

SITE SURVEYOR TO VERIFY ELEVATIONS OF EXISTING ROAD CENTERLINE AND SHOULDER PRIOR TO COMMENCING WORK. CONTRACTOR IS TO CONFIRM THIS WITH SITE SURVEYOR.

WHERE APPROPRIATE, SITE LAYOUT AND GRADING WORK SHALL BE COMPLETED BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR. LANDSCAPE ARCHITECT SHALL APPROVE ALL LAYOUT WORK PRIOR TO CONSTRUCTION.

CONTRACTOR TO NOTIFY ENGINEER AFTER ROUGH GRADING IS COMPLETED. FINISH GRADES TO BE ADJUSTED IN THE FIELD AFTER INITIAL GRADING IS COMPLETED. ALL CHANGES IN PROPOSED GRADES TO BE APPROVED BY OWNER AND ENGINEER.

ALL AREAS OF THE SITE WHICH ARE DISTURBED AND NOT PAVED SHALL BE TOPSOILED AND SEEDED.

ALL PHYSICAL FEATURES INCLUDING SIDEWALKS, CURBING, DECKS, LAMPS, STAIRS, ETC. WITHIN FIVE FEET OF EXTERIOR BUILDING WALLS AND CANOPY OVERHANGS ARE TO BE CONSTRUCTED PER ARCHITECTURAL PLANS. IT IS NOT THE INTENT OF THESE DOCUMENTS TO ADDRESS SUCH DETAILS, WHICH ARE SHOWN ONLY FOR THE PURPOSE OF CONTINUITY BETWEEN THE SITE PLAN AND THE ARCHITECTURAL PLANS.

PROVISIONS FOR STORMWATER COLLECTION AND DRAINAGE PERTAINING TO THE ROOF AND TO PHYSICAL FEATURES WITHIN FIVE FEET OF THE EXTERIOR BUILDING WALLS AND CANOPY OVERHANGS ARE THE RESPONSIBILITY OF THE ARCHITECT.

ALL VERTICAL GRADE CHANGES GREATER THAN 30 INCHES SHALL BE PROVIDED WITH SAFETY BARRIERS AS PER NYS BUILDING CODE (FENCES, RAILINGS, ETC. PER OWNER).

PRELIMINARY PAVEMENT AND SIDEWALK DESIGN SPECIFICATIONS ASSUME EXISTING SUBGRADE CONSISTS OF CLEAN, GRANULAR MATERIAL (SAND & GRAVEL) AND THAT THERE IS NO WATER TABLE INTERFERENCE. PRIOR TO CONSTRUCTION, THE PROJECT OWNER SHALL HAVE THE EXISTING SUBGRADE CONDITIONS EVALUATED BY A GEOTECHNICAL ENGINEER, WHO SHALL DETERMINE FINAL PAVEMENT AND SIDEWALK DESIGN SPECIFICATIONS. THE OWNER ASSUMES ALL RESPONSIBILITY FOR PAVEMENTS AND SIDEWALKS CONSTRUCTED WITHOUT A FINAL DESIGN, SHOULD HE CHOOSE NOT TO HIRE A GEOTECHNICAL ENGINEER.

ROADWAYS AND UNDERGROUND UTILITY FILL AREAS SHALL BE CONTROLLED FILLS PREPARED IN GENERAL ACCORDANCE WITH NYSDOT STANDARD SPECIFICATIONS 203, EXCAVATION AND EMBANKMENT.

FILL AREAS SHALL BE STRIPPED OF SOD, TOPSOIL AND UNSUITABLE MATERIAL AND BE MECHANICALLY COMPACTED TO THE SATISFACTION OF THE ENGINEER IN ACCORDANCE WITH NYSDOT 203-3.03.A.

FILLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NYSDOT 230-3.03.B, EMBANKMENTS. COMPACTION AND LIFT THICKNESS SHALL BE IN ACCORDANCE WITH NYSDOT 230-3.03.C. UNDERWATER AREAS SHALL BE FILLED WITH SELECT GRANULAR FILL.

CONTROLLED FILL SHALL BE WITH SELECT GRANULAR MATERIAL WITH GRADATION: 100% PASSING 4" SIEVE, 0-70% PASSING #40 AND 0-12% PASSING #200 AND MEET NYSDOT STD SPEC 733-11. FILLS SHALL BE PLACED IN LIFTS NOT TO EXCEED 12" LOOSE THICKNESS AND SHALL BE MECHANICALLY COMPACTED TO 95% MINIMUM OF THE MAXIMUM ASTM SPECIFICATION D1557 DENSITY (MODIFIED PROCTOR). ALL CONTROLLED FILL SHALL BE FREE OF ORGANIC, CLODS AND/OR FROZEN MATERIALS

EMBANKMENT SUBGRADE AREA (TWO FEET BELOW SUBGRADE ELEVATION) SHALL BE CONSTRUCTED IN ACCORDANCE WITH NYSDOT 230-2.02.B., SELECT BORROW AND SELECT FILL, COMPACTED PER 203-3.03.C.

ALL AREAS OF THE SUBGRADE SURFACE WITHIN THE ROADWAY OR OTHER PAVEMENT AREA LIMITS SHALL BE PROOF-ROLLED, WITH UNSTABLE AREAS CORRECTED TO THE SATISFACTION OF THE ENGINEER, PRIOR TO PLACEMENT OF SUBBASE MATERIALS, BOTH EMBANKMENT AND CUT AREAS, IN ACCORDANCE WITH NYSDOT 203-3.03.D & 203-3.02.C.

FILL SPECIFICATIONS ARE CONSIDERED MINIMAL AND ARE SUBJECT TO CHANGE UPON DISCOVERY OF UNFAVORABLE SITE SOIL CONDITIONS AND/OR BY A GEOTECHNICAL ENGINEER RETAINED BY THE OWNER/ DEVELOPER.

SPECIFICATIONS FOR STREET/SITE LIGHTING ARE PER TOWN REQUIREMENTS/QUALIFIED PHOTOMETRIC ENGINEER RETAINED BY OWNER.

ALL GRAVITY SANITARY SEWER PIPE AND FITTINGS SHALL BE PVC SDR-35 SEWER PER ASTM D3034, 115 PSI MINIMUM PIPE STIFFNESS FOR BURIAL DEPTHS UP TO 20 FEET.

ALL GRAVITY SEWERS SHALL HAVE CONTINUOUS STRAIGHT HORIZONTAL & VERTICAL ALIGNMENT (LINE & GRADE) BETWEEN MANHOLES PER NYSDEC REQUIREMENTS AND TEN STATES STANDARDS. CONSTRUCTION OF GRAVITY SEWERS SHALL BE PERFORMED USING A PIPE LASER, WITH ADEQUATE BLOWER VENTILATION, TO ENSURE STRAIGHT ALIGNMENT. ANY EXCEPTIONS THIS MUST BE APPROVED BY THE ENGINEER. ALIGNMENT SHALL BE VERIFIED BY LAMPING DURING THE CCTV INSPECTION AND AFTER WORK HAS BEEN COMPLETELY BACKFILLED AND COMPACTED.

SLOPE OF SANITARY SEWER THROUGH MANHOLE STRUCTURE IS DETERMINED BY THE INCOMING PIPE. IN NO CASE, SHALL THE SLOPE THROUGH THE MANHOLE STRUCTURES BE LESS THAN 1%.

THE CONTRACTOR IS RESPONSIBLE TO FURNISH AND INSTALL SANITARY MANHOLES SUCH THAT THEY DO NOT INFILTRATE WATER.

PRESSURE SEWER MAIN PIPE SHALL BE: PR 200 PSI MIN. GASKETED (1-1/2" MIN.) PVC SDR-21, PE 4710 GREEN-SHELL OR GREEN STRIPE IPS (ASTM D3035) DR-11 OR CTS SODR-9 (ASTM D2737) UPSIZED ¼-INCH OR AS NOTED ON THE PLANS.

ALL PRESSURE SANITARY SEWER PIPE SHALL BE BURIED WITH TRACER WIRE SECURED TO THE PIPE WITH GORRILLA TAPE. TRACER WIRE SHALL BE 12 AWG, SINGLE CONDUCTOR, HIGH STRENGTH, FLEXIBLE, STRANDED STAINLESS STEEL, WITH HMWPE GREEN-COLORED INSULATION SUCH AS #10 AS MANUFACTURED BY KRIS-TECH WIRE CO. MAIN BRANCHES AND SERVICE CONNECTIONS SHALL BE MADE WITHOUT CUTTING THE MAIN WIRE, USING 3-WAY DIRECT-BURY LUGS WITH SILICONE GEL ENCAPSULATOR. SPLICES AT ROLL ENDS SHALL BE MECHANICALLY AND ELECTRICALLY FASTENED BY TYING WIRE IN A KNOT AND CONNECTING EXPOSED CONDUCTORS IN SILICONE GEL TWIST ENCAPSULATORS. DIRECT-BURY TRACER WIRE CONNECTORS SUCH AS DRYCONN CONNECTORS BY COPPERHEAD INDUSTRIES, LLC. TRACER WIRE SHALL BE BROUGHT UP 12" MIN. ABOVE GRADE ON THE OUTSIDE OF ALL GATE & CURB BOXES.

ALL SEWER PIPE SHALL HAVE 6-INCH WIDE, GREEN-COLORED PLASTIC SEWER UTILITY I.D. MARKING TAPE BURIED ON TOP OF THE COMPACTED INITIAL PIPE BACKFILL, 12" MIN. ABOVE THE PIPE.

WATER AND SEWER SEPARATION REQUIREMENTS:
MINIMUM 18 INCHES VERTICAL SEPARATION IS REQUIRED BETWEEN WATER MAINS AND ANY EXISTING OR PROPOSED SANITARY AND STORM SEWER AT ALL CROSSINGS, MEASURED OUTSIDE TO OUTSIDE OF PIPES, WITH JOINTS EQUIDISTANT FROM CROSSING POINT, PER NY STATE HEALTH DEPARTMENT REQUIREMENTS. PARALLEL LINES MUST BE SEPARATED A MIN. OF 10 FEET.

WHERE MINIMUM SEPARATIONS CANNOT BE MET, WITH CASE-BY-CASE-APPROVAL FROM NYS DOH:
- NEW SEWERS SHALL BE CONSTRUCTED OF MIN. PR 150 PSI AWWA WATER GRADE MATERIALS AND SHALL BE PRESSURE TESTED TO ENSURE WATER TIGHTNESS.
- LESS THAN 10 FT. SEPARATION ONLY IF WATER MAIN IS LAID IN A SEPARATION TRENCH OR ON AN EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18" ABOVE THE TOP OF THE GRAVITY SEWER.
- WHERE FORCE AND GRAVITY SEWERS PRE-EXIST: THE WATER MAIN SHALL BE INSTALLED WITHIN A PROTECTIVE CASING PIPE, CONSTRUCTED OF MIN. PR 150 PSI AWWA WATER GRADE MATERIALS, AND EXTEND 10 FT. MIN. ON BOTH SIDE OF THE SEWER BEING CROSSED OR, WHERE PARALLEL, TO A POINT WHERE THE LINES ARE SEPARATED BY 10 FT.
- WHERE A WATER MAIN AND/OR WATER WELLS PRE-EXIST AND A FORCE MAIN IS BEING CONSTRUCTED: THE FORCE MAIN SHALL BE INSTALLED WITHIN A PROTECTIVE CASING PIPE, CONSTRUCTED OF MIN. PR 150 PSI AWWA WATER GRADE MATERIALS, AND EXTEND 10 FT. MIN. ON BOTH SIDES OF THE WATER MAIN BEING CROSSED; WHERE PARALLEL, TO A POINT WHERE THE LINES ARE SEPARATED BY 10 FT.; OR TO A POINT WHERE THE ENDS OF THE CASING PIPE ARE 150 FT. MIN. FROM ANY WATER WELL.

ALL NEW WATER MAIN WORKS ARE TO BE HYDROSTATICALLY TESTED AT 150 PSIG MIN. (AS MEASURED AT THE LOWEST POINT) IN ACCORDANCE WITH AWWA STANDARDS: C600-17 FOR DUCTILE IRON PIPE, MANUAL M23 FOR PVC, AND MANUAL M55 FOR PE. RESULTS TO BE SUBMITTED TO MUNICIPAL ENGINEER. MODIFICATIONS TO EXISTING WORKS SHALL BE VISUALLY TESTED FOR LEAKS UNDER NORMAL WORKING PRESSURE PRIOR TO BACKFILL.

ALL WATER MAIN WORKS SHALL BE DISINFECTED AND BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH AWWA STANDARD C651-14 (SEE DISINFECTION PROCEDURE ON WATER DETAIL SHEET). RESULTS TO BE SUBMITTED TO THE MUNICIPAL ENGINEER.

POTABLE WATER MAIN PIPE TO BE:
- WHITE OR BLUE-COLORED PVC OR PVCO SDR-21;
- PE 4710 IPS OR DIPS, DR-11 (PR 200 PSI) BLUESTRIPE AWWA C-906

POTABLE WATER SERVICE TUBING TO BE:
- PE 4710 BLUE WATER SERVICE TUBING (CTS) ASTM D2737 SODR-9

ALL PLASTIC WATER MAIN AND WATER SERVICE TUBING SHALL BE BURIED WITH TRACER WIRE SECURED TO THE PIPE WITH GORILLA TAPE. BLUE-COLORED #10 BY KRIS-TECH WIRE CO. MAIN BRANCHES AND SERVICE CONNECTIONS SHALL BE MADE WITHOUT CUTTING THE MAIN WIRE, USING 3-WAY DIRECT-BURY LUGS WITH SILICONE GEL ENCAPSULATOR. SPLICES AT ROLL ENDS SHALL BE MECHANICALLY AND ELECTRICALLY FASTENED BY TYING WIRE IN A KNOT AND CONNECTING EXPOSED CONDUCTORS IN SILICONE GEL TWIST ENCAPSULATORS. DIRECT-BURY TRACER WIRE CONNECTORS SUCH AS DRYCONN CONNECTORS BY COPPERHEAD INDUSTRIES, LLC. TRACER WIRE SHALL BE BROUGHT UP 12" MIN. ABOVE GRADE ON THE OUTSIDE OF ALL HYDRANTS, GATE & CURB BOXES.

ALL WATER PIPE SHALL HAVE 6-INCH WIDE, BLUE-COLORED PLASTIC WATER UTILITY I.D. MARKING TAPE BURIED ON TOP OF THE COMPACTED INITIAL PIPE BACKFILL, 12" MIN. ABOVE THE PIPE.

THRUST BLOCKING TO COMPLY WITH THE MUNICIPAL STANDARDS. THRUST BLOCKS TO BE CAST-IN-PLACE CONCRETE MIN. 3,000 PSI (SEE DETAIL).

ALL STORM SEWER PIPE TO BE DUAL WALL HIGH-DENSITY POLYETHYLENE WITH SMOOTH INTERIOR AND ANNULAR CORRUGATED EXTERIOR. PIPE JOINTS ARE TO BE SILT-TIGHT WITH EITHER INTEGRAL BELL & SPIGOT JOINTS WITH RUBBER GASKETS MEETING ASTM F477, SILT-TIGHT PREMIUM BAND COUPLERS WITH RUBBER GASKETS OR STANDARD BAND COUPLERS WRAPPED WITH NON-WOVEN GEOTEXTILE FABRIC 4-FEET WIDE AND OVERLAPPED AT EACH END. WATERTIGHT JOINTS ARE REQUIRED WHERE PE PIPE IS SPECIFIED FOR SMA BASIN INLET PIPE AND FITTINGS.

CATCH BASIN GRATES ARE TO BE BICYCLE SAFE.

THE INFORMATION REPRESENTED WITHIN THESE DOCUMENTS DOES NOT IMPLY ANY CONTRACT WITH, OR OBLIGATION FOR, PERFORMING ANY OR ALL TOWN, COUNTY, OR STATE REQUIRED INSPECTIONS DURING THE COURSE OF CONSTRUCTION OR PURSUANT TO OBTAINING CERTIFICATE OF OCCUPANCY. SUCH INSPECTION SERVICES, IF PERFORMED BY THIS OFFICE, SHALL BE ESTABLISHED BY SEPARATE CONTRACT.

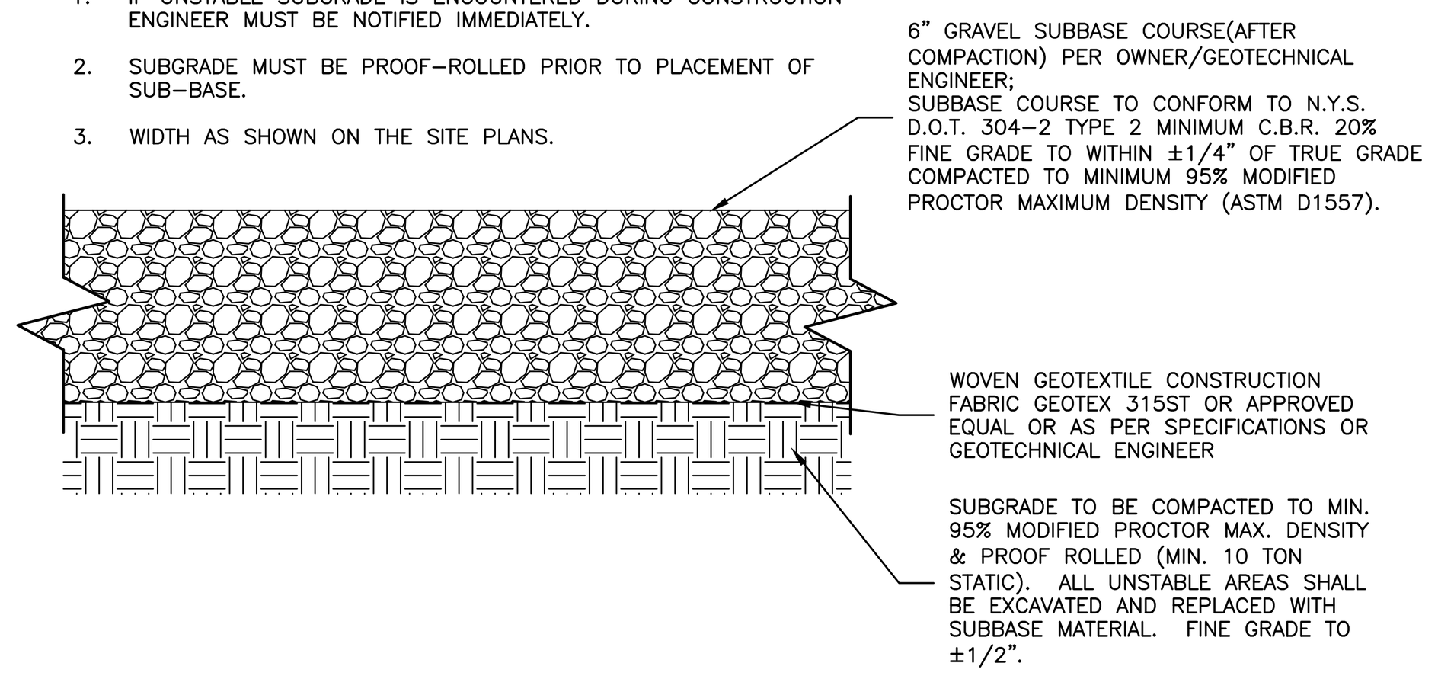
IN THE EVENT THAT THE CONSTRUCTION STAKEOUT AND INSPECTION OF THE WORK IS NOT PERFORMED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP (EDP), EDP WILL NOT BE HELD RESPONSIBLE FOR ANY ERRORS, OMISSIONS, COSTS, EXPENSES OR LIABILITY OF WHATEVER KIND AND NATURE RESULTING FROM FIELD CHANGES AND/OR ERRORS WHICH EDP WOULD OTHERWISE HAVE HAD AN OPPORTUNITY TO CHECK AND CORRECT WERE THEY IN A POSITION TO CONTROL THE PROJECT THROUGH STAKEOUT AND INSPECTION.

CLAIMS MADE AGAINST CONSULTANT FOR SURVEY STAKEOUT ERRORS WILL BE HONORED ONLY IF CONSULTANT IS NOTIFIED FOR VERIFICATION OF THE ERROR IMMEDIATELY UPON DISCOVERY AND BEFORE ANY CONTROL STAKES ARE DISTURBED. IF, AFTER VERIFICATION, IT IS DETERMINED THAT NO STAKEOUT ERROR OCCURRED, THE CLIENT SHALL REIMBURSE THE CONSULTANT FOR ADDITIONAL EXPENSES INCURRED FOR SUCH VERIFICATION.

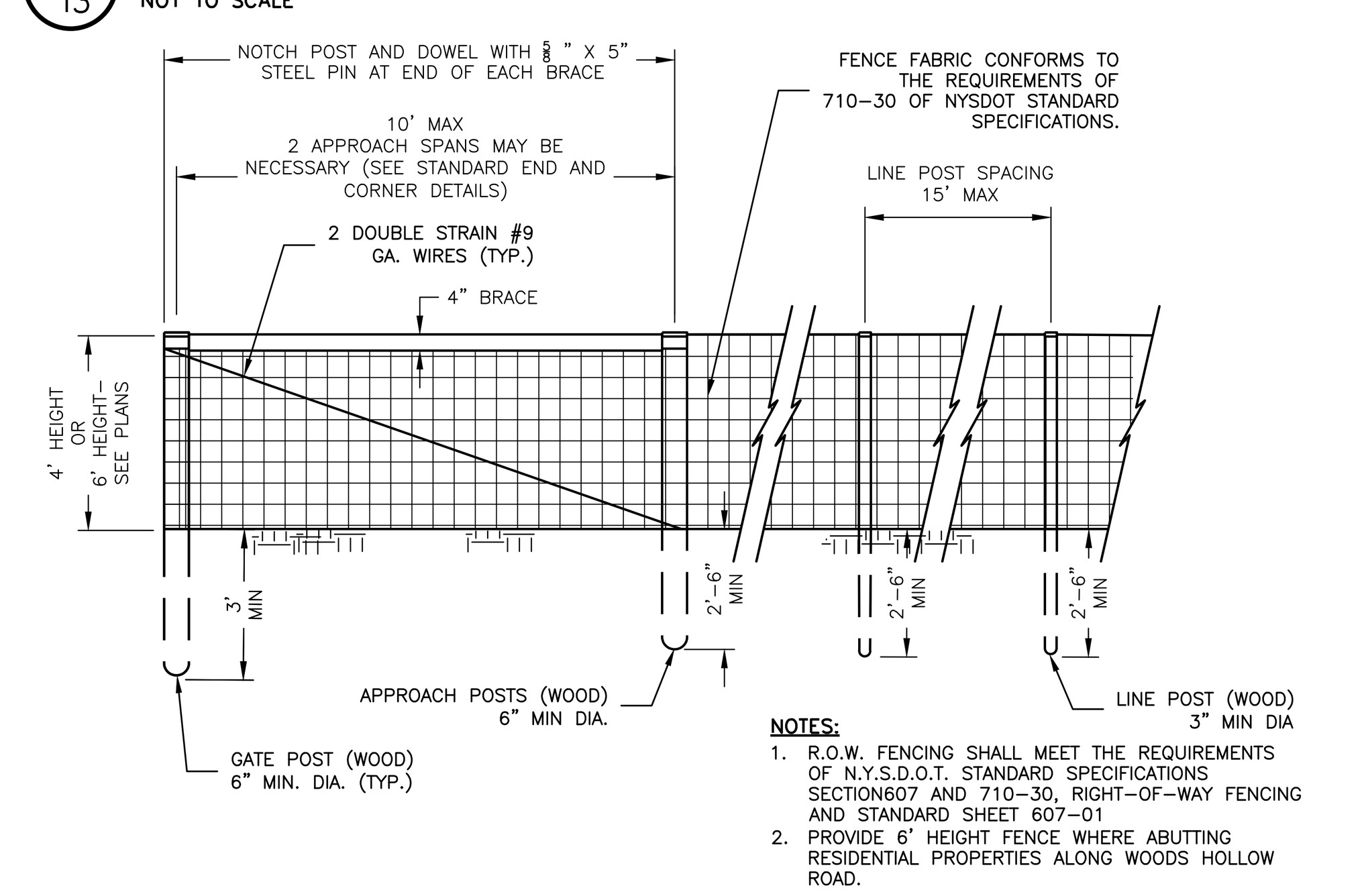
ALL ERRORS, OMISSIONS AND DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENVIRONMENTAL DESIGN PARTNERSHIP IMMEDIATELY UPON DISCOVERY, OTHERWISE, THE ENVIRONMENTAL DESIGN PARTNERSHIP WILL ACCEPT NO RESPONSIBILITY.

INSPECTION SERVICES BY THE ENVIRONMENTAL DESIGN PARTNERSHIP ARE NOT SUPERVISORY. ACCORDINGLY, THE ENVIRONMENTAL DESIGN PARTNERSHIP CAN NEITHER GUARANTEE THE PERFORMANCE OF THE CONSTRUCTION CONTRACTS BY CONTRACTORS NOR ASSUME RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO FURNISH AND PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

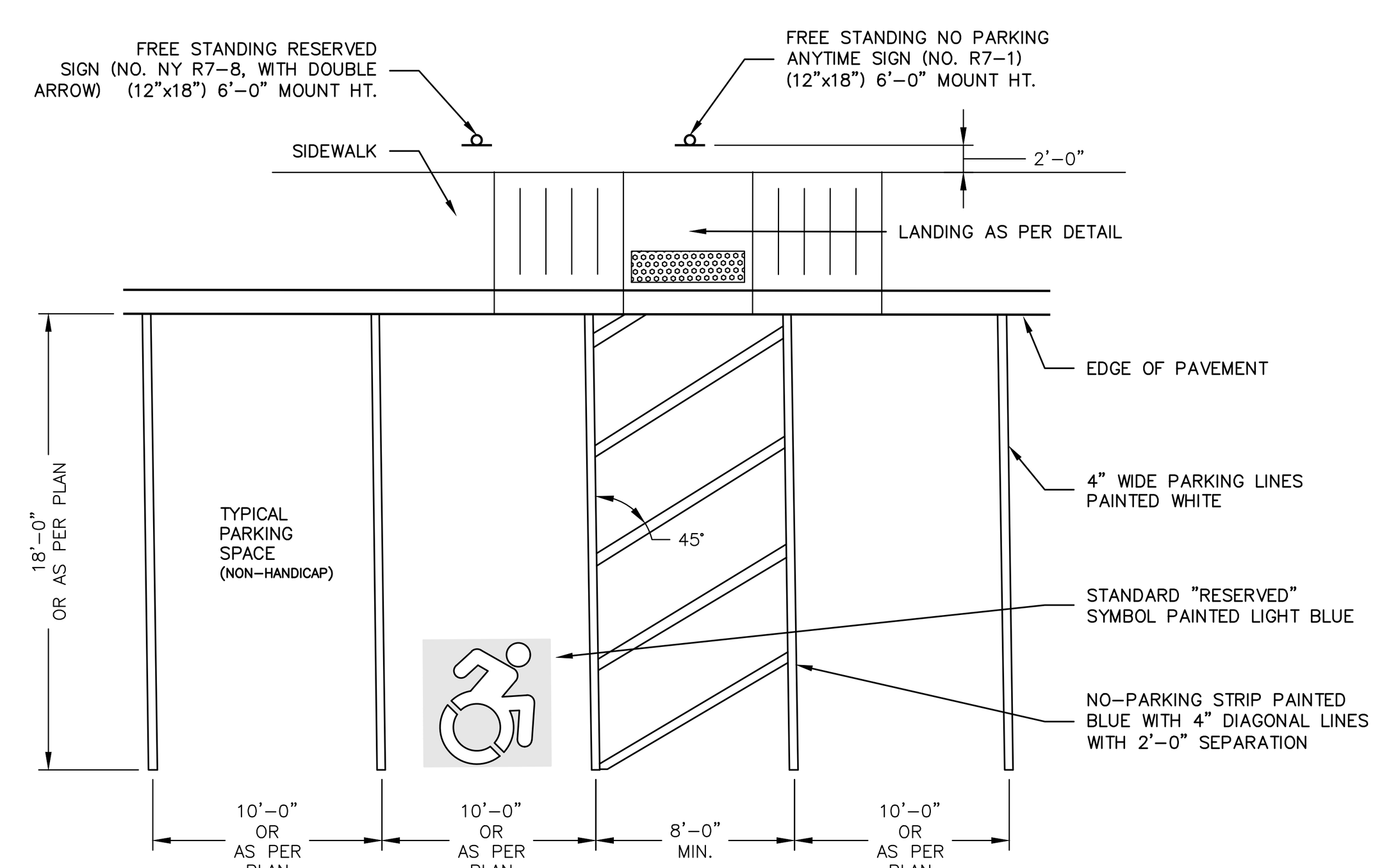
CONTRACTOR SHALL OBTAIN A PERMIT FROM SARATOGA COUNTY SEWER DISTRICT NO. 1 PRIOR TO CONSTRUCTION OF ANY PROPOSED SANITARY SEWER LINES AND FOLLOW ALL PERMIT PROCEDURES DURING CONSTRUCTION.



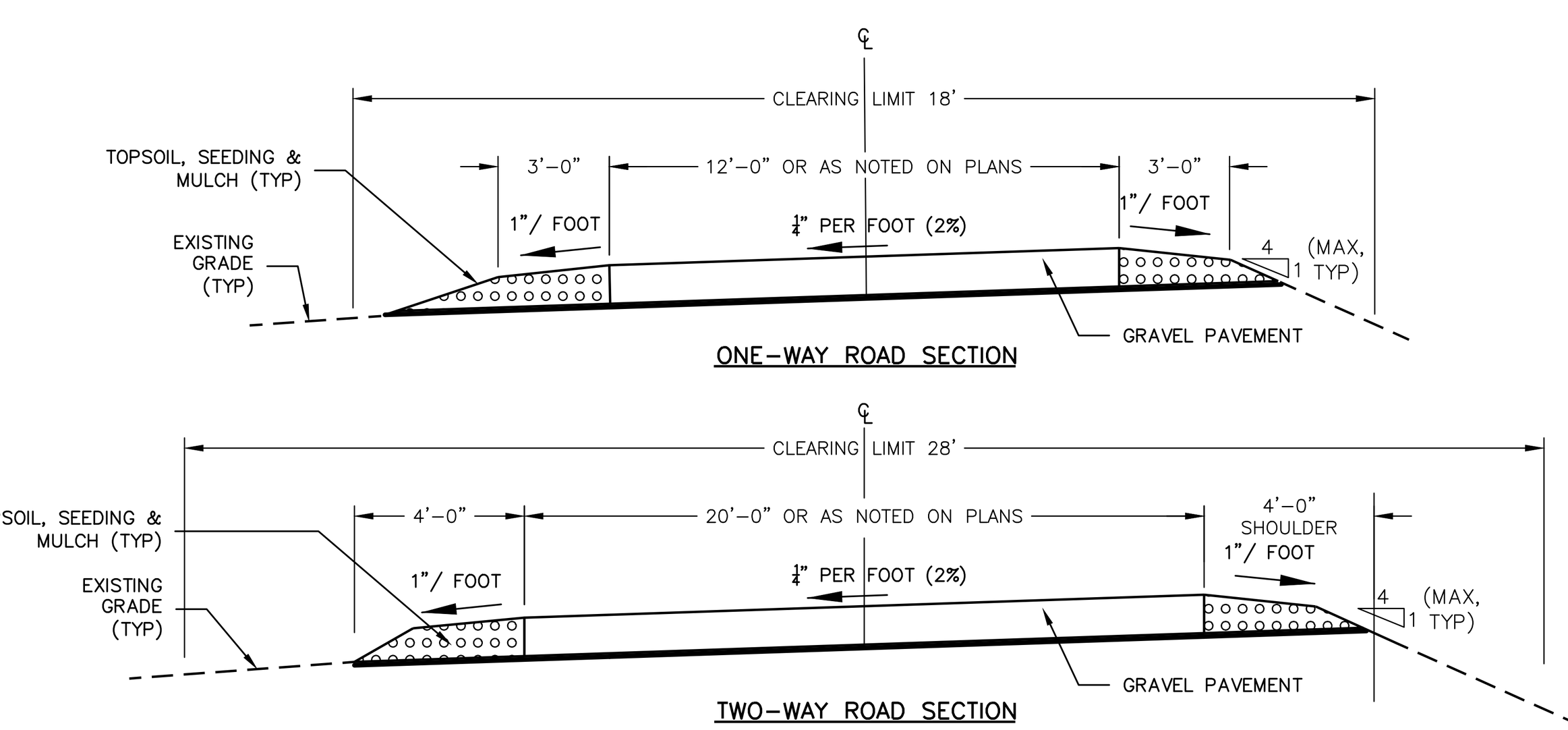
2/13 GRAVEL PAVEMENT SECTION
NOT TO SCALE



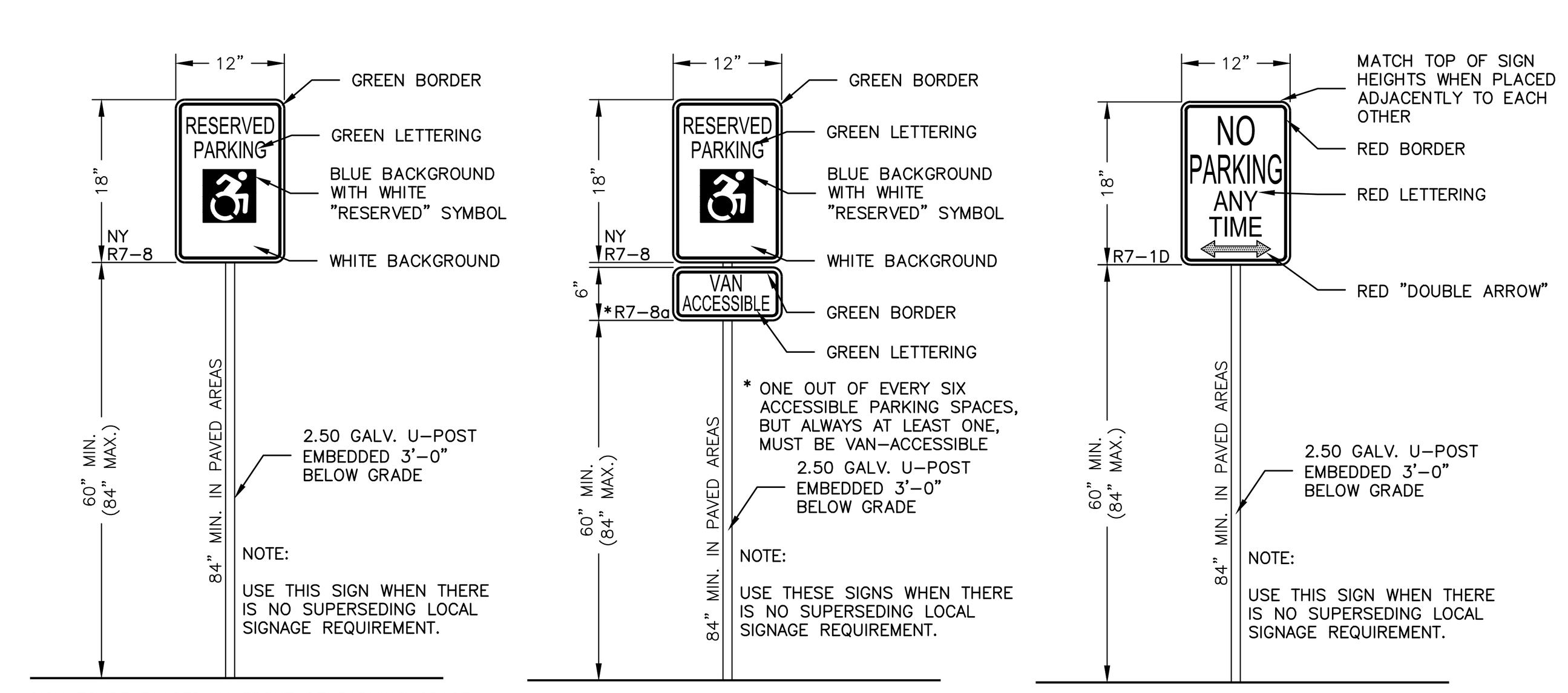
3/13 R.O.W. FENCING
NOT TO SCALE



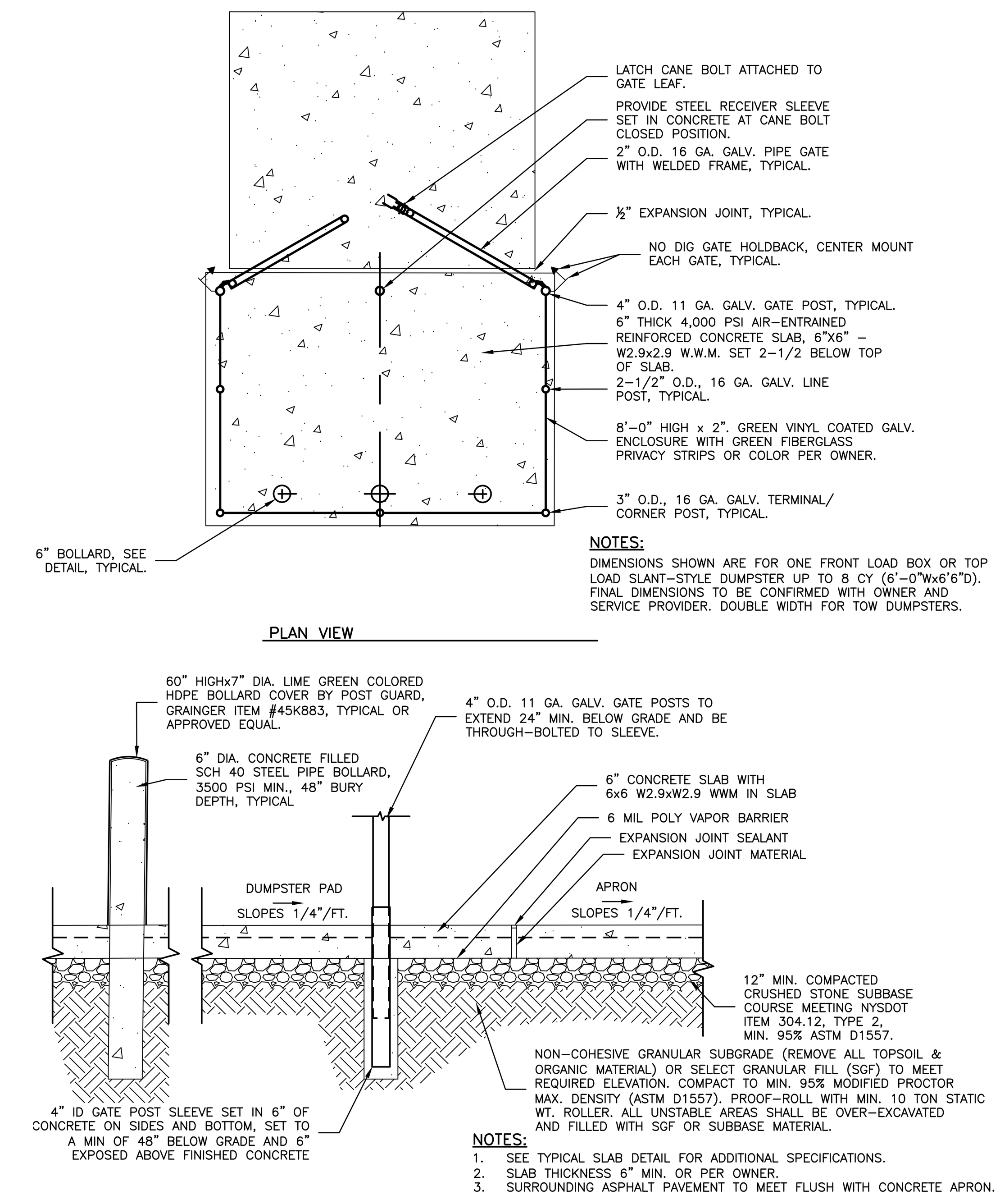
4/13 PARKING STRIPING AND DIMENSIONING
NOT TO SCALE



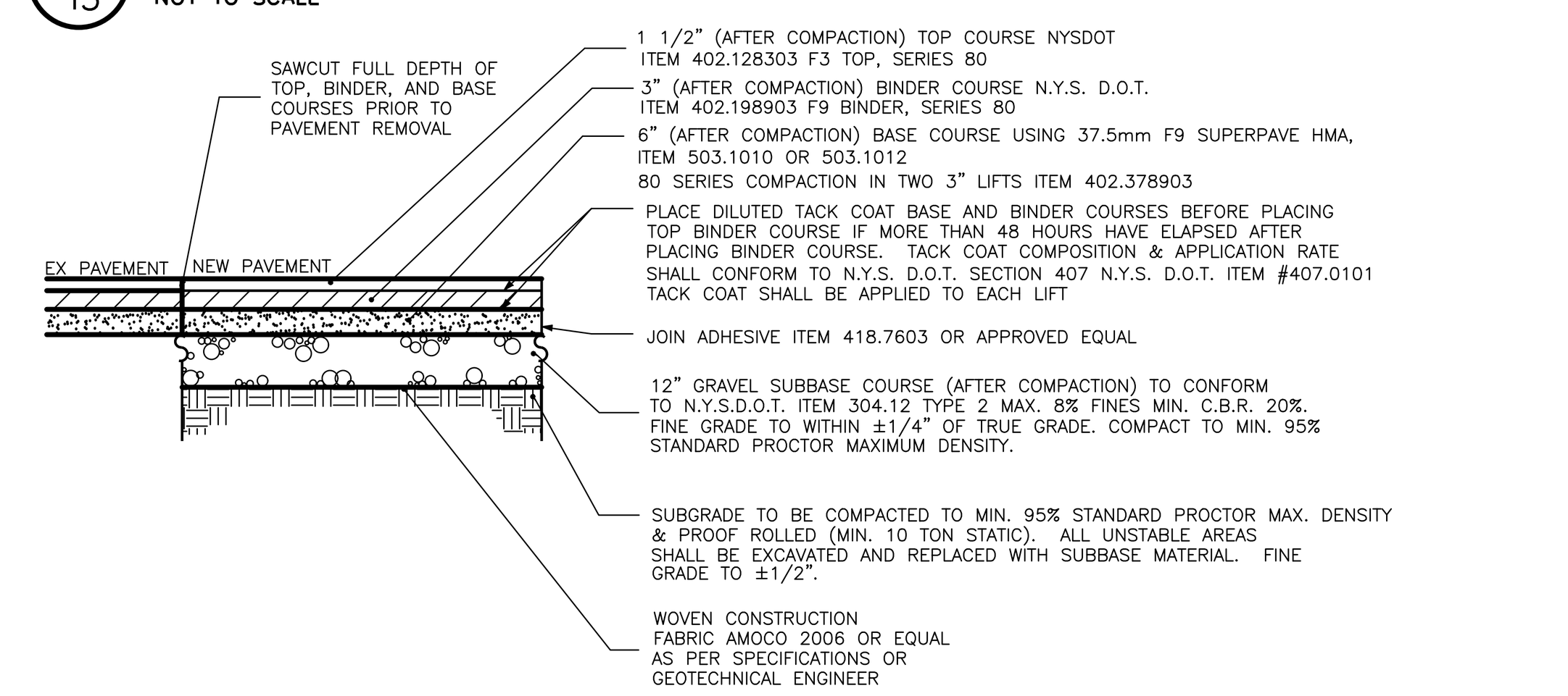
1/13 ROAD SECTIONS
NOT TO SCALE



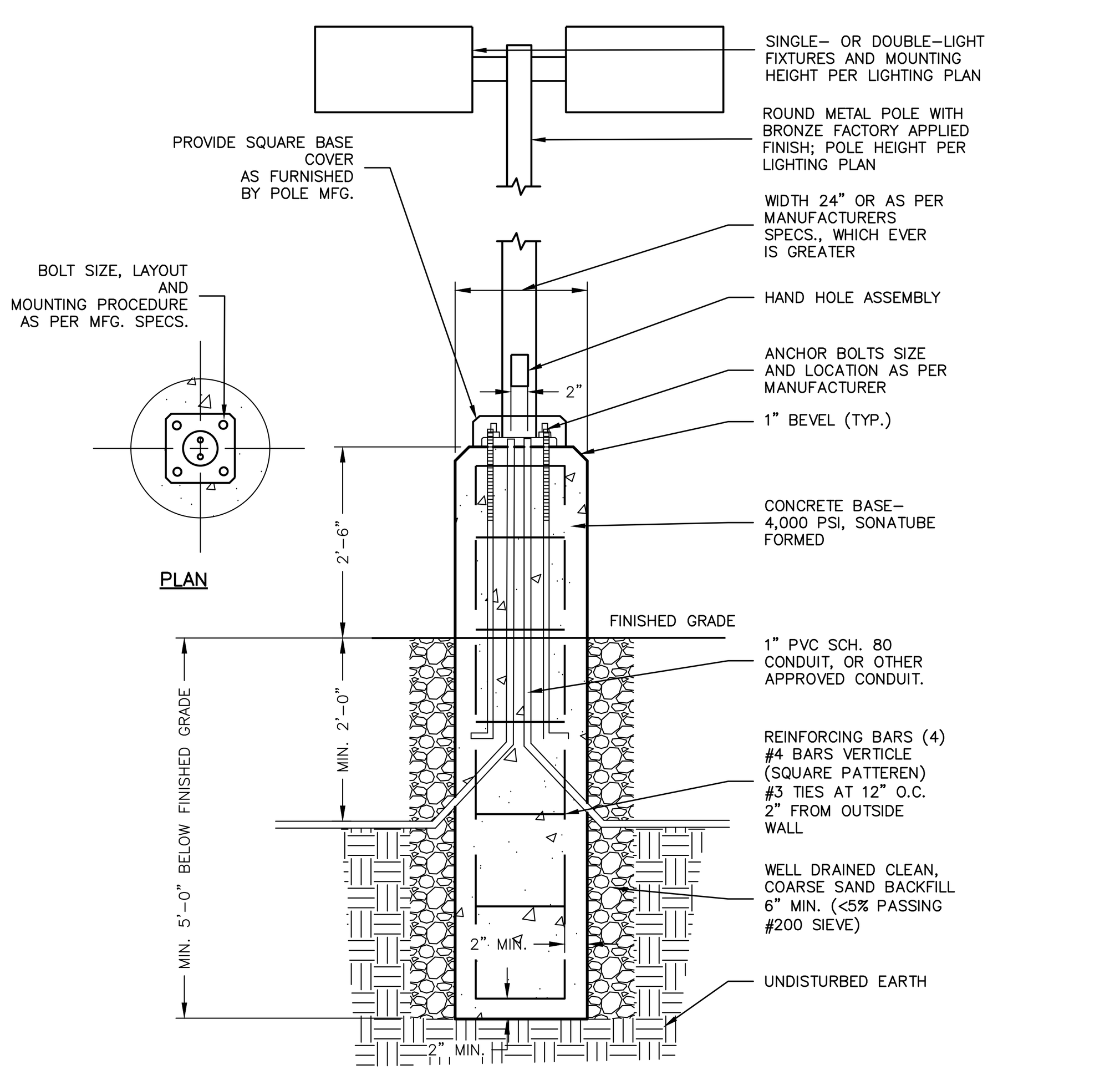
5/13 ADA ACCESSIBLE PARKING SIGNAGE (NYSBC)
NOT TO SCALE



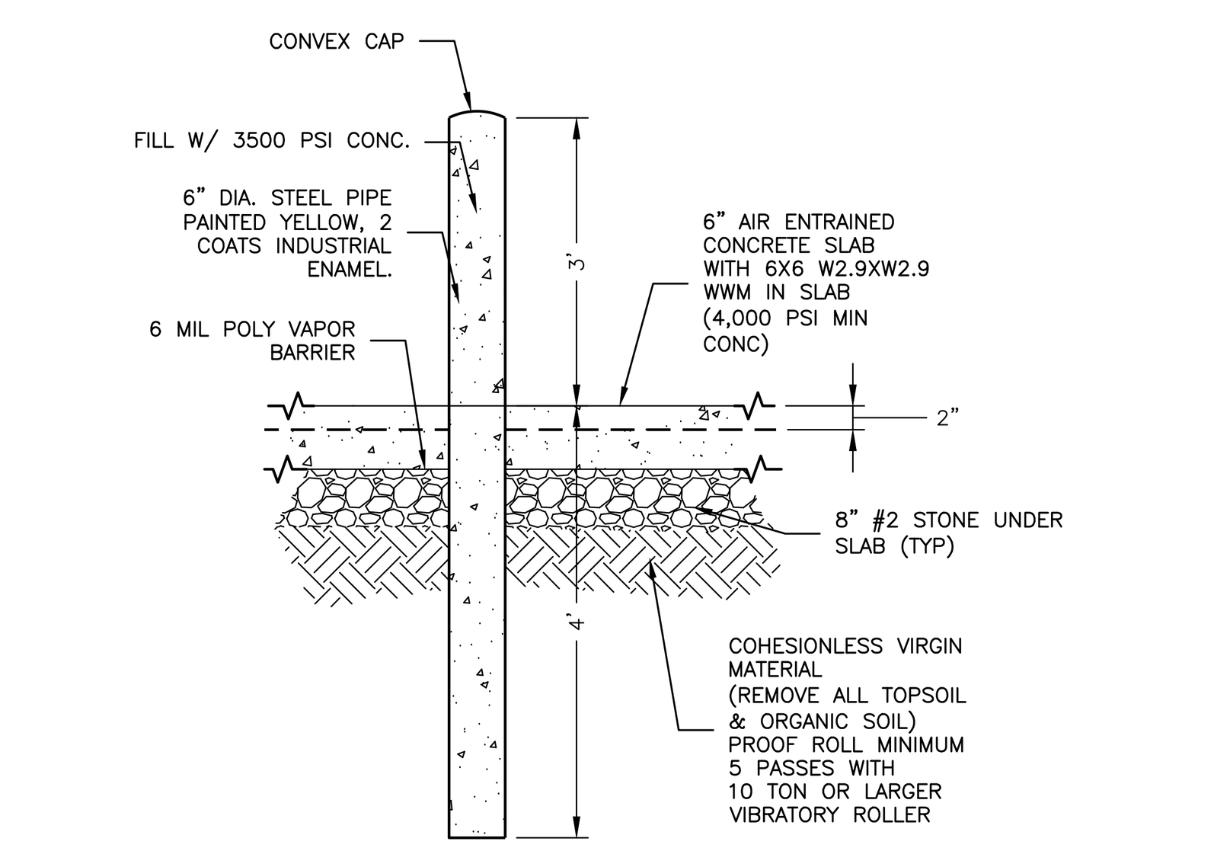
6/13 REFUSE ENCLOSURE
NOT TO SCALE



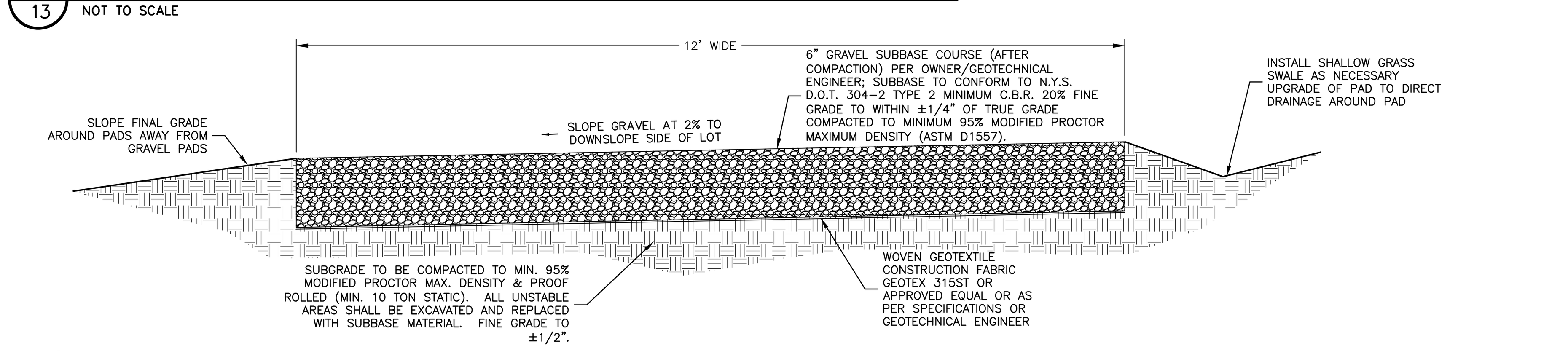
7/13 NYSDOT PAVEMENT SECTION
NOT TO SCALE



8/13 LIGHT POLE BASE
NOT TO SCALE

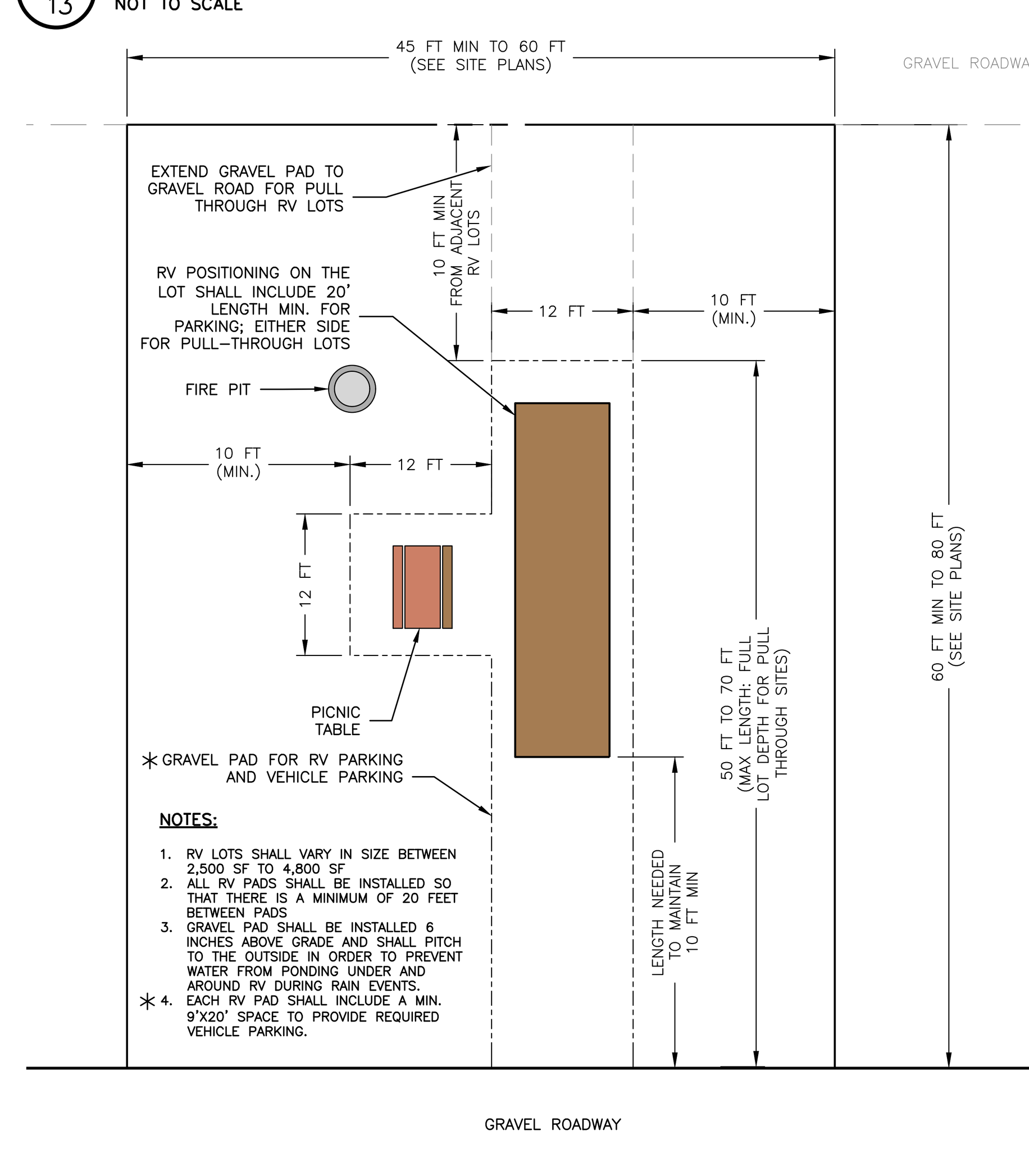


9/13 STEEL BOLLARD
NOT TO SCALE

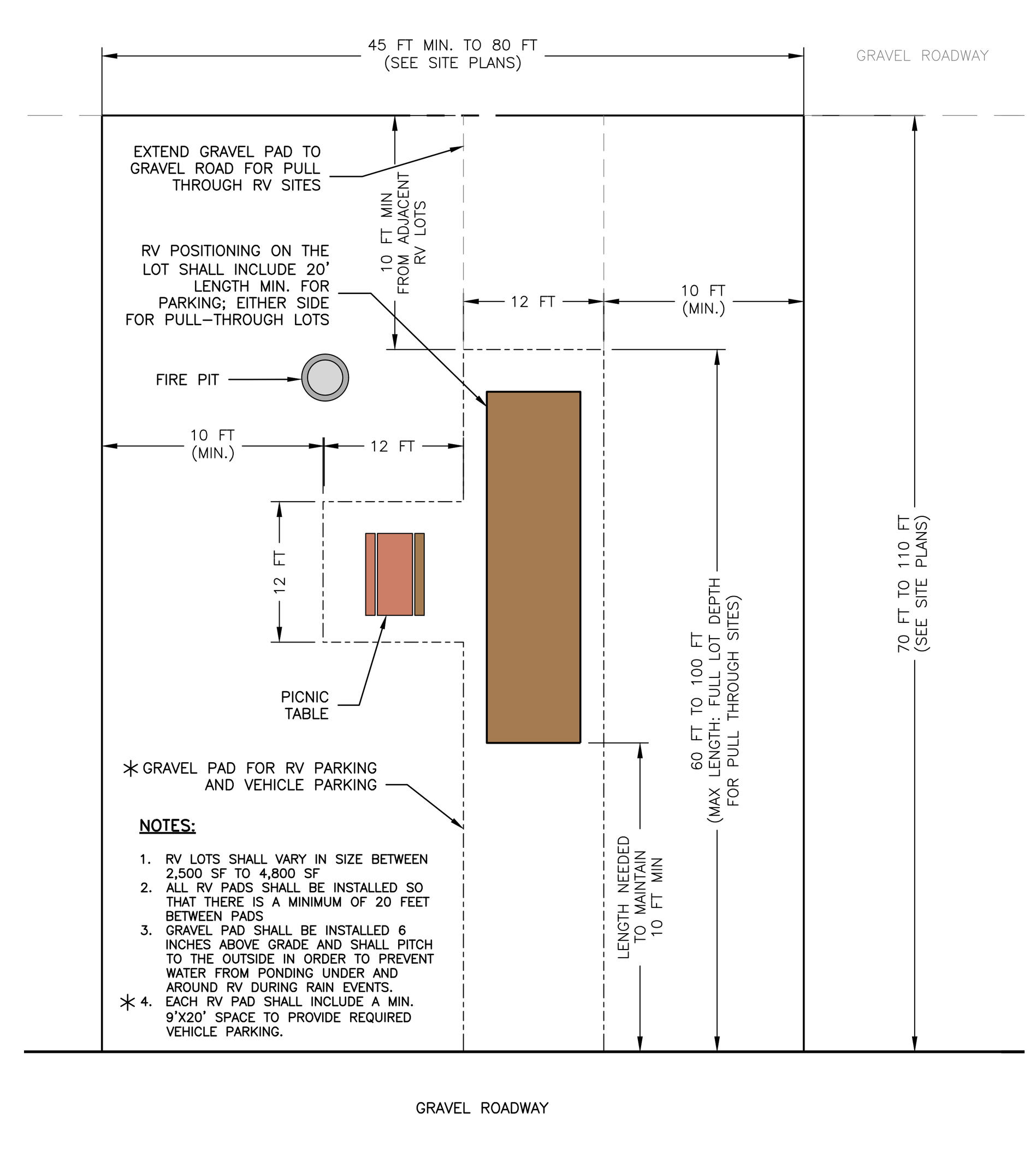


10/13 RV SITE GRAVEL PAD
NOT TO SCALE

NEW YORK STATE OF OPPORTUNITY. Adirondack Park Agency
FINAL
P2022-0008



11/13 RV SITE TYPICAL LAYOUT 2500 SF
NOT TO SCALE



12/13 RV SITE TYPICAL LAYOUT 5000 SF
NOT TO SCALE

edp ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621 edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

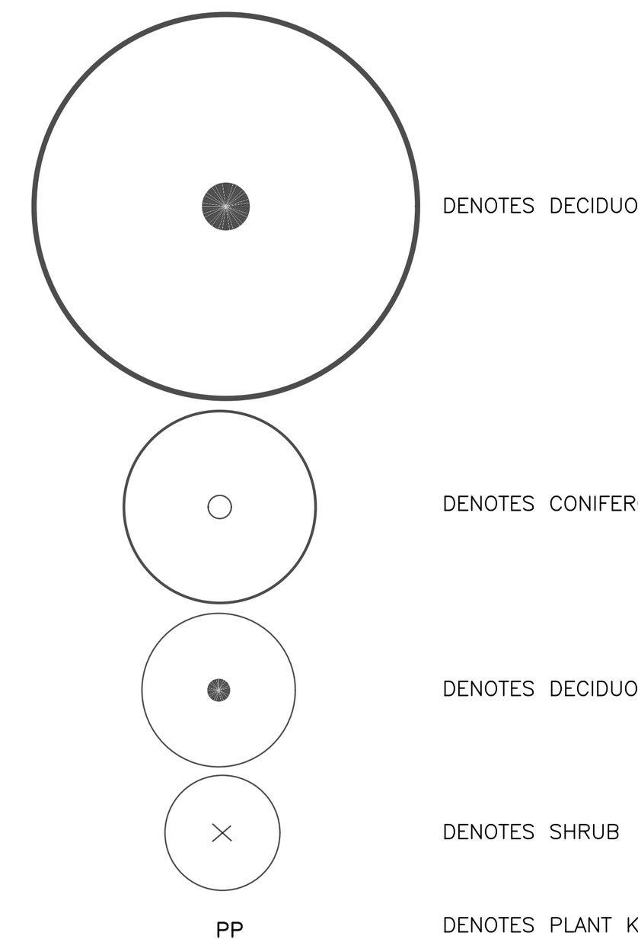
SCALE:
AS NOTED

NOT FOR CONSTRUCTION

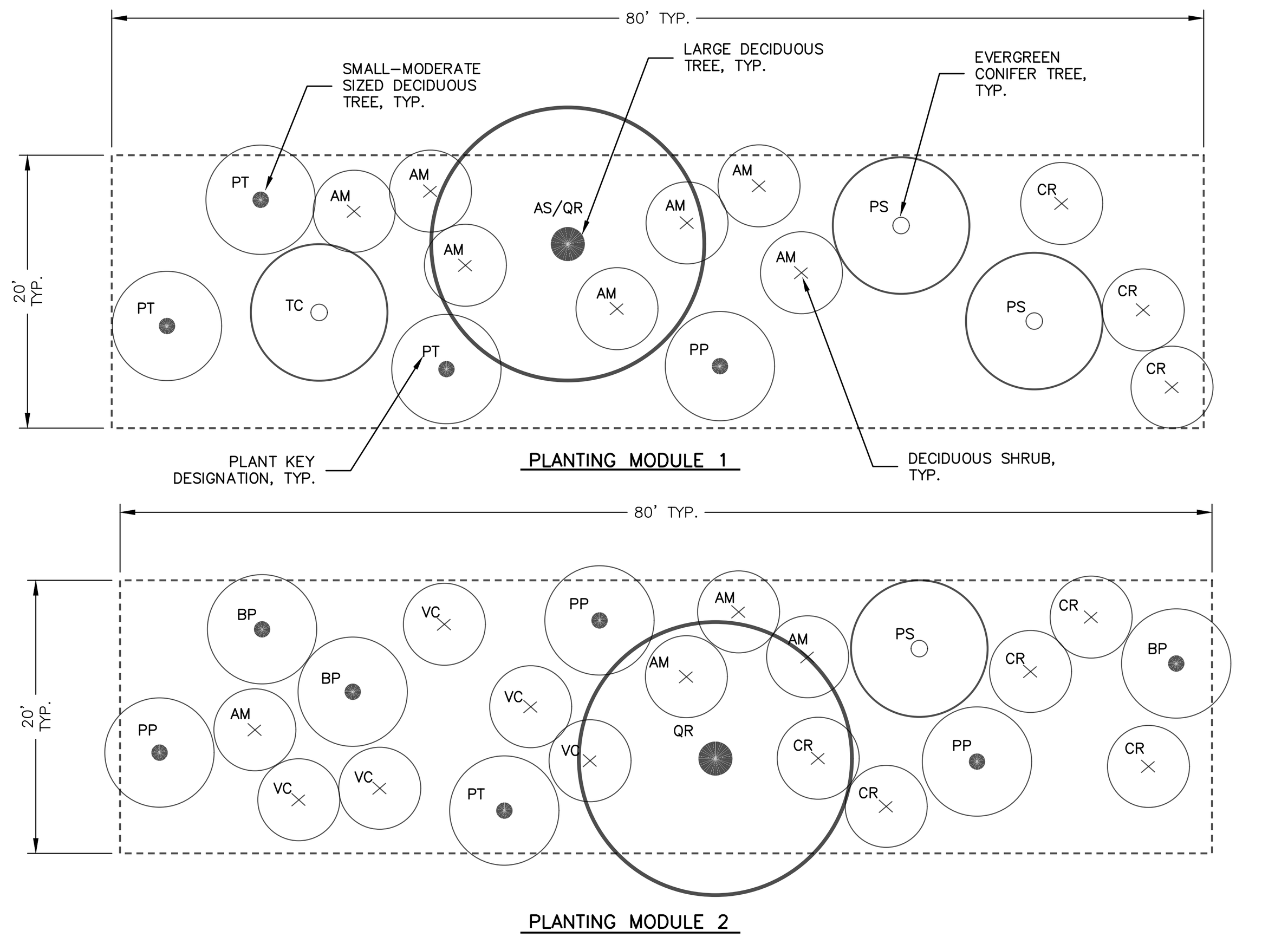
SHEET TITLE:
SITE DETAILS

SHEET:

LEGEND:



NOTE:
1. PROVIDE QUANTITY OF PLANTING MO... MEET BUFFER LENGTH INDICATED O...
2. ALTERNATE MODULE LAYOUTS TO FI... EXISTING NATURALIZED VEGETATION CONDITIONS.
3. PLANT LOCATIONS MAY BE FIELD-A... TO IMPROVE SCREENING EFFECT AN... UTILITY CONFLICTS OR OTHER PHYS... CONSTRAINTS.



1/14 BUFFER PLANTING MODULES
NOT TO SCALE

PLANT SCHEDULE - BUFFER PLANTING MODULES

KEY	QUANTITY PER EACH MODULE 1	QUANTITY PER EACH MODULE 2	*TOTAL QTY	BOTANICAL NAME	COMMON NAME	SIZE/ ROOT CONDITION	INSTALL SIZE (HT)	**NATIVE SPECIES STATUS
AS	1	—	11	ACER SACCHARUM	SUGAR MAPLE	1.5" CALIPER; CONTAINER	10-12' HT	NATIVE; FULTON COUNTY
QR	—	1	11	QUERCUS RUBRA	NORTHERN RED OAK	1.5" CALIPER; CONTAINER		NATIVE; FULTON COUNTY
PS	2	1	33	PINUS STROBUS	EASTERN WHITE PINE	4' HT; B&B	4' HT	NATIVE; FULTON COUNTY
TC	1	—	11	TSUGA CANADENSIS	CANADIAN HEMLOCK	5' HT; B&B	5' HT	NATIVE; FULTON COUNTY
BP	—	3	33	BETULA POPULIFOLIA	GRAY BIRCH	#7 CONTAINER	4'-6' HT	NATIVE; FULTON COUNTY
PT	3	1	44	POPULUS TREMULOIDES	QUAKING ASPEN	#7 CONTAINER	4'-6' HT	NATIVE; FULTON COUNTY
PP	1	3	44	PRUNUS PENSYLVANICA	PIN CHERRY	#7 CONTAINER	4'-6' HT	NATIVE; FULTON COUNTY
CR	3	5	88	CORNUS RACEMOSA	GRAY DOGWOOD	#3 CONTAINER	2'-4' HT	NATIVE; FULTON COUNTY
VC	—	4	44	VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	#5 CONTAINER	2'-3' HT	NATIVE; FULTON COUNTY
AM	7	4	121	ARONIA MELANOCARPA	BLACK CHOKEBERRY	#5 CONTAINER	2'-3' HT	NATIVE; FULTON COUNTY

* NOTE: TOTAL PLANT QUANTITIES ARE BASED ON 1760 FT TOTAL LENGTH OF BUFFER PLANTINGS AS INDICATED ON PLANS, COMPRISED OF 11 EACH OF BOTH MODULE 1 AND MODULE 2, AS FOLLOWS.

A. 20' WIDE X 720' LENGTH ALONG WOODS HOLLOW ROAD FRONTAGE, WEST (4 EACH OF MODULE 1, 5 EACH OF MODULE 2)
B. 20' WIDE X 480' LENGTH ALONG PROPERTY LINES ABUTTING RESIDENTIAL PROPERTIES NEAR WOODS HOLLOW ROAD FRONTAGE, EAST (3 EACH OF MODULE 1 AND 2)
C. 20' WIDE X 400' LENGTH ALONG WOODS HOLLOW ROAD FRONTAGE, EAST (3 EACH OF MODULE 1, 2 EACH OF MODULE 2)
D. 20' WIDE X 160' LENGTH ALONG NYS ROUTE 30 (1 EACH OF MODULE 1, 1 EACH OF MODULE 2)

** NOTE: NATIVE SPECIES STATUS DETERMINED BY FIELD-DOCUMENTED OCCURENCE IN FULTON COUNTY AS LISTED IN THE 2021 NEW YORK FLORA ATLAS (NYSFA - NEW YORK FLORA ASSOCIATION)

PLANTING NOTES:

1. PLANTING CONTRACTOR SHALL VERIFY FINAL SELECTION OF PLANT MATERIALS WITH THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. ALL AREAS OF SITE WHICH ARE DISTURBED AND NOT LANDSCAPED, PAVED, SHALL BE TOPSOILED, SEEDED, AND MULCHED . (MULCH – STRAW, HYDROSEED MIX, OR BIODEGRADABLE NETTING.) MIXTURES TO BE APPLIED SHALL BE DETERMINED BY OWNER'S REPRESENTATIVES. TOPSOIL TO BE 4" MINIMUM.
3. EXISTING VEGETATION SHALL REMAIN UNDISTURBED WITHIN ALL AREAS OF SITE WHICH DO NOT REQUIRE GRADING.
4. ALL PLANTING BEDS TO RECEIVE 3" MINIMUM BARK MULCH WITH FILTER FABRIC WEED CONTROL OR EQUAL.
5. THIS PLAN IS FOR PLANTING PURPOSES ONLY. REFER TO SITE PLAN FOR DETAILED GRADING AND UTILITY INFORMATION.
6. GUARANTEE:
   A. FOR A PERIOD OF TWELVE MONTHS FROM THE DATE THAT THE WORK UNDER CONTRACT IS CERTIFIED AS COMPLETE, THE CONTRACTOR SHALL:
1. GUARANTEE ALL PLANTS AND SEEDED AREAS UNDER THIS CONTRACT;
2. REMOVE AND REPLACE DURING THIS GUARANTEE PERIOD, PLANTS WHICH DIE OR ARE IN A BADLY IMPAIRED CONDITION;
3. REPLANT WITH STOCK OF SAME SIZE AND QUALITY AS ORIGINALLY SPECIFIED;
4. GUY AND MAINTAIN AS SPECIFIED HEREIN, AT NO ADDITIONAL COST.
   B. REPLACEMENTS MADE WITHIN SIX MONTHS AFTER BEGINNING OF THE "GUARANTEE PERIOD" SHALL NOT EXTEND THE "GUARANTEE PERIOD" OF THESE PARTICULAR PLANTS; THOSE REPLACEMENTS MADE SIX MONTHS OR MORE AFTER THE BEGINNING OF THE "GUARANTEE PERIOD" SHALL BE MAINTAINED AND GUARANTEED FOR A PERIOD OF SIX MONTHS FROM THE TIME OF REPLACEMENT.
7. APPLICABLE STANDARDS: "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND "STANDARDIZED PLANT NAMES" BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE, ARE A PART OF THIS SPECIFICATION. ALL PLANTS SHALL BE NURSERY GROWN, NOT GATHERED IN THE FIELD.

PLANTING NOTE:

PLANTS LISTED IN THE PLANTING SCHEDULE MAY BE SUBSTITUTED FOR SIMILAR SPECIES OF THE SAME SIZE WITH THE WRITTEN APPROVAL OF THE OWNER/DEVELOPER AND/OR PROJECT LANDSCAPE ARCHITECT. SUBSTITUTIONS SHALL MEET ALL PERMIT AND APPROVAL REQUIREMENTS.

PLANTING BED PREPARATION NOTE:

ALL PAVEMENT, AND GRAVEL BASE SHALL BE REMOVED FROM PROPOSED PLANTING BEDS AREAS. COMPACTED SUBBASE MATERIALS SHALL BE DECOMPACTED FOR A DEPTH OF 12". PLANTING BEDS SHALL BE FREE OF ROOTS AND TILLED TO A DEPTH 12". INCORPORATE 2" OF COMPOST INTO SOIL. TOP DRESS ALL PLANTINGS WITH 3" OF COMPOSTED SHREDDED HARDWOOD MULCH.

TOPSOIL NOTE:

ALL AREAS WHICH ARE DISTURBED AND NOT LANDSCAPED, PAVED OR OTHERWISE RESTORED SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL. ALL PLANTING BEDS OR INDIVIDUAL PLANTING PITS SHALL RECEIVE A MINIMUM OF 12" OF TOPSOIL. ON-SITE SURFACE SOIL WILL BE STRIPPED AND STOCKPILED FOR REUSE AS TOPSOIL ON SITE. PROVIDE IMPORTED TOPSOIL IF ON-SITE QUANTITY IS INSUFFICIENT TO MEET PROJECT NEEDS.
TOPSOIL SHALL HAVE:
2% -6% ORGANIC MATTER
PH OF 6-7.6%
MAXIMUM PARTICLE SIZE 1.5"

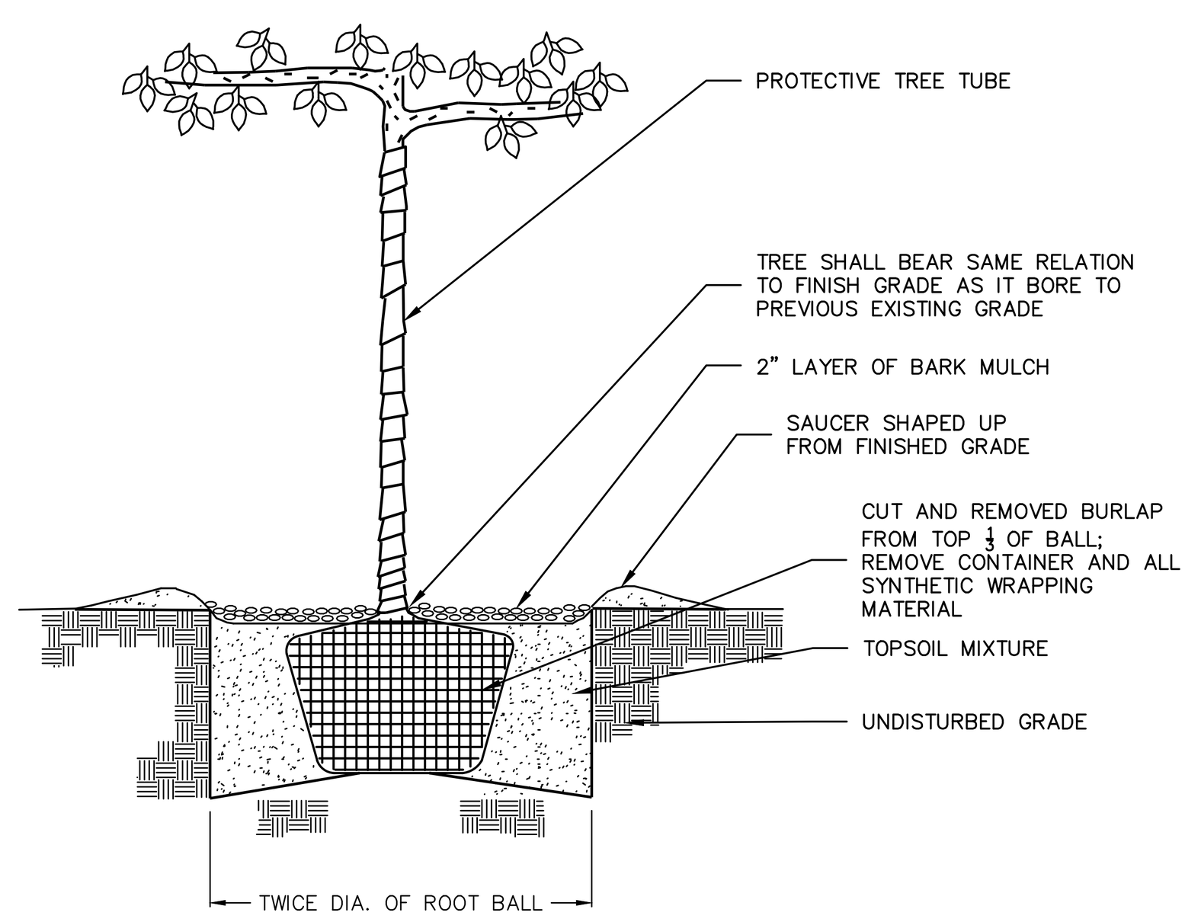
SEED MIXES:

PERMANENT VEGETATION: SEED ALL AREAS WHICH ARE DISTURBED AND NOT PLANTED, PAVED OR OTHERWISE RESTORED WITH TURFGRASS SEED CONTAINING A 20% CREEPING RED FESCUE, 30% PERENNIAL RYEGRASS, 30% TALL FESCUE AND A MAXIMUM OF 20% ANNUAL RYE GRASS. SEED SHALL BE APPLIED AT A RATE OF 3-5 LBS PER 1000 SF OR 75-150 LBS PER ACRE.

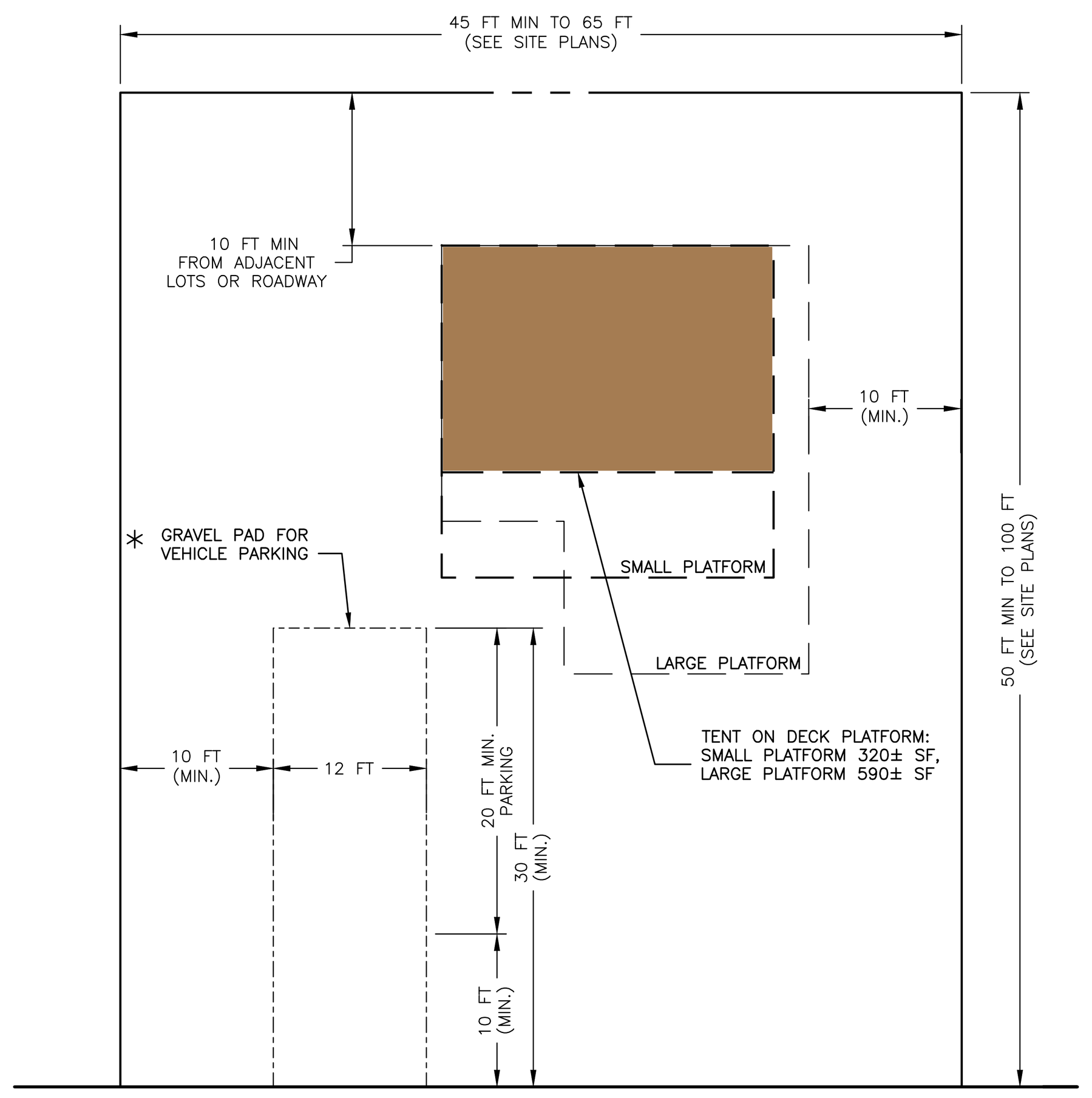
TEMPORARY SEED: ANNUAL RYEGRASS (LOLIUM MULTIFLORUM) OR CEREAL RYE (SECALE CEREALE). REFER TO EROSION & SEDIMENT CONTROL PLAN AND SWPPP.

PLANT MAINTENANCE:

1. ESTABLISHMENT PERIOD: BEGIN MAINTENANCE FOLLOWING INSTALLATION AND CONTINUE UNTIL FINAL ACCEPTANCE AT CLOSE OF ONE-YEAR WARRANTY PERIOD.
2. MAINTENANCE SHALL INCLUDE:
   A. PRUNING, WATERING, CULTIVATING, WEEDING, MULCHING, REPAIR OF STAKES AND GUYS, RESETTING TO PROPER POSITION, RESTORATION OF THE PLANTING SAUCER, AND FURNISHING AND APPLYING TREATMENTS REQUIRED TO KEEP PLANTS PEST- AND DISEASE-FREE.
   B. PROTECT PLANTS AND PLANTING AREAS FREE FROM TRESPASS AND DAMAGE. TREAT OR REPLACE DAMAGED OR INJURED PLANTS. INSTALL TEMPORARY FENCING, TRUNK PROTECTORS OR OTHER BARRIER TO PREVENT DEER BROWSE OR PHYSICAL DAMAGE BY ANIMALS OR INSECTS.
   C. WATERING: SATURATE ALL PLANTINGS TWICE PER WEEK AT THE RATE OF 1" DEPTH APPLIED WATER (RAIN) BY TEMPORARY IRRIGATION OR AS RECEIVED BY NATURAL PRECIPITATION.
3. POST-ESTABLISHMENT:
   A. REMOVE ALL STAKES, GUY WIRES AND ANY PROTECTIVE WRAPPING OR BARRIERS THAT IMPEDE PLANT GROWTH OR HEALTH.
   B. INSPECT PLANTINGS ANNUALLY TO ASSESS HEALTH OF BUFFER PLANTINGS. PROVIDE MAINTENANCE LISTED ABOVE TO PROMOTE AND SUPPORT HEALTHY PLANT GROWTH.
   C. AESTHETIC GOAL: NATURALIZED VEGETATION THAT BLENDS INTO THE SURROUNDING EXISTING VEGETATION. PROVIDE PRUNING AND MAINTAIN ONLY AS NEEDED TO SUSTAIN PLANT HEALTH AND PROVIDE SAFE TREE STRUCTURE; DO NOT SHEAR PLANTS OR TOP TREES.

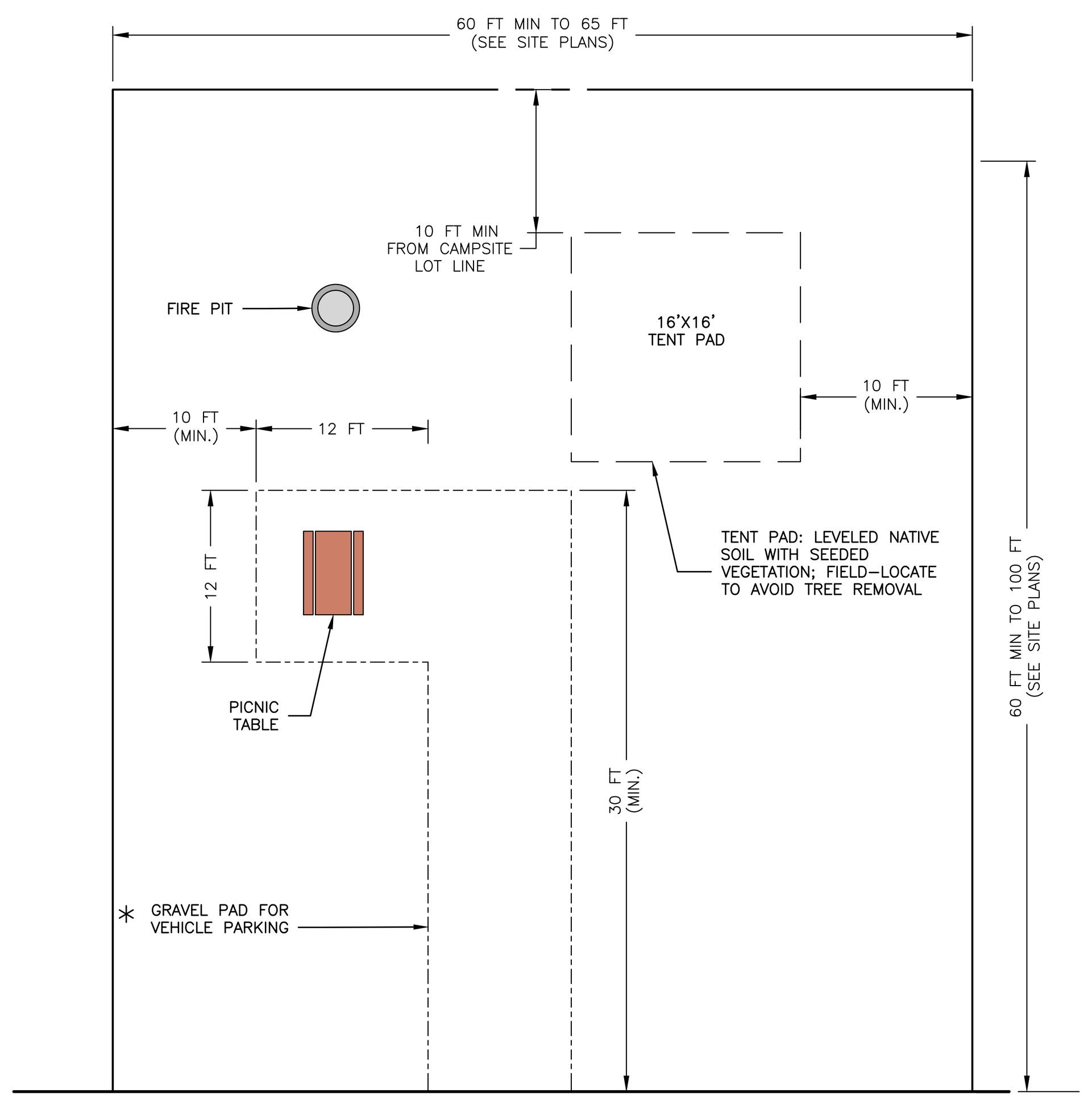


2/14 DECIDUOUS TREE
NOT TO SCALE



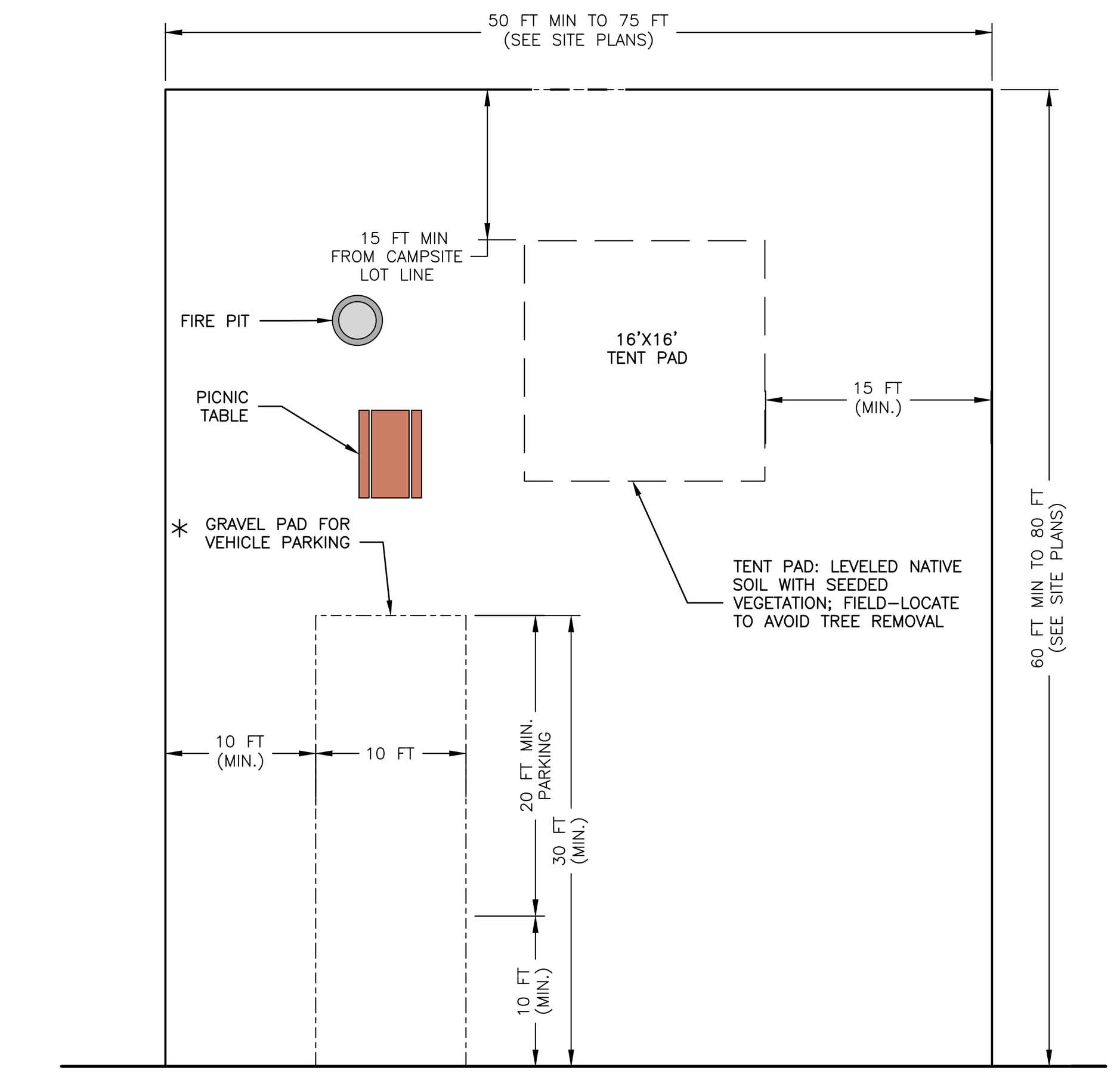
NOTES:
1. GLAMPING LOTS SHALL VARY IN SIZE BETWEEN 2,500 SF TO 5,200 SF
2. ALL GRAVEL PADS FOR VEHICLE PARKING SPACES SHALL BE INSTALLED TO MAINTAIN A MINIMUM OF 20 FEET BETWEEN PARKING SPACES.
* 3. EACH SITE SHALL INCLUDE A MIN. 9'X20' SPACE TO PROVIDE REQUIRED VEHICLE PARKING.
4. LARGER-SIZED TENT(S) SHALL BE INSTALLED ON SITES WITH 55' MIN. WIDTH.
5. TENT PLATFORM (DECK) SHALL BE INSTALLED WITH 6 INCHES MINIMUM CLEARANCE ABOVE GRADE.

5/14 GLAMPING SITE TYPICAL LAYOUT
NOT TO SCALE



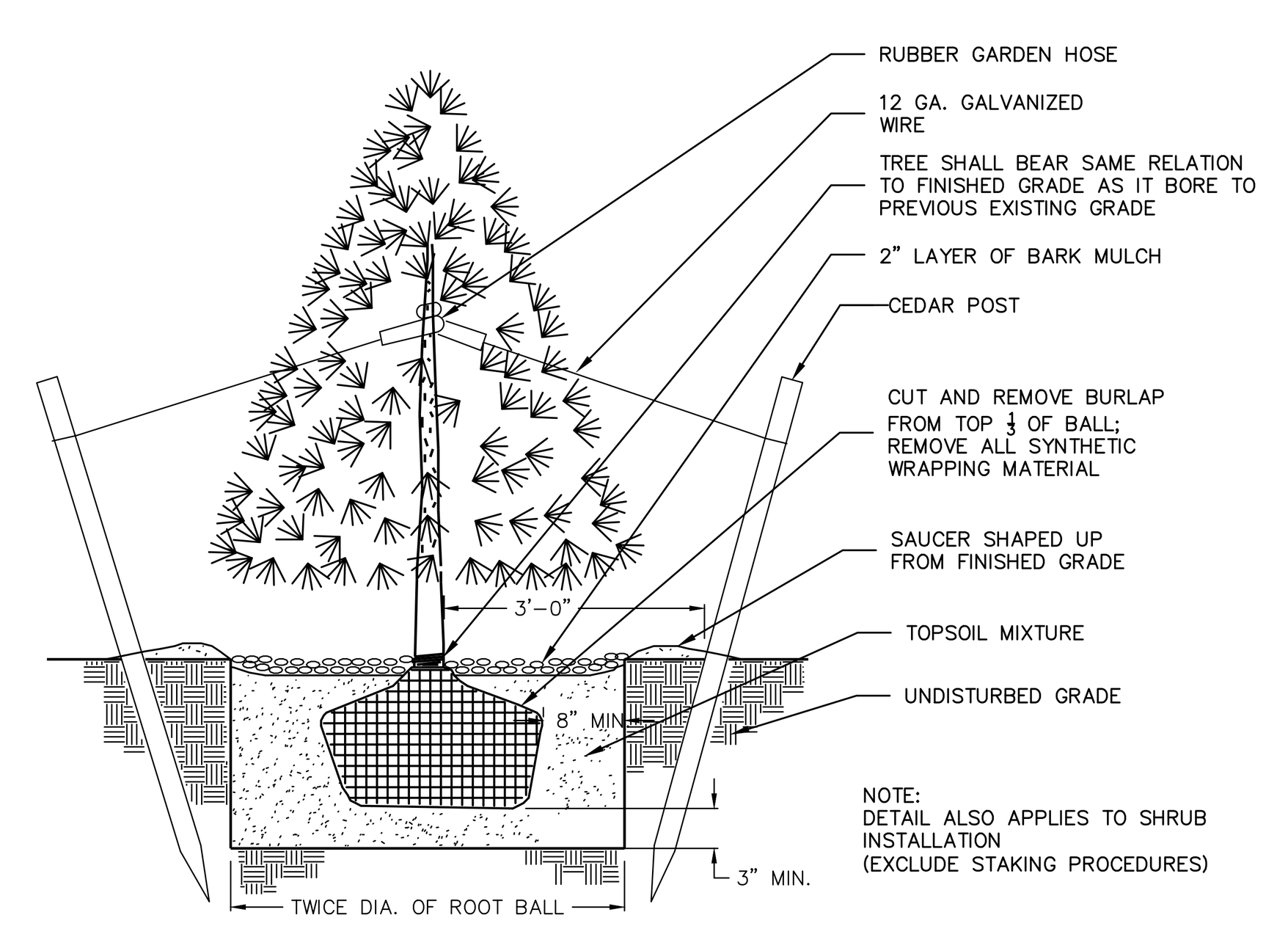
NOTES:
1. TENT CAMPING LOTS SHALL VARY IN SIZE BETWEEN 3,600 SF TO 6,000 SF
2. ALL GRAVEL PADS FOR VEHICLE PARKING SPACES SHALL BE INSTALLED TO MAINTAIN A MINIMUM OF 20 FEET BETWEEN PARKING SPACES.
* 3. EACH SITE SHALL INCLUDE A MIN. 9'X20' SPACE TO PROVIDE REQUIRED VEHICLE PARKING.

7/14 TENT SITE TYPICAL LAYOUT
NOT TO SCALE

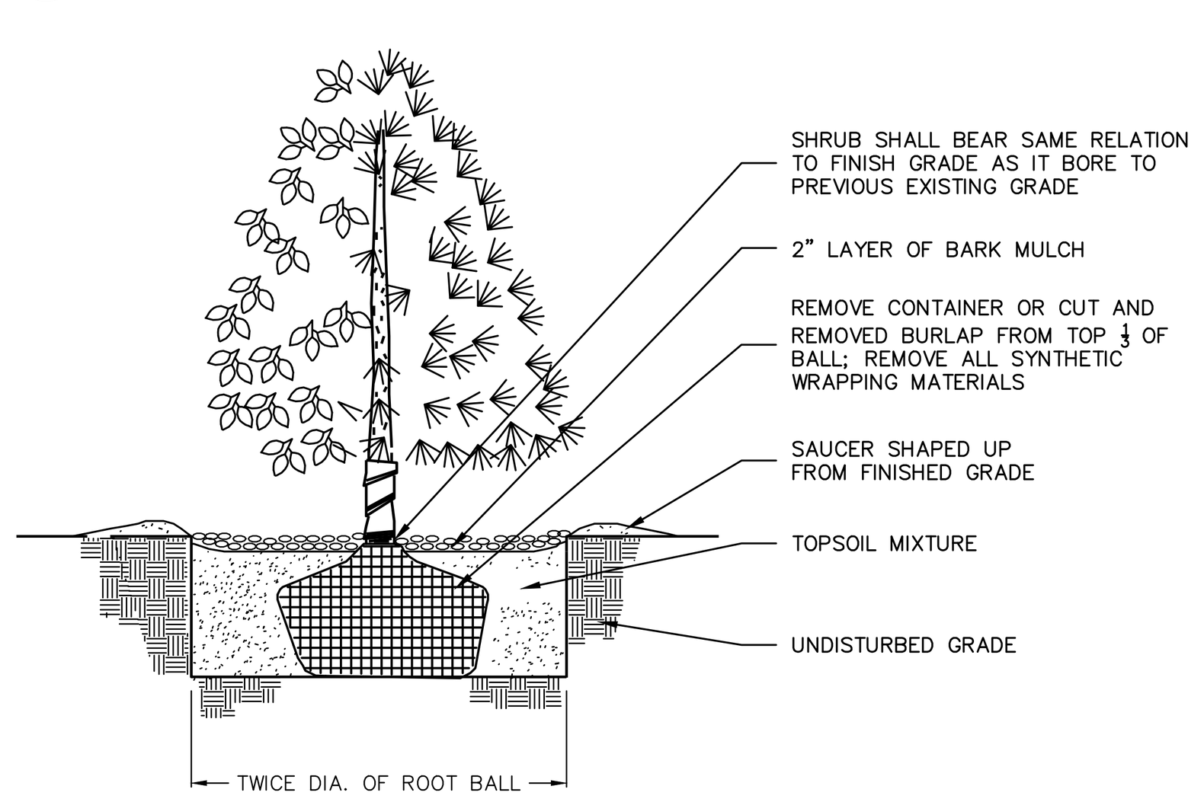


NOTES:
1. PRIMITIVE CAMPING LOTS SHALL VARY IN SIZE BETWEEN 3,000 SF TO 4,500 SF
2. ALL GRAVEL PADS FOR VEHICLE PARKING SPACES SHALL BE INSTALLED TO MAINTAIN A MINIMUM OF 20 FEET BETWEEN PARKING SPACES.
* 3. EACH SITE SHALL INCLUDE A MIN. 9'X20' SPACE TO PROVIDE REQUIRED VEHICLE PARKING.
4. PRIMITIVE CAMPING SITES: LIMIT PARKING PAD TO MAXIMUM 30 FT. LENGTH

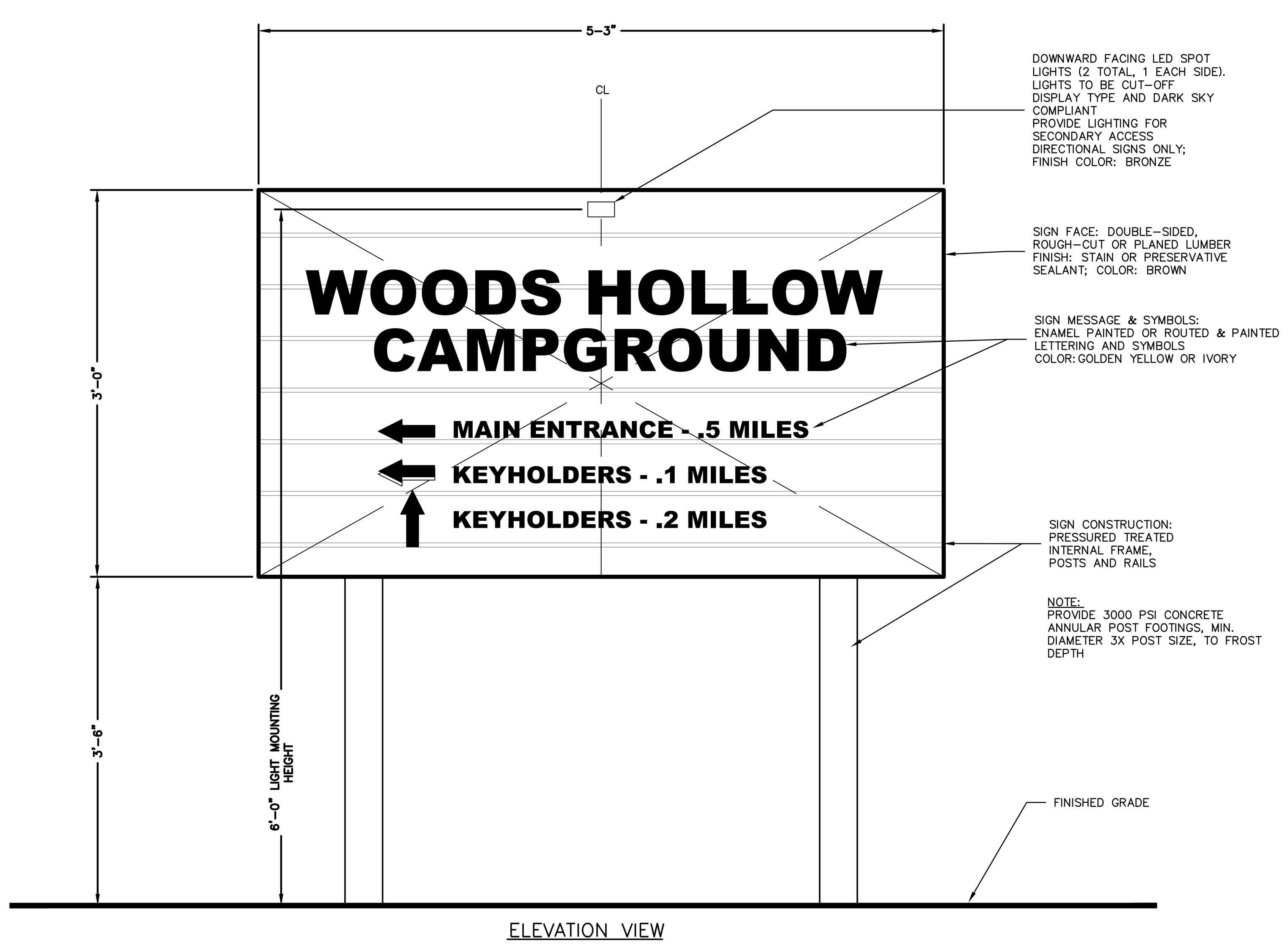
8/14 PRIMITIVE SITE TYPICAL LAYOUT
NOT TO SCALE



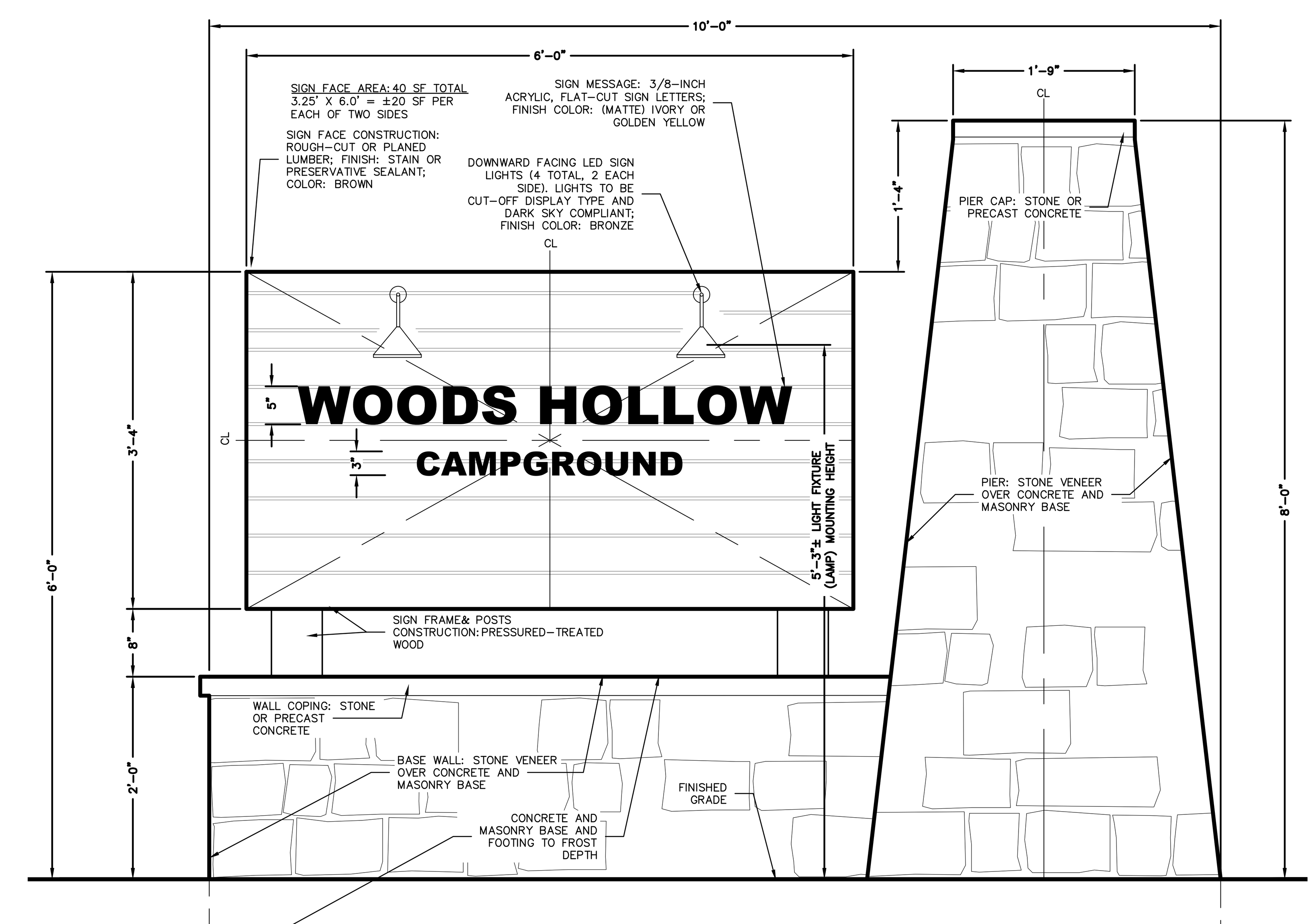
3/14 CONIFEROUS TREE
NOT TO SCALE



4/14 SHRUB PLANTING
NOT TO SCALE



6/14 DIRECTIONAL SIGN
NOT TO SCALE



9/14 IDENTIFICATION SIGN
NOT TO SCALE

NEW YORK STATE Adirondack Park Agency
FINAL
P2022-0008

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621
edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR WOODS HOLLOW CAMPGROUND

WOODS HOLLOW MINING COMPANY
WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	18270

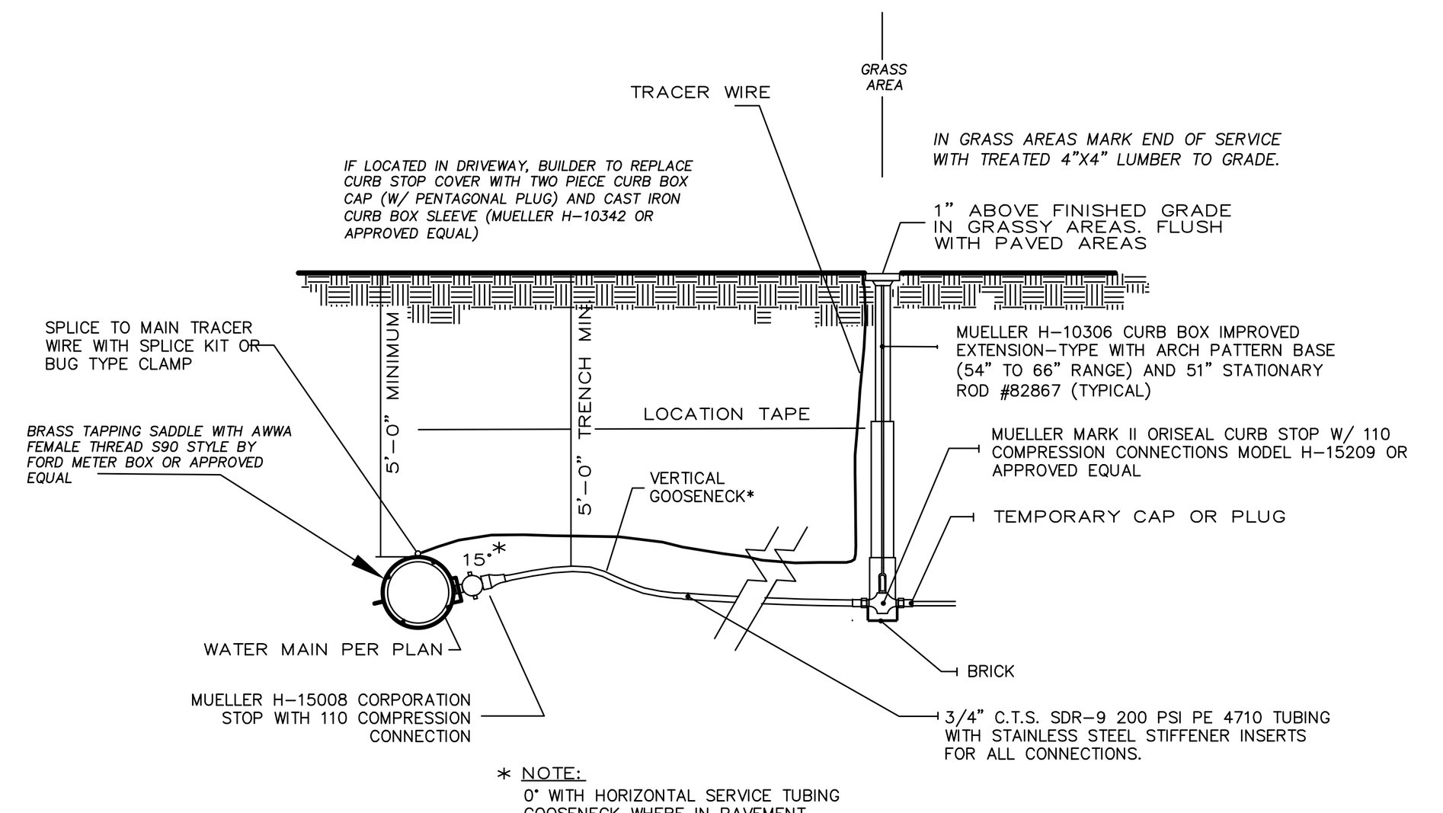
REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	8/16/22	TJM

SCALE: AS NOTED

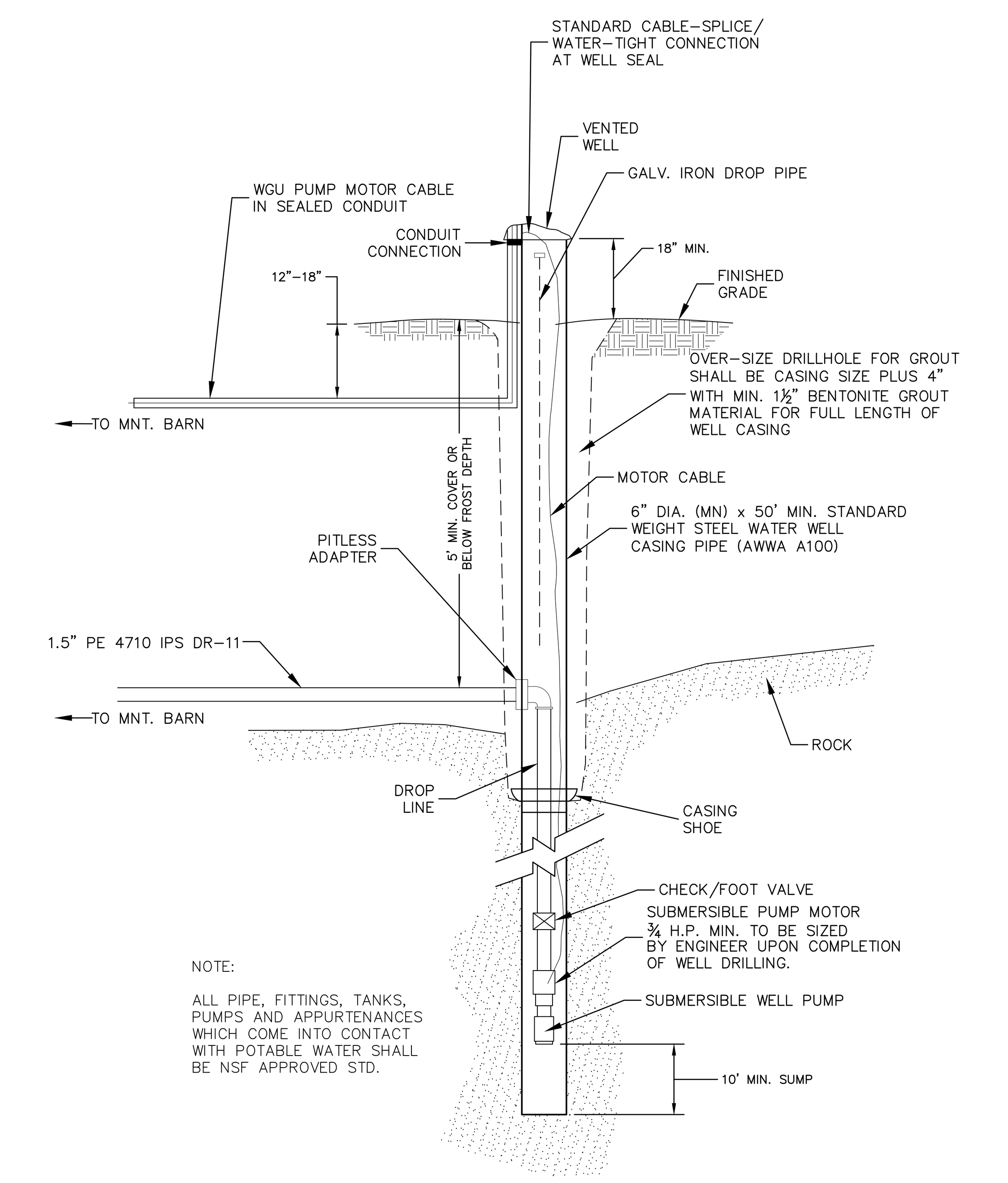
NOT FOR CONSTRUCTION

SHEET TITLE: PLANTING AND SIGN DETAILS

SHEET: 14 of 19



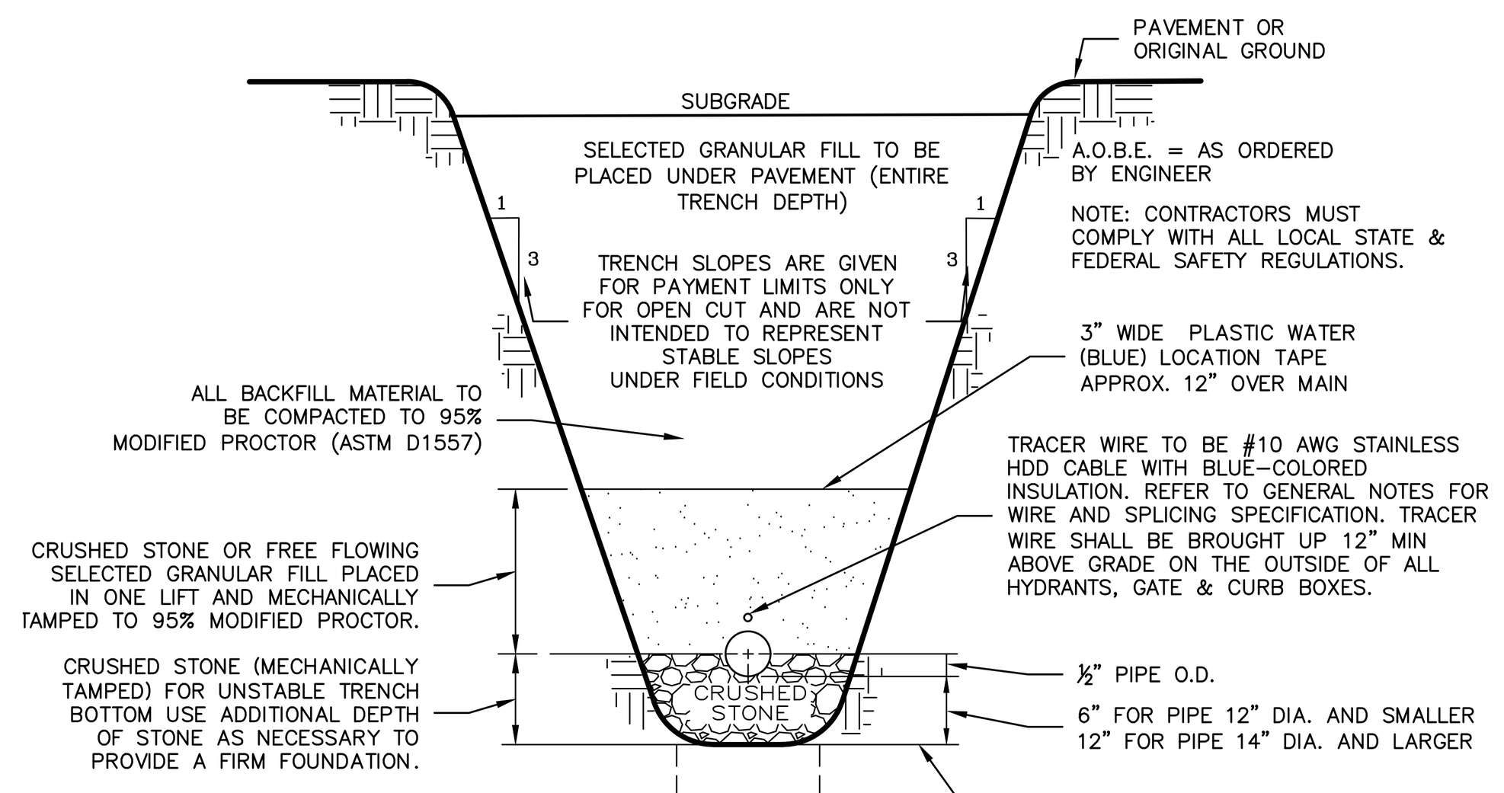
1/15 TYPICAL SERVICE CONNECTION DETAIL
NOT TO SCALE



NOTE:

ALL PIPE, FITTINGS, TANKS, PUMPS AND APPURTENANCES WHICH COME INTO CONTACT WITH POTABLE WATER SHALL BE NSF APPROVED STD.

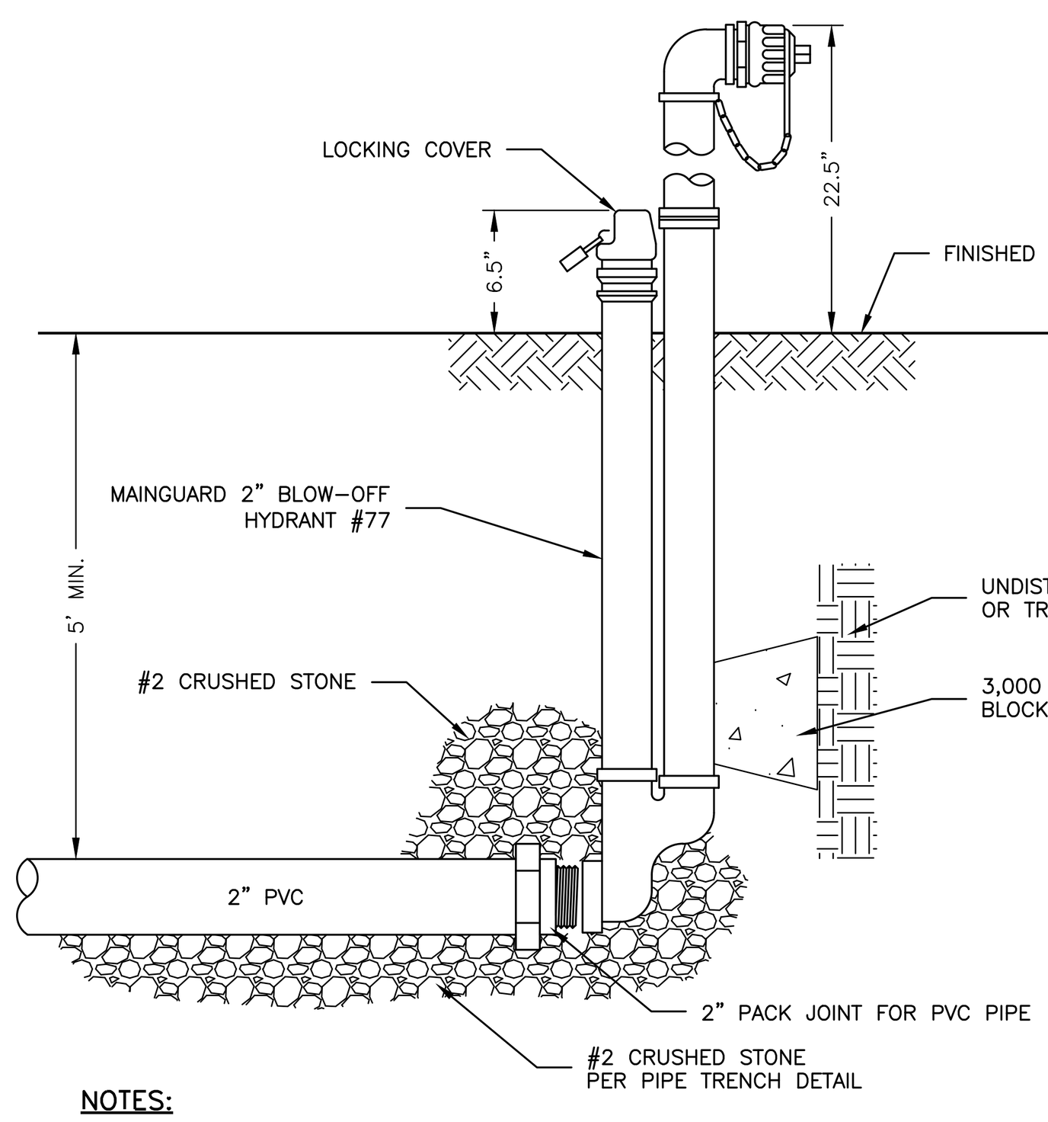
2/15 DRILLED WATER SUPPLY WELL
NOT TO SCALE



NOTES:

1. CRUSHED STONE NOT TO EXCEED #2 IN SIZE. TO BE CLEAN, SOUND AND FROM AN APPROVED NYSDOT STONE SOURCE AND/OR MEET NYSDOT STANDARD SPECIFICATIONS SECTION 703-2, COARSE AGGREGATES. GRANULAR FILL TO MEET THE FOLLOWING REQUIREMENTS:
   - 0% IN EXCESS OF 1-2"
   - 0%-70% PASSING #40 SIEVE
   - 0%-12% PASSING #200 SIEVE

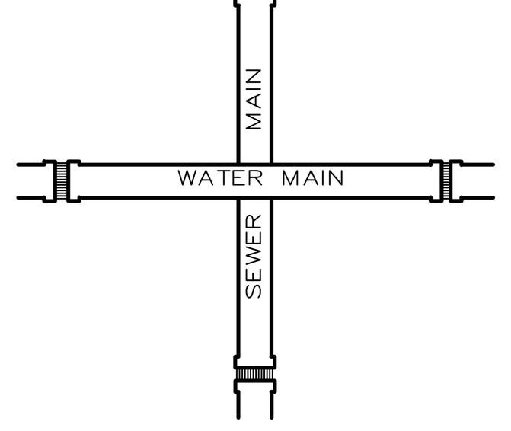
5/15 WATER TRENCH
NOT TO SCALE



NOTES:

POST HYDRANTS SHALL BE NON-FREEZING, SELF DRAINING TYPE WITH A 5FT. BURY. THESE HYDRANTS WILL BE FURNISHED WITH A 2" HORIZONTAL INLET, A NON-TURNING OPERATING ROD, AND SHALL OPEN TO THE LEFT. ALL OF THE WORKING PARTS SHALL BE OF BRONZE-TO BRONZE DESIGN, AND BE SERVICEABLE FROM ABOVE GRADE WITH NO DIGGING. THE OUTLET SHALL ALSO BE BRONZE AND BE 2-1/2" NST. HYDRANTS SHALL BE LOCKABLE TO PREVENT UNAUTHORIZED USE AS MANUFACTURED BY KUPFERLE FOUNDRY CO., ST. LOUIS, MO, OR APPROVED EQUAL.

6/15 BLOW-OFF HYDRANT DETAIL
NOT TO SCALE



PLAN VIEW

AT ALL CROSSINGS OF SEWER AND WATER

WATER AND SEWER SEPARATION:
(PURSUANT TO NYS DOH REQUIREMENTS)

PARALLEL INSTALLATIONS: WATER MAINS SHALL LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED GRAVITY (OR FORCE) SANITARY OR STORM SEWER, MEASURED OUTSIDE TO OUTSIDE OF PIPE.

CROSSINGS: WATER MAINS CROSSING SEWERS SHALL BE INSTALLED TO PROVIDE A MINIMUM VERTICAL SEPARATIONS OF 18 INCHES, MEASURED OUTSIDE TO OUTSIDE OF PIPE, WITH A FULL 20 FOOT LENGTH OF WATER MAIN PIPE CENTERED SUCH THAT THE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING.

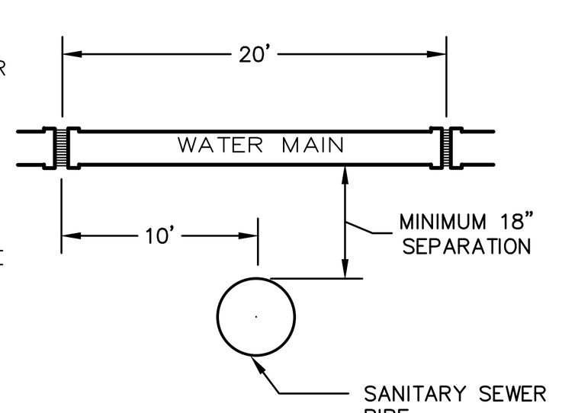
WHERE MINIMUM SEPARATIONS CANNOT BE MET, WITH CASE-BY-CASE APPROVAL FROM NYS DOH:

A. NEW SEWERS SHALL BE CONSTRUCTED OF MINIMUM 150 PSI PRESSURE- RATED AWWA WATER GRADE MATERIALS AND SHALL BE PRESSURE TESTED TO ENSURE WATER TIGHTNESS.

B. INSTALLATIONS CLOSER THAN 10 FOOT SEPARATION ONLY IF WATER MAIN IS LAID IN A SEPERATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF TEH SEWER AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE GRAVITY SEWER.

C. WHERE PRESSURE AND GRAVITY SEWERS PRE-EXIST: THE WATER MAIN SHALL BE INSTALLED WITHIN A PROTECTIVE CASING PIPE, CONSTRUCTED OF A MINIMUM 150 PSI PRESSURE-RATED AWWA WATER GRADE MATERIALS AND EXTEND 10 FT. MIN. ON BOTH SIDES OF THE SEWER BEING CROSSED OR, WHERE PARALLEL, TO A POINT WHERE THE LINES ARE SEPARATED BY 10 FEET.

D. WHERE A WATER MAIN AND/OR WATER WELLS PRE-EXIST AND A FORCE MAIN IS BEING CONSTRUCTED: THE FORCE MAIN SHALL BE INSTALLED WITHIN A PROTECTIVE CASING PIPE, CONSTRUCTED OF A MINIMUM 150 PSI PRESSURE-RATED AWWA WATER GRADE MATERIALS, AND EXTEND 10 FT. MIN. ON BOTH SIDES OF THE WATER MAIN BEING CROSSED; WHERE PARALLEL, TO A POINT WHERE THE LINES ARE SEPARATED BY 10 FEET; OR TO A POINT WHERE THE ENDS OF THE CASING PIPE ARE 150 FEET MIN. FROM ANY WATER LEVEL



SECTION VIEW

3/15 WATER & SEWER SEPARATION
NOT TO SCALE

REQUIRED AREAS (SQ. FT.) FOR THRUST BLOCKS*					
PIPE SIZE (INCHES)	TEE	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
4	2.0	2.8	1.5	0.8	0.4
6	4.2	5.9	3.2	1.6	0.8
8	7.2	10.1	5.5	2.8	1.4
10	10.9	15.4	8.3	4.2	2.1
12	15.4	21.8	11.8	6.0	3.0
14	20.6	29.1	15.8	8.0	4.0
16	26.8	37.9	20.5	10.4	5.2
18	33.6	47.5	25.7	13.1	6.6
20	41.2	58.2	31.5	16.1	8.1
24	58.8	83.1	45.0	22.9	11.5
30	90.5	128.0	69.2	35.3	17.7
36	129.6	183.3	99.1	50.5	25.4

* = FACTOR SAFETY OF 1.5
SOIL BEARING OF 3.000 PSI
225 DESIGN PRESSURE

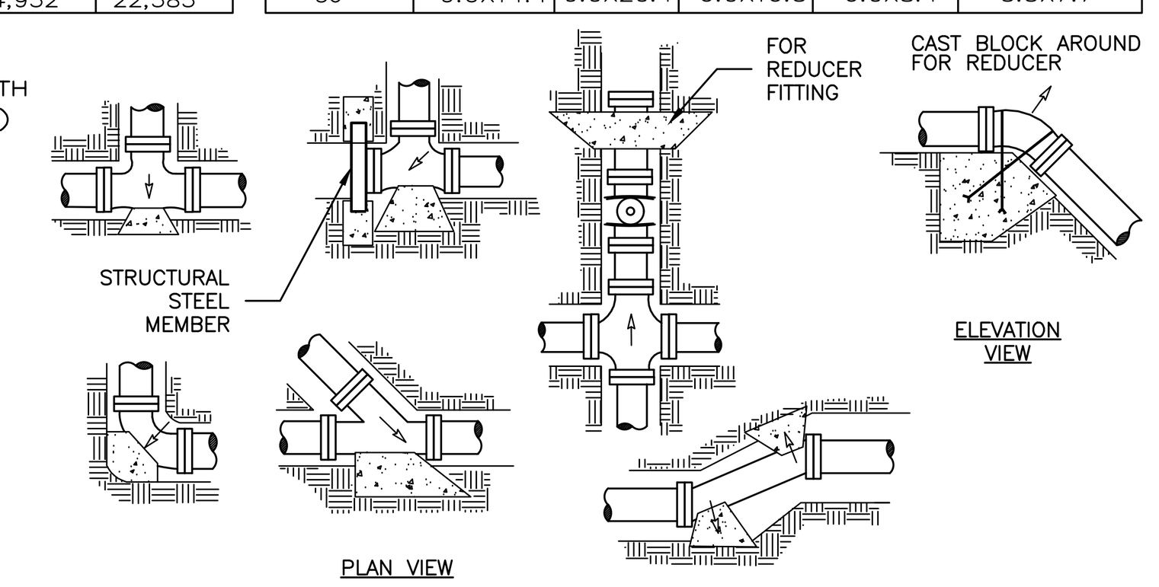
THRUST REACTIONS – R(LB) PER 100PSI INTERNAL PRESSURE					
PIPE SIZE (INCHES)	TEE	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
4	1,810	2,559	1,385	706	355
6	3,739	5,288	2,862	1,459	733
8	6,433	9,097	4,923	2,510	1,261
10	9,677	13,685	7,406	3,776	1,897
12	13,685	19,353	10,474	5,340	2,683
14	18,385	26,001	14,072	7,174	3,604
16	23,779	33,628	18,199	9,278	4,661
18	29,865	42,235	22,858	11,653	5,855
20	36,644	51,822	28,046	14,298	7,183
24	52,279	73,934	40,013	20,398	10,249
30	80,425	113,738	61,554	31,380	15,766
36	115,209	162,931	88,177	44,952	22,585

THRUST BLOCK DIMENSIONS ON VERTICAL TRENCH WALL ORIGINAL GROUND (FEET)					
PIPE SIZE (INCHES)	TEE	90° BEND	45° BEND	BEND	11-1/4° BEND
4	1.0X2.0	1.0X2.8	0.75X2.0	0.8X1.0	0.4X1.0
6	1.5X2.8	1.5X4.0	1.0X3.2	1.0X1.6	0.8X1.0
8	2.0X3.6	2.0X5.1	1.4X3.9	1.4X2.0	1.0X1.4
10	2.5X4.4	2.5X6.2	1.7X4.9	1.75X2.4	1.25X1.7
12	3.0X5.2	3.0X7.3	2.0X5.8	2.0X3.0	1.5X2.0
14	3.5X5.9	3.5X8.3	2.5X6.3	2.5X3.2	1.75X2.3
16	4.0X6.7	4.0X9.5	2.7X7.6	2.75X3.8	2.0X2.6
18	4.5X7.5	4.5X10.6	3.0X8.6	3.0X4.4	2.2X3.0
20	5.0X8.25	5.0X11.7	3.4X9.3	3.4X4.75	2.5X3.25
24	6.0X9.8	6.0X13.9	4.0X11.25	4.0X5.75	2.8X4.1
30	7.5X12.1	7.5X17.1	5.0X13.8	5.0X7.1	3.0X5.9
36	9.0X14.4	9.0X20.4	6.0X16.5	6.0X8.4	3.3X7.7

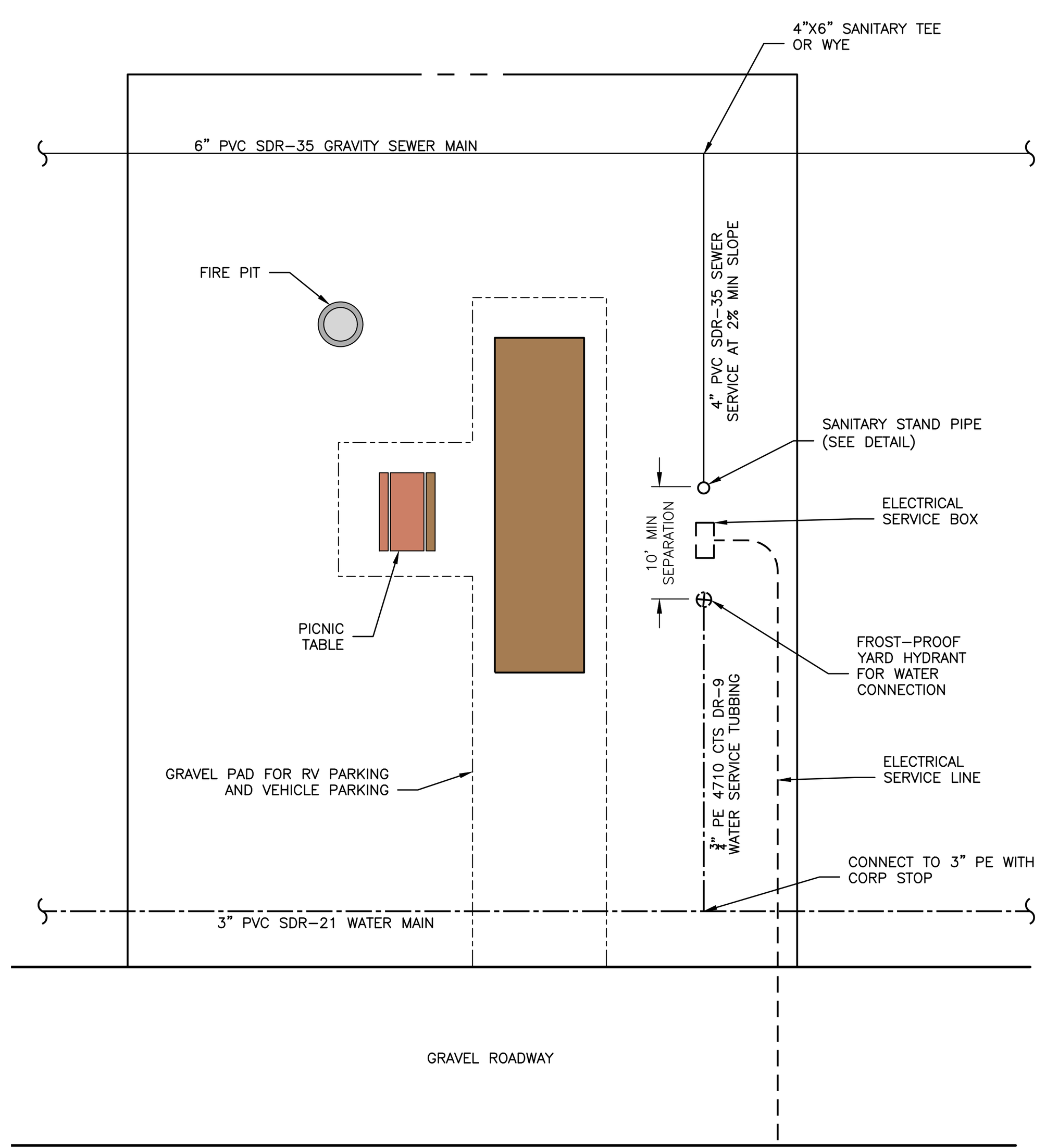
THRUST BLOCK NOTES:

1. VALUES FOR TEE APPLY TO TEES, END PLUGS, CAPS, AND TAPPING SLEEVES.
2. REQUIRED BEARING AREAS ARE DUE TO THRUSTS CAUSED BY 150 PSI WORKING PRESSURE PLUS 50% (75 PSI) SURGE ALLOWANCE RESULTING IN 225 PSI TOTAL INTERNAL PRESSURE.
3. REQUIRED BEARING AREAS ARE BASED ON ALLOWABLE SOIL BEARING CAPACITY OF 3000 POUNDS PER SQ. FT. IF OTHER SOIL CONDITIONS ENCOUNTERED, BEARING AREAS MAY BE MODIFIED BY THE WATER SUPERINTENDENT.
4. IN MUCK, PEAT OR RECENTLY PLACED FILL ALL THRUSTS SHALL BE RESISTED BY PILES OR TIE RODS TO SOLID FOUNDATIONS, OR BY REMOVAL OF SUCH UNSTABLE MATERIAL AND REPLACEMENT WITH BALLAST OF SUFFICIENT STABILITY TO RESIST THE THRUSTS. ALL AS REQUIRED BY THE WATER SUPERINTENDENT.
5. ALL THRUST BLOCKS SHALL BE CAST-IN-PLACE.
6. ALL DUCTILE IRON WATER MAIN SHALL BE ENCASED IN POLYETHYLENE, IF TESTING WARRANTS.

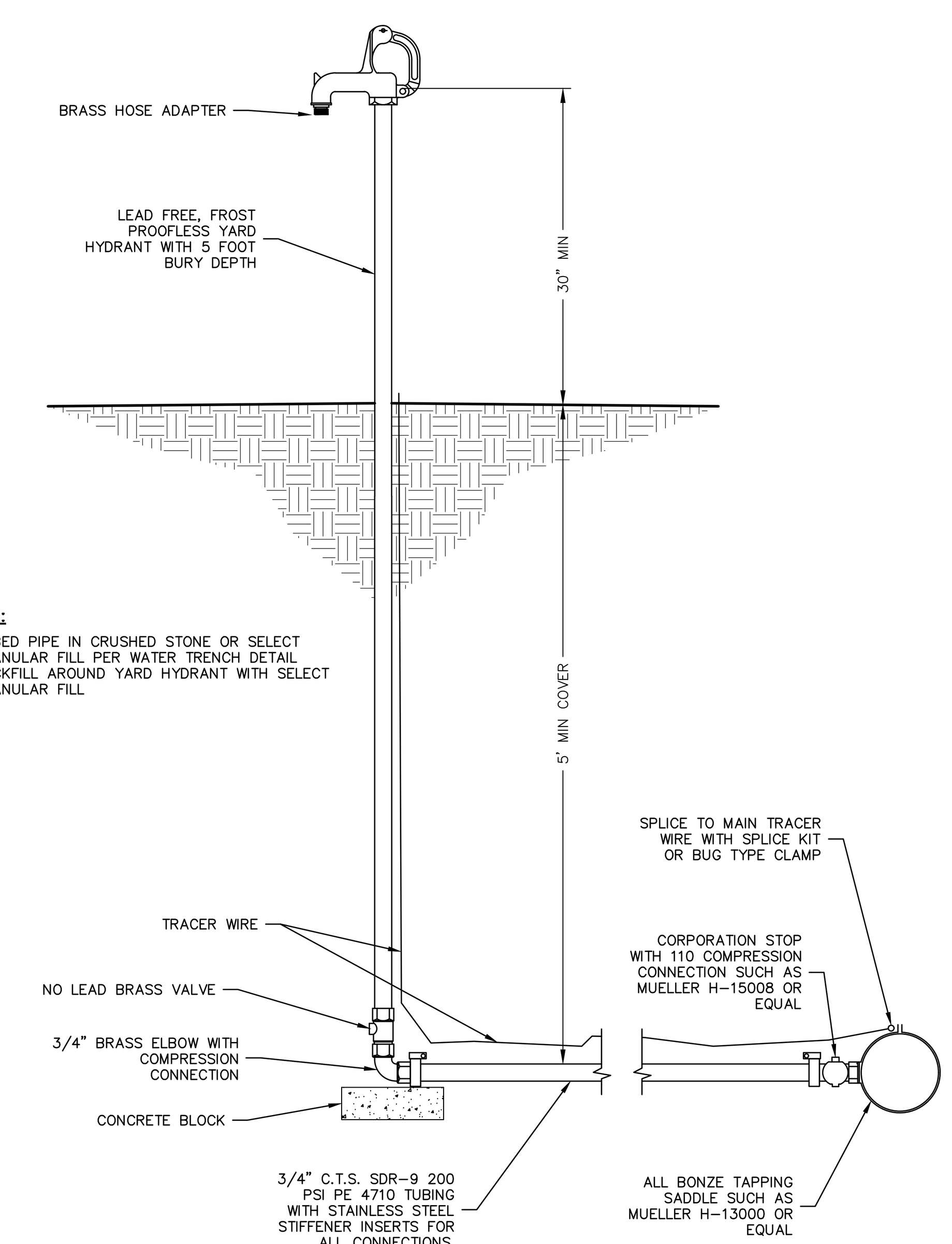
SOIL	BEARING STRENGTH S_B (LB²/FT)
MUCK	0
SOFT CLAY	1,000
SILT	1,500
SANDY SILT	3,000
SAND	4,000
SANDY CLAY	6,000
HARD CLAY	9,000



4/15 THRUST BLOCKS
NOT TO SCALE



8/15 TYPICAL RV SITE UTILITY SERVICE
NOT TO SCALE

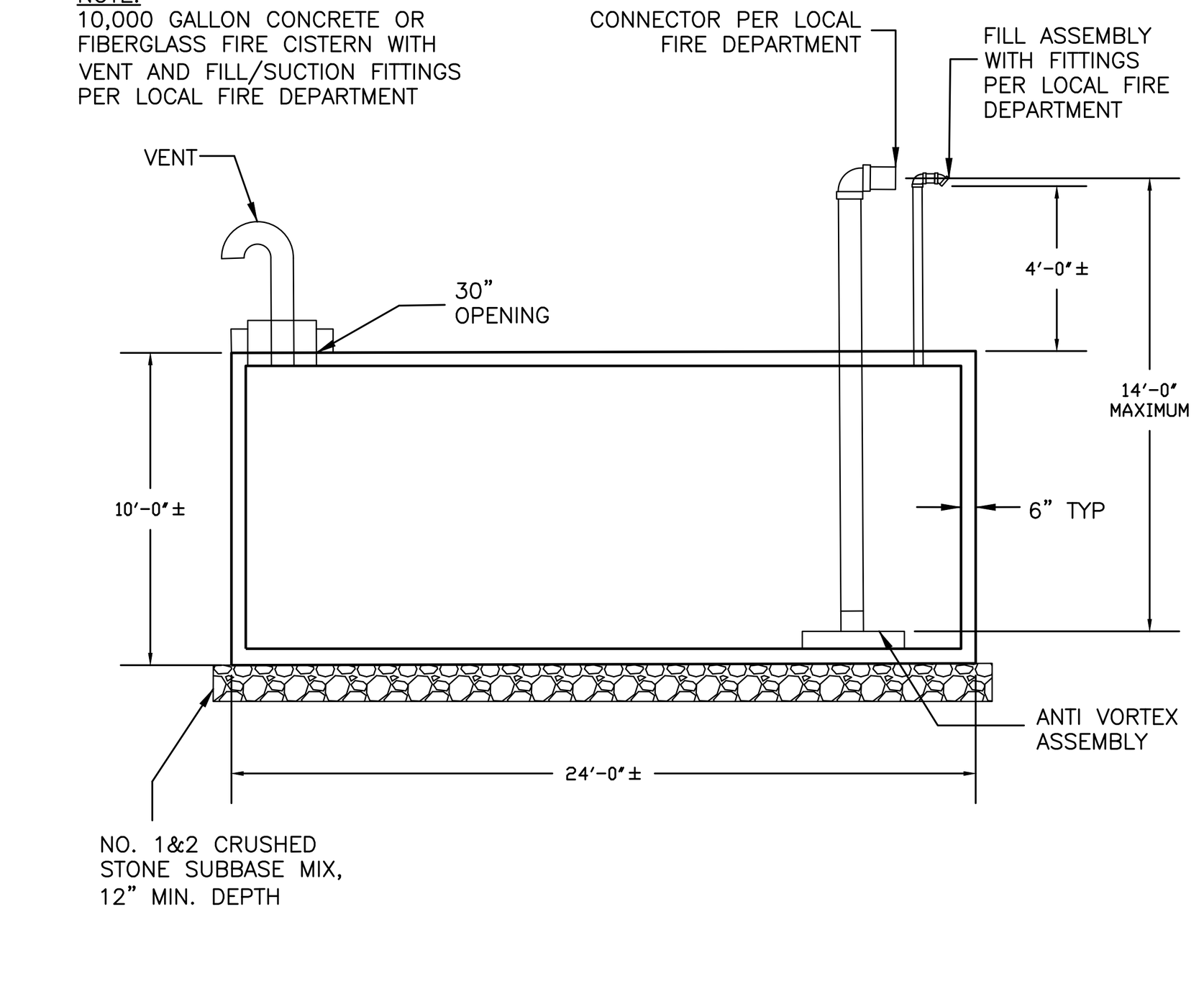


NOTES:

1. EMBED PIPE IN CRUSHED STONE OR SELECT GRANULAR FILL PER WATER TRENCH DETAIL
2. BACKFILL AROUND YARD HYDRANT WITH SELECT GRANULAR FILL

9/15 RV WATER SERVICE
NOT TO SCALE

NOTE:
10,000 GALLON CONCRETE OR FIBERGLASS FIRE CISTERN WITH VENT AND FILL/SUCTION FITTINGS PER LOCAL FIRE DEPARTMENT



10/15 10,000± GALLON UNDERGROUND WATER CISTERN
NOT TO SCALE

DISINFECTION PROCEDURE

DISINFECTION: ALL POTABLE WATER PIPE SHALL BE DISINFECTED AND BACTERIOLOGICALLY VERIFIED (TESTED) PRIOR TO USE IN ACCORDANCE WITH AWWA C651-14 AS FOLLOWS:

DISINFECTION PROCEDURE:
NEW MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH THE CURRENT AWWA STANDARD FOR DISINFECTING WATER MAINS, ANSI/AWWA C-651-14, SECTION 4.4, CONTINUOUS FEED THE TABLET METHOD IS NOT PERMITTED BY NYSDOH AND SHALL NOT BE USED. THE SLUG METHOD, SECTION 4.5, MAY BE USED WHEN APPROVED BY THE ENGINEER. SPRAY OR SWAB, PER PARAGRAPH 4.11.3.2, WHEN CUTTING INTO OR REPAIRING EXISTING MAINS. REQUIRED STEPS ARE:

1. WORK CLEAN: PREVENT CONTAMINATING MATERIALS FROM ENTERING THE WATER MAIN DURING STORAGE, CONSTRUCTION, OR REPAIR.
2. PREVENT BACKFLOW: PROTECT THE EXISTING DISTRIBUTION SYSTEM FROM ANY BACKFLOW CAUSED BY HYDROSTATIC PRESSURE TESTING AND DISINFECTION PROCEDURES. THE SUPPLY VALVE SHALL BE KEPT CLOSED AT ALL TIMES, EXCEPT DURING FLUSHING AND DISINFECTANT FEED OPERATIONS.
3. PRE-FLUSH:
   A. FILL THE WATER MAIN AND ELIMINATE ALL AIR POCKETS.
   B. FLUSH THE WATER MAIN AT A VELOCITY NOT LESS THAN 2.5 FT/SEC TO REMOVE PARTICULATES.
4. DOSE CHLORINE (CONTINUOUS METHOD):
   A. INSTALL A TEST TAP NOT MORE THAN 10 FT. DOWNSTREAM FROM THE BEGINNING OF THE NEW MAIN.
   B. TO WATER ENTERING THE NEW MAIN, FEED A DOSE OF CHLORINE AT A CONSTANT RATE SUCH THAT THE WATER SHALL HAVE A RESIDUAL NOT LESS THAN 25 MG/L OF FREE CHLORINE. VERIFY CHLORINE CONCENTRATIONS AT ALL HYDRANTS, TAPS, AND SERVICE LATERALS. DOSING SHALL CONTINUE UNTIL HEAVILY CHLORINATED WATER IS CONTINUOUS THROUGHOUT THE NEW MAIN AND ALL VALVES AND HYDRANTS HAVE BEEN OPERATED TO PROVIDE CHLORINE CONTACT.
5. CONTACT TIME: AFTER A 24-HOUR MINIMUM RETENTION PERIOD, THE TREATED WATER SHALL HAVE A RESIDUAL OF NOT LESS THAN 10 MG/L OF FREE CHLORINE. VERIFY CHLORINE CONCENTRATIONS AT ALL HYDRANTS, TAPS, AND SERVICE LATERALS. REPEAT STEP 4.B. IF RESIDUAL IS LESS THAN 10 MG/L.
6. FLUSH/ NEUTRALIZE: FLUSH THE HEAVILY CHLORINATED WATER FROM THE MAIN UNTIL A RESIDUAL OF NOT MORE THAN 1.0 MG/L REMAINS. APPLY A NEUTRALIZING CHEMICAL TO ELIMINATE THE RESIDUAL CHLORINE IF THERE IS ANY POSSIBILITY THAT HEAVILY CHLORINATED WATER DISCHARGE WILL CAUSE DAMAGE TO THE ENVIRONMENT.
7. BACTERIOLOGICAL VERIFICATION PER SECTION 5.1: TWO CONSECUTIVE SETS OF ACCEPTABLE SAMPLES, TAKEN FROM THE SAME SAMPLING SITES, A MINIMUM OF 16 HOURS APART, SHALL BE COLLECTED FROM THE NEW WORKS AS FOLLOWS: ONE SET PER 1200 LF OF NEW MAIN PLUS ONE SET FROM THE END-OF-THE-LINE AND ONE SET FROM EACH BRANCH -AT A MINIMUM. EACH SAMPLE SHALL BE TESTED FOR BOTH HPC (HETEROTROPHIC PLATE COUNT) AND TOTAL COLIFORM (TC). THE HPC TEST IS WAIVED FOR THE REPEAT SAMPLES IF THE INITIAL RESULTS ARE LESS THAN 500 CFU/ml. WHEN HPC RESULTS EXCEED 500 CFU/ml, THE WORKS SHALL BE FLUSHED AND SAMPLED UNTIL NO COLIFORM ARE PRESENT AND THE HPC IS LESS THAN 500 CFU/ml. IF REPEAT SAMPLES FAIL, THE MAIN SHALL BE RECHLORINATED, FLUSHED AND SAMPLED UNTIL SATISFACTORY RESULTS ARE OBTAINED. ALL TEST RESULTS SHALL BE FURNISHED TO THE ENGINEER.

WATER NOTES:

1) ALL PIPE MATERIALS AND APPURTENANCES ARE SUBJECT TO APPROVAL BY THE WATER SUPERINTENDENT.
2) THE CONTRACTOR SHALL VERIFY SIZE, TYPE HORIZONTAL AND VERTICAL LOCATION OF THE MAIN AT THE PROPOSED CONNECTION POINT(S) PRIOR TO CONSTRUCTION. CONFLICTS WITH OTHER UTILITIES TO BE CONSTRUCTED ARE TO BE AVOIDED. DISCREPANCIES OR CONFLICTS WITH EXISTING UTILITIES SHALL BE REPORTED TO THE WATER SUPERINTENDENT IMMEDIATELY.
3) MINIMUM WATER MAIN DEPTH (TOP OF PIPE TO FINISH GRADE) SHALL BE 5'-0"
4) ALL FILL BELOW WATER MAIN SHALL BE COMPACTED GRANULAR MATERIAL (MIN 95% MODIFIED PROCTOR TYP)
5) ALL TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED TO PREVENT SETTLEMENT. TOP TRENCH WITH 12" MIN. APPROVED GRAVEL IN PAVED AREAS AND ALONG SIDE OF EXISTING ROAD FOR SHOULDER BASE. REPLACE DAMAGED PAVEMENTS WITH LIKE KIND AND LIKE THICKNESS.
6) WATER MAINS SHALL BE SDR-21 POLYVINYL CHLORIDE (PVC) OR P.E. 3408 DR-9 (I.P.S.) AWWA C906 BLUESTIPE.
7) WATER MAINS ARE TO BE INSTALLED IN ACCORDANCE WITH AWWA STANDARDS: C600 FOR DUCTILE IRON, C900 FOR PVC.
8) ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH AWWA STANDARD C602.
9) ALL DUCTILE IRON PIPE SHALL BE POLYETHYLENE ENCASED IN ACCORDANCE WITH AWWA C105 UNLESS TEST RESULTS PROVIDED BY THE CONTRACTOR INDICATE THE ABSENCE OF SEVERELY AGGRESSIVE SOILS.
10) ALL WATER PIPE AND APPURTENANCES SHALL BE EITHER NSF OR UL APPROVED FOR USE WITH POTABLE WATER AND SHALL BEAR THEIR RESPECTIVE SEAL.
11) HYDRANTS SHALL BE LOCATED AT STREET INTERSECTIONS AND AT INTERMEDIATE POINTS AS INDICATED ON THE PLANS. CARE SHALL BE USED, WHEN LAYING MAINS, SO AS TO AVOID CREATING HIGH POINTS BETWEEN HYDRANTS.
12) MINIMUM SEPARATIONS BETWEEN WATER MAINS AND SANITARY AND STORM SEWERS ARE REQUIRED PER NYSDOH AND TEN STATE STANDARDS AT CROSSINGS, 18" MIN; WHERE PARALLEL, 10 FT. MIN. (MEASURED O.D. TO O.D.)
13) THRUST BLOCKING SHALL BE CAST-IN-PLACE CONCRETE AND SHALL BE SIZED AS PER THRUST BLOCK SCHEDULE. MECHANICAL RESTRAINTS MUST BE APPROVED BY THE WATER SUPERINTENDENT.
14) ALL NEW WATER MAINS ARE TO BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH AWWA STANDARDS: C600-99 SECT. 4 FOR DUCTILE IRON AND MANUAL M23 FOR PVC. RESULTS TO BE SUBMITTED TO WATER SUPERINTENDENT. MODIFICATIONS TO EXISTING MAINS SHALL BE DISINFECTED BY SWAB METHOD AND VISUALLY TESTED FOR LEAKS UNDER NORMAL WORKING PRESSURE PRIOR TO BACKFILL.
15) ALL WATER MAINS SHALL BE DISINFECTED AND BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH AWWA STANDARD C651-99 (SEE DISINFECTION PROCEDURE THIS SHEET) RESULTS TO BE SUBMITTED TO THE WATER SUPERINTENDENT.
16) CURB BOXES ARE TO BE INSTALLED SO THAT CAPS EXTEND ABOVE FINISHED GRADE 1" AND IDENTIFIED WITH 2x4 LUMBER MARKER IN GRASSY AREAS. IN PAVED AREAS, USE TWO PIECE CURB BOX CAP (W/PENTAGONAL PLUG) AND CAST IRON CURB BOX SLEEVE TO ALLOW ADJUSTMENT OF THE GROUND KEY LID (MUELLER H-10342 OR APPROVED EQUAL).
17) IT WILL BE THE CONTRACTORS RESPONSIBILITY TO ADHERE STRICTLY TO ALL RELEVANT NYS OSHA LABOR SAFETY STANDARDS INCLUDING, BUT NOT LIMITED TO, THOSE RELATING TO CONSTRUCTION SAFETY AND TRENCH SHORING.
18) ALL GENERAL AND SPECIFIC NOTES AND DETAILS ON OTHER PLAN SHEETS THAT ARE PART OF THESE PLANS SHALL APPLY.

Adirondack Park Agency
FINAL
P2022-0008

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621 edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY
WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

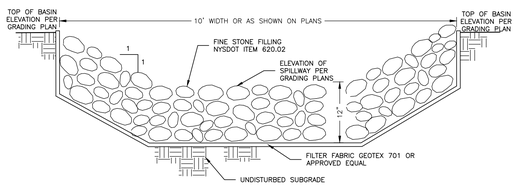
DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	8/16/22	TJM

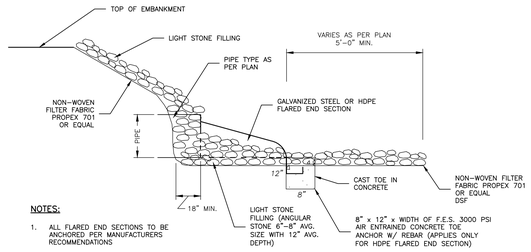
SCALE: AS NOTED

NOT FOR CONSTRUCTION

SHEET TITLE: WATER DETAILS

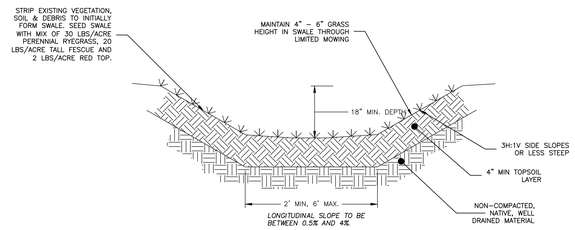


1/16 OVERFLOW SPILLWAY
NOT TO SCALE

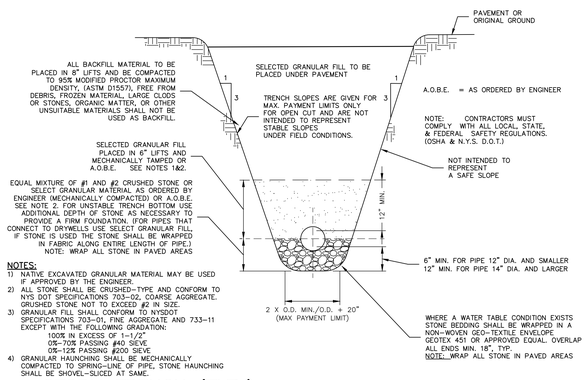


NOTES:
1. ALL FLARED END SECTIONS TO BE ANCHORED PER MANUFACTURERS RECOMMENDATIONS

2/16 FLARED END SECTION
NOT TO SCALE

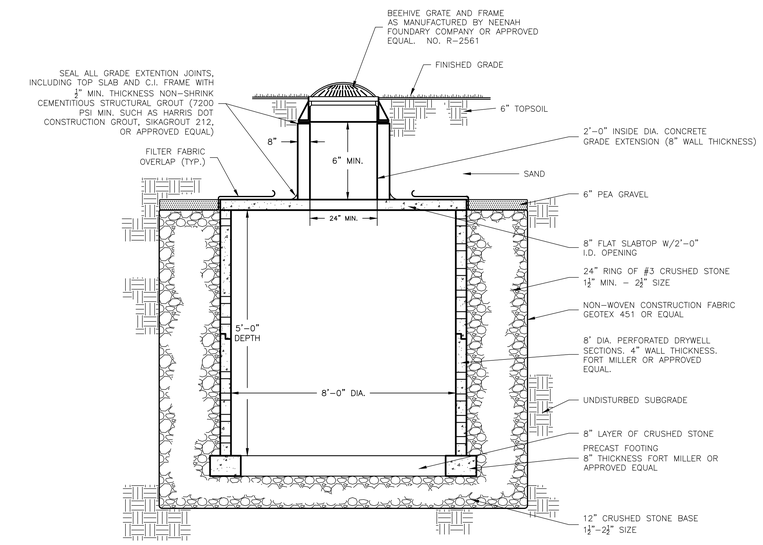


4/16 VEGETATED SWALE
NOT TO SCALE

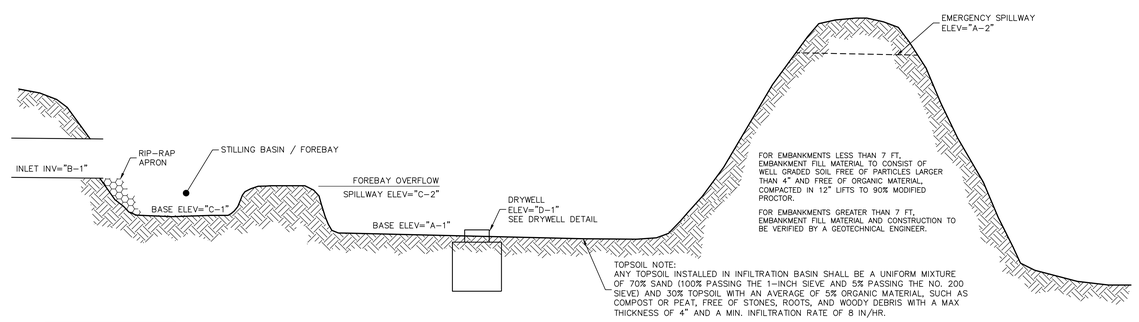


NOTES:
1) NATIVE EXCAVATED GRANULAR MATERIAL MAY BE USED IF APPROVED BY THE ENGINEER.
2) ALL STONE SHALL BE CRUSHED-TYPE AND CONFORM TO NYS DOT SPECIFICATIONS 703-02, COARSE AGGREGATE, GRUSHED STONE NOT TO EXCEED #2 IN SIZE.
3) GRANULAR FILL SHALL CONFORM TO NYSDOT SPECIFICATIONS 703-03, FINE AGGREGATE AND 733-11 EXCEPT WITH THE FOLLOWING GRADATION:
   100% IN EXCESS OF 1-1/2"
   0%-70% PASSING #40 SIEVE.
   0%-12% PASSING #200 SIEVE.
4) GRANULAR HAUNCHING SHALL BE MECHANICALLY COMPACTED TO SPRING-LINE OF PIPE, STONE HAUNCHING SHALL BE SHOVEL-SLICED AT SAME.

5/16 STORM TRENCH (TYP.)
NOT TO SCALE



6/16 PRECAST CONCRETE DRYWELL
NOT TO SCALE



3/16 INFILTRATION BASIN AND OUTLET DETAIL
NOT TO SCALE

New York State Department of Environmental Conservation | Adirondack Park Agency

FINAL
P2022-0008

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7421
edpllp.com

RV PARK FOR WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

DRAWN BY	STK
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

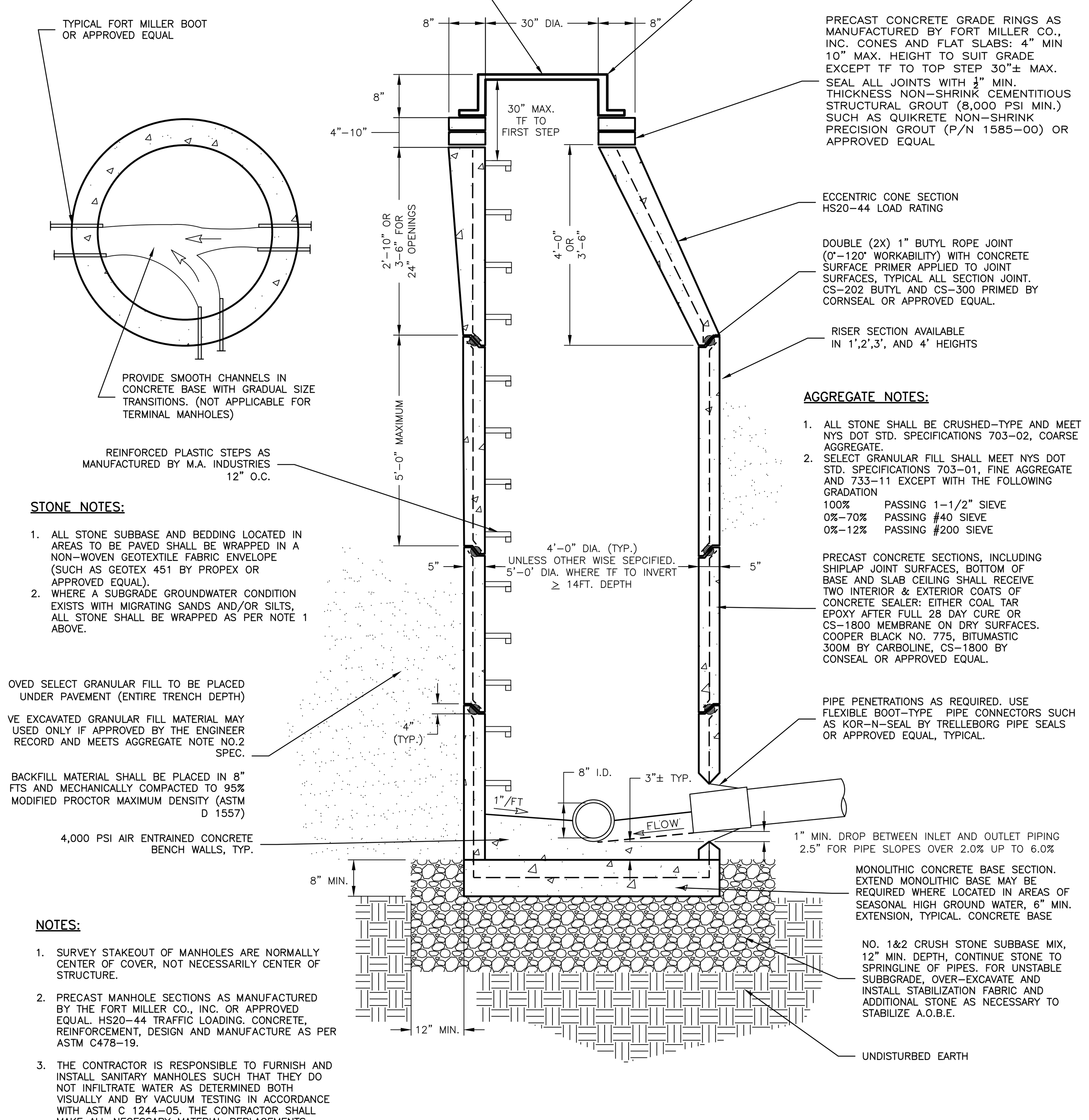
SCALE:
AS NOTED

NOT FOR CONSTRUCTION

SHEET TITLE:
STORMWATER DETAILS

SHEET:
16 of 19

D:\FILTDN\MAYFIELD\Woods Hollow Road\179 - Winery\05-dwg\Detailed Plans\SHEETS\12_DT-Woods Hollow Rd.dwg Sep 28, 2022 09:45:57AM



STONE NOTES:

1. ALL STONE SUBBASE AND BEDDING LOCATED IN AREAS TO BE PAVED SHALL BE WRAPPED IN A NON-WOVEN GEOTEXTILE FABRIC ENVELOPE (SUCH AS GEOTEX 451 BY PROPEX OR APPROVED EQUAL).
2. WHERE A SUBGRADE GROUNDWATER CONDITION EXISTS WITH MIGRATING SANDS AND/OR SILTS, ALL STONE SHALL BE WRAPPED AS PER NOTE 1 ABOVE.

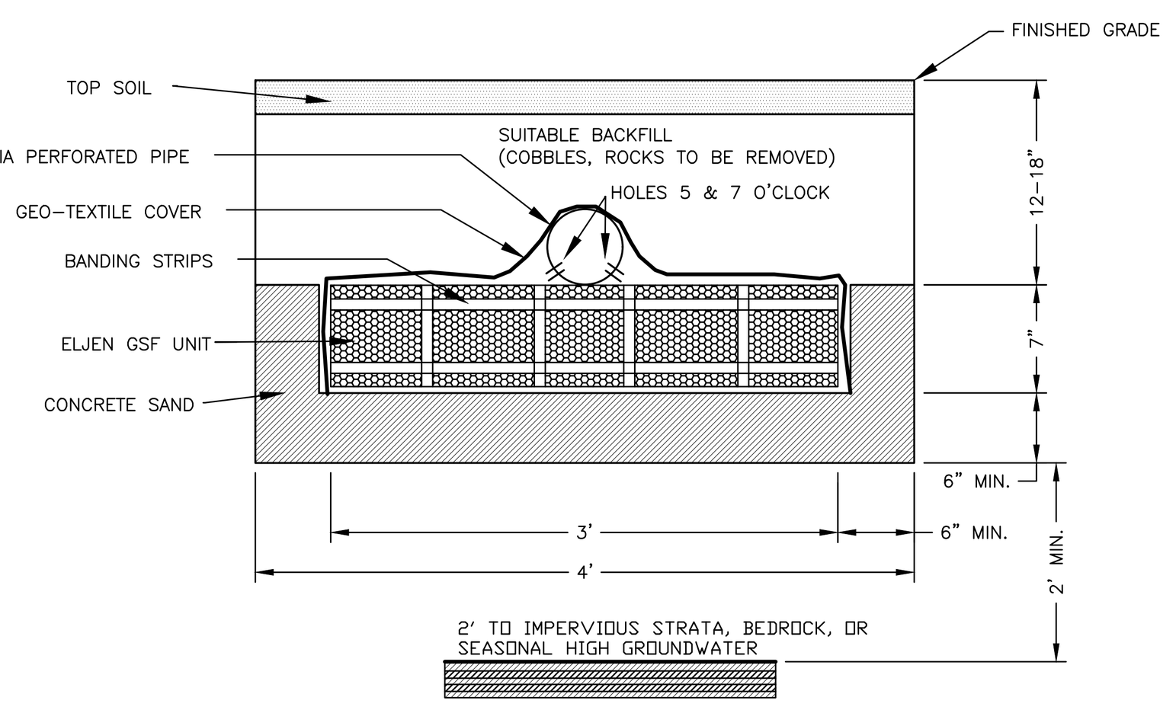
AGGREGATE NOTES:

1. ALL STONE SHALL BE CRUSHED-TYPE AND MEET NYS DOT STD. SPECIFICATIONS 703-02, COARSE AGGREGATE.
2. SELECT GRANULAR FILL SHALL MEET NYS DOT STD. SPECIFICATIONS 703-01, FINE AGGREGATE AND 733-11 EXCEPT WITH THE FOLLOWING GRADATION
   100% PASSING 1-1/2" SIEVE
   0%-70% PASSING #40 SIEVE
   0%-12% PASSING #200 SIEVE

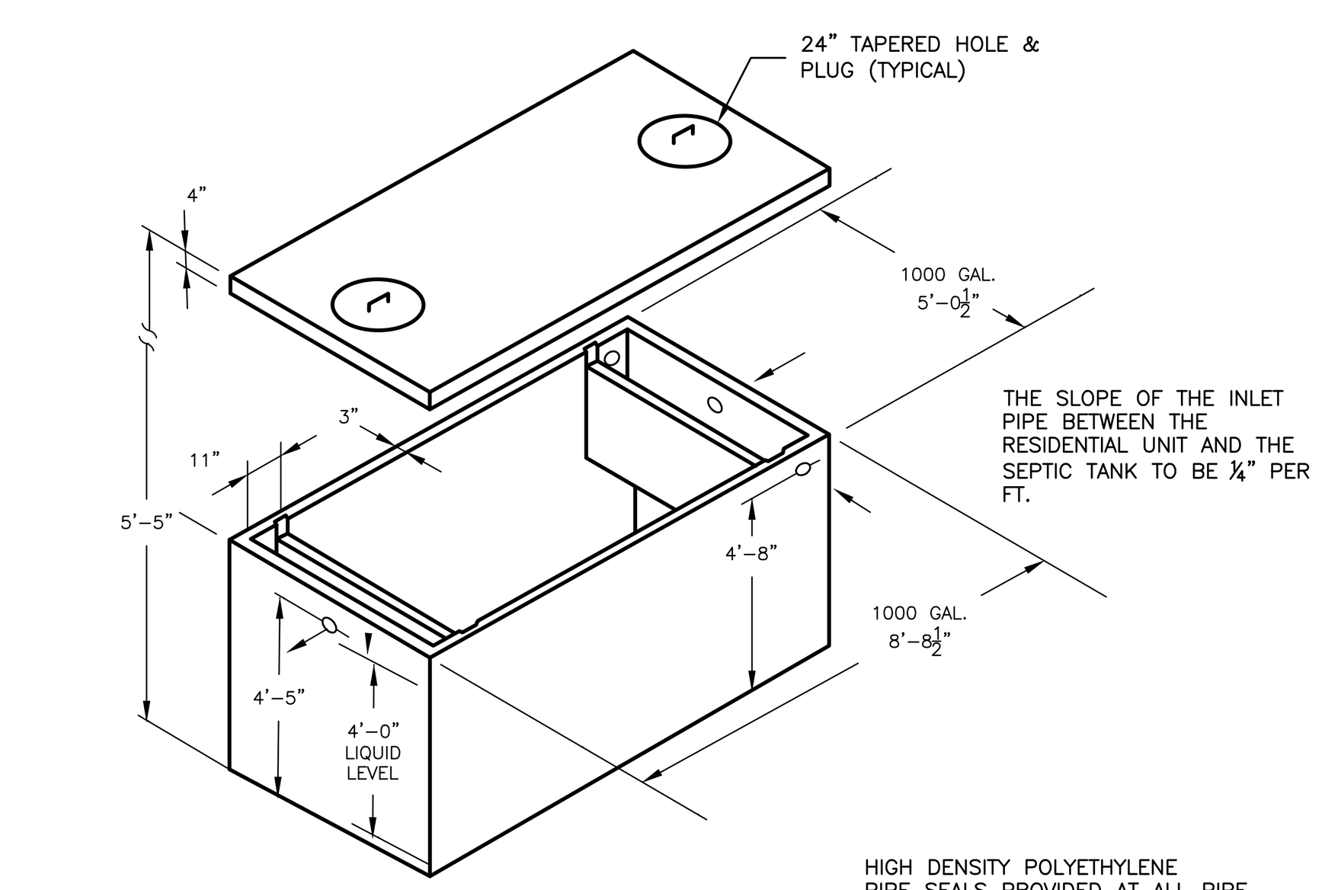
NOTES:

1. SURVEY STAKEOUT OF MANHOLES ARE NORMALLY CENTER OF COVER, NOT NECESSARILY CENTER OF STRUCTURE.
2. PRECAST MANHOLE SECTIONS AS MANUFACTURED BY THE FORT MILLER CO., INC. OR APPROVED EQUAL. HS20-44 TRAFFIC LOADING. CONCRETE, REINFORCEMENT, DESIGN AND MANUFACTURE AS PER ASTM C478-19.
3. THE CONTRACTOR IS RESPONSIBLE TO FURNISH AND INSTALL SANITARY MANHOLES SUCH THAT THEY DO NOT INFILTRATE WATER AS DETERMINED BOTH VISUALLY AND BY VACUUM TESTING IN ACCORDANCE WITH ASTM C 1244-05. THE CONTRACTOR SHALL MAKE ALL NECESSARY MATERIAL REPLACEMENTS AND/OR REPAIRS TO ACCOMPLISH THIS.

1/17 SANITARY MANHOLE
NOT TO SCALE



4/17 ELJEN GSF CROSS SECTION
NOT TO SCALE



CONCRETE: 4000PSI
REINFORCEMENT: ASTM A615-GRADE 60
ASTM A185-GRADE 65
ENRAINED AIR: 5.0%-9.0%
MEETS ASTM C890

*TANK SIZE	WEIGHTS, LBS		
GALLONS	TOP SLAB	*BOTTOM	TOTAL
1000	2173	7436	9609

*INCLUDES BAFFLE

NOTE:
USE HEAVY DUTY IN TRAFFIC AREAS

5/17 1000 GAL SEAMLESS SEPTIC TANK
NOT TO SCALE

DESIGN FLOW NOTES:
ALL FLOW RATES HAVE BEEN CALCULATED BASED ON "TYPICAL PER UNITY HYDRAULIC LOADING RATES" FROM THE 2014 "NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS"

ABSORPTION FIELD DESIGN CALCULATIONS (BATHHOUSES)

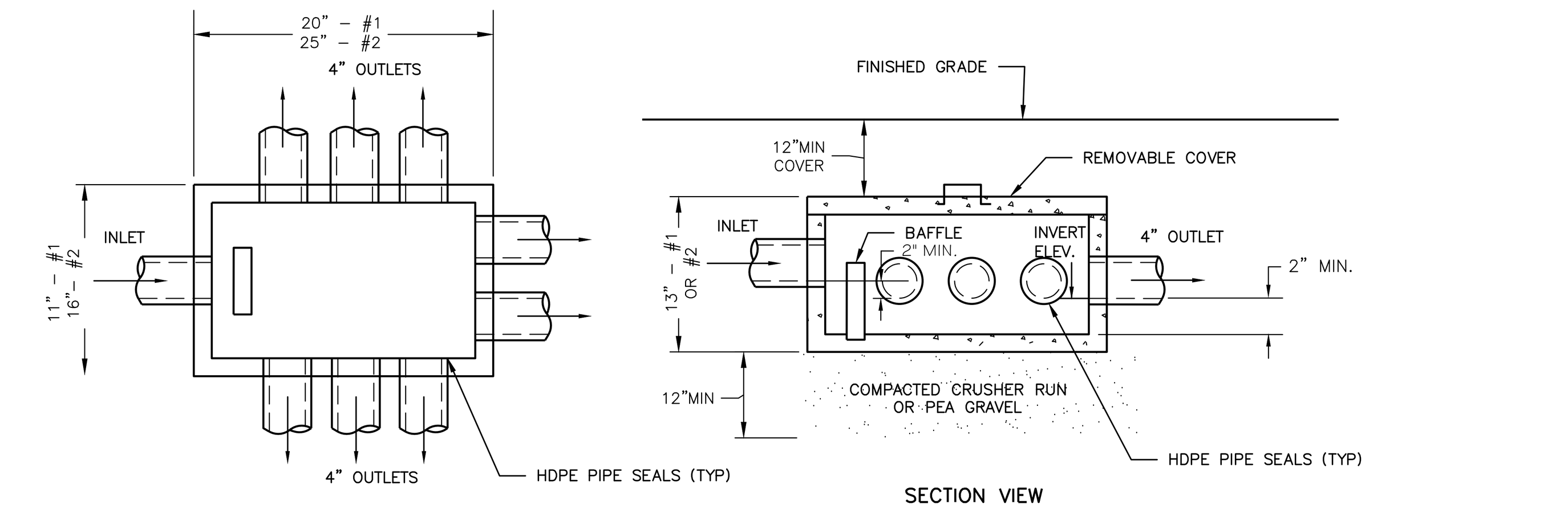
SEPTIC I.D.	DESIGN FLOW: SEWERED	UNIT FLOW RATE (GPD/SITE)	UNSEWERERED	UNIT FLOW RATE (GPD/SITE)	EMPLOYEES	UNIT FLOW RATE (GPD/SITE)	DAY USE PERSONS	UNIT FLOW RATE (GPD/SITE)	GROSS DESIGN FLOW	% REDUCTION FOR WATER SAVING FIXTURES	DESIGN FLOW	APPLICATION RATE	ELJEN GSF EFFECTIVE TRENCH WIDTH	REQUIRED TRENCH LENGTH	PROPOSED TRENCHES	PROPOSED TOTAL TRENCH LENGTH
1B	0	5	0	55	10	15	0	5	150	20	120	1.20	6 SF/LF	17	2 @ 21' EACH	42
2B	23		10		0		0		990		792			74	3 @ 41' EACH	123
3B	46		19		0		0		1140		912			142	3 @ 49' EACH	147
4B	33		9		0		0		570		456			73	2 @ 45' EACH	90
5B	69		0		0		0		345		276			38	2 @ 33' EACH	66
6B	19		20		0		0		1195		956			133	3 @ 45' EACH	135
7B	25		4		0		100		845		676			94	3 @ 41' EACH	123

ABSORPTION FIELD DESIGN CALCULATIONS (SEWERED RV SITES)

SEPTIC I.D.	CAMPGROUND SITES SERVED: SEWERED	UNIT FLOW RATE (GPD/SITE)	GROSS DESIGN FLOW	% REDUCTION FOR WATER SAVING FIXTURES	DESIGN FLOW	APPLICATION RATE	ELJEN GSF EFFECTIVE TRENCH WIDTH	REQUIRED TRENCH LENGTH	PROPOSED TRENCHES	PROPOSED TOTAL TRENCH LENGTH
1A	8	100	800	20	640	1.20	6 SF/LF	111	3 @ 41' EACH	123
2A	11		1100		880			153	3 @ 53' EACH	159
3A	8		800		640			111	3 @ 41' EACH	123
4A	12		1200		960			167	4 @ 45' EACH	180
5A	11		1100		880			153	4 @ 49' EACH	196
6A	12		1200		960			167	4 @ 45' EACH	180
7A	9		900		720			125	3 @ 45' EACH	135
8A	12		1200		960			167	4 @ 45' EACH	180
9A	12		1200		960			167	4 @ 45' EACH	180
10A	12		1200		960			167	4 @ 45' EACH	180
11A	12		1200		960			167	4 @ 45' EACH	180
12A	11		1100		880			153	3 @ 53' EACH	159
13A	11		1100		880			153	3 @ 53' EACH	159
14A	12		1200		960			167	4 @ 45' EACH	180
15A	12		1200		960			167	4 @ 45' EACH	180
16A	11		1100		880			153	4 @ 41' EACH	164
17A	10		1000		800			139	3 @ 49' EACH	147
18A	12		1200		960			167	3 @ 57' EACH	171
19A	12		1200		960			167	3 @ 57' EACH	171
20A	3		300		240			42	2 @ 37' EACH	74

GENERAL SANITARY NOTES:

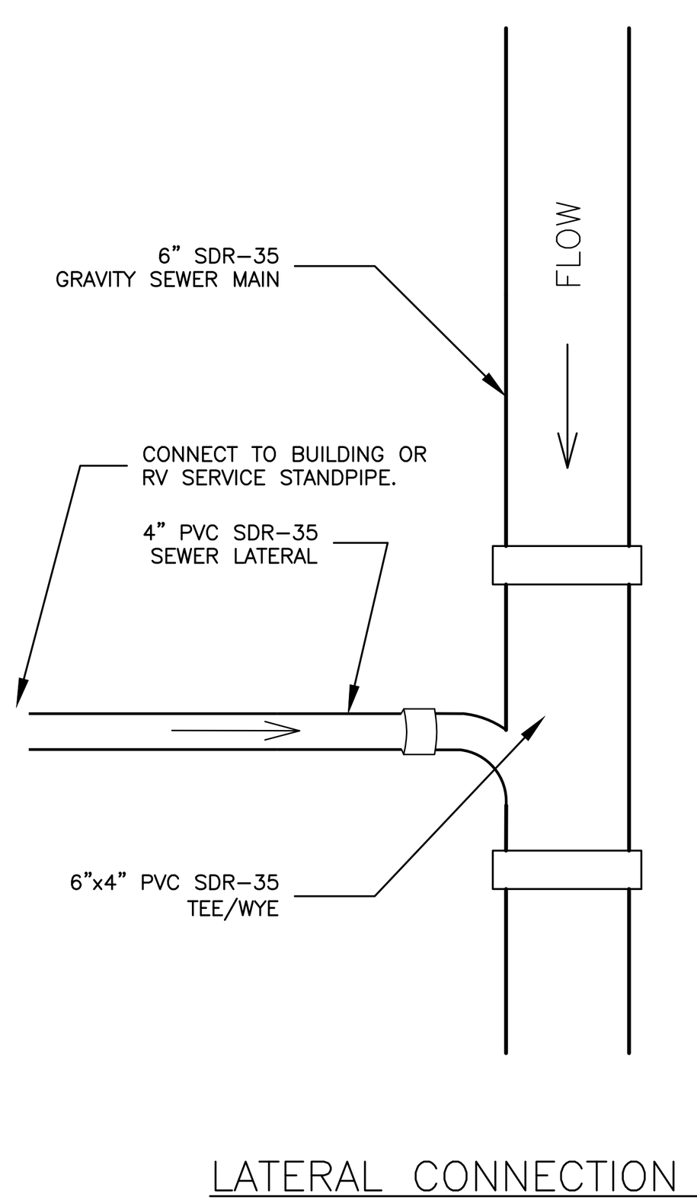
1. MAINTAIN 100' MINIMUM SEPARATION BETWEEN SEPTIC SYSTEM AND ANY WELL (200' TO PUBLIC WATER SUPPLY WELL). CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING/PROPOSED WELLS PRIOR TO CONSTRUCTION.
2. MINIMUM SEPARATION BETWEEN SEPTIC TANK AND BUILDINGS SHALL BE 10 FEET.
3. MINIMUM SEPARATION BETWEEN EDGE OF TRENCHES AND BUILDINGS SHALL BE 20 FEET.
4. MINIMUM SEPARATION BETWEEN PROPERTY LINE AND EDGE OF TRENCHES SHALL BE 10 FEET.
5. MINIMUM SEPARATION BETWEEN WELL AND SEPTIC TANK TO BE 50 FEET.
6. ALL CONSTRUCTION TO BE IN COMPLIANCE WITH THE NEW YORK STATE SANITARY CODE.
7. REQUIRED INSPECTIONS (TO BE PERFORMED BY PROFESSIONAL ENGINEER):
   A) PRIOR TO PLACEMENT OF SEPTIC TANK OR COMMENCEMENT OF THE TILE FIELD CONSTRUCTION.
   B) DURING THE INSTALLATION OF ANY REQUIRED FILL MATERIAL.
   C) PRIOR TO BACKFILLING TRENCHES.
   D) FINAL INSPECTION UPON COMPLETION OF THE SYSTEM.
8. CRUSHED STONE SHALL BE CLEAN, DURABLE AND NO SMALLER THAN OR LARGER THAN 1-1/2" DIAMETER.
9. WHEN THE TRENCHES HAVE BEEN EXCAVATED, THE SIDES AND BOTTOM SHALL BE RAKED TO SCARIFY ANY SMEARED SOIL SURFACES.
10. CONSTRUCTION EQUIPMENT NOT NEEDED TO CONSTRUCT THE SYSTEM SHOULD BE KEPT OFF THE AREA TO BE UTILIZED FOR THE ABSORPTION TRENCH SYSTEM TO PREVENT UNDESIRABLE COMPACTION OF THE SOILS.
11. EACH DISTRIBUTION LINE SHALL CONNECT INDIVIDUALLY TO THE DISTRIBUTION BOX AND EXIT AT THE SAME SLOPE FOR THE FIRST 5 FEET TO 10 FEET FROM THE BOX (1/8" PER FOOT).
12. THE DISTRIBUTION BOX SHALL BE SET LEVEL AND ARRANGED SO THAT EFFLUENT IS EVENLY DISTRIBUTED TO EACH DISTRIBUTION LINE. ADEQUATE PROVISIONS SHALL BE TAKEN TO ASSURE STABILITY AND PROVIDE ACCESS FOR INSPECTION OF THE DISTRIBUTION BOX.
13. THE PIPES CONNECTING THE DISTRIBUTION BOX TO THE DISTRIBUTION LINES SHALL BE TIGHT JOINT CONSTRUCTION LAID ON UNDISTURBED EARTH OR PROPERLY BEDDED THROUGHOUT ITS LENGTH.
14. THE SYSTEM DESIGN DOES NOT INCLUDE PROVISIONS FOR GARBAGE GRINDERS. IN THE EVENT THAT GARBAGE GRINDERS ARE TO BE INSTALLED, THE CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO SEPTIC INSTALLATION FOR NECESSARY MODIFICATIONS.
15. FOOTING DRAINS, SUMP PUMPS OR WATER SOFTENER DISCHARGES SHALL NOT BE CONNECTED INTO THE SEPTIC SYSTEM.
16. CONTRACTOR TO COMPLY WITH ALL O.S.H.A. AND OTHER STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION.
17. AS PER NEW YORK STATE INDUSTRIAL CODE 53: CALL 1-800-962-7962 TO LOCATE BURIED CABLES, OR OTHER UNDERGROUND UTILITIES, NO LESS THAN TWO, OR MORE THAN TEN WORKING DAYS, PRIOR TO DIGGING, DRILLING, EXCAVATING, DRIVING POSTS, ETC.



NOTES:

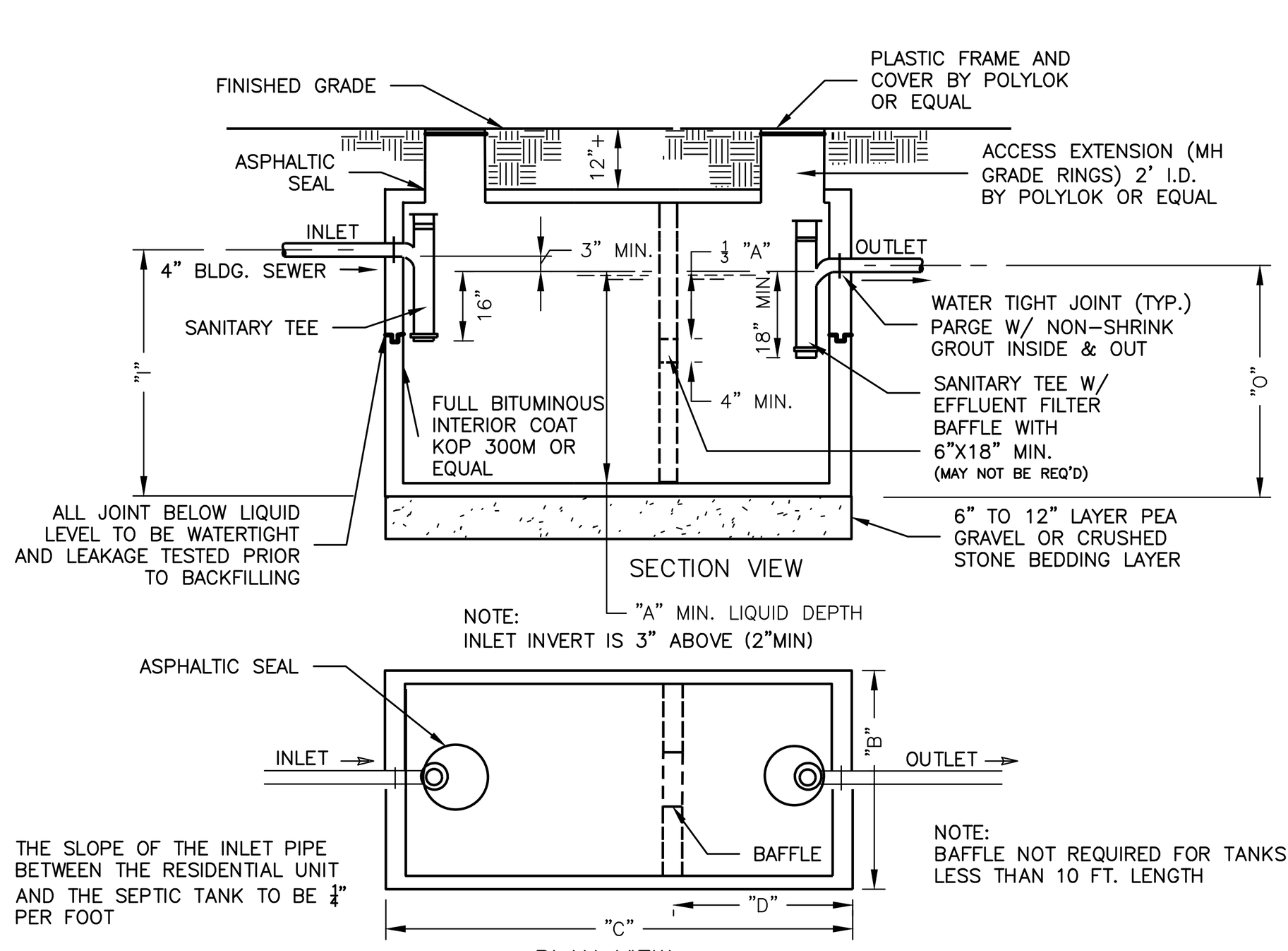
1. D-BOX TO BE #1 OR #2 DISTRIBUTION BOX BY FORT MILLER OR EQUAL.
2. INVERT ELEVATIONS OF ALL OUTLET PIPES MUST BE EQUAL. USE OF SPEED LEVELING DEVICES IS REQUIRED.
3. THE SLOPE OF OUTLET PIPES BETWEEN THE DISTRIBUTION BOX AND DISTRIBUTOR LATERALS SHOULD BE AT LEAST 1/32" PER FOOT.
4. BAFFLE IS REQUIRED.
5. D-BOX TO BE SET ON 12" MIN. COMPACTED CRUSHER RUN (ITEM #4) OR PEA GRAVEL.

8/17 DISTRIBUTION BOX
NOT TO SCALE



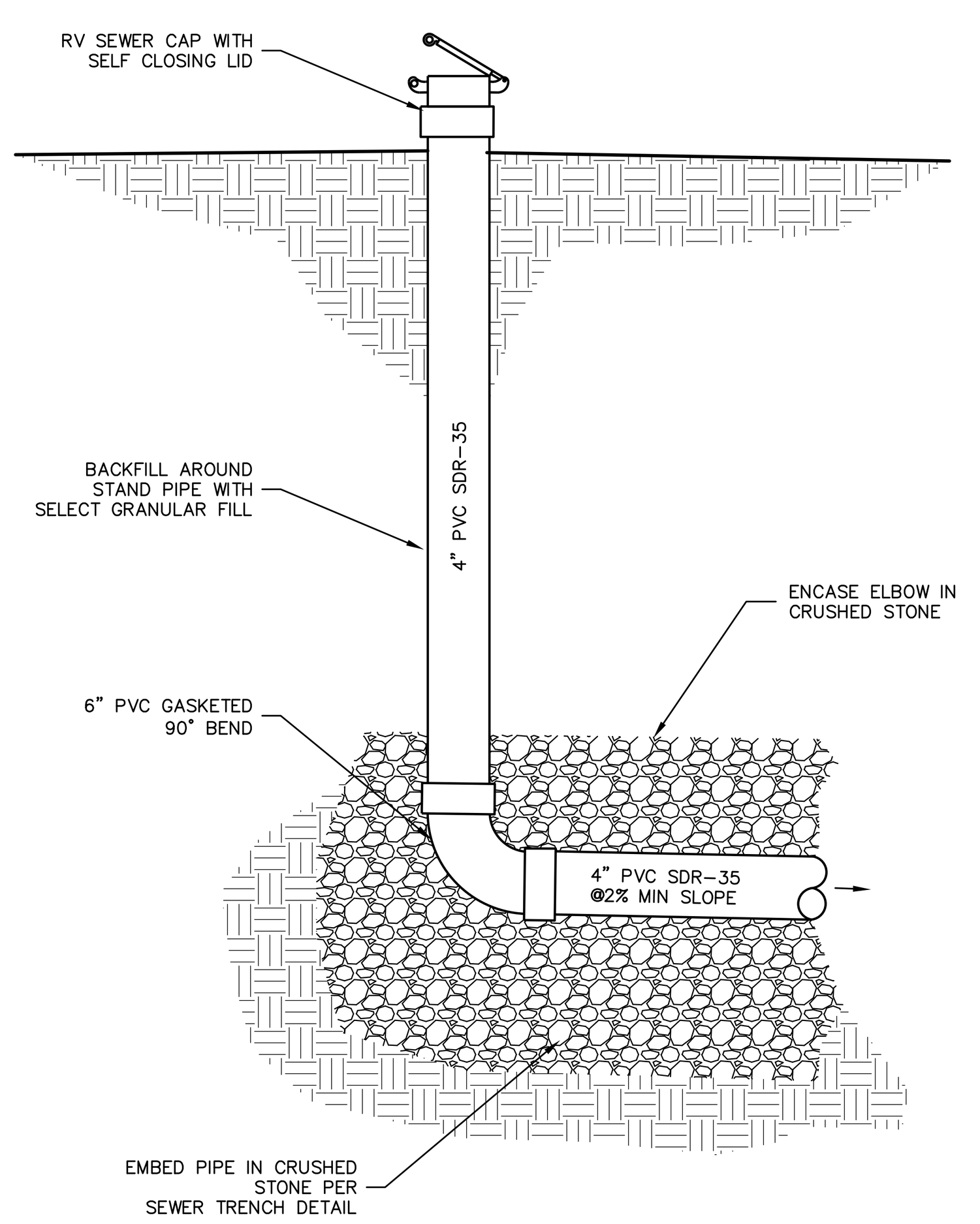
LATERAL CONNECTION PLAN VIEW

2/17 GRAVITY SEWER LATERAL CONNECTION
NOT TO SCALE

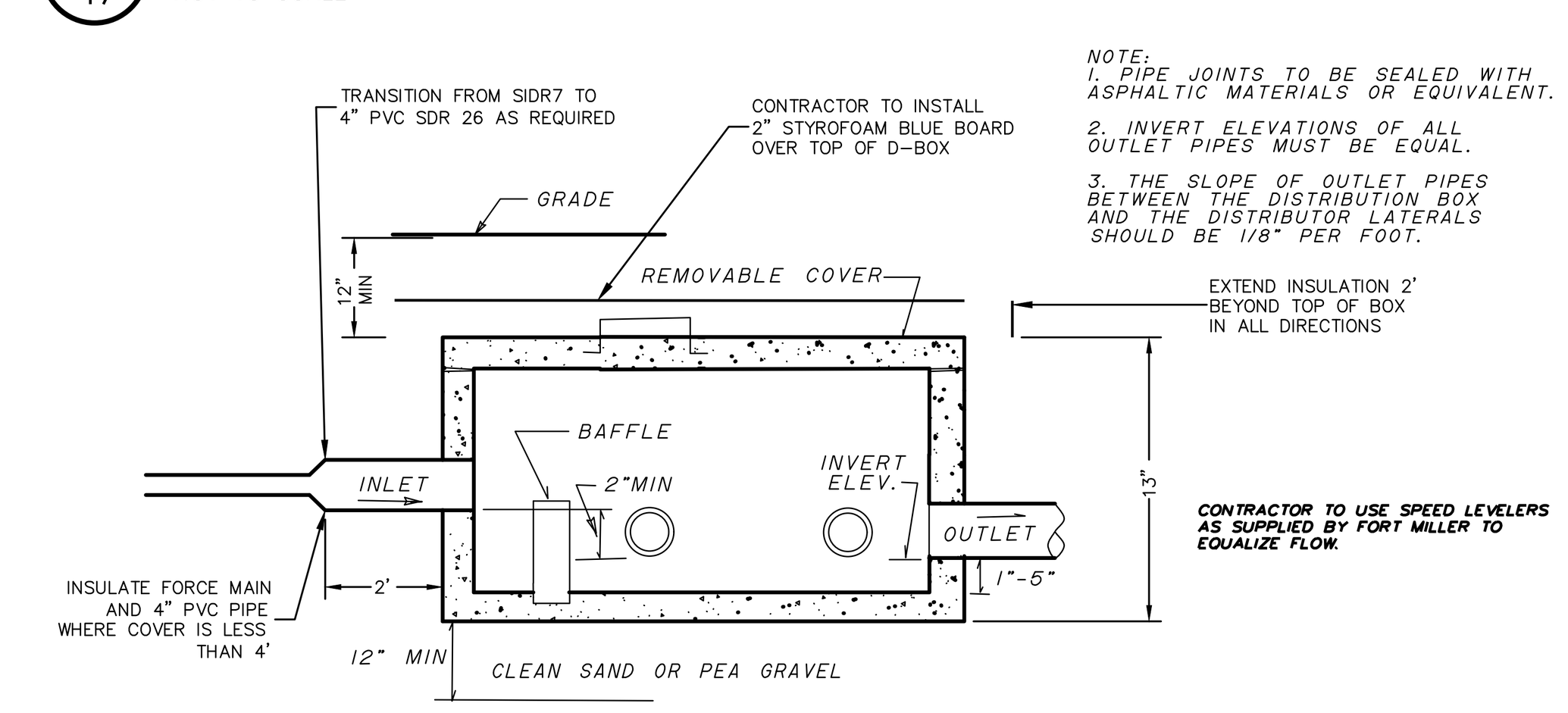


TANK SIZE	MIN. LIQUID DEPTH "A"	TANK DIMENSIONS "B"X"C"	"O"	"I"	OUTSIDE HEIGHTS
1500 GAL	4'-1"	6'-0" X 11'-0"	4'-10"	5'-1"	6'-3"

6/17 1500 GALLON SEPTIC TANK (HEAVY DUTY)
NOT TO SCALE

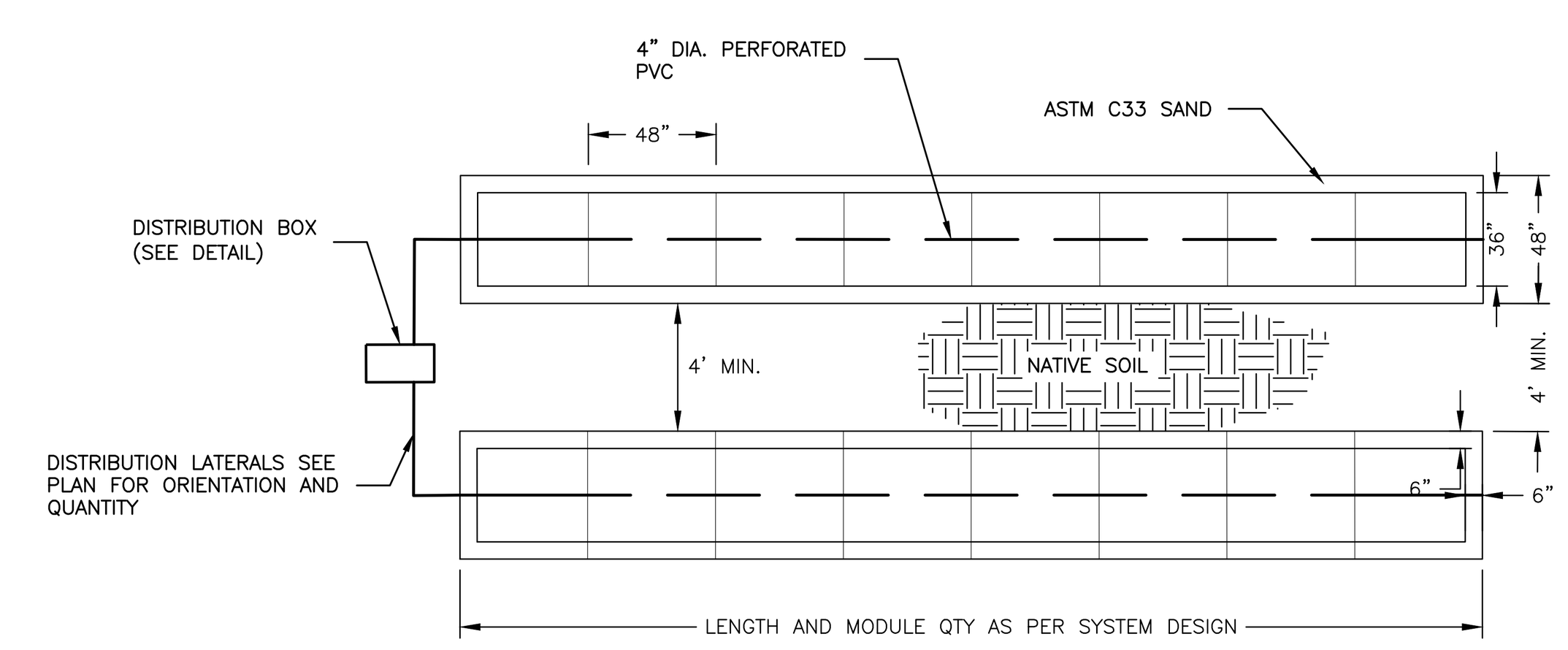


7/17 RV SEWER STAND PIPE
NOT TO SCALE

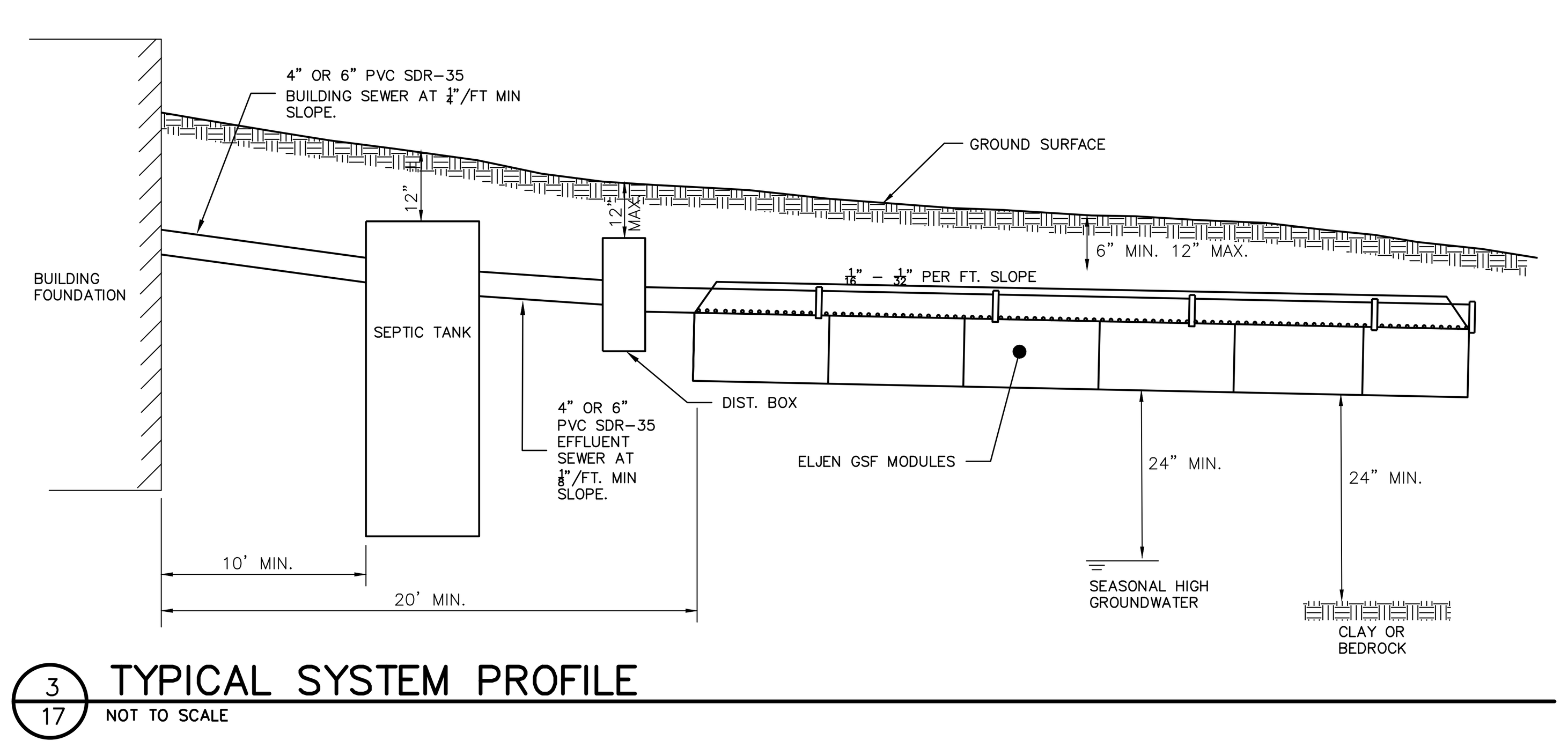


9/17 FORCE MAIN CONNECTION TO D-BOX
NOT TO SCALE

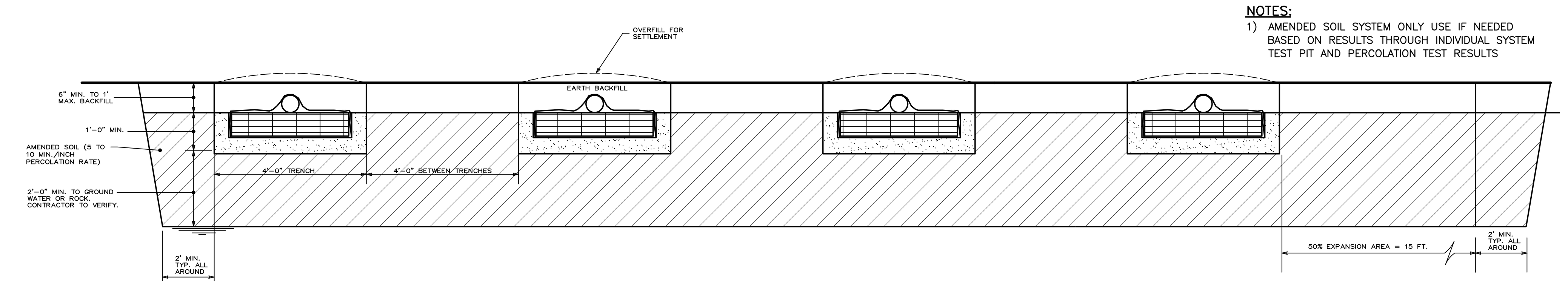
Adirondack Park Agency
FINAL
P2022-0008



10/17 ELJEN TRENCH (TYPICAL)
NOT TO SCALE



3/17 TYPICAL SYSTEM PROFILE
NOT TO SCALE



NOTES:
1) AMENDED SOIL SYSTEM ONLY USE IF NEEDED BASED ON RESULTS THROUGH INDIVIDUAL SYSTEM TEST PIT AND PERCOLATION TEST RESULTS

11/17 AMENDED SOIL SECTION
NOT TO SCALE

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621 edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR
WOODS HOLLOW CAMPGROUND
WOODS HOLLOW MINING COMPANY
WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	148270

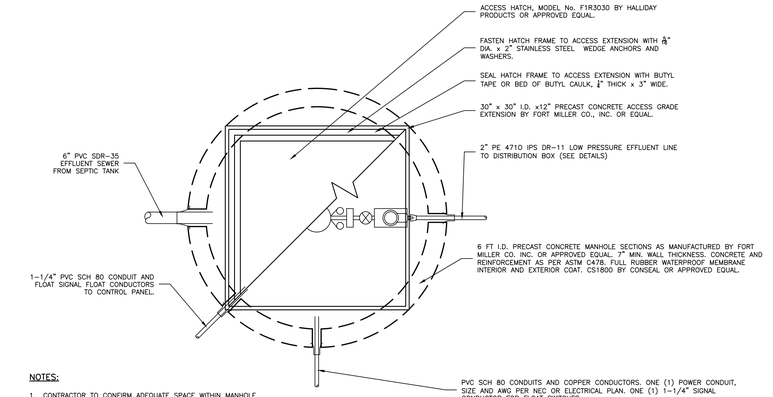
THE ALTERATION OF THESE DOCUMENTS IN ANY WAY, UNLESS DONE UNDER THE DIRECT SUPERVISION OF A COMPARABLE PROFESSIONAL, (I.E.) ENGINEER FOR AN ENGINEER, LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT OR SURVEYOR FOR A SURVEYOR, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: AS NOTED

NOT FOR CONSTRUCTION

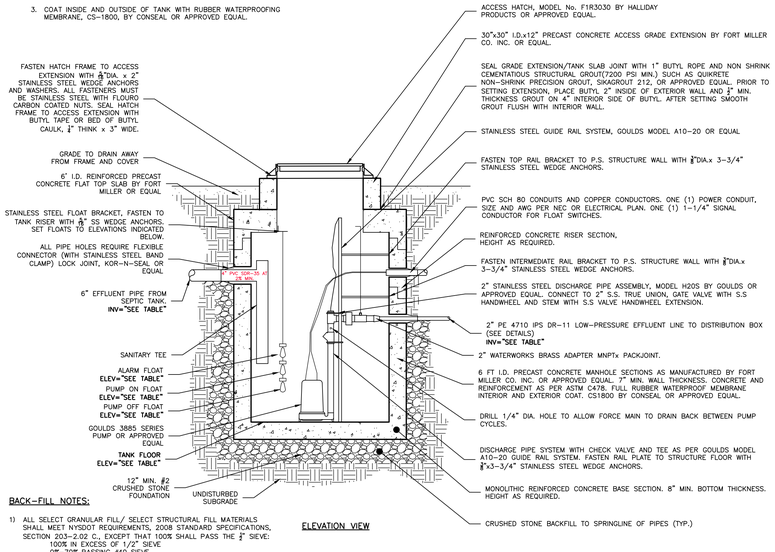
SHEET TITLE: SANITARY SEWER DETAILS



PLAN VIEW

NOTES:

1. CONTRACTOR TO CONFIRM ADEQUATE SPACE WITHIN MANHOLE STRUCTURE TO COMPLETE ALL FITTINGS AND APPURTENANCES AS SHOWN PRIOR TO ORDERING STRUCTURE.
2. FORCE MAIN TO BE INSTALLED AT CONSTANT UPWARD SLOPE TO DISTRIBUTION BOX (1% MIN SLOPE AND NO LOW SPOTS) IN ORDER TO ALLOW DRAIN BACK TO PUMP STATION BETWEEN PUMP CYCLES.
3. COAT INSIDE AND OUTSIDE OF TANK WITH RUBBER WATERPROOFING MEMBRANE, CS-1800, BY CONSEAL OR APPROVED EQUAL.



ELEVATION VIEW

BACK-FILL NOTES:

1) ALL SELECT GRANULAR FILL/ SELECT STRUCTURAL FILL MATERIALS SHALL MEET NYSDOT REQUIREMENTS, 2008 STANDARD SPECIFICATIONS, SECTION 203-2.02 C., EXCEPT THAT 100% SHALL PASS THE ¾" SIEVE:
   100% IN EXCESS OF 1/2" SIEVE
   0%-70% PASSING #40 SIEVE
   0%-12% PASSING #200 SIEVE
2) CRUSHED STONE SHALL NOT EXCEED No. 2 IN SIZE. ALL AGGREGATES SHALL MEET NYSDOT REQUIREMENTS, 2008 STANDARD SPECIFICATIONS, SECTION 703.

1 SIMPLEX PUMP PIT
18 NOT TO SCALE

PUMP TANK ELEVATIONS						
SEPTIC I.D.	INV IN (FT)	FLOOR (FT)	PUMP OFF (FT)	PUMP ON (FT)	ALARM (FT)	INV OUT (FT)
1A	845.3	841.3	842.3	842.6	843.1	843.8
2A	842.0	838.0	839.0	839.4	839.9	840.5
3A	823.0	819.0	820.0	820.3	820.8	821.5
6A	843.5	839.5	840.5	841.3	841.8	842.0
8A	815.0	811.0	812.0	812.6	813.1	813.5
9A	818.0	814.0	815.0	815.5	816.0	816.5
10A	814.8	810.8	811.8	812.4	812.9	813.3
11A	822.0	818.0	819.0	819.5	820.0	820.5
13A	833.0	829.0	830.0	830.5	831.0	831.5
14A	819.0	815.0	816.0	816.5	817.0	817.5
15A	815.0	811.0	812.0	812.7	813.2	813.5
16A	836.0	832.0	833.0	833.7	834.2	834.5
17A	849.0	845.0	846.0	846.7	847.2	847.5
18A	824.5	820.5	821.5	822.2	822.7	823.0
19A	780.0	776.0	777.0	777.5	778.0	778.5
3B	833.0	829.0	830.0	830.5	831.0	831.5
5B	823.5	819.5	820.5	820.8	821.3	822.0
7B	780.0	776.0	777.0	777.4	777.9	778.5

PUMP SPECIFICATIONS (GOULDS 3885)								
SEPTIC I.D.	PUMP OFF ELEV	D-BOX ELEV	ELEVATION HEAD	FORCE MAIN LENGTH (FT)	PUMP RATE (GPM)	HEAD LOSS (FL+MISC)	TDH	PUMP SPEC
1A	842.3	848.0	5.7	20.0	50.0	1.7	7.4	WE03M
2A	839.0	845.0	6.0	20.0	50.0	1.7	7.7	WE03M
3A	820.0	826.0	6.0	15.0	50.0	1.8	7.8	WE03M
6A	840.5	846.5	6.0	437.0	38.0	15.0	21.0	WE05H
8A	812.0	824.0	12.0	197.0	35.0	6.4	18.4	WE03M
9A	815.0	820.0	5.0	129.0	50.0	4.6	9.6	WE03M
10A	811.7	833.0	21.3	360.0	35.0	10.9	32.2	WE05HH
11A	819.0	825.0	6.0	125.0	50.0	7.7	13.7	WE03M
13A	830.0	817.5	0.0	200.0	55.0	13.7	13.7	WE03M
14A	816.0	820.0	4.0	180.0	42.0	7.9	11.9	WE03M
15A	812.0	832.0	20.0	270.0	42.0	11.4	31.4	WE07H
16A	833.0	848.0	15.0	350.0	42.0	14.5	29.5	WE07H
17A	846.0	856.0	10.0	370.0	43.0	15.9	25.9	WE05H
18A	821.5	785.0	0.0	470.0	40.0	17.6	17.6	WE03M
19A	777.0	780.5	3.5	150.0	52.0	9.6	13.1	WE03M
3B	830.0	836.0	6.0	220.0	48.0	11.9	17.9	WE05H
5B	820.5	835.0	14.5	193.0	35.0	6.3	20.8	WE05H
7B	777.0	789.0	12.0	160.0	42.0	7.2	19.2	WE05H

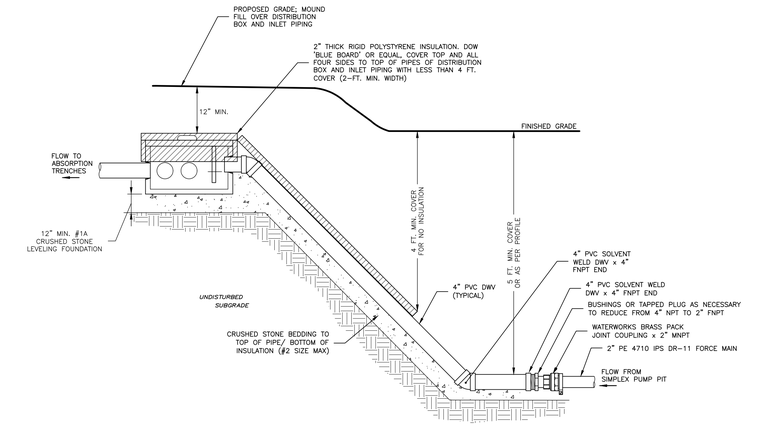
ELECTRICAL NOTES:

1. THE CONTRACTOR SHALL VERIFY LINE VOLTAGE AVAILABLE AT THE SITE PRIOR TO ORDERING OF ELECTRICAL EQUIPMENT
2. IF INSTALLED OUTSIDE THE PUMP CONTROL PANEL SHALL BE A NEMA 4X ENCLOSURE, SIMPLEX TYPE AS MANUFACTURED BY SJE-RHOMBUS OR APPROVED EQUAL AND INCLUDE THE FOLLOWING:
   2.1. A THERMOSTATICALLY CONTROLLED HEATER TO PREVENT CONDENSATION
   2.2. VISUAL AND AUDIBLE ALARM FOR HIGH WATER LEVEL AND PUMP MALFUNCTION CONDITIONS WITH A TEXT/NORMAL/ SILENCE SWITCH
   2.3. PUMP RUN INDICATOR LIGHT AND H-O-A SWITCH
   2.4. PUMP ELAPSED RUN-TIME COUNTER
   2.5. KEYED LOCK OR HASP FOR PADLOCKING
3. THE CONTROL PANEL SHALL BE LOCATED IN A CONSPICUOUS LOCATION, 5-FT MIN. FROM THE P.S. HATCH AND/OR VENT PIPE, AS SHOWN ON THE PLANS OR AS APPROVED BY THE OWNERS REPRESENTATIVE
4. THERE SHALL BE NO ELECTRICAL SPLICES, JUNCTION BOXES, OR CONNECTIONS OF ANY KIND IN THE PUMP CHAMBER (WET WELL)
5. LEVEL CONTROLS SHALL BE INTRINSICALLY SAFE
6. ALL CONDUCTORS SHALL BE COPPER UNLESS OTHERWISE NOTED
7. ALL ELECTRICAL WORK SHALL BE DONE IN FULL COMPLIANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND ALL STATE AND LOCAL CODES.
8. ALL ELECTRICAL MATERIALS SHALL BE U.L. LISTED
9. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS

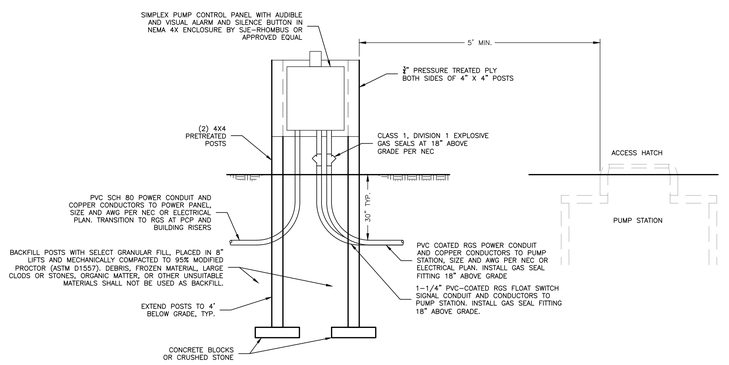
DOSING CALCULATIONS							
SEPTIC I.D.	TRENCH LENGTH (FT)	DISTRIBUTION PIPE VOLUME (CF)	FORCE MAIN LENGTH	FORCE MAIN VOLUME (CF)	DOSING VOLUME (CF)	PUMP TANK VOLUME PER FOOT (CF)	ON/OFF ELEVATION DIFFERENCE (IN)
1A	123	11	20	0.4	9	28	4.0
2A	159	14	20	0.4	12		5.0
3A	123	11	15	0	9		4.0
6A	180	16	437	9.5	22		9.0
8A	180	16	197	4	17		7.0
9A	180	16	129	3	15		6.0
10A	180	16	327	7	20		8.0
11A	180	15	125	3	15		6.0
13A	159	14	200	4	15		6.0
14A	159	14	180	4	15		6.0
15A	180	16	270	6	18		8.0
16A	180	16	350	8	20		9.0
17A	164	14	370	8	19		8.0
18A	147	44	470	10	45		19.0
19A	171	15	150	3	15		6.0
3B	147	13	220	5	15		6.0
5B	66	6	400	9	13		6.0
7B	123	11	160	4	12		5.0

DOSING CALCULATION NOTES:

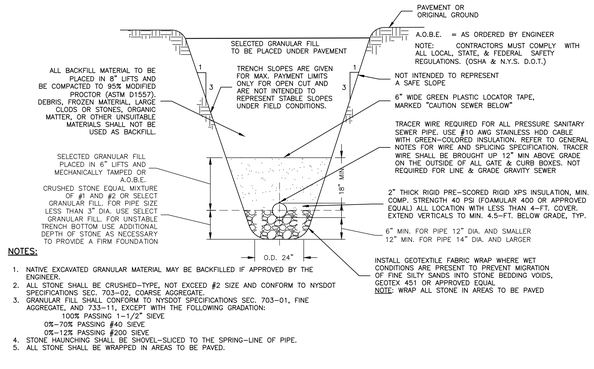
- DISTRIBUTION PIPE VOLUME WAS CALCULATED USING A PIPE DIAMETER OF 4 INCHES
- FORCE MAIN PIPE VOLUME WAS CALCULATED USING A PIPE DIAMETER OF 2 INCHES
- DOSING VOLUME WAS CALCULATED BY ADDING 80% OF DISTRIBUTION PIPE VOLUME + 100% FORCE MAIN VOLUME.
- PUMP TANK VOLUME BASED OF 6' DIAMETER CONCRETE TANK. TANK DIMENSIONS AND VOLUME SHOULD BE CONFIRMED BASED ON ACTUAL TANKS USED PRIOR TO PUMP STARTUP.



2 PUMPED EFFLUENT DISTRIBUTION BOX INLET PIPING
18 NOT TO SCALE



3 SIMPLEX CONTROL PANEL
18 NOT TO SCALE



NOTES:

1. NATIVE EXCAVATED GRANULAR MATERIAL MAY BE BACKFILLED IF APPROVED BY THE ENGINEER.
2. ALL STONE SHALL BE CRUSHED-TYPE, NOT EXCEED #2 SIZE AND CONFORM TO NYSDOT SPECIFICATIONS SEC. 703-02, COARSE AGGREGATE.
3. GRANULAR FILL SHALL CONFORM TO NYSDOT SPECIFICATIONS SEC. 703-01, FINE AGGREGATE, AND 733-11, EXCEPT WITH THE FOLLOWING GRADATION:
   100% PASSING 1-1/2" SIEVE
   0%-70% PASSING #40 SIEVE
   0%-12% PASSING #200 SIEVE
4. STONE HAUNCHING SHALL BE SHOVEL-SLICED TO THE SPRING-LINE OF PIPE.
5. ALL STONE SHALL BE WRAPPED IN AREAS TO BE PAVED.

4 TRENCH DETAIL
18 NOT TO SCALE

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7421
edpllp.com

RV PARK FOR WOODS HOLLOW CAMPGROUND

WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

Adirondack Park Agency

FINAL
P2022-0008

DRAWN BY	STA
CHECKED BY	TJM
EDP PROJECT NUMBER	140270

REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: AS NOTED

NOT FOR CONSTRUCTION

SHEET TITLE: SANITARY SEWER DETAILS

SHEET: 18 of 19

D:\FULTON\MAYFIELD\Woods Hollow Road\175 - Kimmey\05-dwg\Detailed Plans\SHEETS\12-DT-Woods Hollow Rd.dwg Sep 28, 2022 09:45:30AM.

LIGHTING PLAN LEGEND:

- S1 — DENOTES SINGLE FIXTURE LIGHTPOLE
- S1D — DENOTES DOUBLE FIXTURE LIGHTPOLE
- W1, W2 — DENOTES WALL-MOUNTED LIGHT
- C1 — DENOTES CANOPY DOWN-LIGHT
- F1 — DENOTES SIGNAGE FLOODLIGHT
- F2 — DENOTES SIGNAGE LIGHT

EXTERIOR LIGHTING SCHEDULE

LABEL	QTY	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP
S1-16	12	GARDCO/SIGNIFY NORTH AMERICA CORP.	ECF-S-64L-600mA-AM G2-AR-4-120-CS50-IMRI3-PCB-F1-RPA-BZ	ECOFORM SMALL AREA LIGHT (POLE-MOUNTED)	AMBER NARROW SPECTRUM LED
S1D-16	2	GARDCO/SIGNIFY NORTH AMERICA CORP.	ECF-S-64L-600mA-AM G2-AR-4-120-CS50-IMRI3-PCB-F1-RPA-BZ	ECOFORM SMALL AREA LIGHT (POLE-MOUNTED)	AMBER NARROW SPECTRUM LED
S1-10	4	GARDCO/SIGNIFY NORTH AMERICA CORP.	ECF-S-64L-600mA-AM G2-AR-4-120-CS50-IMRI3-PCB-F1-RPA-BZ	ECOFORM SMALL AREA LIGHT (POLE-MOUNTED) WITH WILD-LIFE FRIENDLY SHIELD	AMBER NARROW SPECTRUM LED
W1	13	GARDCO/SIGNIFY NORTH AMERICA CORP.	PWS-48L-600mA-AM-G2-4-UNV-CE50-IMRI2-PCB-F1-BZ	PUREFORM LED WALL SCONCE PWS	AMBER NARROW SPECTRUM LED
W2	13	GARDCO/SIGNIFY NORTH AMERICA CORP.	PWS-48L-600mA-AM-G2-2-UNV-CE50-IMRI2-PCB-F1-BZ	PUREFORM LED WALL SCONCE PWS	AMBER NARROW SPECTRUM LED
C1	3	GARDCO/SIGNIFY NORTH AMERICA CORP.	SVPG-140L-450-WW-G2-SM-3-EBPC-120-BL-F1-BZ	SOFTVIEW LED CANOPY LUMINAIRES	LED 3000K
F1	2	GARDCO/SIGNIFY NORTH AMERICA CORP.	FLDS-A01-730-RNF-YOK-120-FAWS-FS1-VPA-PCB-BZ	DURAFORM SMALL FLOODLIGHT WITH SHIELD	LED 3000K
F2	4	RAB LIGHTING	GN1LED-13-Y-R-AC-11-A	GOOSENECK LED SIGN LUMINAIRE	LED 13W/2700K

NOTES:
1. REFER TO FOOTCANDLE ANALYSIS, SHEETS FC-01 THROUGH FC-04, FOR ENLARGED PLANS OF PHOTOMETRICS DISTRIBUTION DISPLAY FOR PROPOSED LIGHTING IN AREAS A-I.
2. SITE LIGHTING IN USE DURING SEASONAL CAMPGROUND OPERATION ONLY. MAINTENANCE BUILDING AND BUILDING-MOUNTED SECURITY LIGHTING IN USE YEAR-ROUND AS REQUIRED TO COMPLY WITH BUILDING CODE.

Adirondack Park Agency
FINAL
P2022-0008

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
900 Route 146 Clifton Park, New York 12065
(518) 371-7621 edpllp.com

TAX MAP No. 137.-4-51, 137.-4-52, 137.-4-54.11, 137.-4-55, 137.-4-56
OCTOBER 6, 2021

RV PARK FOR WOODS HOLLOW CAMPGROUND

WOODS HOLLOW MINING COMPANY

WOODS HOLLOW ROAD
TOWN OF MAYFIELD
FULTON COUNTY, NEW YORK

DRAWN BY		STA
CHECKED BY		TJM
EDP PROJECT NUMBER		148270
REVISION	DATE	BY
REVISED PER MUNICIPAL COMMENTS	7/20/22	TJM
SUBMITTAL TO APA	7/21/22	TJM
SUBMITTAL TO APA AND DOH	9/16/22	TJM

SCALE: 1" = 120'

NOT FOR CONSTRUCTION

SHEET TITLE: LIGHTING PLAN