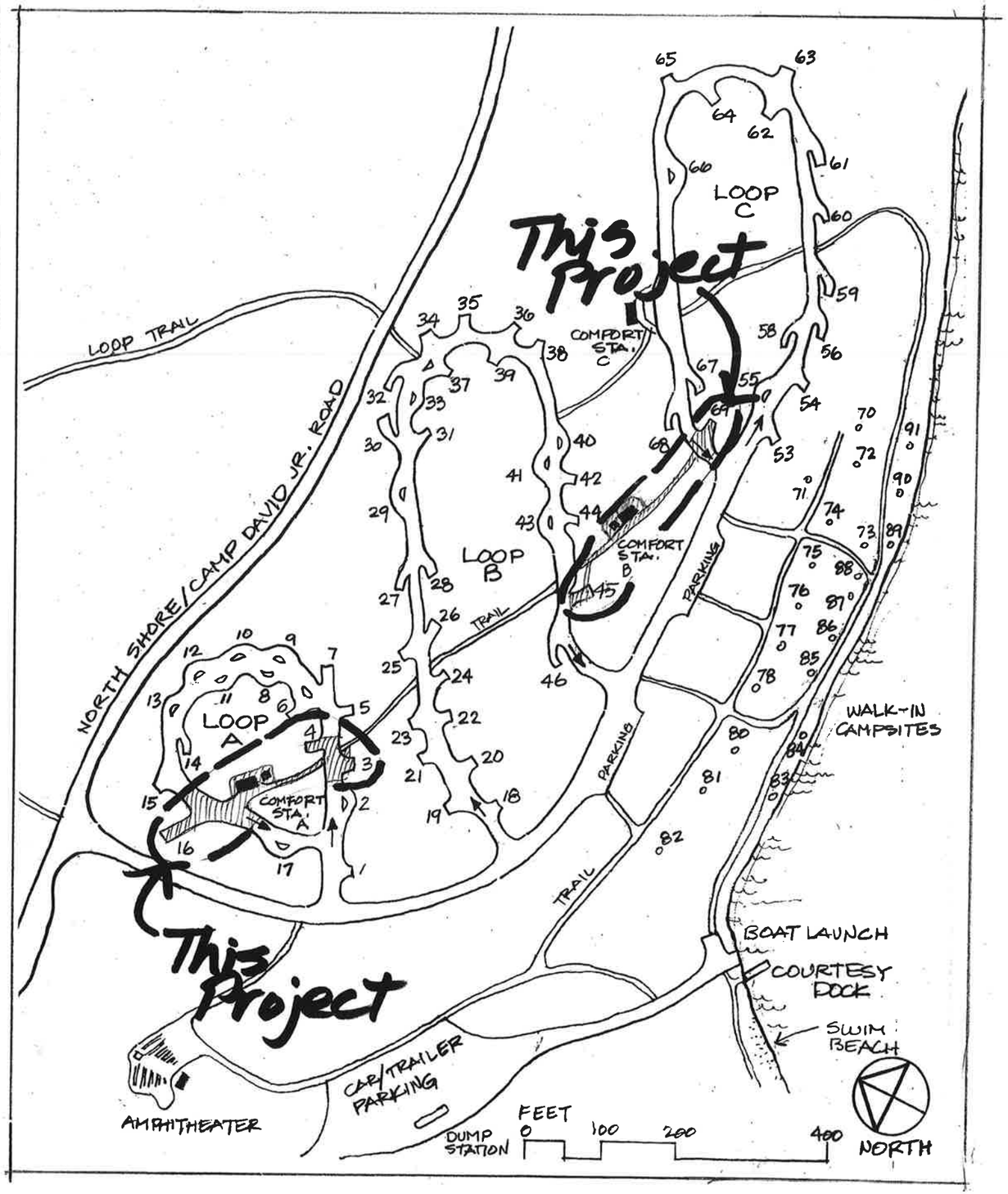
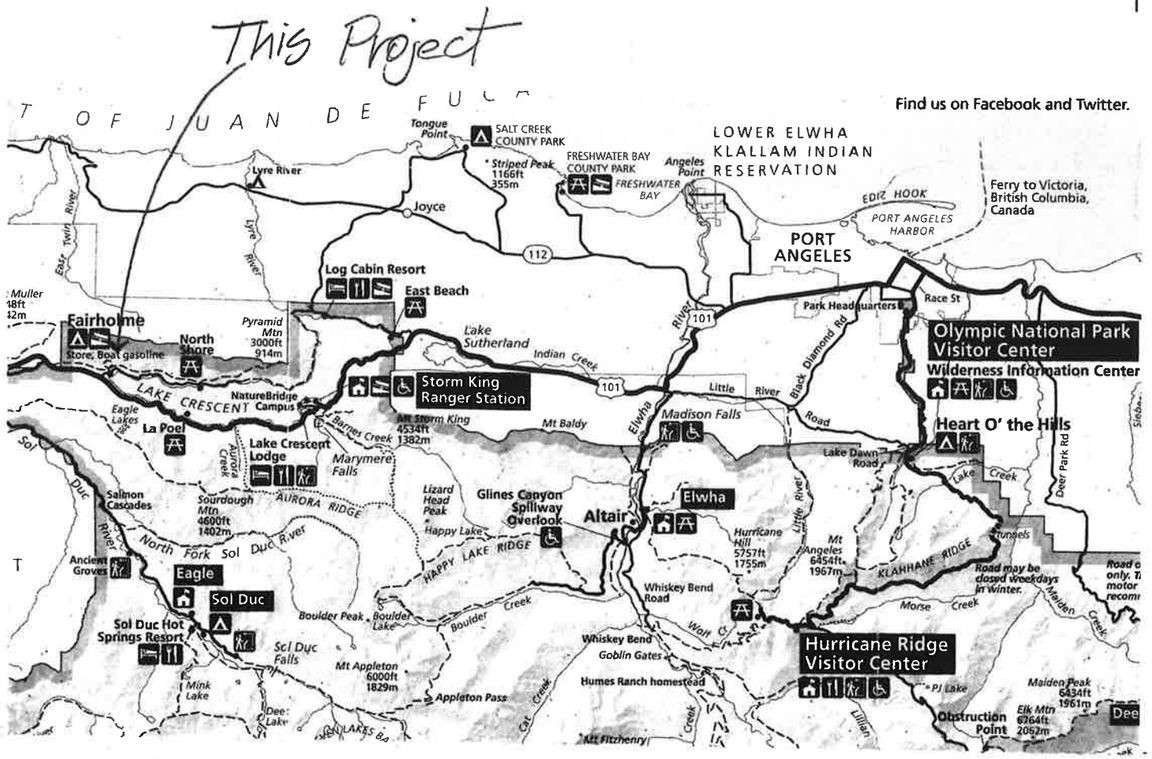


Rehabilitate Comfort Stations A and B for ABA Access

Fairholme Campground

Olympic National Park



Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 1
Project Rehab. Comfort Stations A & B for ABA Access			of
Feature Cover Sheet & Location	By Galloway	Checked	
	Date 1/14/2025	Date	

Index

Sheet	Description
1	Cover Sheet & Location
2	Index
3	Comfort Station A Site Plan
4	Comfort Station A Existing Conditions
5	Comfort Station A Removals
6	Comfort Station A Layout Plan
7	Comfort Station A Layout Plan
8	Comfort Station A Grading Plan
9	Family Restroom Floor Plan & Foundation Plan
10	Family Restroom Notes
11	Details - Sections A, B & I
12	Details - Section C - Concrete retaining wall & railing
13	Details - Section D, E, F & L conc. stairs & walkway
14	Details - Section G - ABA Ramp & Conc. Ret. Walls
15	Details - Section H - ABA Ramp & Handrails
16	Details - Section J - Rock Wall
17	Details - Erosion Control
18	Site 16 Site Plan
19	Site 16 Existing Conditions & Removals
20	Site 16 Layout Plan
21	Site 16 Grading Plan
22	Site 4 Site Plan
23	Site 4 Layout Plan
24	Site 4 Removals
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27	Site 3 Site Plan
28	Site 3 Existing Conditions & Removals
29	Site 3 Layout Plan
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31	Comfort Station B Site Plan
32	Comfort Station B Existing Conditions & Removals
33	Comfort Station B & Site 45 Exist. Conditions & Removals
34	Comfort Station B Layout & Grading Plan
35	Comfort Station B Layout & Grading Plan
36	Comfort Station B Layout & Grading Plan - Trail
37	Site 45 Site Plan
38	Site 45 Layout & Grading Plan
39	Site 69 Site Plan
40	Site 69 Existing Conditions & removals
41	Site 69 Layout & Grading Plan

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 2 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Drawings Index	Date 1/14/2025	Date	

Legend

- Concrete paving
- Asphalt paving
- Compacted 5/8" minus surfacing
- Planting area
- Concrete stem wall and footing
- Reinforced concrete retaining wall
- Bollard
- Boise water valve and septic tank access covers
- Plastic drain pipe
- Galvanized hand rail
- Rock wall
- EJ Expansion Joint

Compacted 5/8" minus crushed rock surfacing

Site 16

Concrete walkway

One-way Asphalt Access Road

White painted speed bump warning traffic marking per WSDOT standards

Bollard

See Sht. 11

New asphalt paving

Grass Planting Area

See Sht. 16

J

Match Line

Rock wall

Concrete crosswalk with truncated domes cast in place both sides and white painted markings per WSDOT stds.

6" wide white painted road edge marking per WSDOT stds.

See Sht. 15

Ramp up

Planting Area for ferns

Landing

New asphalt paving

G

See Sht. 14

Comfort Station A

See Sht. 11

A

B

Family Restroom

F

See Sht. 13

Ramp up

See Sht. 13

E

See Sht. 16

C

See Sht. 12

Daylight drain

Reinforced concrete retaining wall with galvanized hand rail

D

Rock wall

See Sht. 13

End of existing concrete block retaining wall

Fee cannister

Information board

Concrete walkway

Planting area for grass

L

See Sht. 13

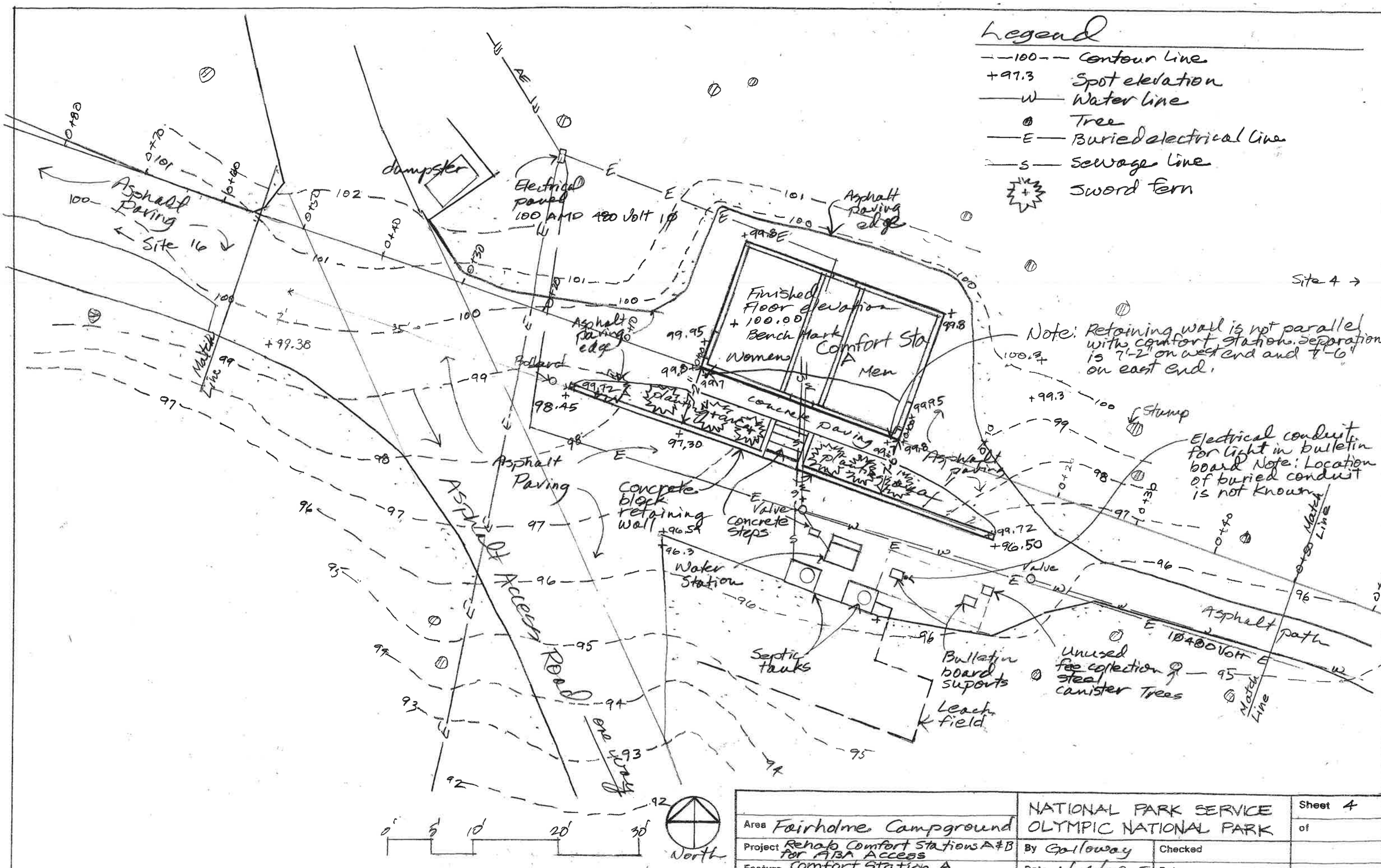
One-way Asphalt Access Road

Match Line

0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 3 of
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Comfort Station A Site Plan	Date 1/14/2025	Date	



Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 4 of
Project Rehab Comfort Stations A&B for ABA Access	By Galloway	Checked	
Feature Comfort Station A Existing Conditions	Date 1/14/2025	Date	

Legend

- Asphalt Removal
  Note: This includes any concrete slab under asphalt on the sides of restroom
- Concrete paving and steps removal
- Concrete block wall removal (including concrete footing)

Site #16

Saw Cut

Match Line

If concrete sidewalk exists under asphalt paving, then remove concrete also.)

Comfort Station A

13'±

14'±

Salvage 7 sword ferns and preserve for replanting; coordinate with Reed in plants to location per Contracting Officer's direction

Saw cut

Remove water Station and cap water line at closest T or in comfort station, whichever is closest

Base Bid includes removal of asphalt walkway to match line, which is located 49' from end of existing concrete block retaining wall

49'

Remove fee cannister and preserve and reset per drawings

Match Line

Remove and preserve information board and reset when appropriate per drawings. Location to remain the same.

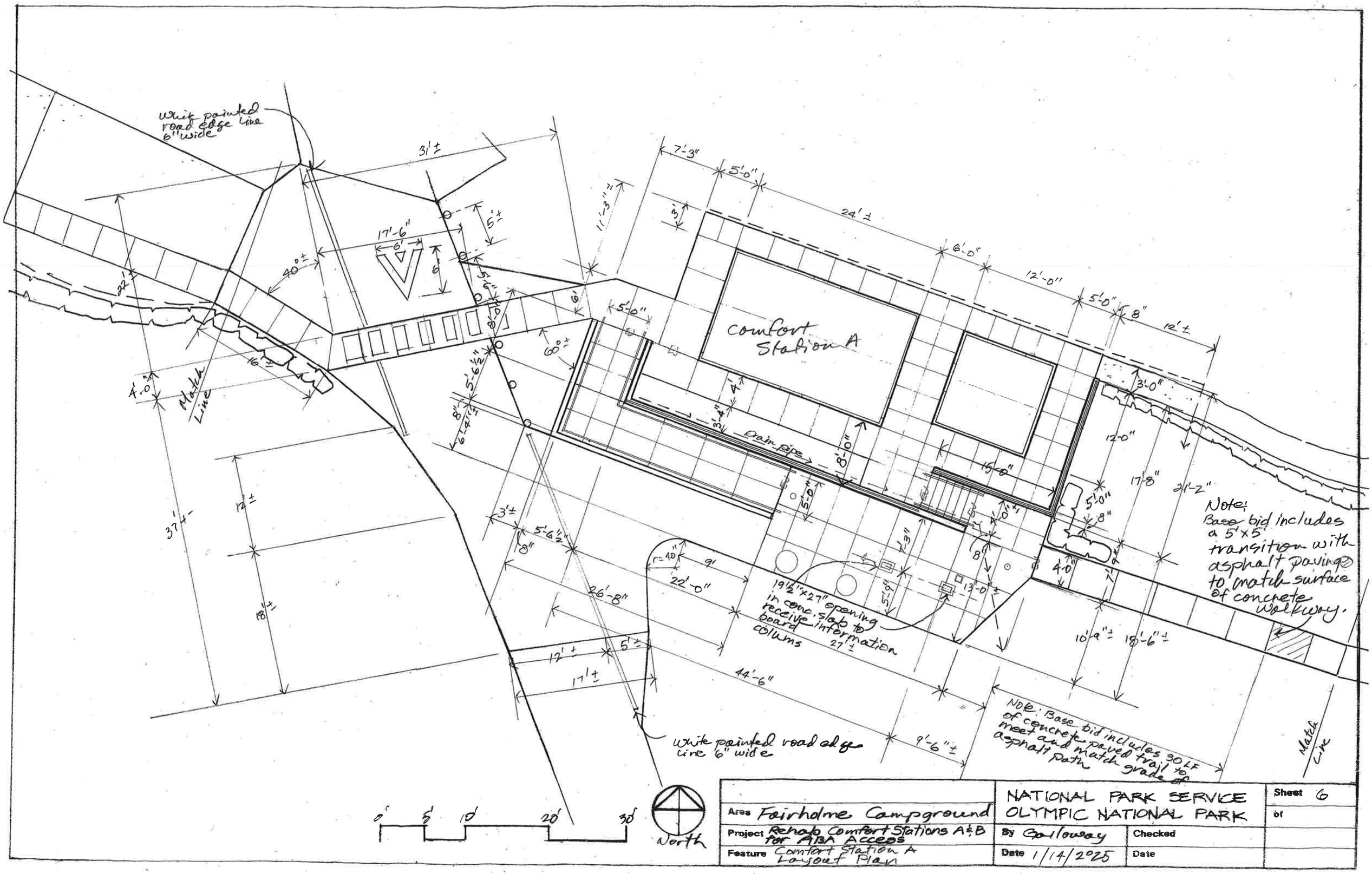
Notes

1. Salvage 7 sword ferns located.
2. Disconnect electrical wiring at information board and preserve for reconnection as appropriate.

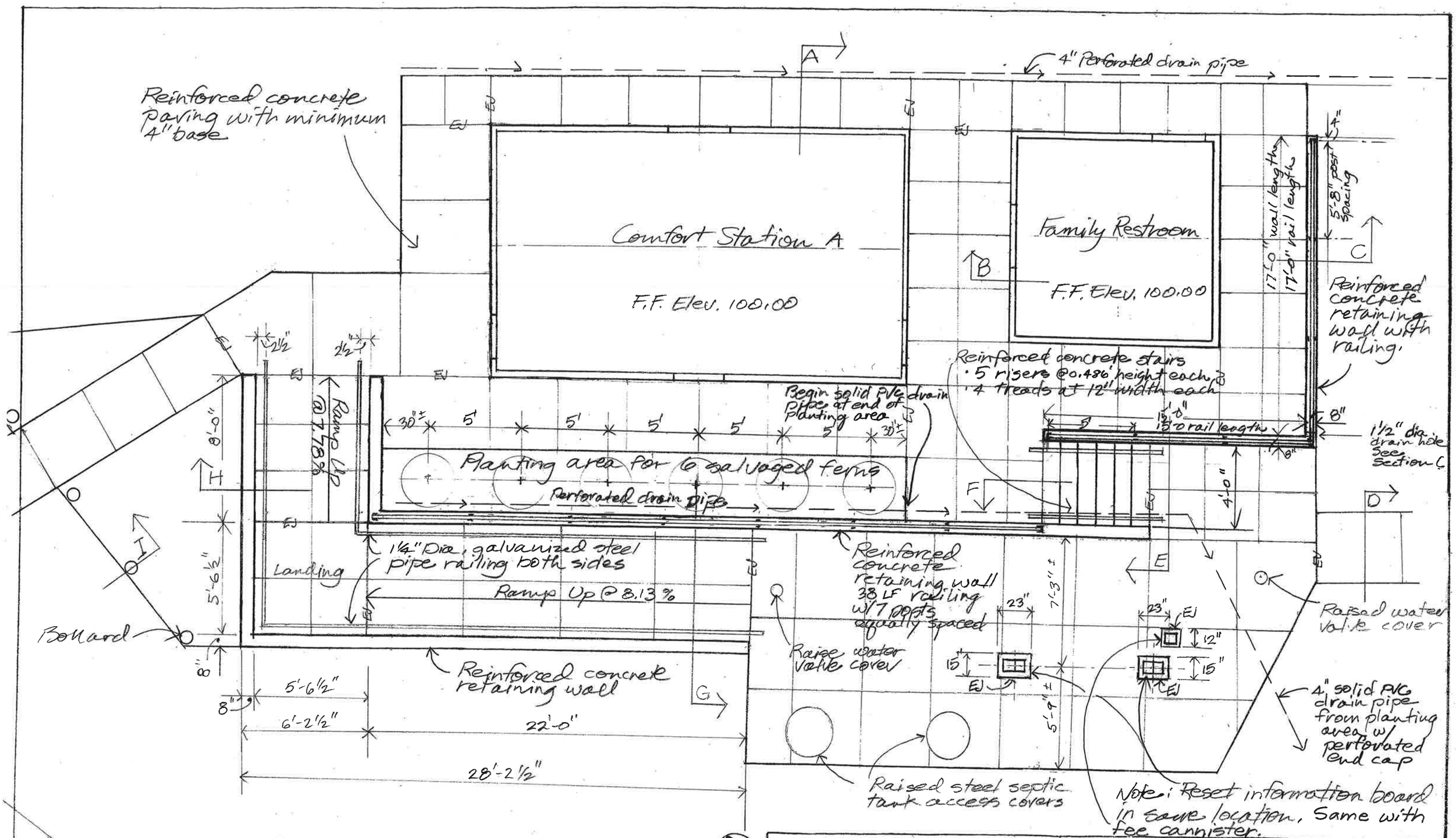
0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 5 of
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Comfort Station A Removals	Date 1/14/2025	Date	



Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 6 of
Project Rehab Comfort Stations A&B for ABA Access	By Galloway	Checked	
Feature Comfort Station A Layout Plan	Date 1/14/2025	Date	



Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 7 of
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Comfort Station A Layout Plan	Date 1/14/2025	Date	

Legend

- Drainage swale
- Direction drainage
- 99.01 / 98.70 — Proposed Spot Elevation / Existing Spot Elevation
- * Install 2 septic risers and reuse or replace steel lids in kind to match finish grade of concrete slab
- √• Replace or reuse 2 water valve box risers in kind and raise to match finish grade of concrete slab
- TW Top of wall elevation
- BW Bottom wall elevation
- 98 — Existing contour line
- 98 — Proposed contour line
- ± May require field adjustment to fit with existing grade

Match Grades 102.0± / 102.0±

102.0± / 102.0±

100.92 / 100.8±

100.66 / 99.5±

100.70 / 100.0±

99.50 / 99.8±

99.46 / 99.2±

5% max.

Match Line

100.00 / 99.5±

99.96 / 99.1±

99.0± / 98.1±

98.1± / 98.1±

TW 100.35 BW 98.0± / 98.0±

96.8± / 96.8±

97.3± / 97.2±

95.2± / 95.2±

95.6± / 95.6±

99.33 / 98.0±

99.96 / 100.2±

TW 100.35 BW 99.96 / 99.5±

99.96 / 100.5±

TW 100.35 BW 99.96

TW 100.35 BW 99.33 / 97.8±

97.7± / 97.5±

99.95 / 99.6±

99.96 / 99.66±

99.98 / 99.66±

99.96 / 99.6±

F.F. 100.00

99.96 / 99.60

99.86 / 99.6±

Comfort Station A

Ramp 7.78%

3/opa drain pipe to flows east

Ramp 8.13%

97.0± / 96.2±

95.6± / 95.6±

97.6± / 96.8±

Match Grades 94.4± / 94.4±

Match Grades 94.80± / 94.80±

94.80± / 94.80±

99.96 / 99.90±

TW 100.35 BW 99.96 / 99.0±

TW 100.35 BW 97.54 / 96.4±

97.41 / 96.2±

97.54 / 96.5±

99.95 / 99.55±

99.98 / 99.66±

99.98 / 100.3±

Family Restroom

97.54 / 97.5±

TW 100.35 BW 97.54 / 96.5±

97.41 / 95.8±

99.95 / 100.4±

TW 100.35 BW 99.96 / 100.2±

Max. 5% to Site 4

99.98 / 98.0±

97.54 / 96.8±

97.52 / 96.4

97.50

99.95 / 97.0±

2" Dia drainage hole for conc. slab at retaining wall

TW 100.35 BW 99.45 BW 97.54 / 96.8±

8% DN

96.02 / 95.8±

96.00 / 95.8±

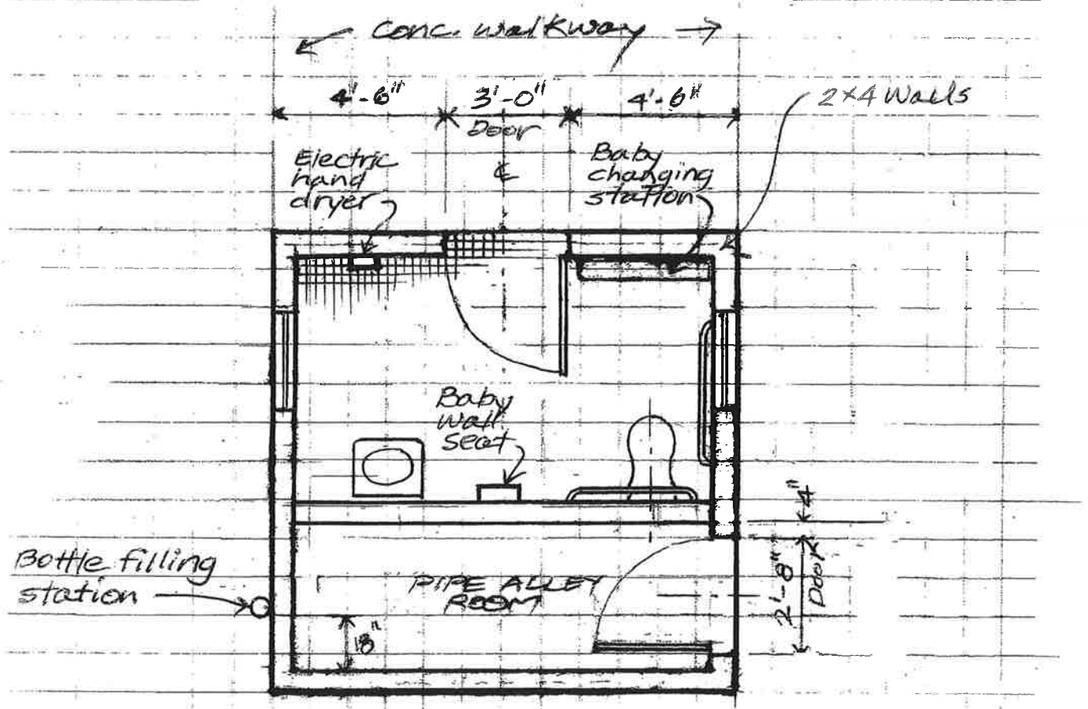
Match Line

0' 5' 10' 20' 30'

North

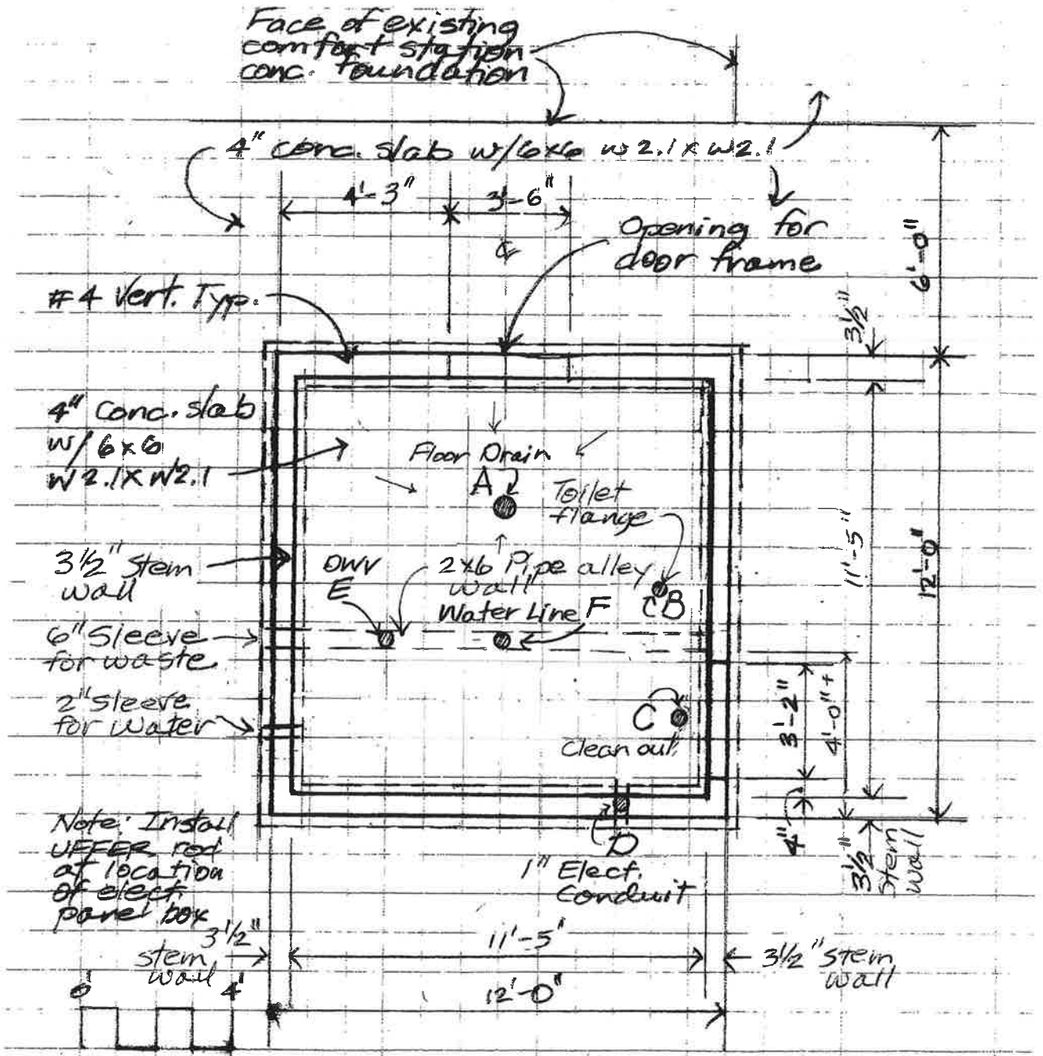
Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 8 of
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Comfort Station A Grading Plan	Date 1/14/2025	Date	

Note: Openings in foundation subject to adjustment.



FLOOR PLAN

Note:
The Floor Plan is for information only and is not in the Contract.



FOUNDATION PLAN

See Notes on next Sheet

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 9 of
Area Fairholme Campground			Pkg.
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	Account
Feature Family Restroom Floor Plan & Foundation Plan	Date 1/14/2025	Date	

Notes for Sheet 9

A. Install floor drain to manufacturers specifications for a concrete slab that will be finished in tile. Connect trap primer to 1/2" pex and stub up into pipe alley wall. Basis of design: Sioux Chief, Adjustable On-Grade Floor Drain, Item number 832-25ANQ 2" ABS Hub -5-7/8" Sqr Niki-Brnz Ring & Strainer or approved equal.

B. Set center of toilet flange 19" off rough framing of the side wall and 13" off rough framing of pipe alley wall. Set height to manufacturers specifications for a concrete slab that will have a finished floor of tile. Basis of Design: Sioux Chief 884-ATM 3" Hub/Inside 4", ABS, Flush to Floor, 2 1/2" Tailpiece or approved equal.

C. Install 3" adjustable hub clean out to manufacturer's specifications for an unfinished concrete slab. Set with 8" of separation between the drain and the inside of the door framing. Basis of Design: Sioux Chief 834-3ANR 3" Hub -6 1/2" Rnd Niki-Brnz Ring and cover or approved equal.

D. Run 1" electrical conduit from outside main comfort station pipe alley to inside back stem wall of the pipe alley. Stub up and cap at 48" at both locations. For Comfort Station A, stub up conduit on west side of pipe alley door at existing comfort station. For ComfOrt Sta B, stub up conduit on load side of meter main panel at existing comfort station. Note: Install Ufer ground rod in the foundation for panel.

E. Stub up 3" ABS DWV 24" above the concrete slab and cap. Locate stub up 30" from side wall closest to sink in the pipe alley wall.

F. Stub 1" Pex up into center of the pipe alley wall for water supply and cap. Connect water supply lines to supply lines in pipe alley of existing comfort station with 1" brass ball valve.

G. Grade slab to floor drain per manufacturers specifications.

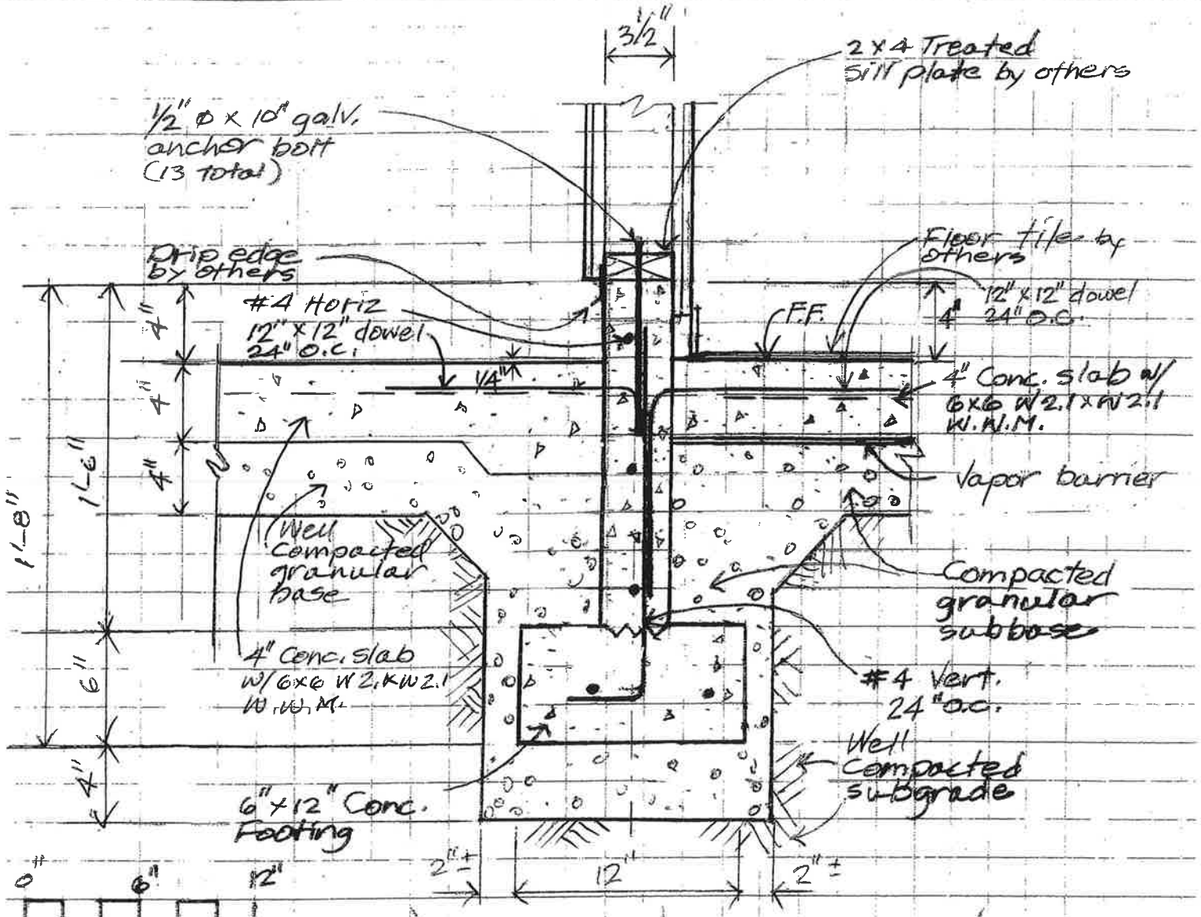
H. Contractor is responsible for all locates, trenching, running of waste and water lines, connections, backfill, and testing to hook water and sewer up for above mentioned items. For electrical conduit, the contractor is responsible for locates, trenching, running conduit, and backfill. Olympic National Park (ONP) staff will pull wire and make electrical connections at a later date.

I. Provide COR at least 72 hours notice before pouring stem wall for ONP carpenter to verify J Bolt locations and 72 hours notice before pouring slab so ONP personnel can verify all completed rough in plumbing locations.

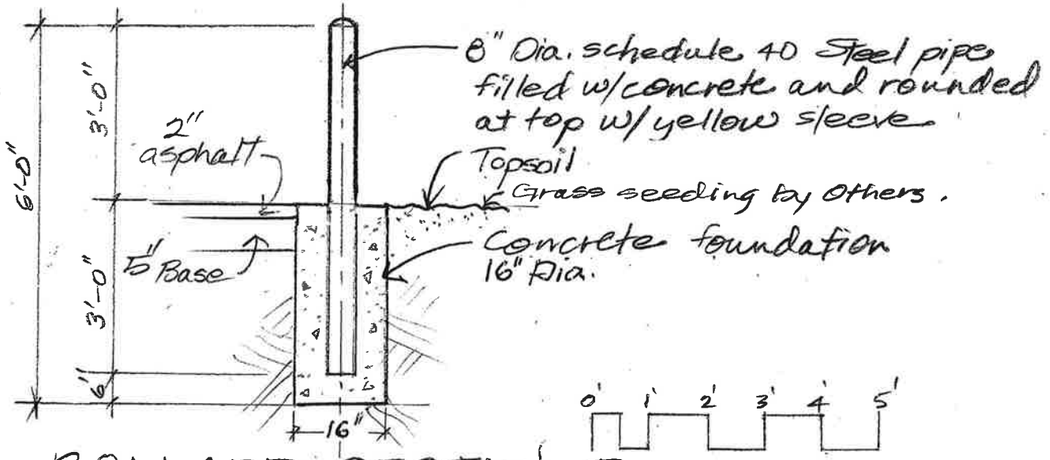
General Notes

1. Contractor shall provide layout and grade staking for review and approval of Contracting Officer.

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 10 of
Area Fairholme Campground			
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	Pkg.
Feature Notes for Foundation Plan	Date 1/14/2025	Date	Account

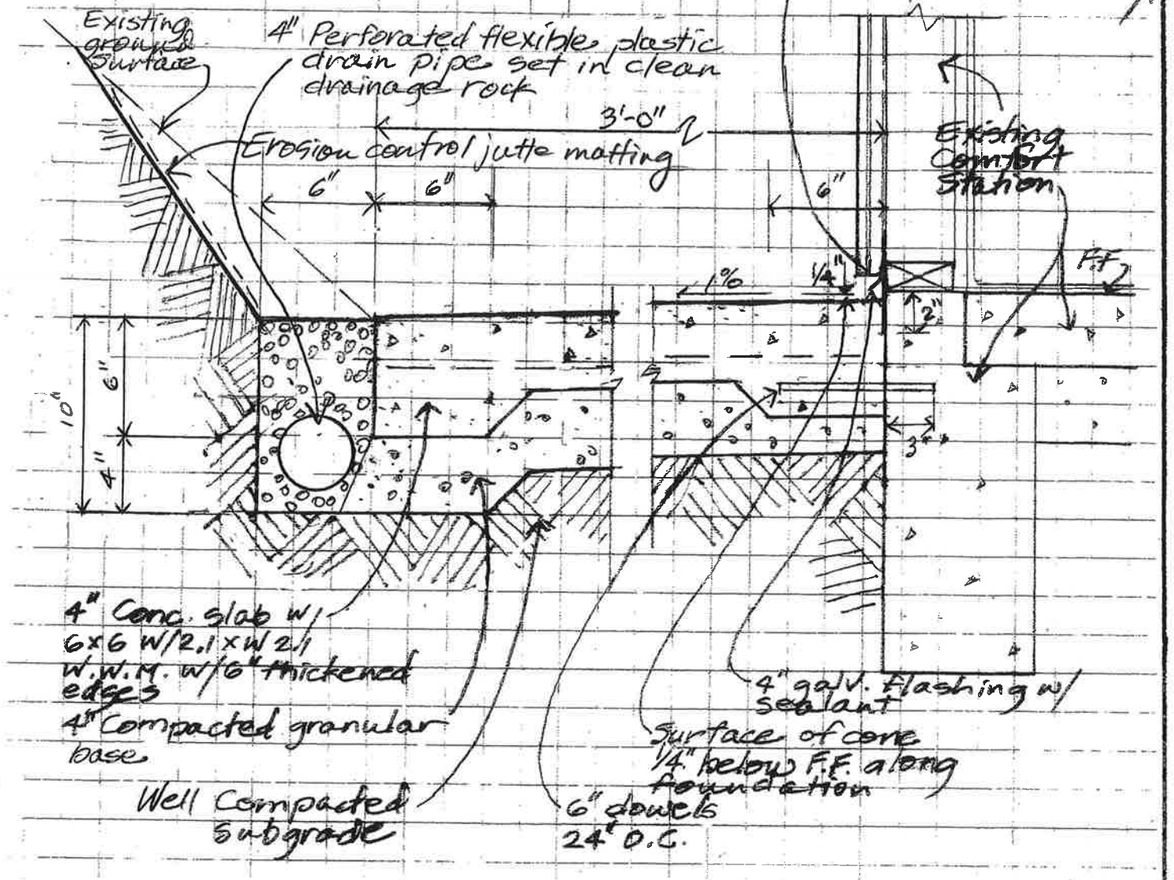


FOUNDATION SECTION B



BOLLARD SECTION I

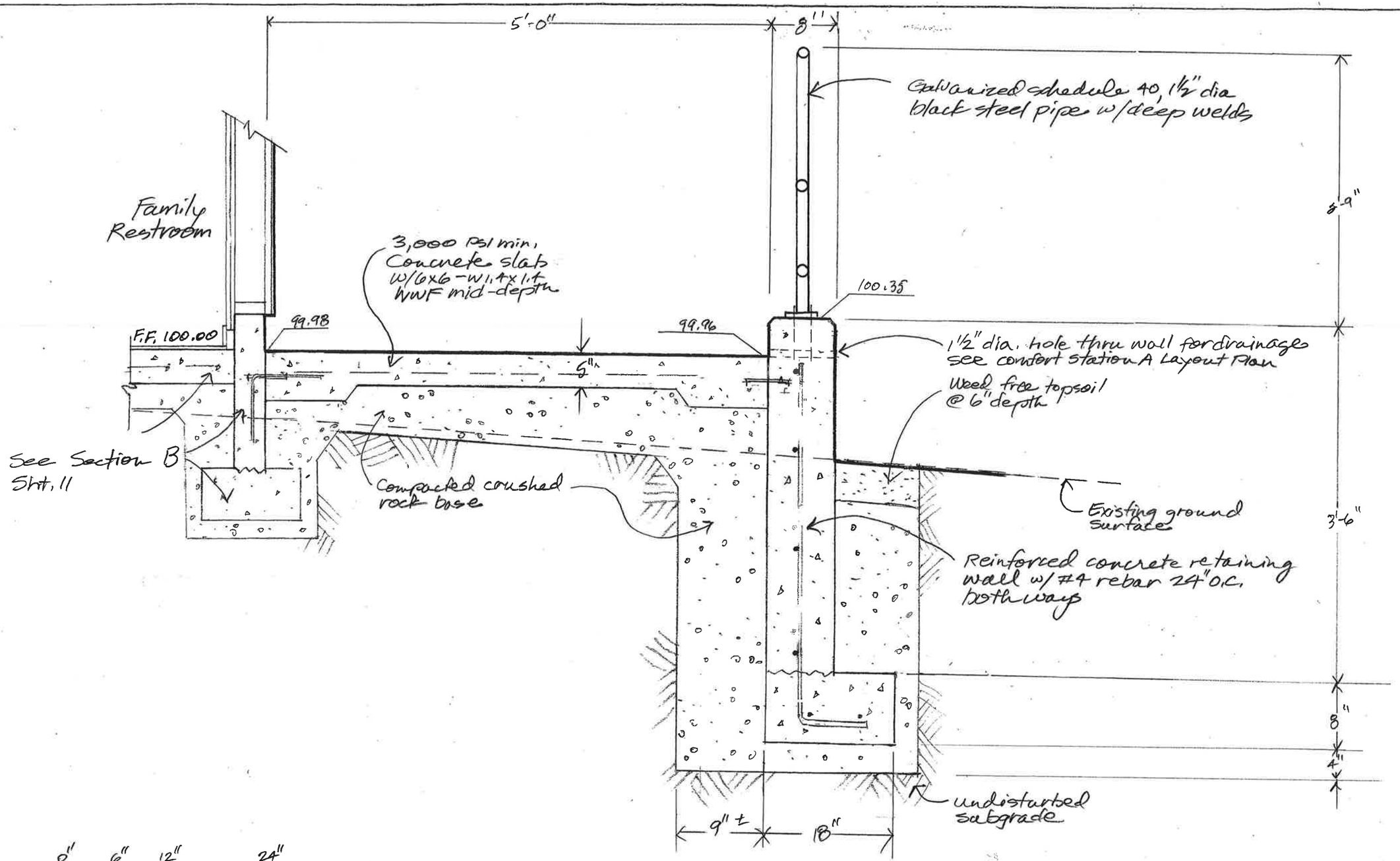
General Note: Saw cut bottom of siding to expose 3/4" of existing sill plate. Install galvanized flashing to cover exposed sill plate, seal against bottom of siding and extend flashing 2" down prior to construction of concrete slab. Silicon sealant shall be 35 year warranty.



SECTION A

CONC. SLAB AT COMFORT STA. AND FAMILY RESTROOM

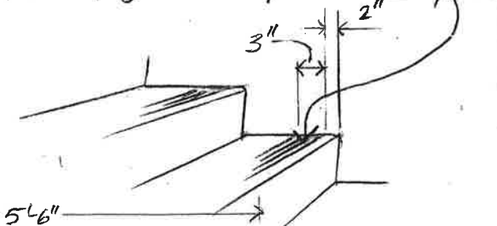
Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 11
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	Pkg.
Feature Details Sections A, B, I	Date 1/14/2025	Date	Account

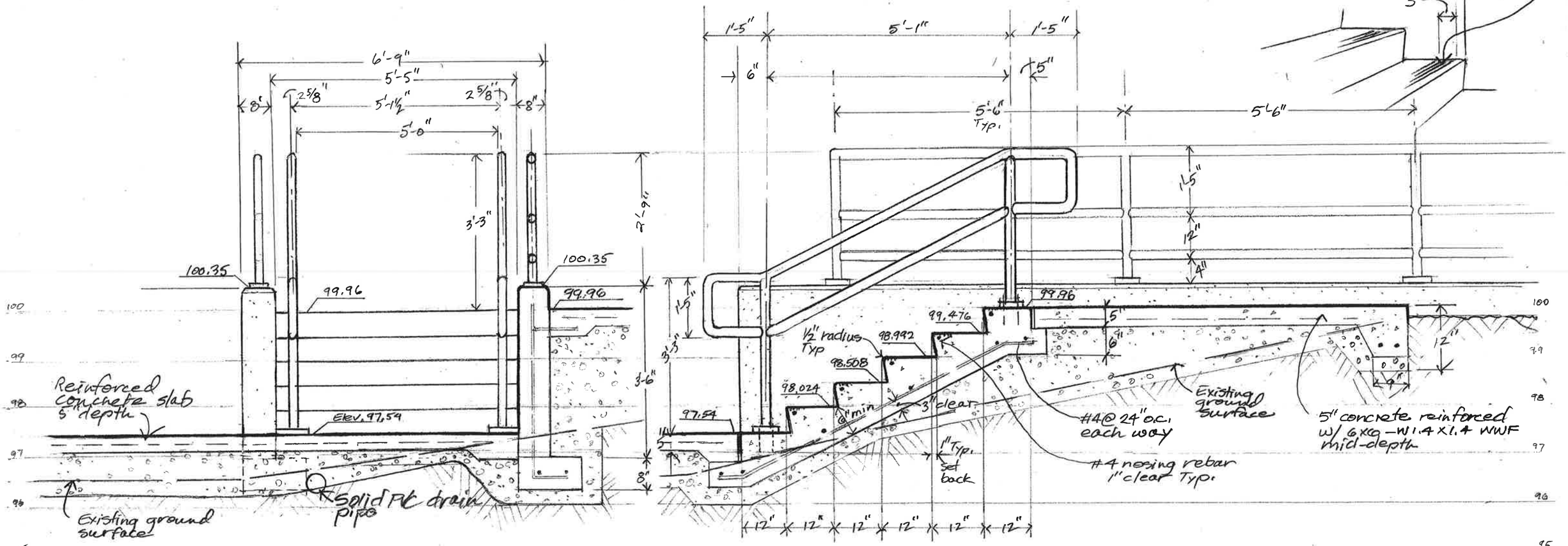


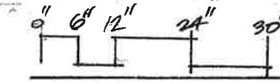
Section C

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 12 of
Area Fairholme Campground			
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Details Section C	Date 1/14/2025	Date	

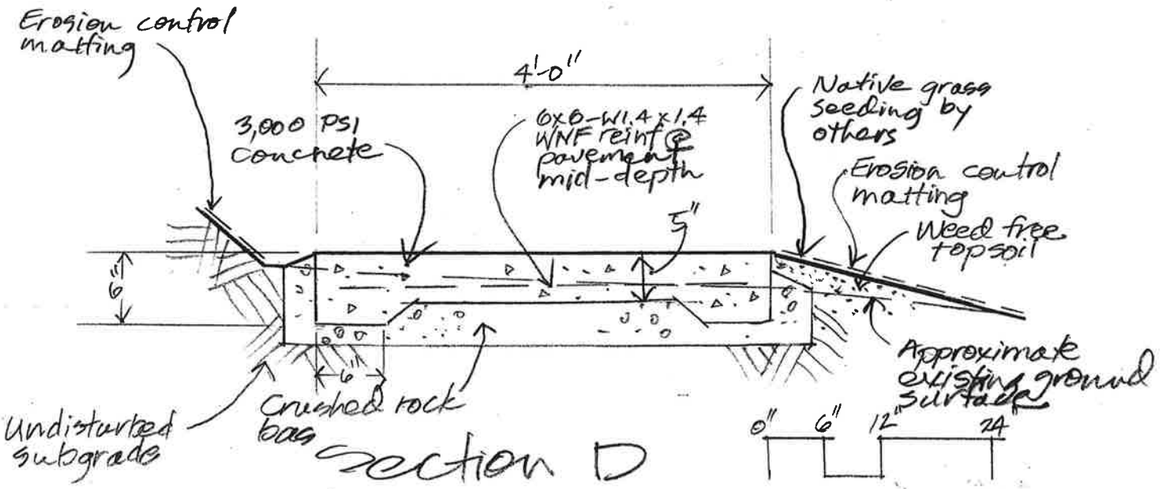
(4) 1/4" x 1/4" grooves spaced 1/2" apart





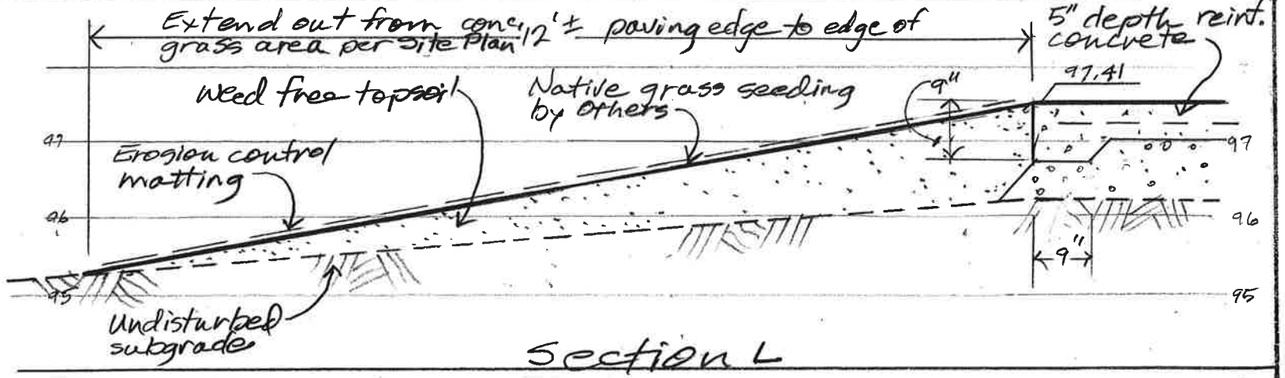


Section E



Section D

Section F



Section L

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 13 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A&B for ABA Access	By Galloway	Checked	
Feature Details Sections D, E, F	Date 1/14/2025	Date	

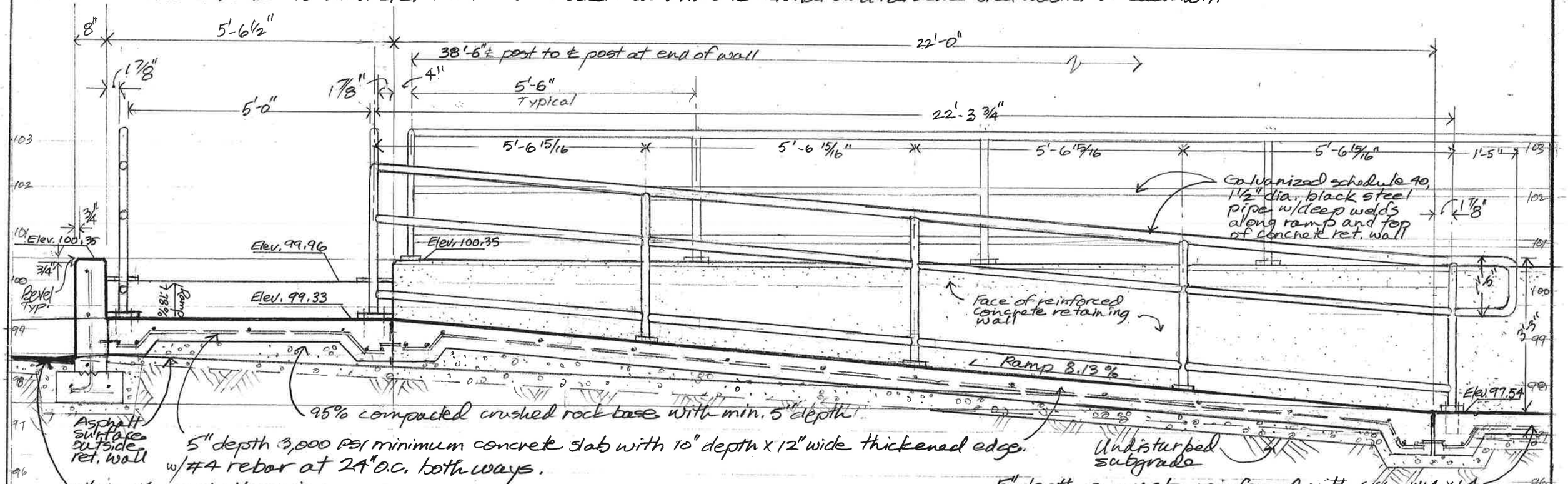
8'-0"
4'-0"
3'-4" Planting Area
8"
5'-5"
5'-1½"
8"
3¼"
1'-3½"
2'-9"
12"
4½"
1'-3½"
3'-3"
3'-6"
Galvanized schedule 40, 1½" dia. black steel pipe w/ deep welds
Reinforced concrete retaining wall #4 rebar @ 24" o.c. both ways
Varies
Concrete slab @ 5" depth 3,000 PSI min. w/ 6x6 - W1.4 x 1.4 WWF mid-depth
Outdoor drainage mat Enkadrain 3811R or approved equal
5"depth concrete @ 3,000 psi min. reinforced w/ #4 rebar @ 24" o.c. both ways
5"
3"
4"
4"
9"
6" dowel @ 12" o.c.
Alder chips
Undisturbed subgrade
95% Compacted crushed rock
weed free topsoil
Engineering fabric
4" dia. perforated PVC drain pipe. Slope slightly to drain east.
9"
4"
8"
5"
10"
8"
6" dowel @ 12" o.c. both sides
95% compacted crushed rock base
5"
9"
9"
8"
Existing asphalt paving surface
Undisturbed subgrade
18"
0" 6" 12" 24"

Section G

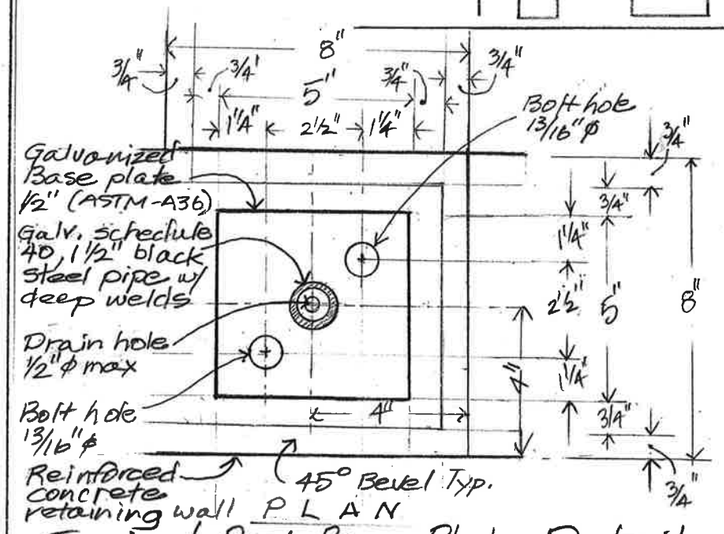
Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 14 of
Project Rehab. Comfort Stations A&B for ABA Access	By Galloway	Checked	
Feature Section G	Date 1/14/2025	Date	

Notes

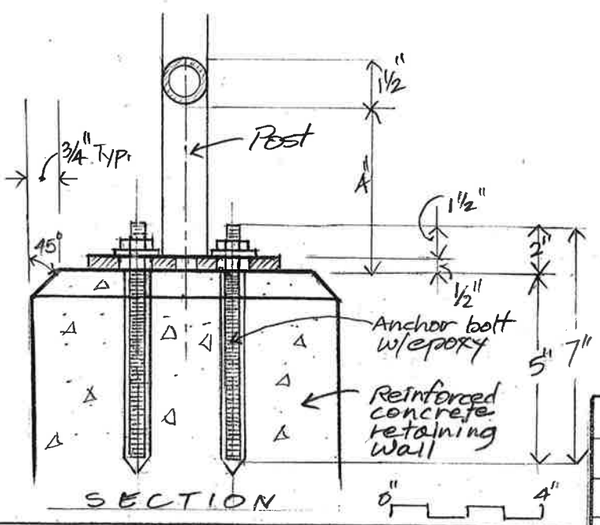
1. Anchor bolts, nuts, and washers shall be stainless steel and embedded 5" minimum w/epoxy.
2. Anchor bolts shall be 5/8" diameter ASTM-A36 threaded rods with one hex nut and hardened steel washer at each bolt.



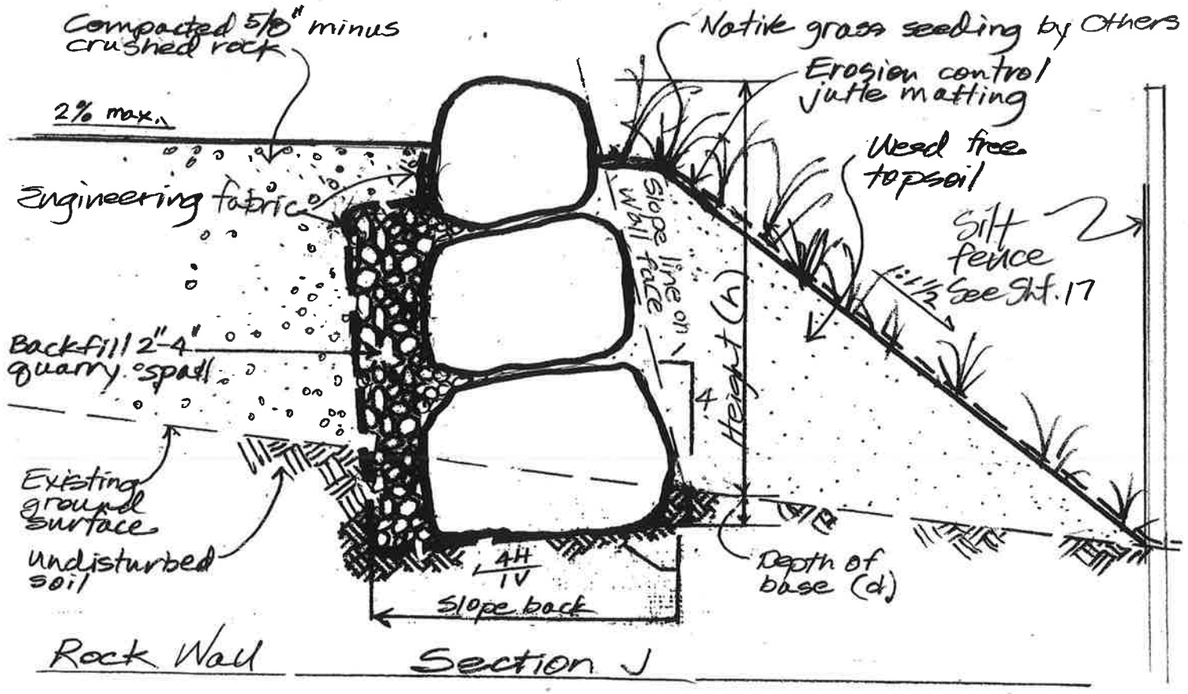
Section H - ABA Ramp with Handrails & Conc. Retaining Wall



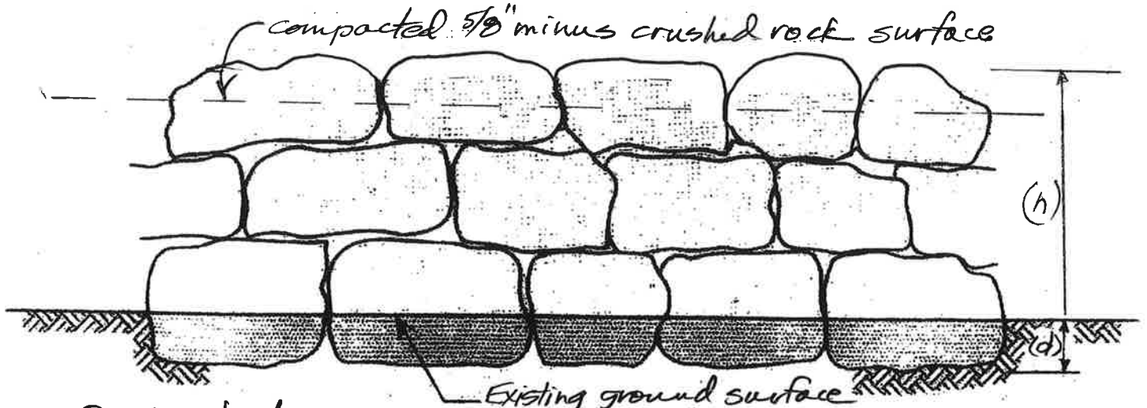
Typical Post Base Plate Details



	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 15 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A&B	By Galloway	Checked	
Feature Details Section H	Date 1/14/2025	Date	



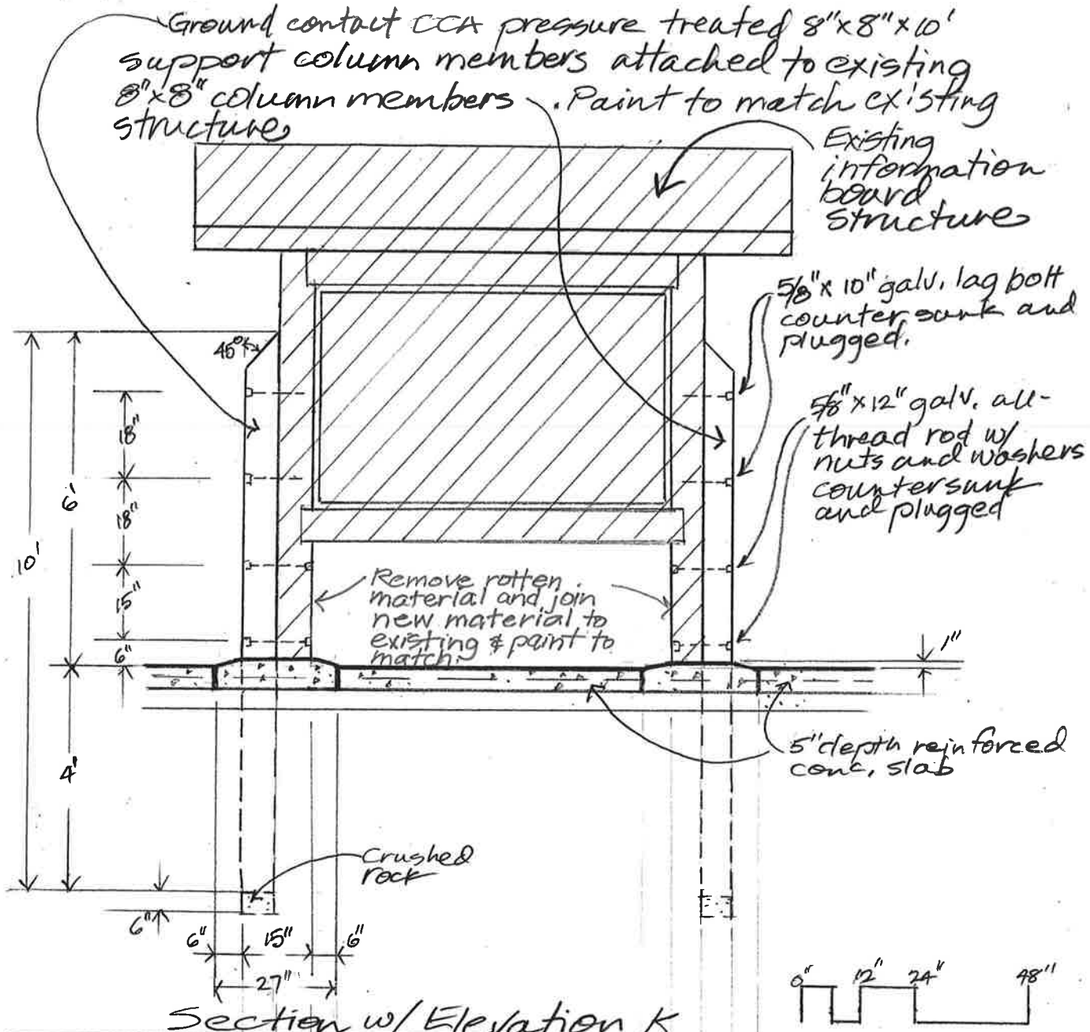
Rock Wall Section J



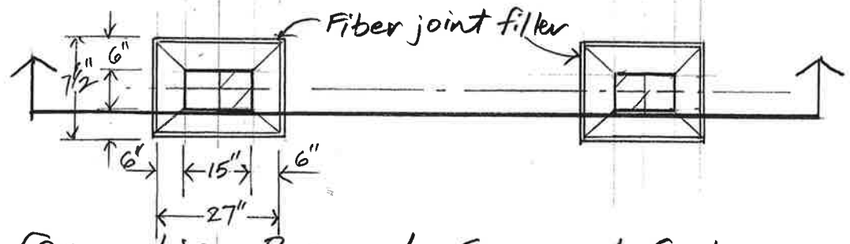
Rock Wall Elevation NTS

Rock Size	Approx. Volumn	Approx. cross dimension	Approx. Weight
1 man	2 CF	12"-18"	200-400 lb.
2 man	4 CF	13"-20"	500-800 lb.
3 man	6.6 CF	16"-28"	900-1,200 lb.
4 man	12.5 CF	18"-30"	1,300-2,000 lb.
5 man	18.5 CF	24"-32"	2,000-4,000 lb.
6 man	31 CF	30"-34"	4,100-6,000 lb.

		Minimum Rock	
(h)	(d)	Size (Base)	Size (Top)
2'	3"	2-man	1-man
4'	6"	3-man	2-man
6'	9"	4-man	2-man
8'	12"	5-man	2-man

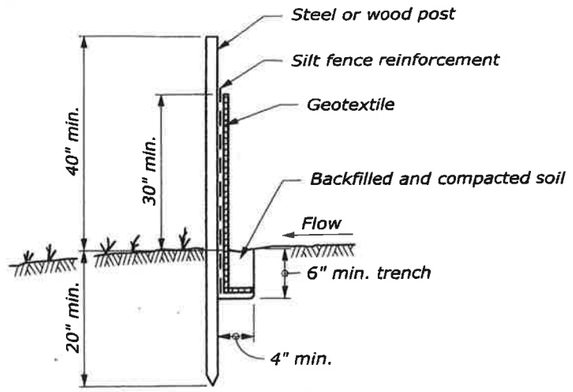


Section w/ Elevation K

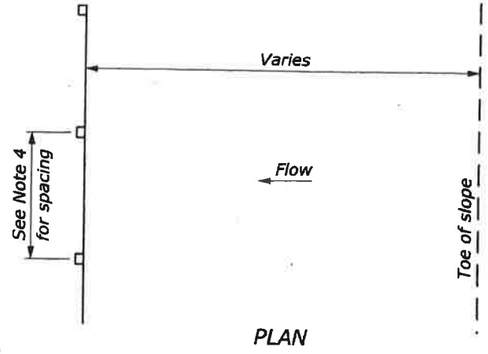


Information Board - Support Columns Plan

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 16 of
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Details - Rock Wall and Information Board Support	Date	Date	



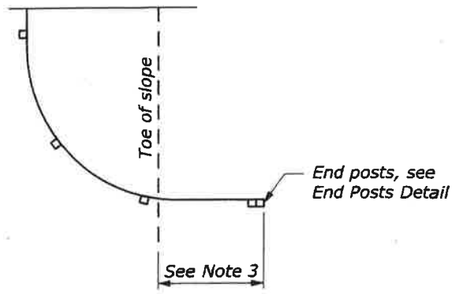
POST AND GEOTEXTILE INSTALLATION DETAIL



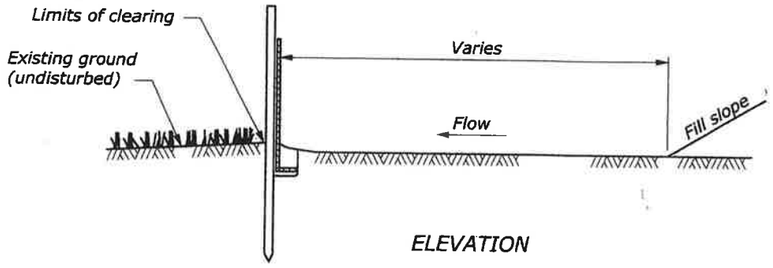
PLAN

NOTE:

1. Alternate preassembled silt fence options will be allowed as long as specified dimensions are satisfied. Follow manufacturer's recommendations for installation procedures. All types must ensure silt fence remains attached to, and does not slide down, supporting posts.
2. Install silt fence to follow the ground contours as closely as possible.
3. Curve ends of silt fence upgrade to prevent water from running around the ends.
4. 10-foot (max.) spacing with silt fence reinforcement. 6-foot (max.) spacing without silt fence reinforcement.



PLAN

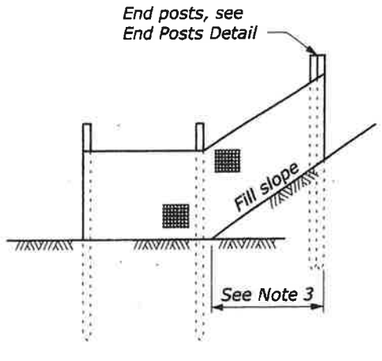


ELEVATION

SILT FENCE INSTALLATION AT TOE OF FILL

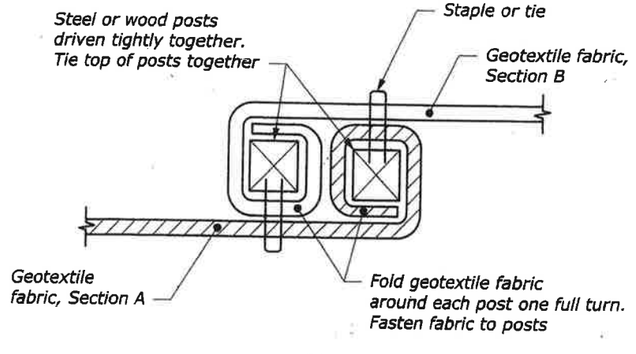
PLAN

END POSTS DETAIL



ELEVATION

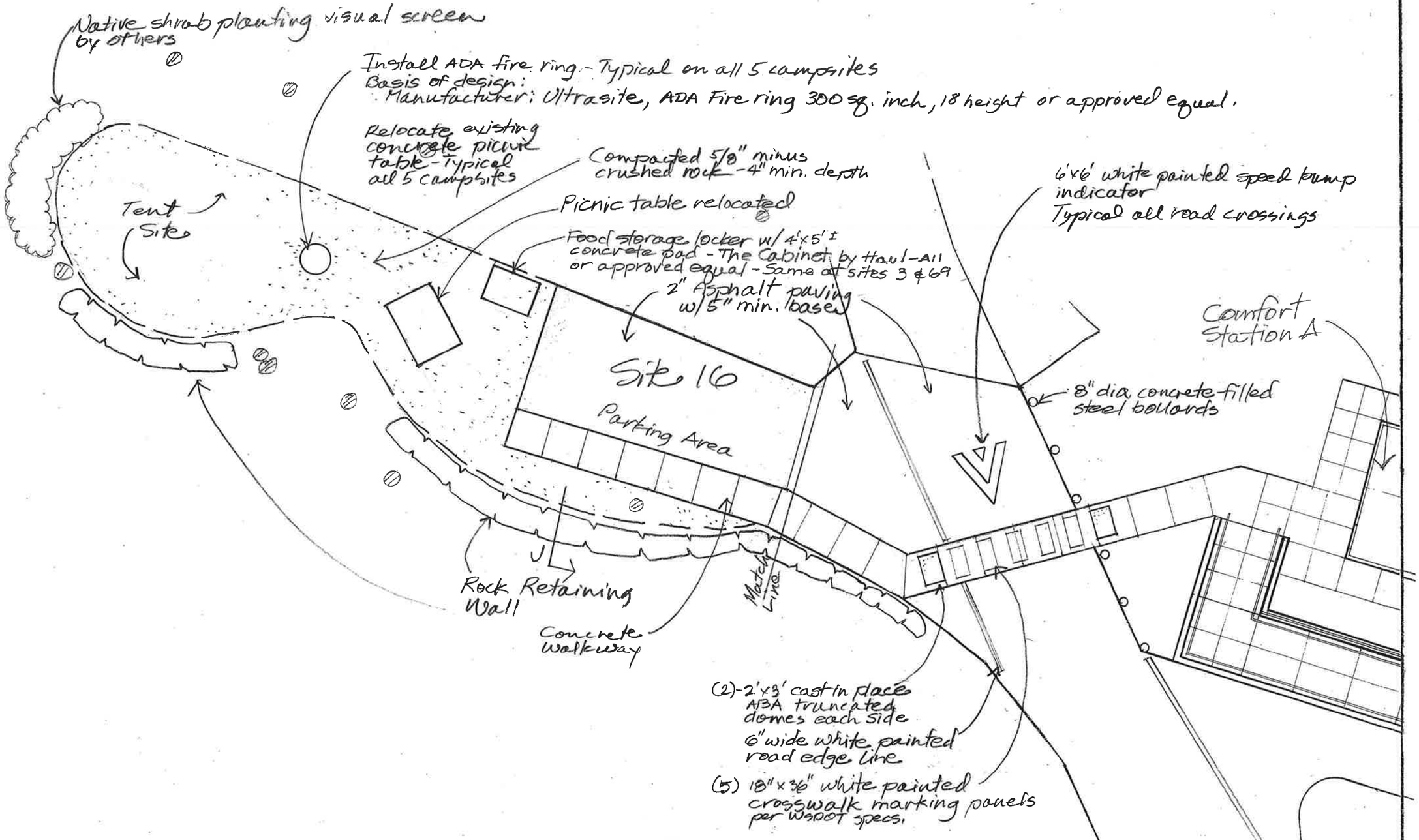
END DETAIL



PLAN

POSTS AT JOINTS

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 17 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Details - Erosion Control	Date 1/14/2025	Date	



	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 18 of
Area Fairholme Campground	By Galloway	Checked	
Project Rehab. Comfort Stations A & B for ABA Access	Date 1/14/2025	Date	
Feature Site 16 Site Plan			

Legend

Asphalt Removal

Legend

- 100 — Contour Lines
- +97.3 Spot elevation
- —W— Water Line
- Trees
- —E— Buried electrical line
- —S— Sewage Line

Remove and set aside fire pit/grill

Remove and set aside picnic table

Edge of asphalt paving

Fire pit grill

Site #16

Picnic Table

Approximate Edge of compacted crushed rock surfacing

Approximate Edge of asphalt Paving

Site 16

Asphalt Paving

Asphalt Access Road

Match Line

Dumpster

Comfort Sta. A

FF +100.00 Women

Men

99.72

E

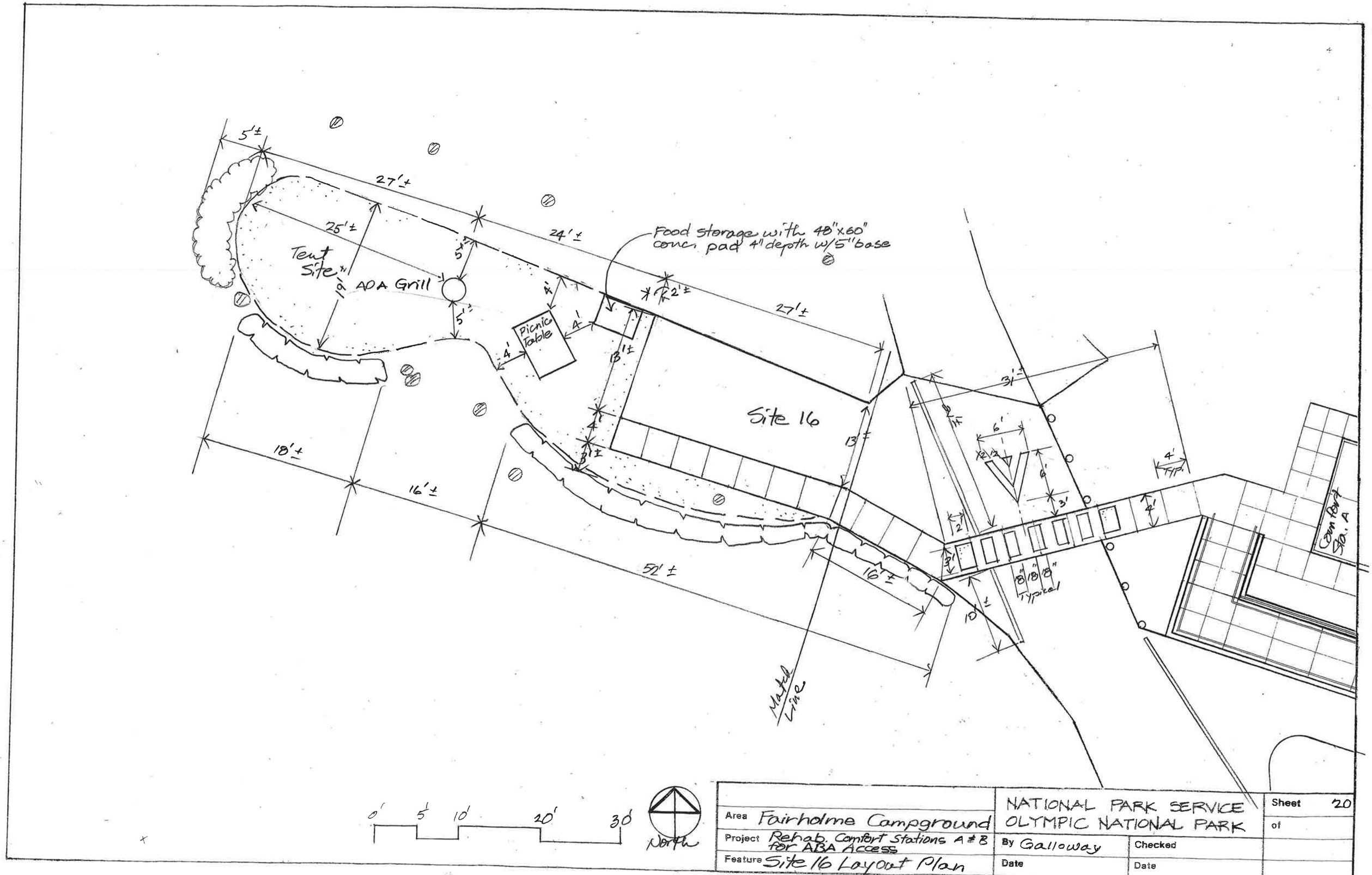
grass

one way

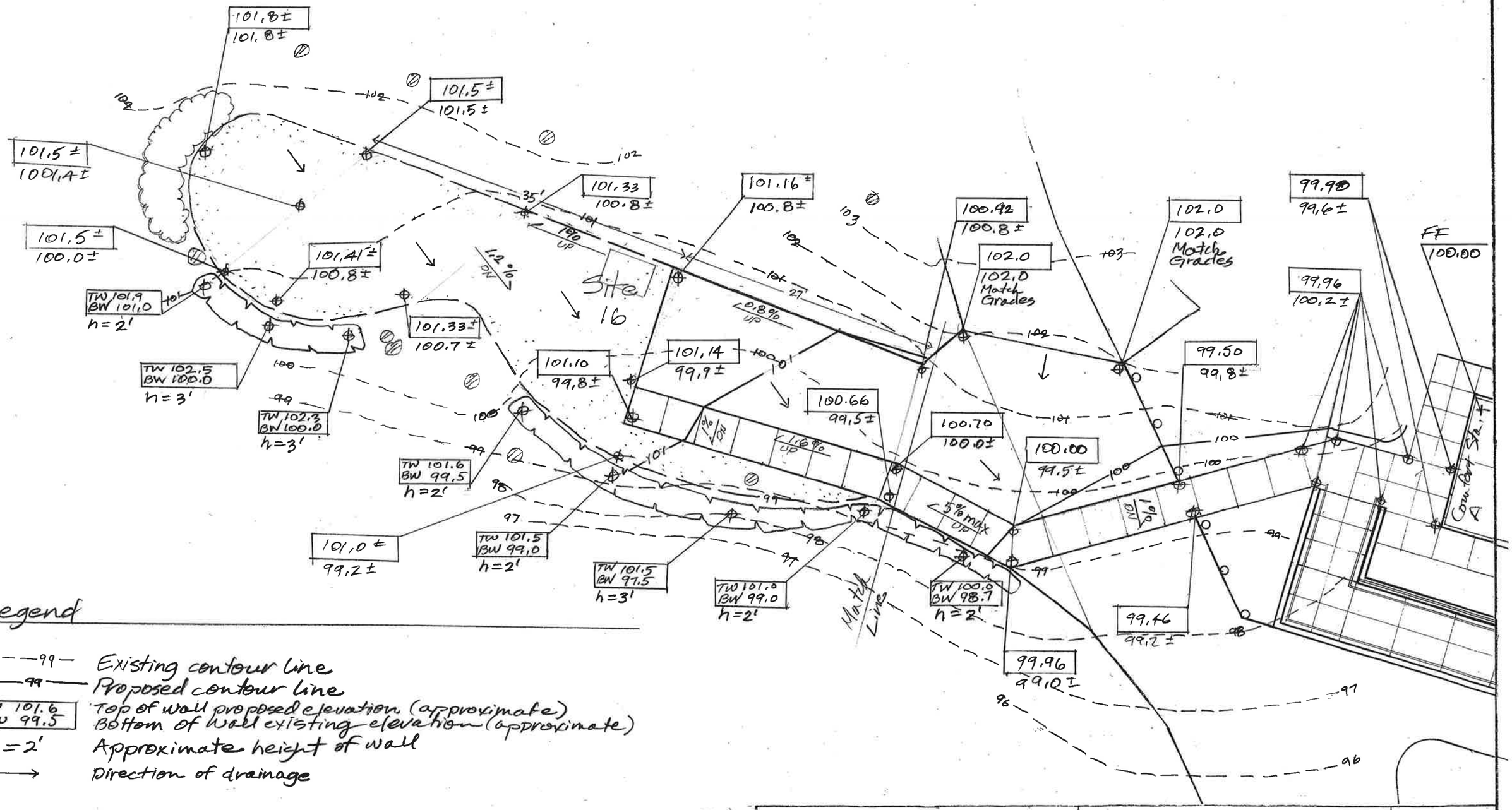
0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 19 of
Project Rehab Comfort Stations A&B for ABA Access	By Galloway	Checked	
Feature Site 16 Existing Conditions & Removals	Date 1/14/2025	Date	



Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 20 of
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Site 16 Layout Plan	Date	Date	



Legend

- ---99--- Existing contour line
- ——99—— Proposed contour line
- TW 101.6 / BW 99.5 — Top of wall proposed elevation (approximate) / Bottom of wall existing elevation (approximate)
- h=2' — Approximate height of wall
- ⟶ Direction of drainage

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 21 of
Area Fairholme Campground			
Project: Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Site 16 Grading Plan	Date 1/14/2025	Date	

Comfort Station A

Family Restroom

5/8" minus crushed rock w/ 4" min. base Base Bid

Base Bid Picnic table

Note: Base bid has compacted crushed rock surfacing site 4.

Site 4

Parking Area

Bid Option Item #1 has 2" Asphalt paving w/ 5" base in site 4 parking area and access road

Saw cut line

Tent Site

Base Bid ADA Fire ring

Note: Base bid includes 5' length of asphalt paving in transition zone

39'-5"

Base Bid Food storage on concrete pad

Base Bid Rock Wall

Bid Option #1 Relocated Boulder

J1

Bid Option #1 includes (2) truncated domes each side and crosswalk markings

Saw cut line

Note: Base bid includes 5" depth concrete walkway on minimum 4" base over a length of 30' from the saw cut edge of the asphalt walkway up to match the surface elevation of the concrete slab at Comfort Station A

Match Line

Bid Option #1 includes

conc. to asphalt transitional area

Note: Bid Option #1 extends a 4' wide concrete walkway down to and across the access road and to campsite 3 It also includes asphalt paving on access road on both sides of concrete walkway

Relocated boulder Bid Option #1

Saw Cut Line

Site 3

Parking Area

Note: Base bid includes compacted 5/8" minus crushed rock at minimum 4" depth in campsite 3. Bid Option #1 includes 2" depth asphalt paving in parking area of site 3

Access Road one way

0' 5' 10' 20' 30'

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 22 of
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Site 4 Site Plan	Date 1/14/2025	Date	

FF 100.00

Large Stump

Downed log

36" Cedar

Picnic Table

Site #4

20" Hemlock

Stump

Stumps

Limits of campsite

Site #4 sign

Stump

Fire ring

15" Alder

43" Cedar

Stump

20" Hemlock

Asphalt Path

24" Alder

Food Storage

20" Hemlock

Boulder

Boulder

Boulder

Asphalt Path

Road

Asphalt Access

One-way

Site #3

0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 23
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	of
Feature Site 4 Existing Conditions	Date 1/14/2025	Date	

Shift location of stump away from proposed trail Base Bid

Existing downed log

Base Bid Remove stumps root wads

Base Bid: Remove stump & root wad

Base Bid: Remove 6' length of downed log

Remove and set aside Picnic table, fire ring and food storage

Site #4

Base Bid Remove Stumps

Existing trees to be protected

Reuse existing food storage locker

Boulder to remain

49'

Note: Base Bid includes removal of asphalt paving to a point 49' beyond the end of the existing concrete block retaining wall.

Note: Under Bid Option #1 Remove and set aside boulders for relocation per site plan

Note: Bid Option Item #1 includes removal of remaing asphalt paving on walkway and access road.

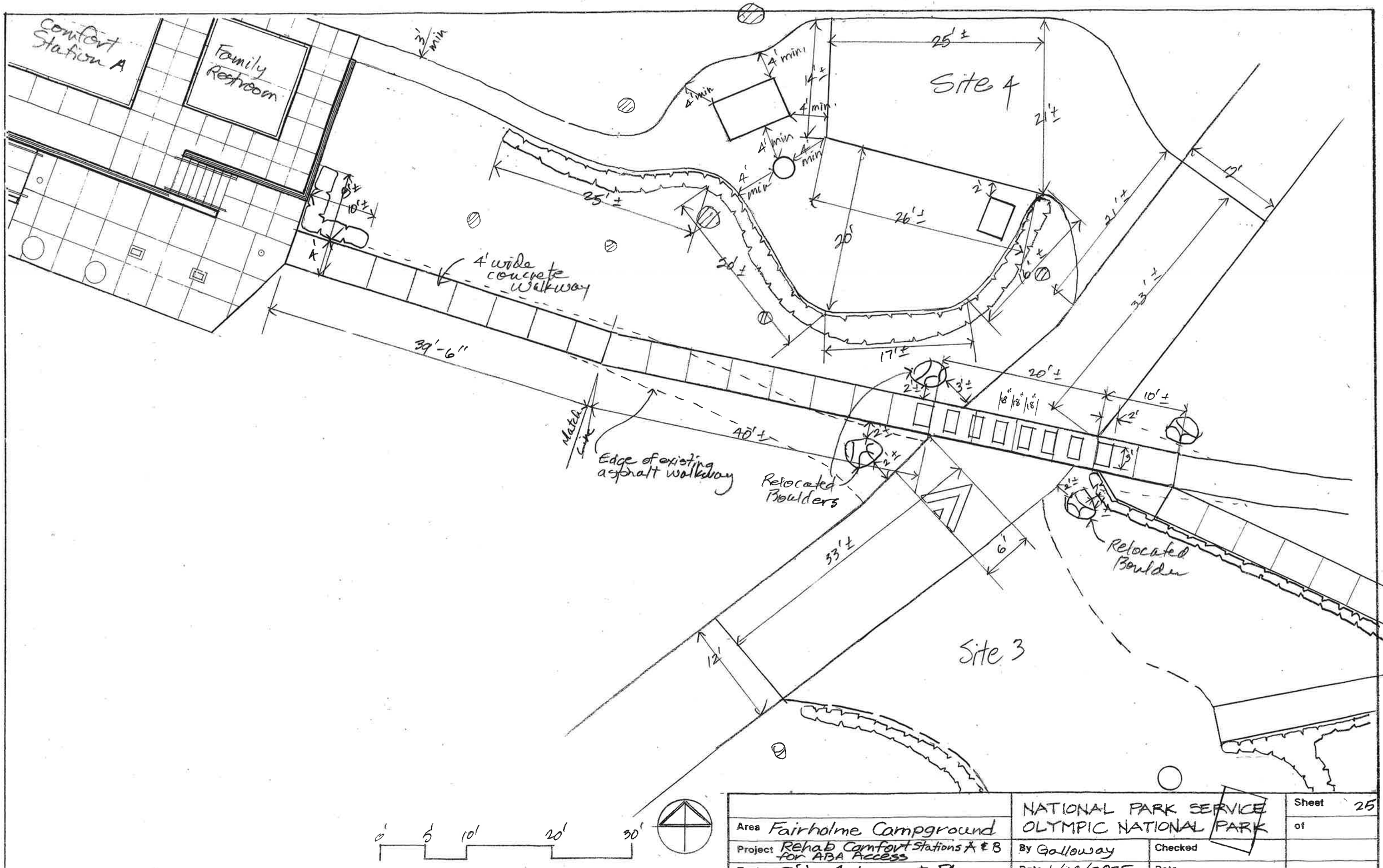
Note: Bid Option #1 Remove and set asid boulder for relocation per site plan

0+10 0+20 0+30 0+40 0+50 0+60 0+70 0+80 0+90 1+00 1+10 1+20 1+30 1+40 1+50

0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 24 of
Project Rehab Comfort Stations A=B for ABA Access	By Galloway	Checked	
Feature Site 4 Removals	Date 1/14/2025	Date	



Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 25 of
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Site 4 Layout Plan	Date 1/14/2025	Date	

99.96
101.0 ±

99.68
98.8 ±

99.7 ±
99.1 ±

98.6 ±
100.0 ±

100.0 ±
100.0 ±

100.0 ±
101.5 ±

100.0 ±
100.5 ±

Site 4

99.7
99.3 ±

99.64 ±
99.0 ±

99.6 ±
98.5 ±

99.2 ±
99.2 ±

TW 99.7
BW 99.0
h=2'

TW 99.7 ±
BW 98.2
h=2'

99.68
99.0 ±

Diversion Swale

TW 99.8
BW 98.0
h=2'

TW 99.8
BW 97.0
h=3'

99.50
98.0 ±

96.9 ±
96.9 ±

99.0 ±
99.0 ±

99.3
96.2 ±

99.3
96.0 ±

34'-6"

7% max

95.02
95.3 ±

TW 99.5 ±
BW 95.0 ±
h=5' ±

TW 99.5 ±
BW 95.0 ±
h=5' ±

97.52
96.4 ±

97.50
96.2 ±

1.7%

96.6 ±
96.6 ±

93.78 ±
94.0 ±

Match Line

95.0 ±
95.0 ±

94.5 ±
94.3 ±

94.8 ±
94.8

94.8 ±
94.6 ±

93.78

Asphalt Transition Area

94.48

94.78
94.0

93.78

Site 3

90.0
90.0

89.5
89.5

0' 5' 10' 20' 30'

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 26
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	of
Feature Site 4 Grading Plan	Date	Date	

Site 4

Saw cut line

Landing

Bid Option #1
Concrete Walkway
and related
rock wall

Match Line

Site 3

Parking Area

Base Bid
Relocated
Picnic Table

Base Bid
Food storage

Base Bid
ADA Fire Ring

Tent Site

Base Bid
Rock Wall

Compacted 5/8"
minus crushed
rock w/5" base

Access Road
one way

Note;
Base bid has compacted
5/8" minus crushed rock
surfacing in parking
area instead of asphalt
paving, which is in
Bid Option #1

0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 27
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	of
Feature Site 3 Site Plan	Date 1/14/2025	Date	

Site 4

Asphalt Path

Asphalt Path

Asphalt Access Road one-way

Boulder

Parking Area

Limits of campsite

Site #3

Fire ring

Picnic Table

Remove and set aside picnic table & fire ring

Stumps

Remove stump and root wad

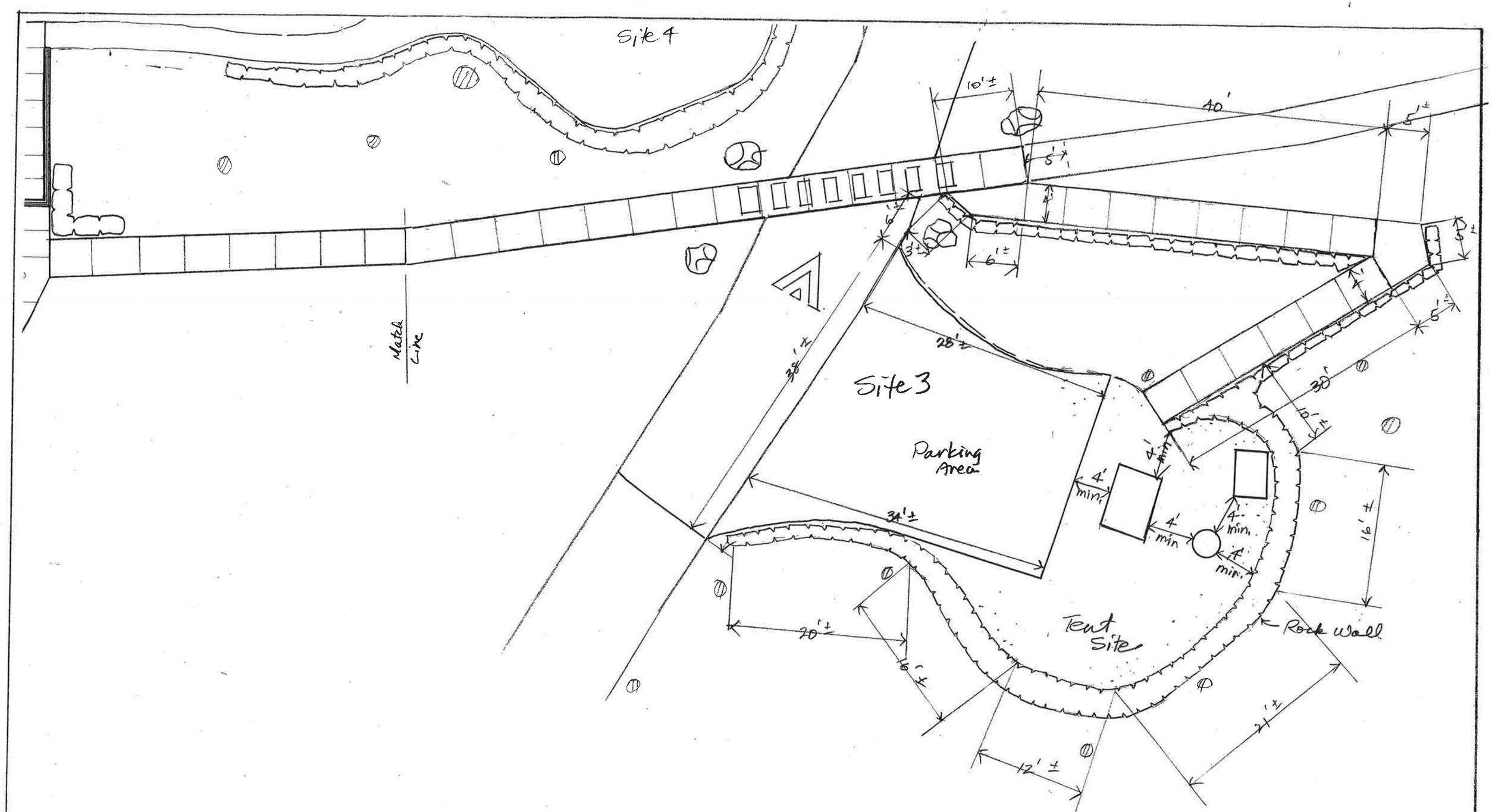
Tent Site

96 95 94 93 92 91 90 89 88 87 86

W E

0' 5' 10' 20' 30'

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 28
Project Rehab. Comfort Stations A&B for ABA Access	By Galloway	Checked	of
Feature Site 3 Existing Conditions & Removals	Date 1/14/2025	Date	



	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 29 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A&B for ABA Access	By Galloway	Checked	
Feature Site 3 Layout Plan	Date 1/14/2025	Date	

Site 4

Match Line

Site 3

94.8 ± / 94.8 ±

94.8 ± / 94.6 ±

93.78 ± / 94.0 ±

94.78 ± / 94.0

93.4 ± / 93.4 ±

91.8 ± / 91.8 ±

90.95 ± / 90.5 ±

TW 95.0 ± BW 93.5 ± h=3'

TW 93.5 ± BW 93.0 ± h=2

91.0 ± / 90.9 ±

90.9 ± / 90.5 ±

TW 92.5 ± BW 92.0 ± h=2'

92.0 ±

TW 91.6 ± BW 91.1 ±

91.8 ± / 90.0 ±

TW 92.0 ± BW 90.0 h=2'

8% max

12% Existing grade to remain

3.5% ±

Runoff diversion swale

10%

10%

90.9 ± / 89.5 ±

89.7 ± / 89.7 ±

TW 91.2 ± BW 89.2 h=2'

TW 90.1 ± BW 88.9 ± h=2'

TW 90.5 ± BW 89.16 ± h=2'

90.85 ± / 89.0 ±

90.71 ± / 88.4 ±

TW 91.0 ± BW 87.8 ± h=3'

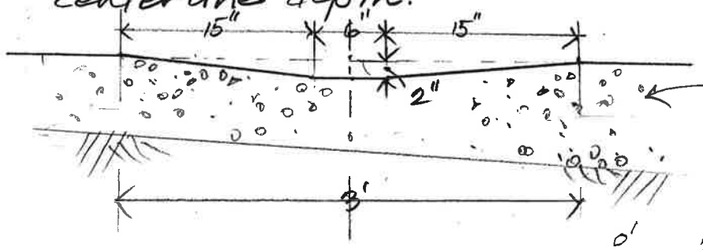
90.65 ± / 88.0 ±

TW 91.0 BW 88.5 ± h=3'

90.75 ± / 89.0 ±

TW 90.9 ± BW 87.5 ± h=3'

* Note: Runoff diversion drainage swale to have 3' cross dimension with a 2" centerline depth.



Depth of compacted 5/8" minus crushed rock varies per grading plan.

0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 30
Project Rehab. Comfort Stations A&B for ABA Access	By Galloway	Checked	of
Feature Site 3 Grading Plan	Date 1/14/2025	Date	

Existing asphalt walkway

Concrete walkway 5" depth with 4" base

To Site 45

Concrete paving 5" depth with 4" base

Match Line

Plastic drain pipe

A

Family Restroom

B

Comfort Station B

Base Bid includes 30' LF of 5' wide reinforced concrete walkway

Asphalt transition to existing asphalt walkway

To Site 69

Ramp up

Ramp up

Landing

Concrete walkway 5" depth w/4" base

Relocated fee cannister

Relocated information board per layout Plan See Sheets 34 & 16

Compacted 5/8" minus crushed rock 4" depth minimum

12" Diameter or larger fir or cedar log delineator/edgers

Existing unpaved foot path To walk-in campsites

Match Line

Match Line

0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 31
Project Rehab. Comfort Stations A & B for ABA Access			of
Feature Comfort Station B Site Plan	By Galloway	Checked	
	Date 1/14/2025	Date	

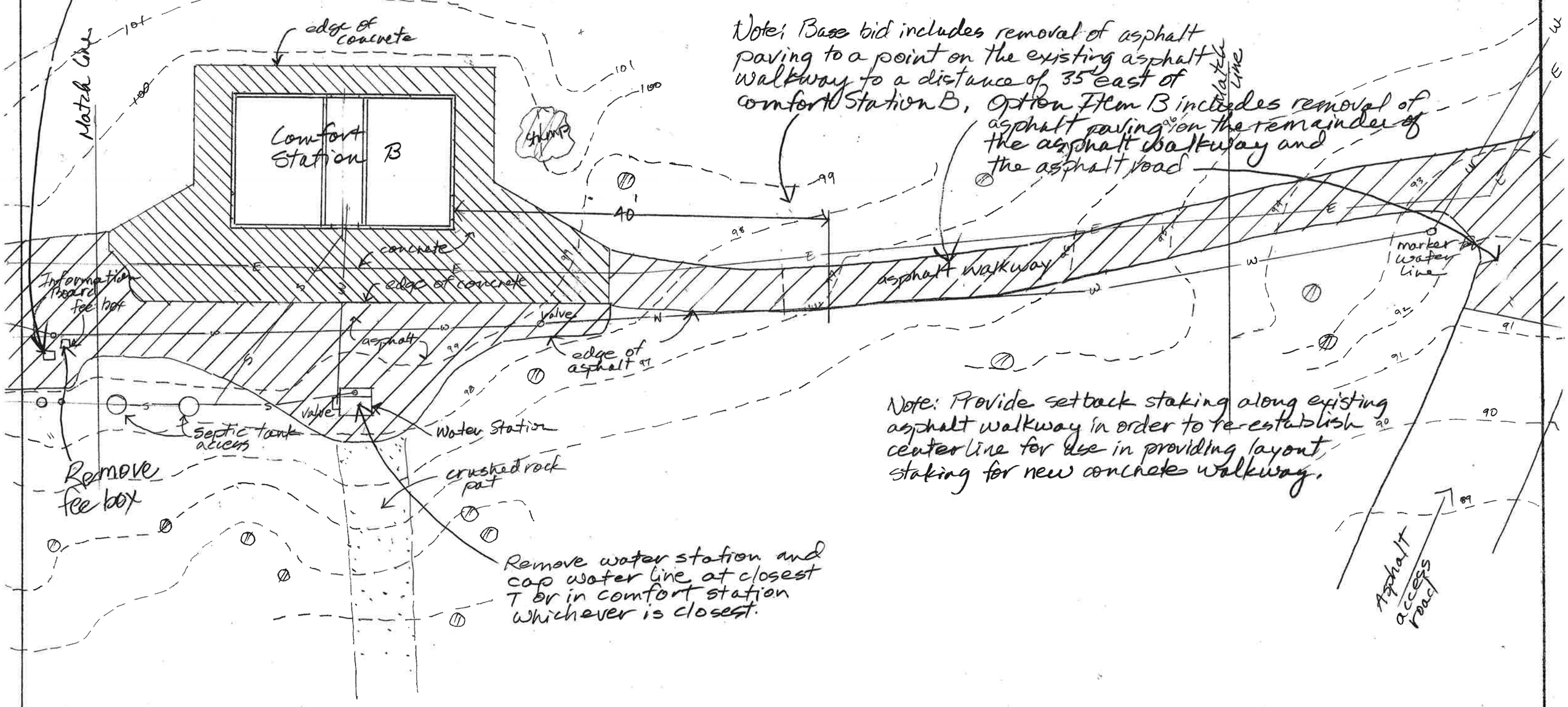
Remove and set aside information board.
Disconnect power and connect power to relocated information board.

Note: Base bid includes removal of asphalt paving to a point on the existing asphalt walkway to a distance of 35' east of comfort Station B. Option Item B includes removal of asphalt paving on the remainder of the asphalt walkway and the asphalt road

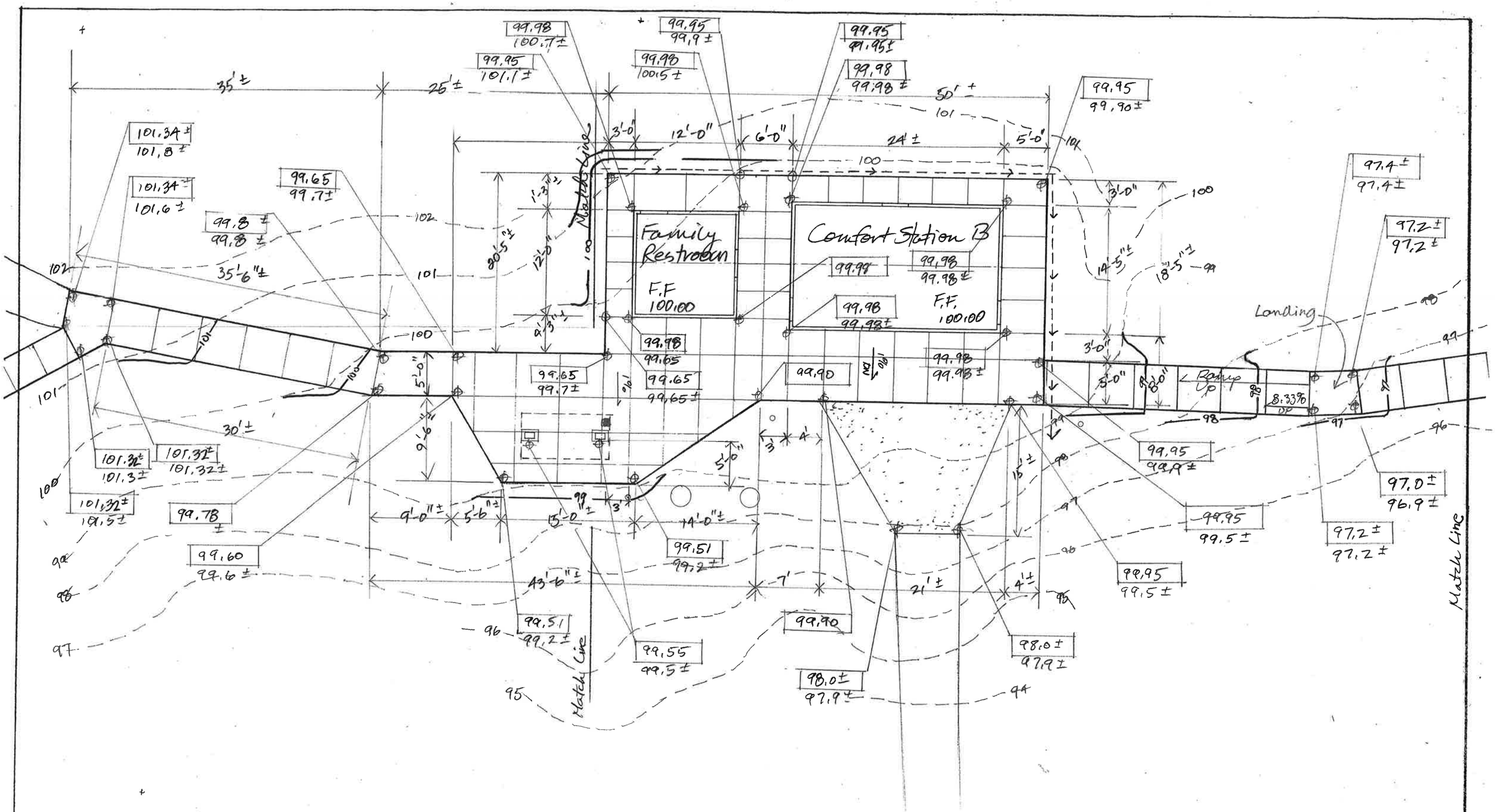
Note: Provide setback staking along existing asphalt walkway in order to re-establish centerline for use in providing layout staking for new concrete walkway.

Remove fee box

Remove water station and cap water line at closest T or in comfort station whichever is closest.



	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 32 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A&B for ABA Access	By Galloway	Checked	
Feature Existing conditions & removals of Comfort Station B	Date 1/14/2025	Date	



Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 33
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	of
Feature Comfort Station B Layout & Grading Plan	Date 1/14/2025	Date	

Family Restroom

Comfort Station B

3'-0"

3'-0"

6'-0"

5'-0"

8'-0"

5'-0"

5'-0"

9'-6"

23"

5"

12"

Fee cannister - Position so it is covered by roof of info. board

15"

Information board

5'-0"

3'-0"

9'-6"

3'-8"

4'-0"±

5'-6"±

15'-0"

14'-0"±

North

0' 5' Feet

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 34 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Comfort Station B Layout Plan	Date 1/14/2025	Date	

Note: Base bid includes the 30' length of concrete walkway ramps and a 5' length of new asphalt paving to transition from the asphalt path to the concrete walkway

Family Restroom

Comfort Station B

Concrete Paving

30'

5'

Ramp Up 8.33% UP

Landing

Concrete walkway

Information Board

Compacted 3/0" minus crushed rock walkway approx. 4" depth

Asphalt One Access Road

97.45 / 97.3 ±

94.95 / 95.57

94.95 / 95.4 ±

92.45 / 93.2 ±

92.45 / 92.9 ±

99.95 / 99.9 ±

99.95 / 99.5 ±

97.45 / 97.3 ±

97.45 / 96.3 ±

94.95 / 95.5 ±

94.95 / 95.2 ±

92.45 / 92.8 ±

92.45 / 92.7 ±

92.10 ± / 91.8 ±

0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 35
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	of
Feature Comfort Station B - Layout & Grading Plan - Trail	Date 1/14/2025	Date	

Asphalt Access Road

Asphalt patch to match concrete surface

Match Line

concrete walkway

Food storage w/4'x5' concrete pad

Note;
Compacted 5/8" minus crushed rock surfacing at minimum 4" depth is in Base Bid. Bid Option Item #2 includes asphalt paving in parking area

Rock Wall

Picnic Table

ABA Grill

Site 45

Asphalt Paving

Tent Site

0' 5' 10' 20' 30'

North

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 36 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Site 45 Site Plan	Date 1/14/2025	Date	

Note! Provide setback staking along existing asphalt walkway in order to re-establish center line for use in providing layout staking for new concrete walkway.

Transformer

Remove fee box and retain

Match Line

Asphalt Path

Asphalt access drive

Limits of campsite

Remove and set aside grill

Fire pit/ grill

picnic table

Site 45

stump

Remove stump & root wad

Remove and set aside food storage box and reuse

stump

Tail stump

food storage

Remove and set aside picnic table

Leach Line

Information board

Remove and set aside information board. Disconnect power and connect to relocated information board.

crushed rock parking

Limits of campsite

tent site

Remove log

Log

North

0' 5' 10' 20'

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 37
Project Rehab Comfort Stations A & B for ABA Access			of
Feature Existing Conditions & Removals at Site 45 & Comfort Station B	By Galloway	Checked	
	Date 1/14/2025	Date	

Asphalt Access Road

Radius 11'

Site 45

Picnic Table

BBA Grill

Asphalt Paving

Diversion Swale

Tent Site

Concrete walkway

Asphalt patch to match concrete surface

Food storage

Match Line

Match Line

FF 100.0

North

0' 5' 10' 20' 30'

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 38
Project Rehab Comfort Stations A & B for ABA Access	By Galloway	Checked	of
Feature Site 45 layout & Grading	Date 1/14/2025	Date	

Match Line

Bid Option Item #2
2'x3' Self cast in place ABA truncated domes

Concrete Walkway

Asphalt Paving

Site 69

Base Bid
Relocate Picnic Table

Base Bid
Compacted 5/8" minus crushed rock minimum 4" depth

Food storage on 4x5' conc. pad

Tent Site

Rock retaining Wall

ABA Grill
Base bid

Water line marker

Concrete Walkway

Asphalt Paving

Bid Option Item #2
Traffic markings

Asphalt access road

Note: Base bid includes construction of rock retaining wall and compacted 5/8" minus crushed rock surfacing on the entire campsite.

Bid Option Item #2 includes removal of asphalt paving on the access road, construction of the concrete path shown on the previous sheet and extending into Site 69 per this sheet, and construction of asphalt paving (2" depth on 5" base) on the access road and site 69 campsite per this sheet.

0' 5' 10' 20' 30'

North

Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 39 of
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Site 69 - Site Plan	Date 1/14/2025	Date	

Bid Option #2
Remove asphalt paving

Site 69

parking area

compacted crushed rock

Remove and set aside concrete wheel stops

concrete wheel stops

Remove and set aside picnic table

picnic table

tent site

Remove & set aside fire pit/grill

campsite limits

Water Line Marker Post

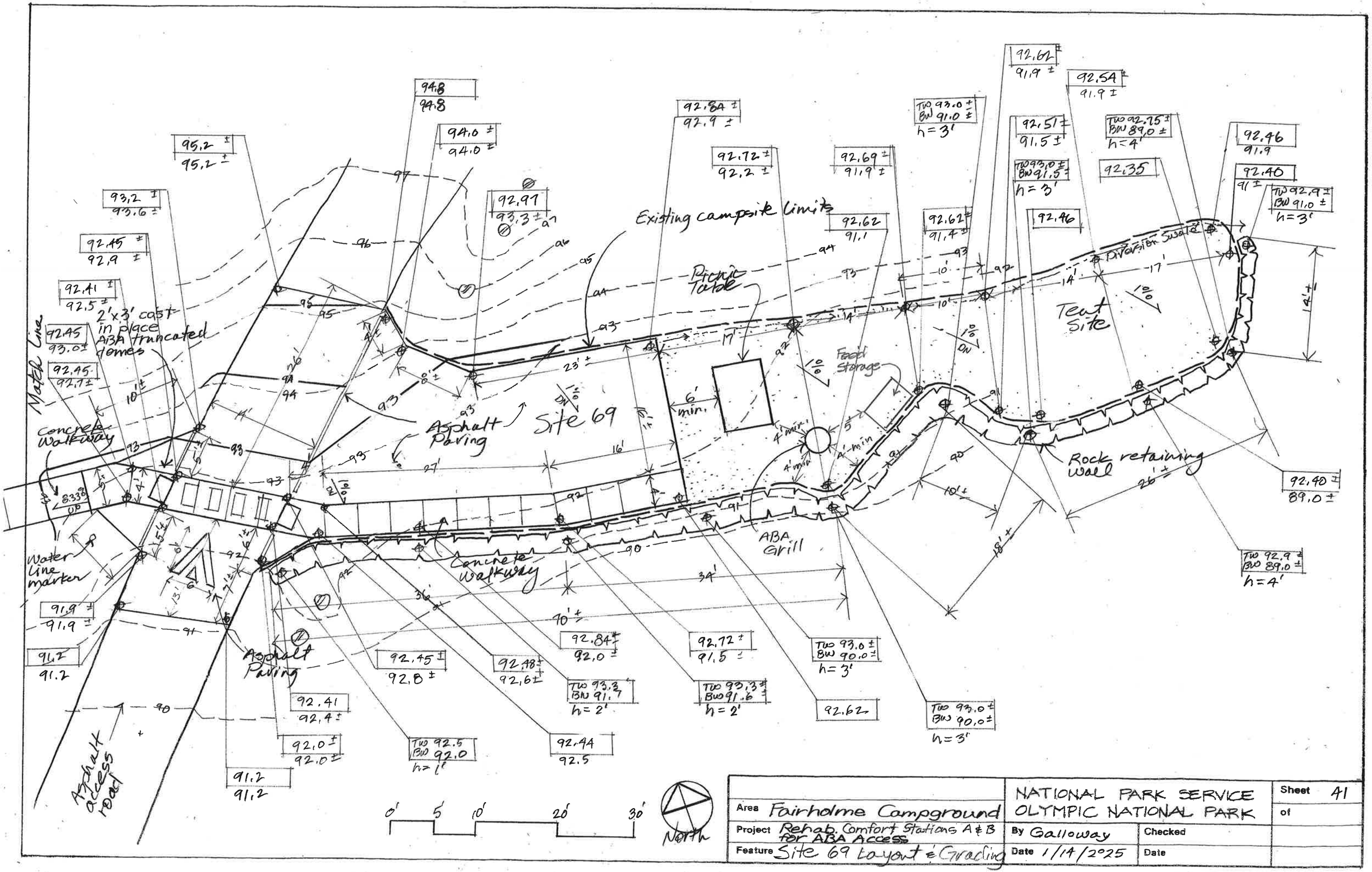
Water Line

Asphalt access road

97 96 95 94 93 92 91 90 89

0' 5' 10' 20'

	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 40 of
Area Fairholme Campground			
Project Rehab. Comfort Stations A&B for ABA Access	By Galloway	Checked	
Feature Existing conditions & removals at Site 69	Date 1/14/2025	Date	



Area Fairholme Campground	NATIONAL PARK SERVICE OLYMPIC NATIONAL PARK		Sheet 41 of
Project Rehab. Comfort Stations A & B for ABA Access	By Galloway	Checked	
Feature Site 69 Layout & Grading	Date 1/14/2025	Date	