GATE PLAN

ALIGN CENTERLINE OF GATE WITH CENTERLINE OF ROAD.

2 CLEAR FROM BOTTOM OF BASE PLATE TO TOP OF FOOTING AT CENTER.

SLOPE SURFACE TO GATE:
- 3/4" OK OR 1/4" LONG-THREADED 3/8" BOLTS WELDED TO PLATE, PROVIDE TWO ADJUSTING NUTS WITH WASHER UNDER PLATE AND ONE TEMPERING RIVET AND WASHER ABOVE 1/4 THREADED LENGTH ON BOLTS.
- 3/8" X 1 3/4" PLATE.
- GATE ARM HOLDING POSTS: STEEL FORM MAY BE USED IF DESIRED. CLAMP TO ENSURE SOLID FIXTURE FORM.

GATE POST DETAIL

GATE POST TOP PLATE

GATE POST TOP PLATE

GATE ELEVATION

GATE PLATE

NOTES:
1. PROVIDE TWO GATE ARM HOLDERS.
2. HOT DIP GALVANIZED GATE ARM HOLDERS, GATE LEAVES AND BASE PLATE STAINCHON AFTER ALL WELDING HAS BEEN COMPLETED.
3. PROVIDE COMPLETE GATE.
4. FULLY GREESE TOP AND BOTTOM OF STAINCHON BEFORE PLACING GATE LEAVES.

SECTION A-A

GATE POST BOTTOM PLATE

DOUBLE VEHICLE ACCESS GATE

SCALE 1/10" = 1'-0"
ADD ALT #3

A) 1 GAL SHRUB PLANTING

TOP OF ROOT CROWN TO BE 1' HIGHER THAN FINISH GRADE.
SLOPE TO DRAIN.
3' DEEP MULCH KEEP MULCH AWAY FROM TRUNK.
FORM SAUCER WITH 3' HIGH CONTINUOUS RIM.
FINISH GRADE
EXISTING SUBGRADE
PLANTING SOIL
PLANE LIMBS BACK TO WITHIN 2" OF TRUNK (TYPICAL).
6'-20' LOG LENGTH VARIES 10'-20', USE SITE LOGS AND
SELECT FELLED TREES IF FIT
CRITERIA. FIELD LOCATE
HABITAT LOG SIMILAR TO AS
SHOW ON DETAIL AREA PLANS.

B) BARRIER LOG

1/8" X 1/2"
PLANTING PER
PLANTING PLAN
BOULDER BURY AS SHOWN
MINIMUM 1/3 OF BOULDER
DIAMETER FIELD LOCATE
BOULDERS SIMILAR TO AS
SHOWN ON DETAIL AREA PLANS.

C) BOULDER

1/2" X 1/2"
SUBGRADE
SUBGRADE
DOOR SCHEDULE

<table>
<thead>
<tr>
<th>INDICATOR</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>**</td>
<td>3'-0&quot;</td>
<td>7'-0&quot;</td>
<td>RE-ENCRAPED FIBERGLASS SEE SPECS.</td>
</tr>
</tbody>
</table>

** Provide ADA compliant nutone door chime alert w/ flashing strobe for the ADA cabinets. (item n: 32-WT-3344-WH)

WINDOW SCHEDULE

<table>
<thead>
<tr>
<th>INDICATOR</th>
<th>SIZE</th>
<th>TYPE</th>
<th>MATERIAL</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>**</td>
<td>2'-0&quot;</td>
<td>SINGLE HUNG</td>
<td>VINYL</td>
<td>SEE SPECS</td>
</tr>
<tr>
<td>**</td>
<td>4'-0&quot;</td>
<td>SINGLE HUNG</td>
<td>VINYL</td>
<td>SEE SPECS</td>
</tr>
<tr>
<td>**</td>
<td>5'-0&quot;</td>
<td>SINGLE HUNG</td>
<td>VINYL</td>
<td>SEE SPECS</td>
</tr>
</tbody>
</table>

** Provide air flow vent for all single hung windows.

TRESHOLD - TYP.

** Provide full weather stripping for exterior doors.

HARDIE PANEL SIDING W/ 1x2 BATTERS @ 12" O.C.

5/4 x 6 HARDIE TRIM TYP. AT CORNERS

RIVER ROCK VENEER

8'9" HAND PEELED LOG

RIDGE VENT

STANDING SEAM METAL ROOF

LEFT SIDE

8'9" HAND PEELED LOG

RIDGE VENT

RIGHT SIDE

EXTERIOR ELEVATIONS

FRONT

RIDGE VENT

EXHAUST DISCHARGE 3' MIN. FROM ANY OPERABLE OPENING

RIDGE VENT

Electrical Outlet

Provide internal mini blinds 1/2 lite

SCHAFFER STATE PARK

RELOCATE CAMPGROUND

CABINS

EXTERIOR ELEVATIONS

SHEET 24 OF 98
BUILDING TEST: TIDED THE COMPUTED BUILDING AND THE AIR LEAKAGE RATE OF
THE BUILDING ENVELOPE SHALL NOT EXCEED 5 AIR CHANGES PER HOUR.
TEST RESULTS OBTAINED FROM A TEST THAT MEET THE REQUIREMENTS
WITH ASHRAE 75 OR AN EQUIVALENT METHOD APPROVED BY THE CODE OFFICIAL.
A REPORT THAT INCLUDES THE TESTED SURFACE AREA, FLOOR AREA, AIR VOLUMES,
AND LEAKAGE RATES SHALL BE SUBMITTED TO THE BUILDING OFFICIAL.
A VISIBLE INSPECTION OF THE AIR ENVELOPE SHALL BE CONDUCTED AND ANY
LEAKS NOTED SHALL BE SEAL TO THE EXTENT PRACTICABLE. AN ADDITIONAL
REPORT IDENTIFYING THE CORRECTIVE ACTIONS TAKEN TO SEAL AIR LEAKS SHALL BE
SUBMITTED TO THE BUILDING OFFICIAL AND ANY FURTHER
REQUIREMENT TO MEET THE LEAKAGE AIR RATE WILL BE WAIVED.

1 X 2 HEM FIR
BATTEN OVER
ALL SEAMS

ELECTRICAL
OUTLET 48" ABOVE F.F.

ELECTRICAL
OUTLET 18" ABOVE F.F.,
TYEP 3 THIC
WALL

LEFT SIDE

1 X 4 HEM/FIR BASE

1 X 2 HEM FIR
BATTEN OVER
ALL SEAMS

LIGHT SWITCH INDOOR & OUTDOOR

FRONT

1 X 2 HEM FIR
BATTEN OVER
ALL SEAMS

ELECTRICAL OUTLET 18" ABOVE F.F.

BACK

1 X 4 HEM/FIR BASE

INTERIOR ELEVATIONS

ELECTRIC PANEL

ELECTRIC HEATER

1 X 2 HEM FIR
BATTEN OVER
ALL SEAMS

ELECTRICAL OUTLET 18" ABOVE F.F.
HOLD-DOWN SCHEDULE

NOTE: SEE PLAN FOR HOLD-DOWN LOCATION.

1. USE 1/2” Diameter by 10” Anchor Bolts (ATC) with single plates or 1/2” shear bolts with 24 or double plates spaced as shown on the drawings. All anchor bolts shall be 18” embedment in concrete or poured in place and shall be centered at the building wall and shall project through the bottom plate of the shear walls. The anchor bolts shall be spaced not more than 48” apart. All anchor bolts shall be a 1/4” hex head, bolt washers between the top of the shee plate and the nut. (For using expansion anchors as substitutes for anchor bolts, 
   embed a minimum of 2-1/2” into concrete.)

2. All nail sheathing shall be 1/2” CDX plywood, 5/8” #12 Dowling, or 7/8” OSB with exterior exposure. All nails shall be 1-1/4” #16 galvanized or equivalent. All free sheathing edges shall be blocked with 2-1/2” or 2-3/4” flat blocking. All sheathing shall be blocked at the ends of both plates at splices. All anchor bolts shall have a 1” square, 1-1/4” shear plate washers between the top of the shee plate and the nut. (For using expansion anchors as substitutes for anchor bolts, 
   embed a minimum of 2-1/2” into concrete.)

3. All nails shall be #6 or 1/4” common. (1/4” common nails shall be 18” embedment in concrete or poured in place and shall be centered at the building wall and shall project through the bottom plate of the shear walls. The nails shall be spaced not more than 48” apart. All anchor bolts shall be a 1/4” hex head, bolt washers between the top of the shee plate and the nut. (For using expansion anchors as substitutes for anchor bolts, 
   embed a minimum of 2-1/2” into concrete.)

4. Hold-downs are Simpson “STRENGTH-TE” and shall be installed per the manufacturer's recommendations. Equivalent fasteners by United States Steel Corporation “Kwik Bolt” that have IC approval can be substituted for the Simpson “STRENGTH-TE” fasteners.

5. The nailing of the sole plate to the floor shall be 16 gauge common nails to match the spacing of the shear wall edge nailing.

6. Wall framing shall be 2x6 Douglas Fir or更好地. 2x4 or 2x3 studs can be used from multiple 2x4 studs glued and nailed together with (2) rows of 10s at 8” O.C. per each row.

7. 2x4 wall plates can be a combination of (1) pressure-treated 2x4 sill. Sheathing is to be oriented with concrete and any non-treated 2x4 sill plates nailed to the lower plate with (2) rows of 10 gauge common nails at 8” O.C. per each row.

8. All fasteners in pressure treated wood shall be hot dipped galvanized or stainless steel. Anchor bolts are not required to be of stainless steel or galvanized.

SHEAR WALL SCHEDULE

SHALL BE INSTALLED PER MANUFACTURER’S RECOMMENDATION.

ROOF DIAPHRAGM

1/2” plywood or 7/16” OSB, shear rated 24/26 #6 or better, nailed with 10 gauge or #12 #16 nails at 12” on center. Floor joists shall be spaced at 24” on center and shall be spaced 1-1/2” on center for each joist.

FLOOR DIAPHRAGM

2x4 Tongue and Groove plywood or OSB, shear rated 24/26 #6 or better, glued and nailed with 10 gauge at 12” on center. Sheathing shall be spaced 1-1/2” on center for each joist.

Shear wall shall be laid perpendicular to framing.

WASHINGTON STATE PARKS AND RECREATION COMMISSION
SCHAEFER STATE PARK
RELOCATE CAMPGROUND
ROOF AND FOUNDATION PLAN

SCALE:

SHEET 27 OF 98

PARKS FILER

PROJECT NO.

INSTRUCTIONS: DRAWN BY:

CHECKED BY:

REVIEWED BY:

WASILLA, AK 99654

ARCHITECT:

ENGINEER:

CONTRACTOR:

DATE:

DATE:

DATE:
MECHANICAL NOTES

1. Insulate ductwork to R-4.5 (MIN).
2. Provide air flow vent on all single hung windows with min. 10.18 CFM per window.
3. Ensure exhaust discharge is 3'-0" (MIN) from any operable opening.
4. Provide one single fire alarm control panel model H5-2 & SK-4-A to service the four cabins.

SHEET NOTE

Apartment air is provided per 2015 NEI with Washington State Amendments for whole house ventilation with exhaust fan per section 3A.8.2B. Exhaust fan shall continually operate 30 CFM (MIN) per table 403.8.1 for 0-1 bedrooms under 1,500 sq. ft.

EF SCHEDULE

<table>
<thead>
<tr>
<th>ID</th>
<th>MFR</th>
<th>MODEL</th>
<th>AIR CFM</th>
<th>SF</th>
<th>NOTES</th>
<th>VOLT 120/240</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DAI</td>
<td>DCS202</td>
<td>2.0 HP</td>
<td>9.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTES:
1. OR EQUAL
2. Provide with wall termination kit, backdraft damper and insect screen.
3. Unit shall operate continuously at 30 CFM (MIN).

MECHANICAL PLAN

SCHAEFER STATE PARK
RELOCATE CAMPGROUND

CABINS
MECHANICAL VENTILATION PLAN

PARKS FILE