KEY NOTES:
1. DRAWING IS BASED UPON SURVEY PERFORMED ON JULY 30, 2013 BY COOGHLAN & TREASURING, INC.
2. ELEVATIONS ARE NAD 88 (+0.00 FT HWM AT PREMIER, SAN FRANCISCO)

1. ENTRY SIGN AND PAY STATION
2. FISH CLEANING STATION
3. BOAT WASHDOWN
4. FLOOD LIGHT
5. LAUNCH RAMP
6. BOATING FLOAT (REMOVAL) - DEMOLISH 8 TOTAL
7. TRAILER TIE (REMOVAL) - DEMOLISH 8 TOTAL
8. CONCRETE ALIGNMENT - DEMOLISH 2 TOTAL
9. DEMOLISH PLANER
10. DEMOLISH ASPHALT AND CONCRETE APRON

G1
KEY NOTES:
1. LAUNCH RAMP
2. ROADING FLOATS - DECEMBER
3. FISH CLEANING STATION
4. BOAT WASHER
5. THIRD PILE - DECEMBER 4 TOTAL

ELEVATIONS AND WATER LINES AT VARIOUS DATES ARE SHOWN.

SCALE 1" = 40'-0"
NOTES:

1. Construct concrete abutment
2. Low freeboard dock deck 6' below boarding float.
Epoxy coated bar equal spaced
5 total cast into precast panel

New cast-in-place ramp
Ramp FS (V-grooved)

Approx 20'-0"

45'-0" Precast panel length

Approx 6'-0"

5'-0" Light class riprap stone

Existing ramp
Existing subgrade

Existing fabric & over exc new ramp

Gravel layer

Filter fabric

NR grade beam

Original design slope

Reinforcing

Gravel layer

Reinforcing

Extended fabric and fold back over rock

Note: additional gravel may be needed under filter fabric in skewed / low locations.

1. CIP Apron to Ramp Head Joint Detail

2. CIP to Precast Panel Joint Detail

3. Ramp Toe Protection

4. Launch Ramp Section

Scale 1" = 1'-0"

Scale 1" = 1'-0"

Scale 1" = 1'-0"

Scale 1" = 1'-0"

Scale 1" = 1'-0"

Scale 1" = 1'-0"

BOAT LAUNCH FACILITIES IMPROVEMENT
LAUNCH RAMP DETAILS

moffatt & nichol
605 Market Street, San Francisco, CA 94105
925.273.6600
mncalifornia@moffattandnichol.com

Sheet 10 of 11

C14