

Cordell

Loomis

Havillah

Bodie

Ellisforde

Wauconda

Tonasket

Sinlahekin
Wildlife
Recreation
Area

Republic

Conconully

Keystone

Aeneas

Ruby

Synarep

Brown Lake

Riverside

West Fork

North Omak

Omak

Disautel

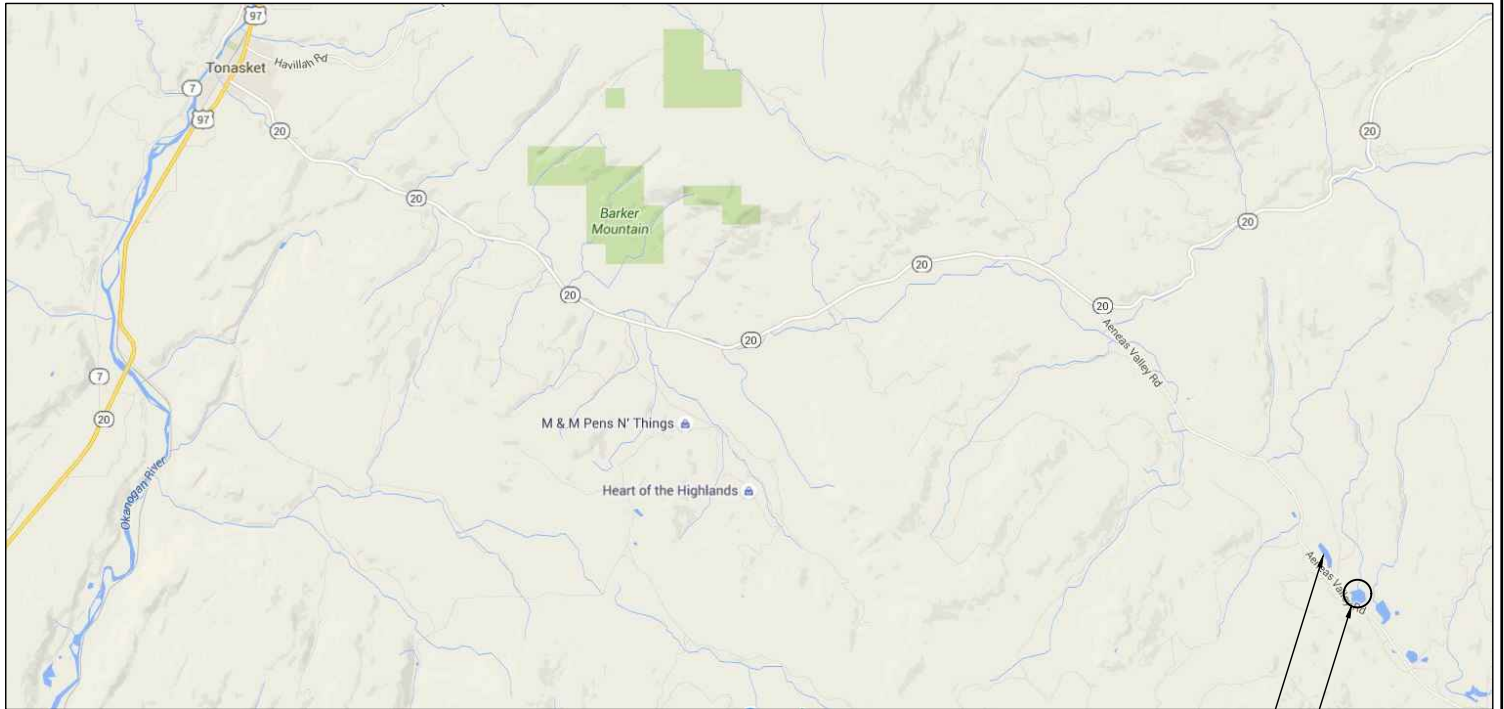
Moses
Mountain

Okanogan

Olema

Malott

Omak L



LONG LAKE
 PROJECT LOCATION
 ROUND LAKE

VICINITY MAP
 NOT TO SCALE

PURPOSE: REPAIR DAMAGED
 BOAT RAMP

WASHINGTON DEPT. of FISH & WILDLIFE
 600 CAPITOL WAY N.
 OLYMPIA, WA 98501-1091

PROPOSED: ACCESS RAMP REPAIR
 VICINITY MAP

DATUM: ASSUMED

ADJACENT PROPERTY OWNER:

1. _____

2. _____

ENG. PROJECT NO. PO:A416:16-1

REFERENCE NO. _____

SITE: **ROUND LAKE ACCESS #2**

ADDRESS: **AENEAS VALLEY ROAD
 TONASKET, WA**

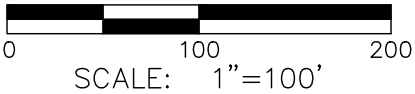
IN: ROUND LAKE

NEAR: TONASKET

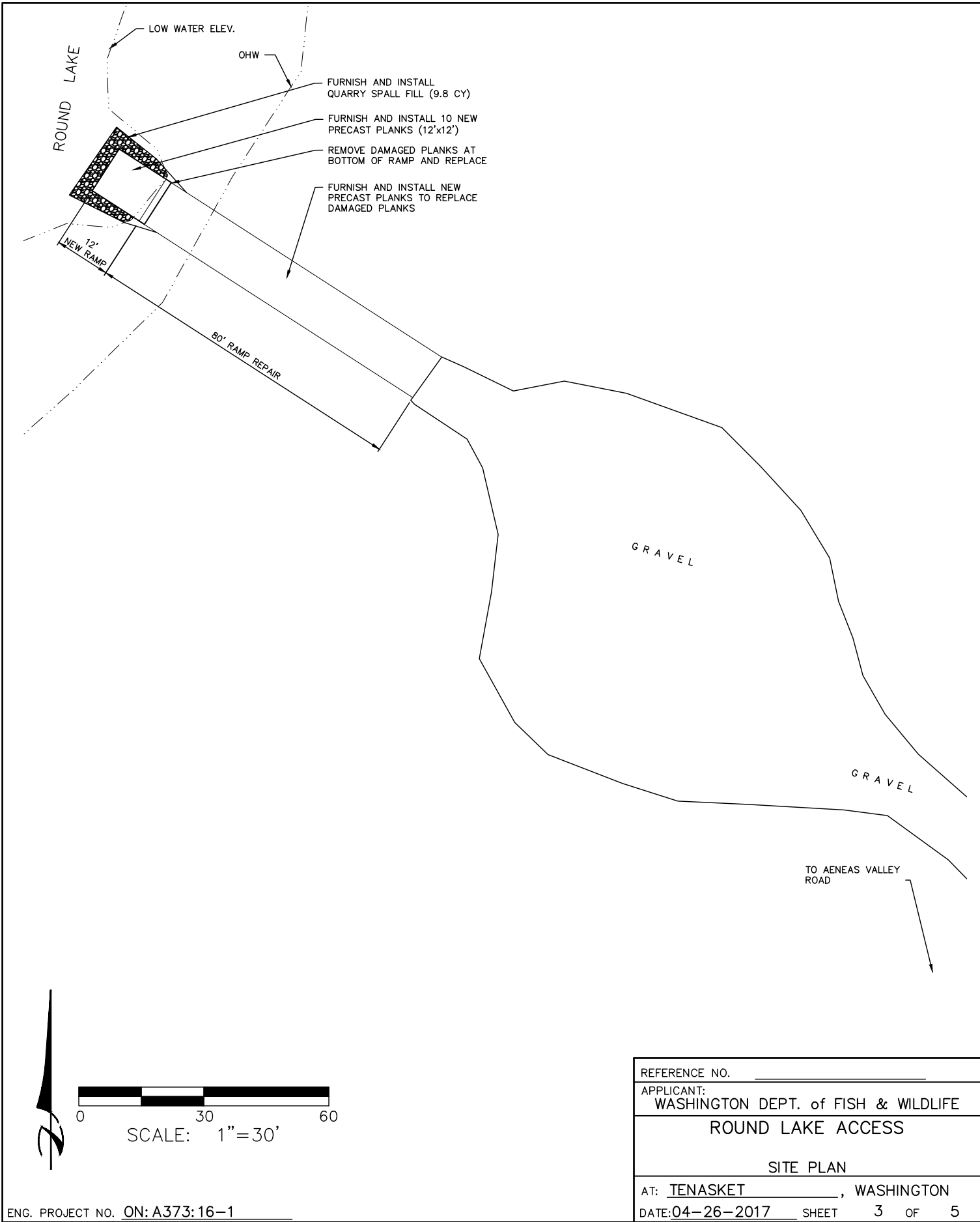
COUNTY OF: OKANOGAN STATE: WA

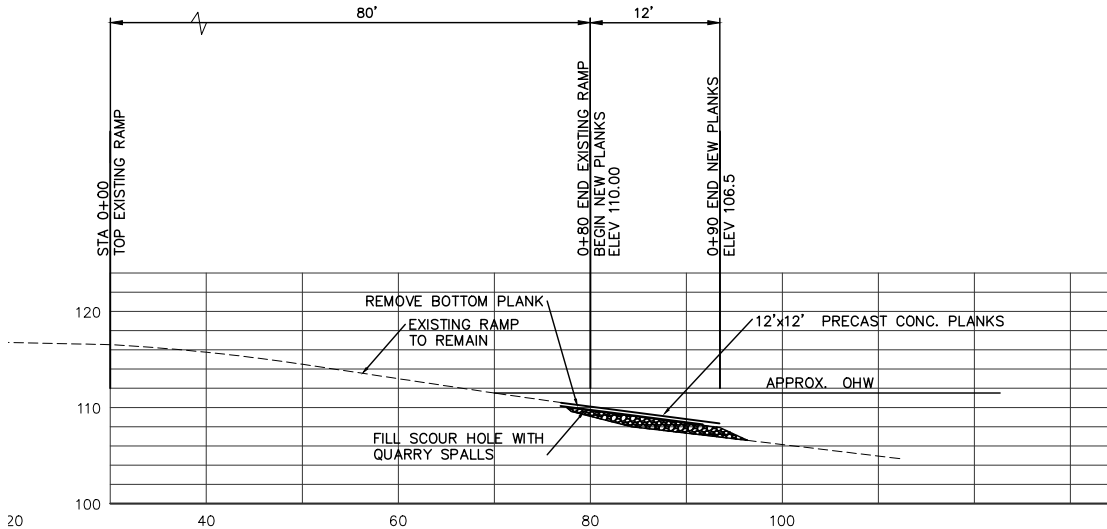
PORTION OF: SEC 19, T36N, R30E

DATE: 04-26-2017 SHEET 1 OF 5



REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
ROUND LAKE ACCESS
EXISTING SITE PLAN
AT: TONASKET _____, WASHINGTON
DATE: 04-26-2017 SHEET 2 OF 5



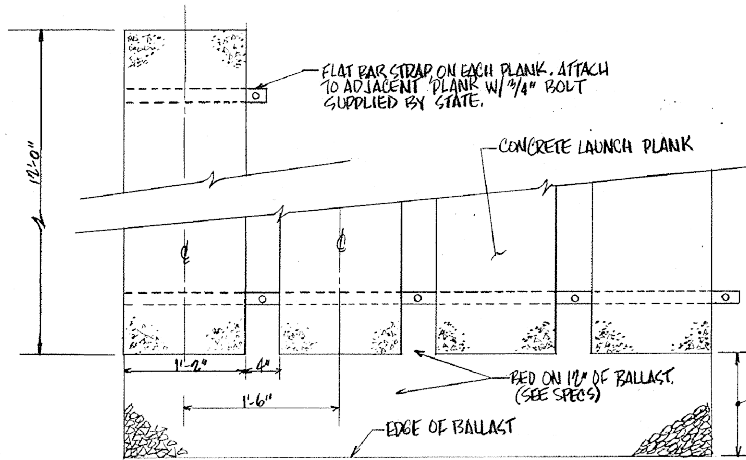


RAMP PROFILE
SCALE: 1" = 20'

NOTES:

1. EXISTING BOAT RAMP TO REMAIN.
2. REPLACE DAMAGED PLANKS AS NEEDED (MIN. 7)
3. REPAIR SHOULDER WITH QUARRY SPALLS (APPROX. 6 CY)
4. REMOVE BOTTOM PLANK.
5. FILL SCOUR HOLE WITH QUARRY SPALLS (9.8 CY)
6. EXTEND RAMP WITH 12'x12'x4" PRECAST CONCRETE PLANKS = 144 SF = 2.0 CY

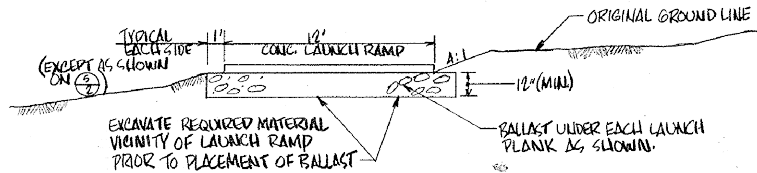
REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
ROUND LAKE ACCESS
PROFILE
AT: TONASKET _____, WASHINGTON
DATE: 04-26-2017 SHEET 4 OF 5



- NOTES:
1. CONCRETE LAUNCH PLANKS FURNISHED BY STATE, INSTALLED BY CONTRACTOR (SEE SPECS)
 2. 1" GAP BETWEEN ALL LAUNCH PLANKS TO BE FILLED WITH BALLAST SO FLUSH WITH TOPS OF PLANKS.

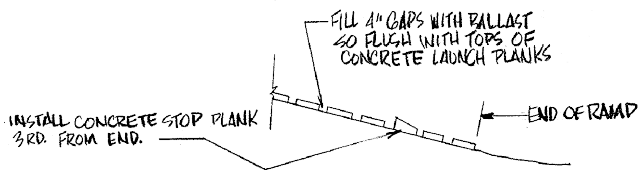
LAUNCH RAMP PLANK DETAIL

SCALE: 1" = 1'-0"



SECTION

NO SCALE



REFERENCE RAMP STANDARDS FROM ORIGINAL 1977 RAMP DETAILS

NOT TO SCALE

REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
ROUND LAKE ACCESS
TYPICAL RAMP DETAILS
AT: TONASKET _____, WASHINGTON
DATE: 04-26-2017 SHEET 5 OF 5



PROJECT LOCATION
 LONG LAKE
 ROUND LAKE

VICINITY MAP
 NOT TO SCALE

PURPOSE: REPAIR DAMAGED BOAT RAMP	WASHINGTON DEPT. of FISH & WILDLIFE 600 CAPITOL WAY N. OLYMPIA, WA 98501-1091	PROPOSED: ACCESS RAMP REPAIR VICINITY MAP
DATUM: <u>ASSUMED</u> ADJACENT PROPERTY OWNER: 1. _____ 2. _____ ENG. PROJECT NO. <u>PO:A348:16-1</u>	REFERENCE NO. _____ SITE: LONG LAKE ACCESS ADDRESS: AENEAS VALLEY ROAD TONASKET, WA	IN: <u>LONG LAKE</u> NEAR: <u>TONASKET</u> COUNTY OF: <u>OKANOGAN</u> STATE: <u>WA</u> PORTION OF: <u>SEC 13, T36N, R29E</u> DATE: <u>04-26-2017</u> SHEET <u>1</u> OF <u>5</u>

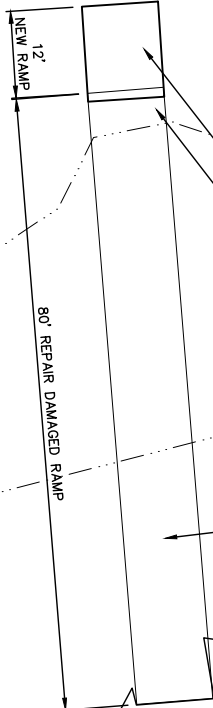


SCALE: 1"=100'

ENG. PROJECT NO. ON: A348:16-1

REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
LONG LAKE ACCESS
EXISTING SITE PLAN
AT: <u>TONASKET</u> , WASHINGTON
DATE: <u>04-26-2017</u> SHEET 2 OF 5

LONG LAKE



LOW WATER ELEV.

OHW

FURNISH AND INSTALL 10 NEW PRECAST PLANKS (12'x12')

REMOVE DAMAGED PLANKS AT BOTTOM OF RAMP AND REPLACE

FURNISH AND INSTALL NEW PRECAST PLANKS TO REPLACE DAMAGED PLANKS

GRAVEL

GRAVEL

TO AENEAS VALLEY ROAD



SCALE: 1"=30'

REFERENCE NO. _____

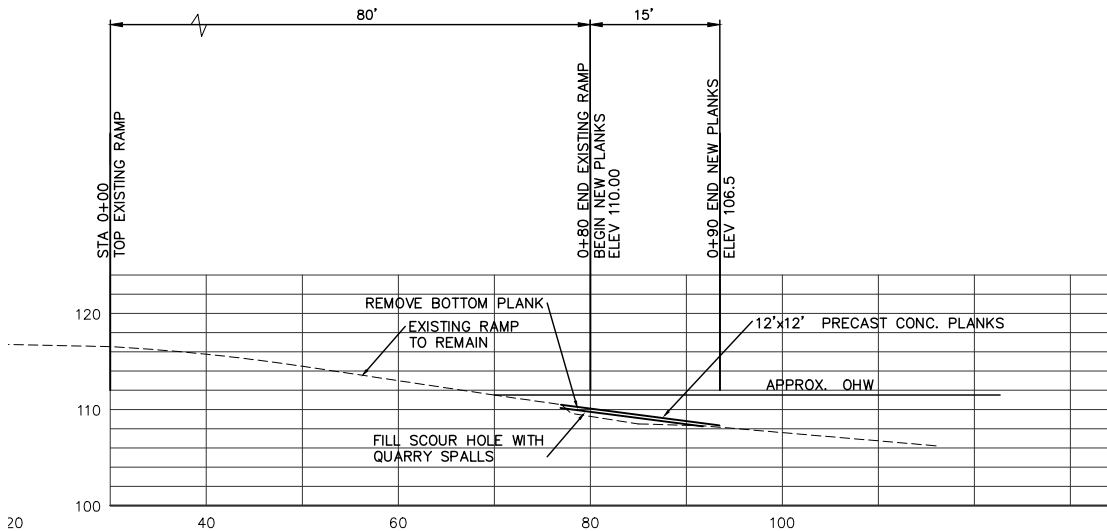
APPLICANT:
WASHINGTON DEPT. of FISH & WILDLIFE

LONG LAKE ACCESS

SITE PLAN

AT: TENASKET _____, WASHINGTON

DATE: 04-26-2017 SHEET 3 OF 5

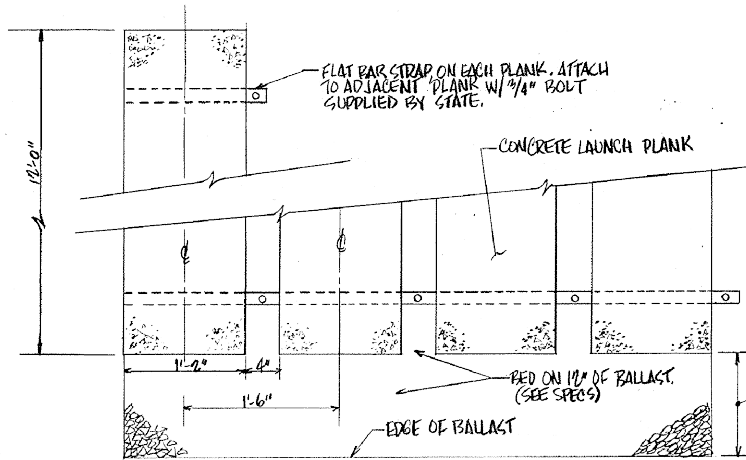


RAMP PROFILE
SCALE: 1" = 20'

NOTES:

1. EXISTING BOAT RAMP TO REMAIN.
2. REPLACE DAMAGED PLANKS AS NEEDED (MIN. 7)
3. REPAIR SHOULDER WITH QUARRY SPALLS (6 CY)
4. REMOVE BOTTOM PLANK.
5. FILL SCOUR HOLE WITH QUARRY SPALLS (4.2 CY)
6. EXTEND RAMP WITH 12'x12'x4" PRECAST CONCRETE PLANKS = 144 SF = 2.0 CY

REFERENCE NO. _____
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE
LONG LAKE ACCESS
PROFILE
AT: TONASKET _____, WASHINGTON
DATE: 04-26-2017 SHEET 4 OF 5

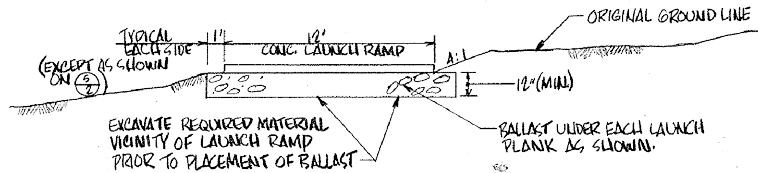


- NOTES:
1. CONCRETE LAUNCH PLANKS FURNISHED BY STATE, INSTALLED BY CONTRACTOR (SEE SPECS)
 2. 4" GAPS BETWEEN ALL LAUNCH PLANKS TO BE FILLED WITH BALLAST SO FLUSH WITH TOPS OF PLANKS.

EXTEND BALLAST 1' FROM EDGE OF EACH PLANK EXCEPT AS SHOWN ON SHEET 2.

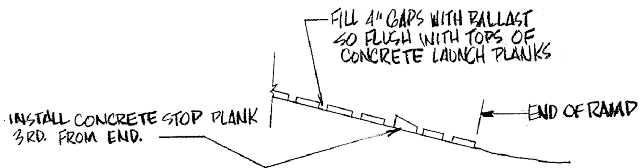
LAUNCH RAMP PLANK DETAIL

SCALE: 1" = 1'-0"



SECTION

NO SCALE



REFERENCE RAMP STANDARDS FROM ORIGINAL 1977 RAMP DETAILS

NOT TO SCALE

REFERENCE NO.	
APPLICANT:	WASHINGTON DEPT. of FISH & WILDLIFE
	LONG LAKE ACCESS
	TYPICAL RAMP DETAILS
AT:	TONASKET, WASHINGTON
DATE:	04-26-2017 SHEET 5 OF 5