

VICINITY



● Project Location
 — Stream
 — Highway
 ▭ County Boundary
 + Rail



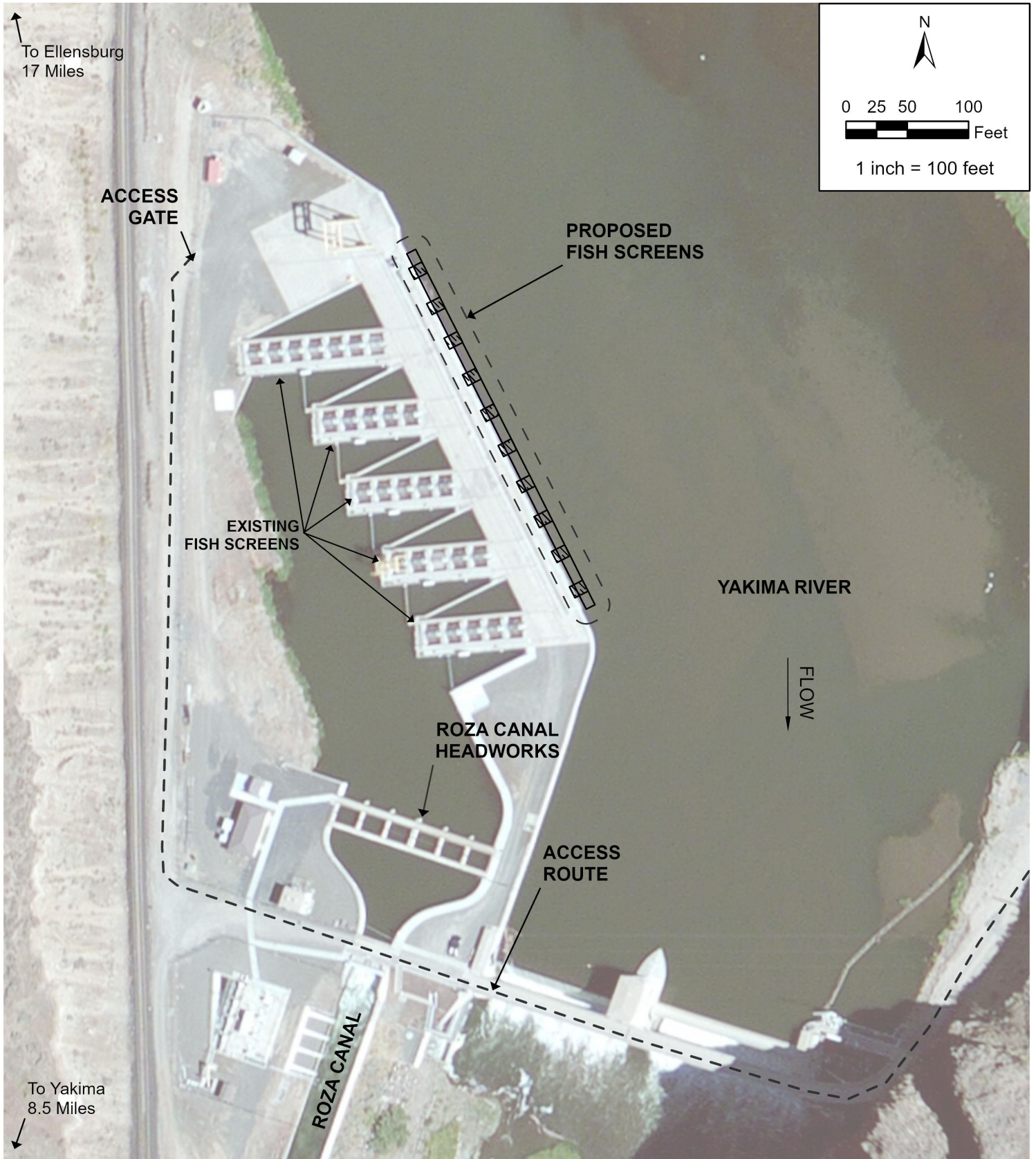
Data Sources: BNSF, DNR, USGS, WSDOT Basemap Sources: Geographics, Esri, USGS

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA **STATE:** WA
COUNTY: KITTITAS
DATE: APRIL 2022
SHEET: 1 OF 12

SITE PLAN



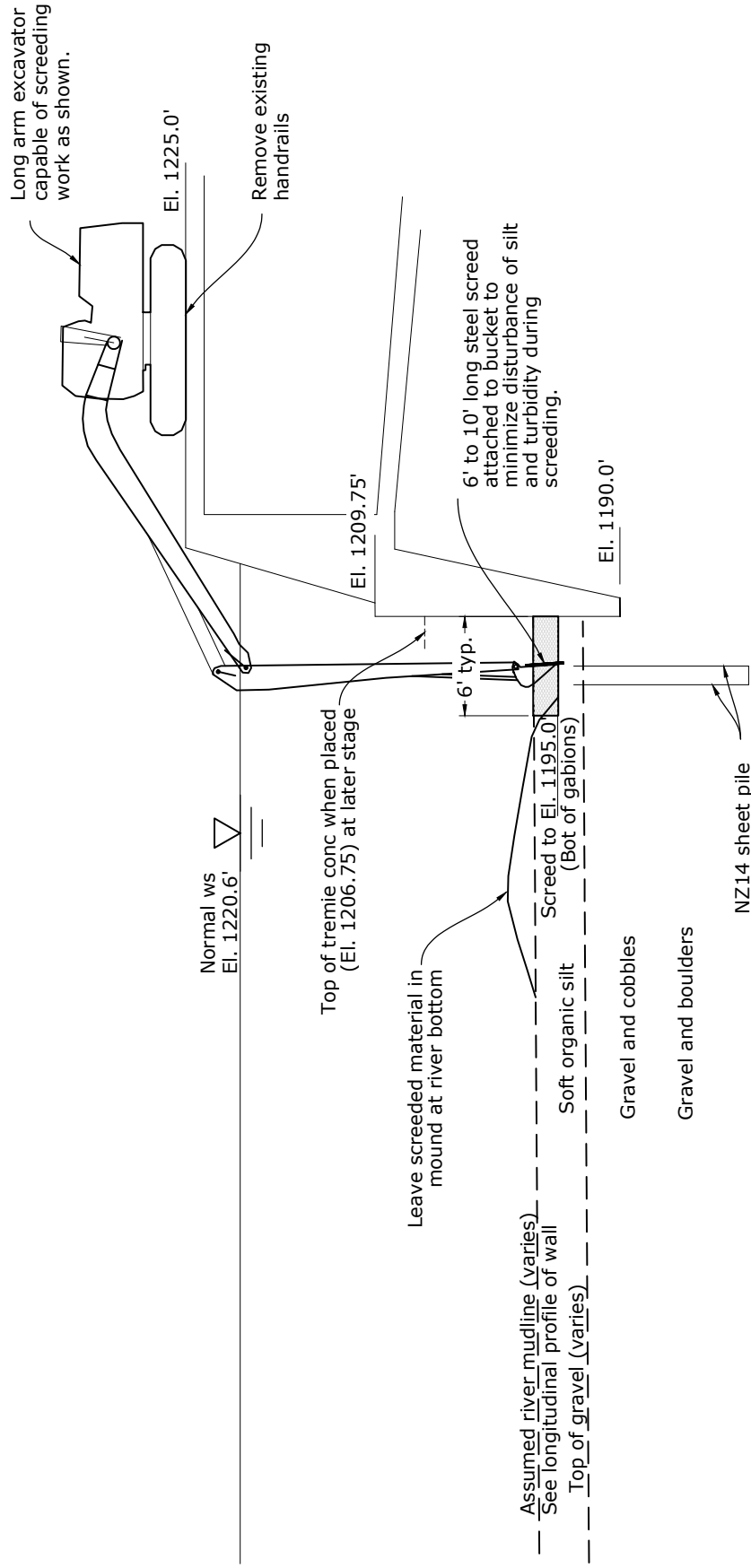
Basemap Sources: Geographics, Esri, USGS

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 2 OF 12

SCREEDING SILT - SECTION DETAIL



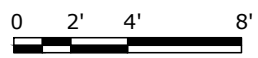
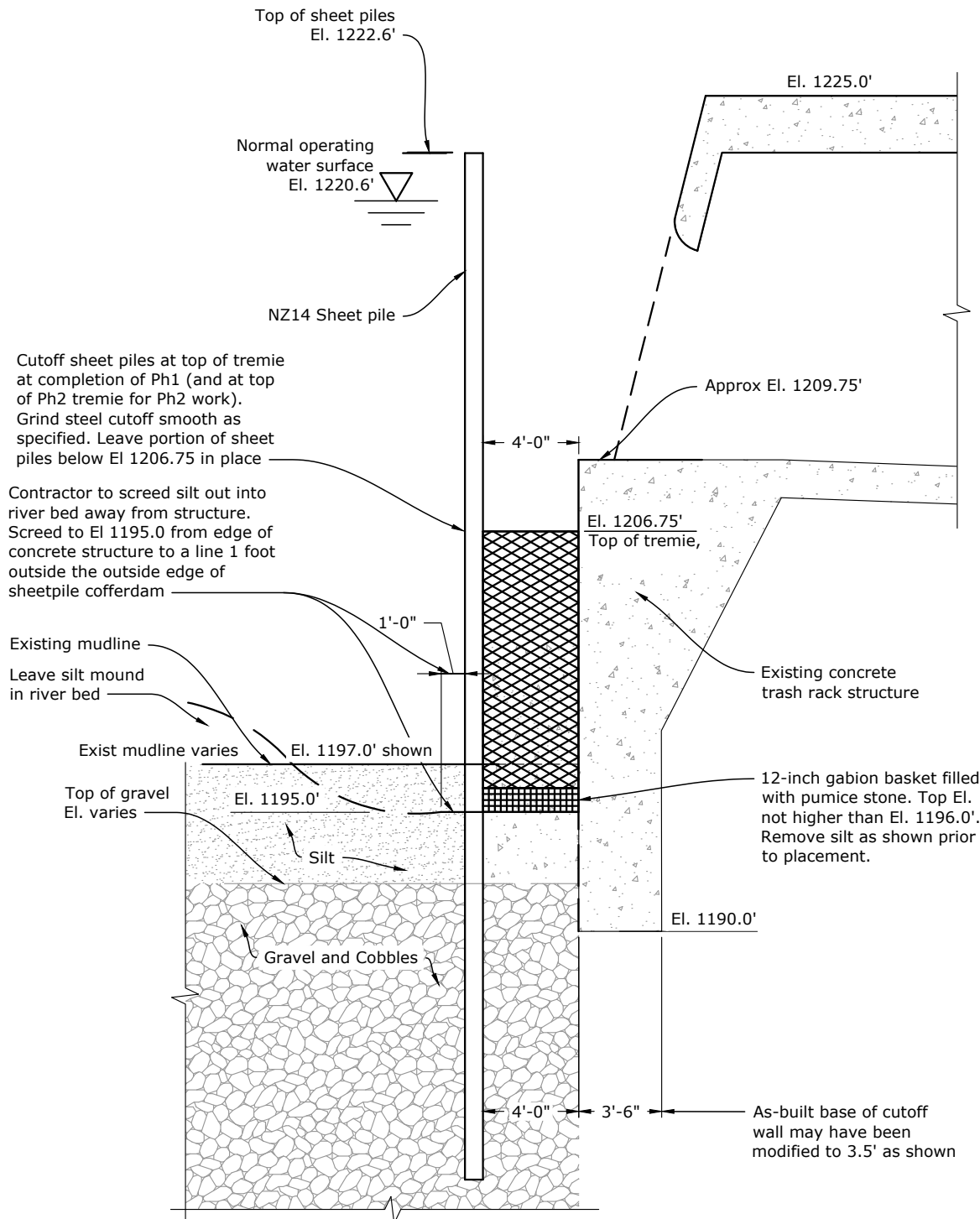
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 3 OF 12

TYPICAL SECTION ALONG SCREENING BAYS 1 THROUGH 5



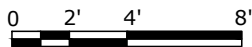
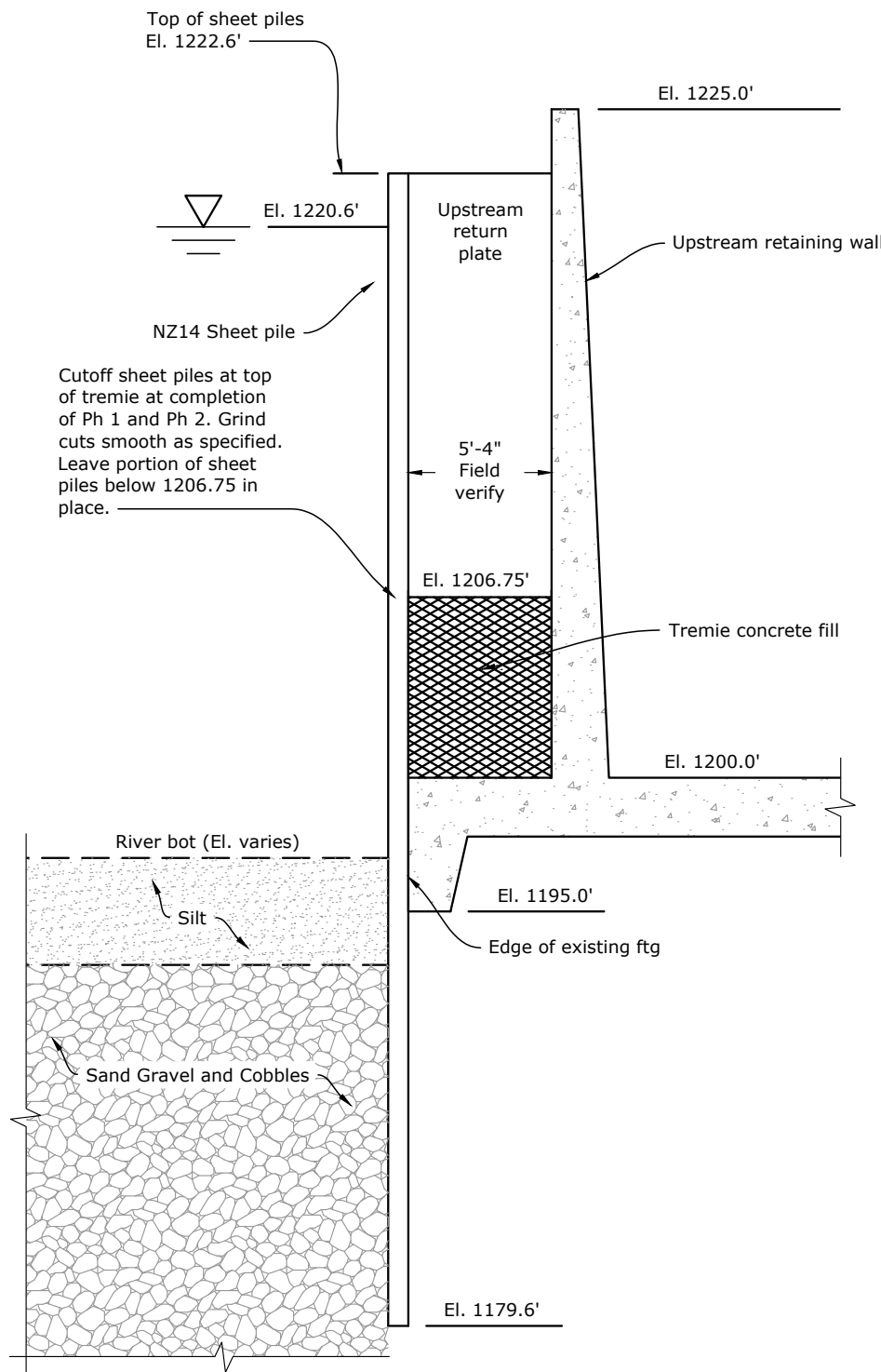
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 4 OF 12

TYPICAL SECTION ALONG UPSTREAM RETAINING WALL



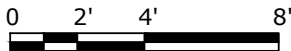
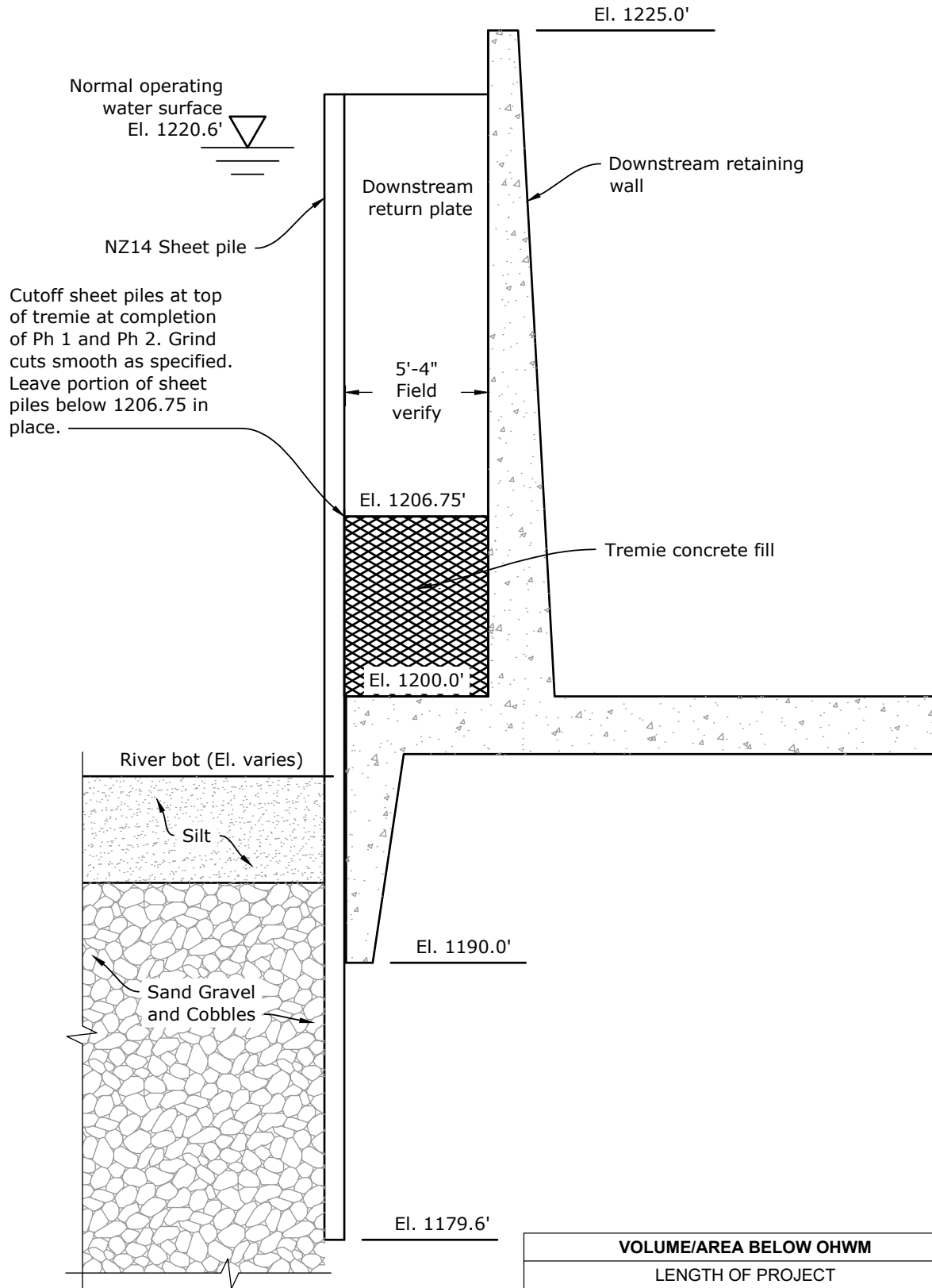
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 5 OF 12

TYPICAL SECTION ALONG DOWNSTREAM RETAINING WALL



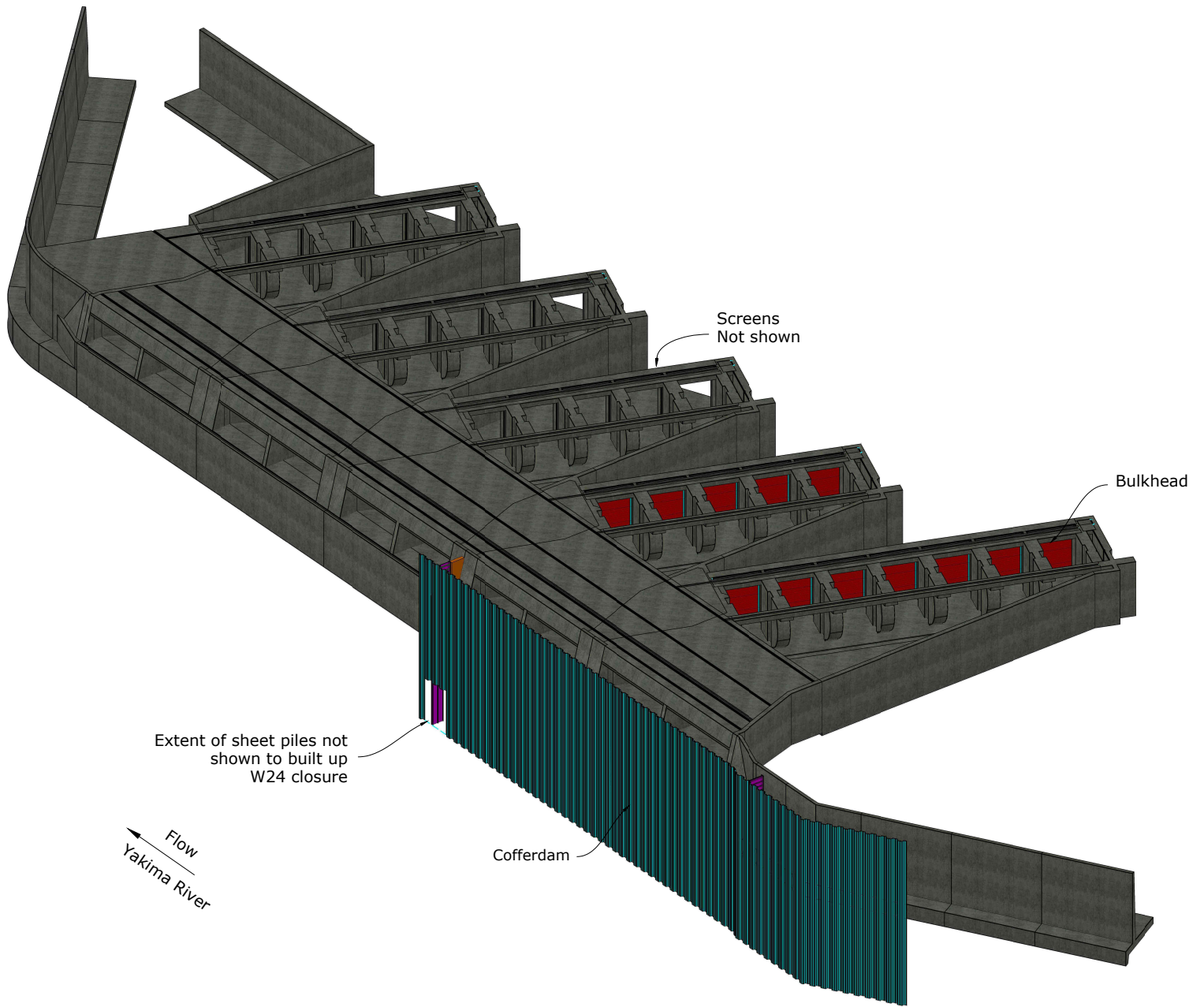
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 6 OF 12

PHASE 1 REMOVAL OF WATER - GENERAL ARRANGEMENT - ISOMETRIC



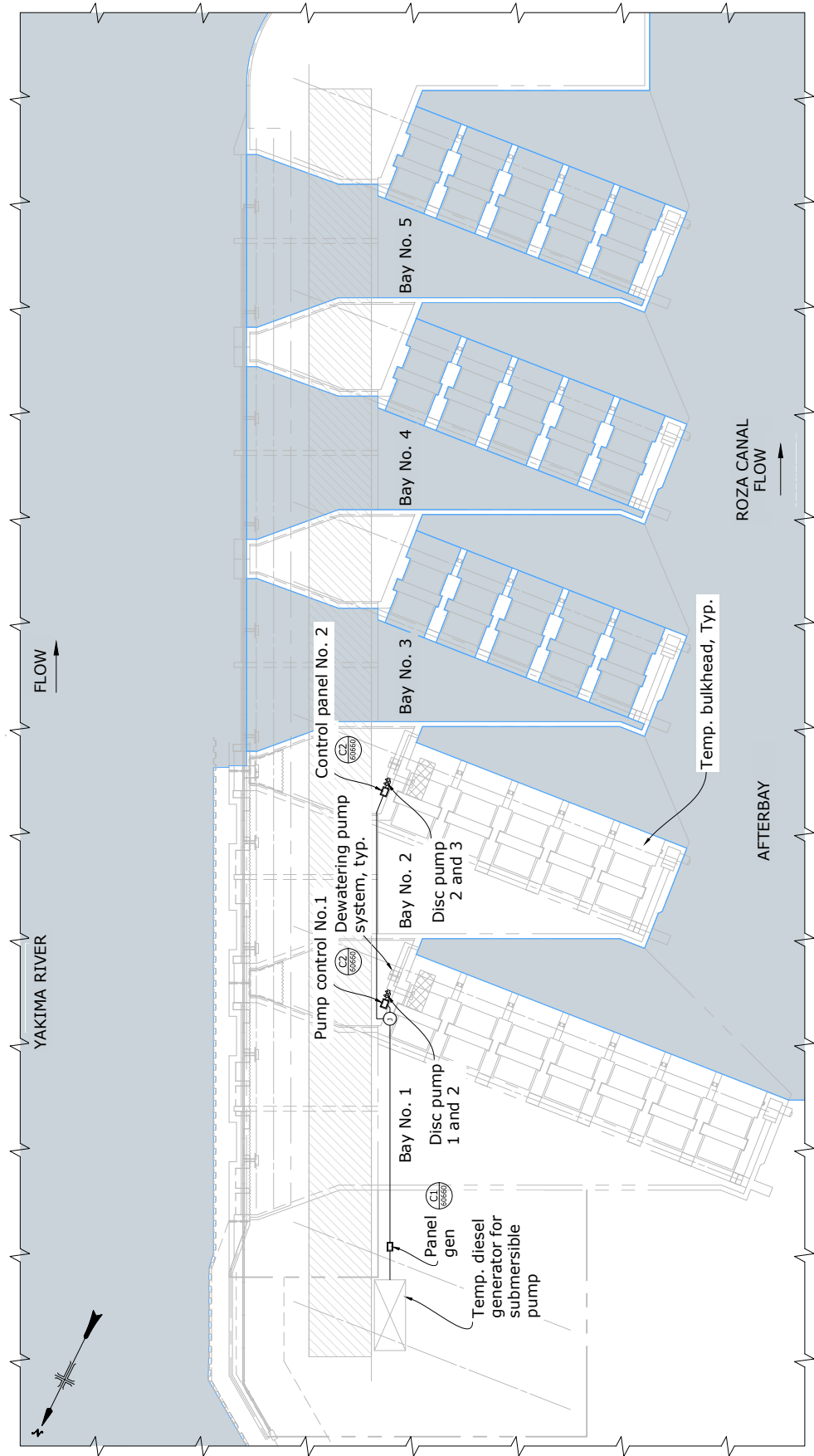
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 7 OF 12

PHASE 1 REMOVAL OF WATER - PLAN



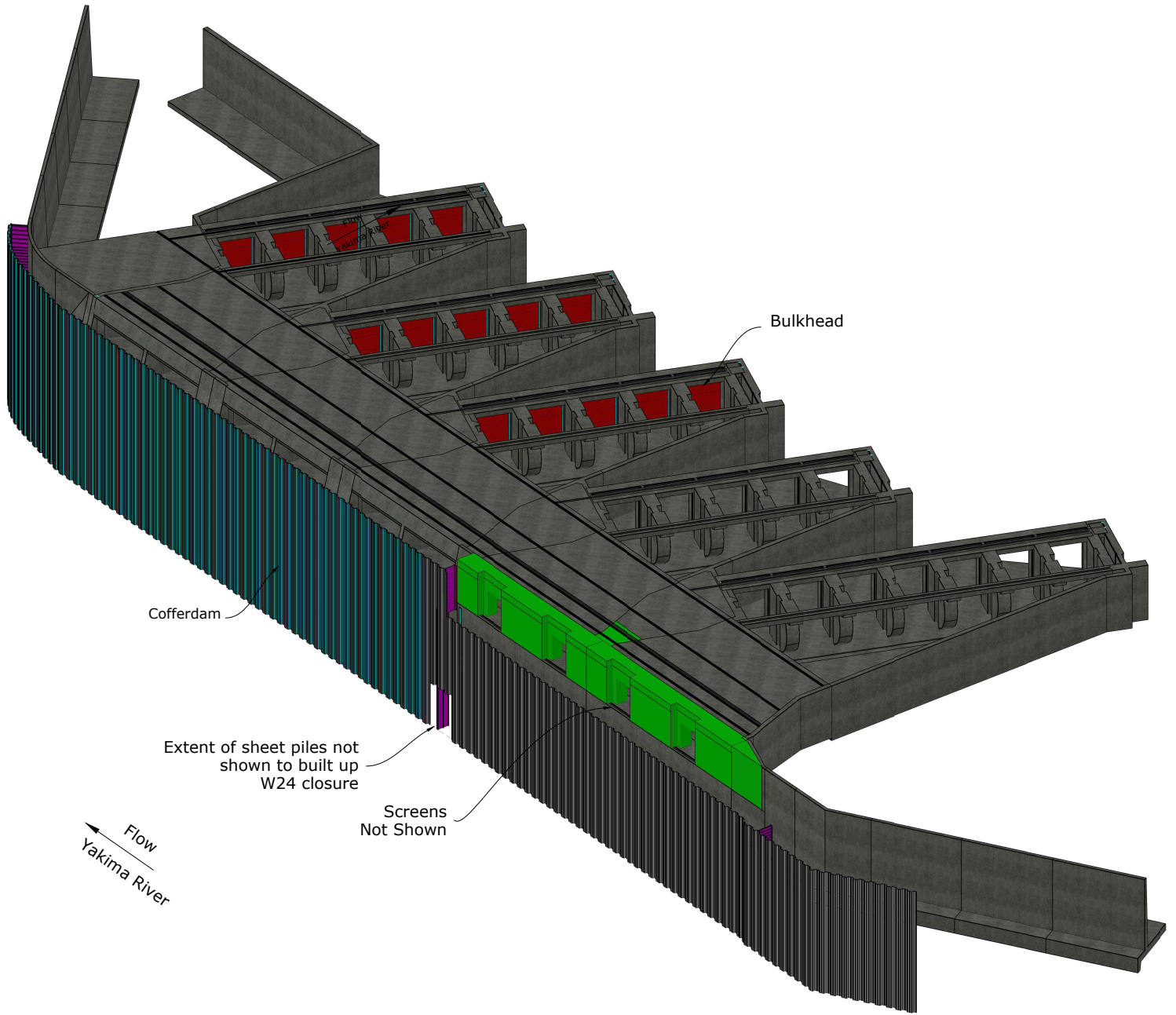
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 8 OF 12

PHASE 2 REMOVAL OF WATER - GENERAL ARRANGEMENT - ISOMETRIC



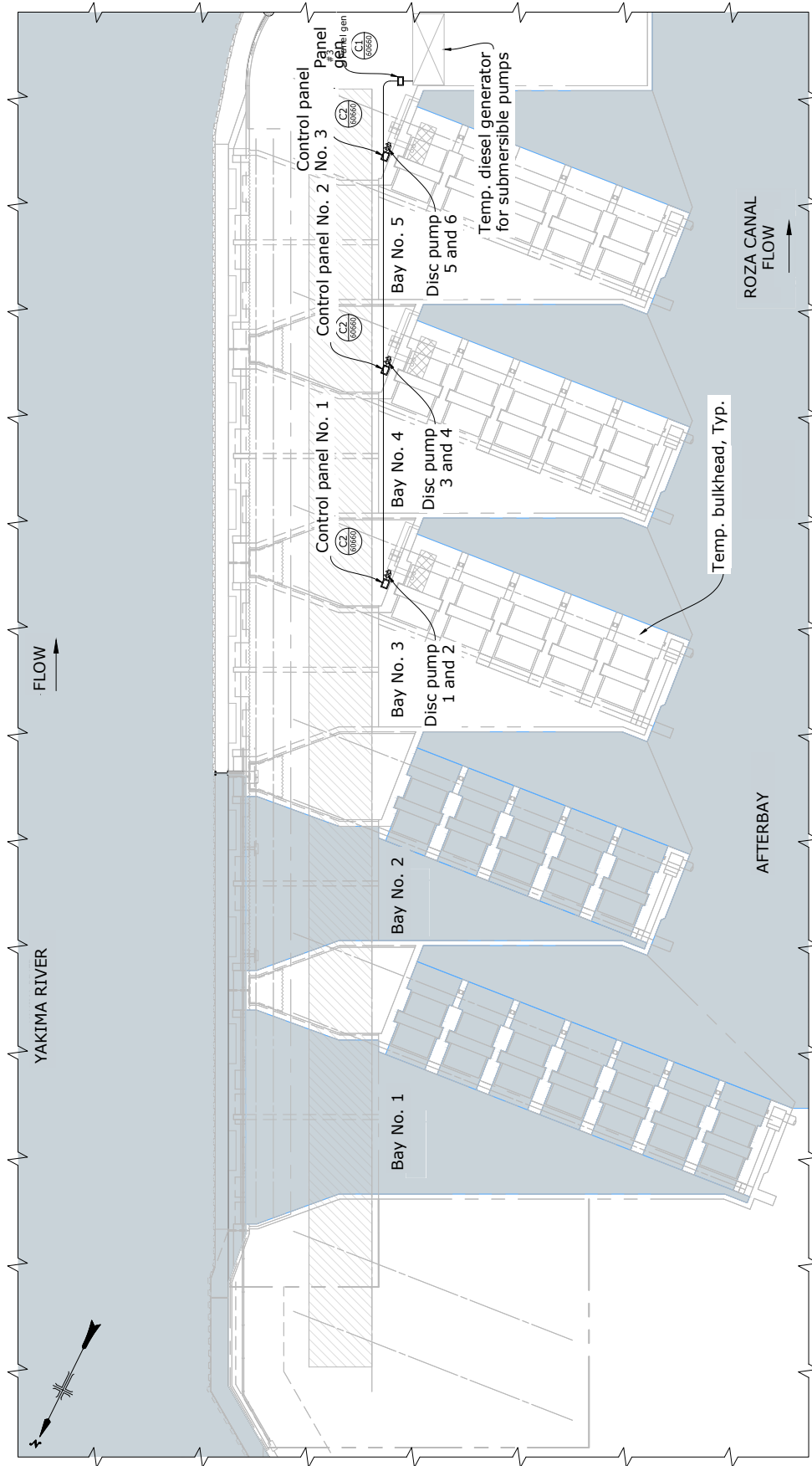
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 9 OF 12

REMOVAL OF WATER - PLAN



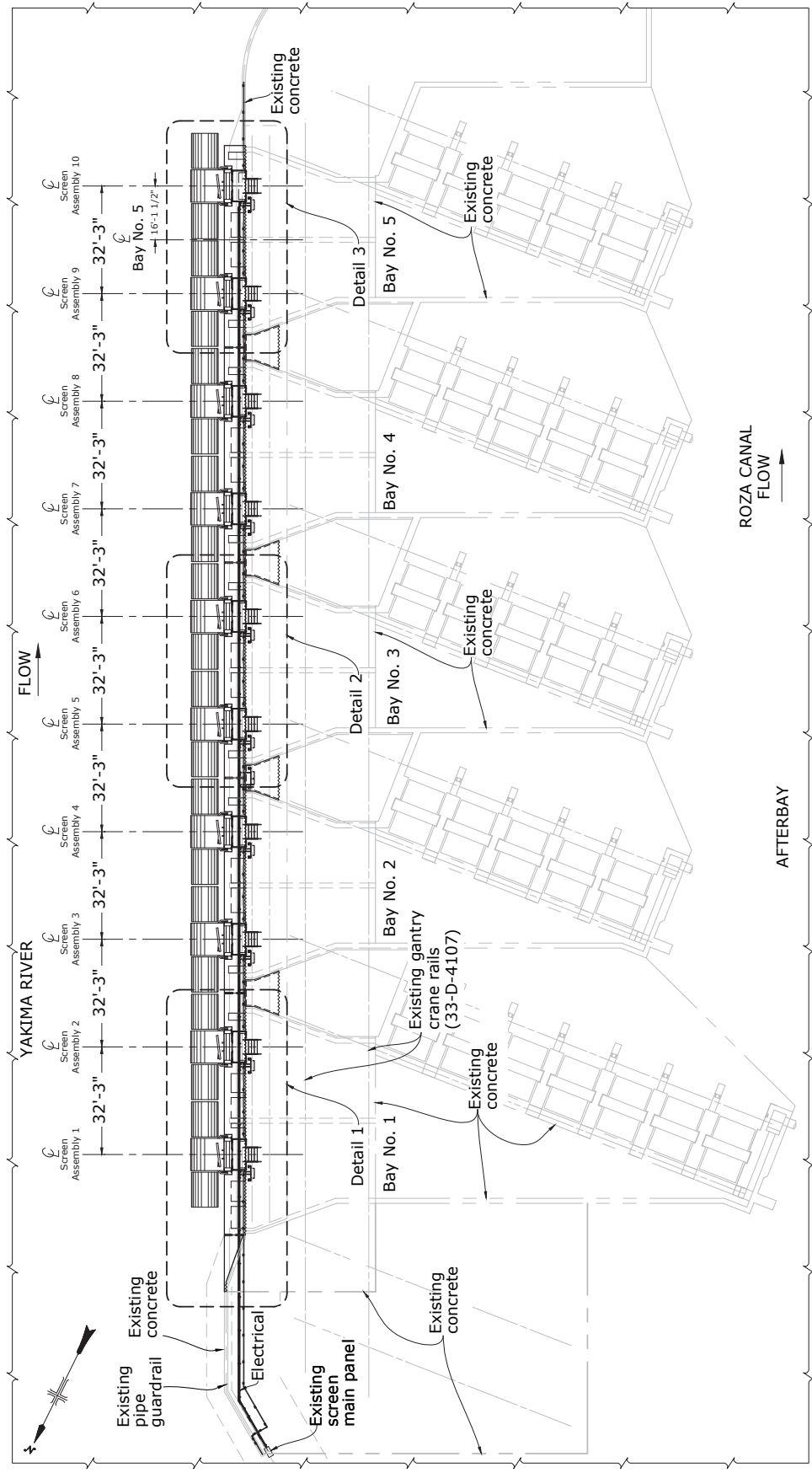
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 10 OF 12

FISH SCREEN REPLACEMENT - GENERAL ARRANGEMENT - PLAN



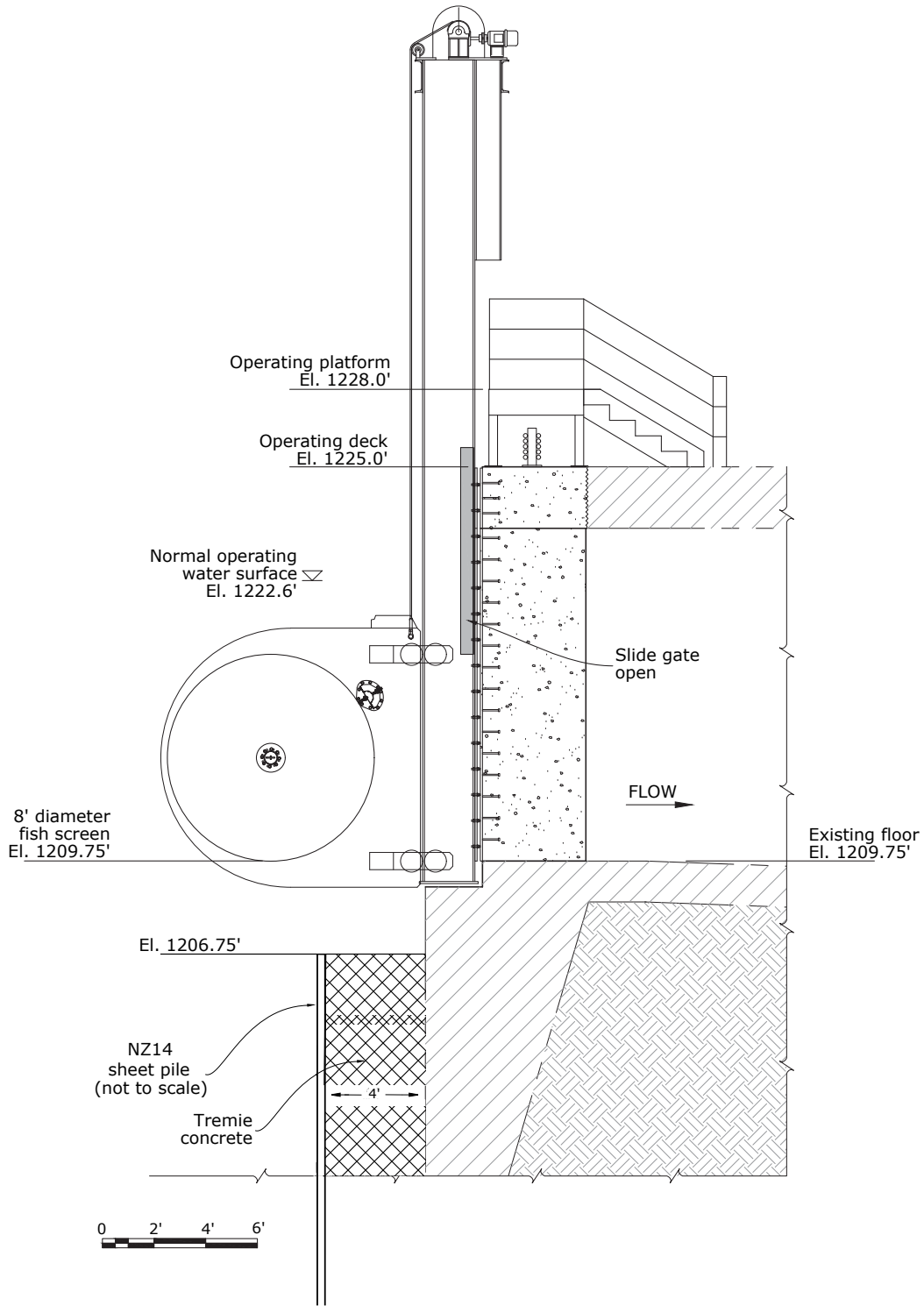
VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 11 OF 12

FISH SCREEN REPLACEMENT - GENERAL ARRANGEMENT - TYPICAL ALL SCREEN ASSEMBLIES LOWERED POSITION



VOLUME/AREA BELOW OHWM	VALUE
LENGTH OF PROJECT	467 LF
PERM. FILL (RETAIN SCOUR PROTECTION)	965 CY
PERM. FILL (EXTERNAL FISH SCREENS)	600 CY
TEMP. DEWATERED AREA	2150 SF
TEMP. FILL (SHEET PILES)	11 CY
DISPLACED SCREED SEDIMENT	345 CY

PROJECT: ROZA FISH SCREEN REPLACEMENT
APPLICANT: RECLAMATION
ADJACENT PROPERTY OWNER: SEE JARPA
CORPS REFERENCE NO.:

LAT/LONG: 46.7502356°N, 120.4661533°W
PLSS: S32 AND 33, T15N, R19E
WATERBODY: YAKIMA RIVER

CITY: YAKIMA
COUNTY: KITTITAS **STATE:** WA
DATE: APRIL 2022
SHEET: 12 OF 12