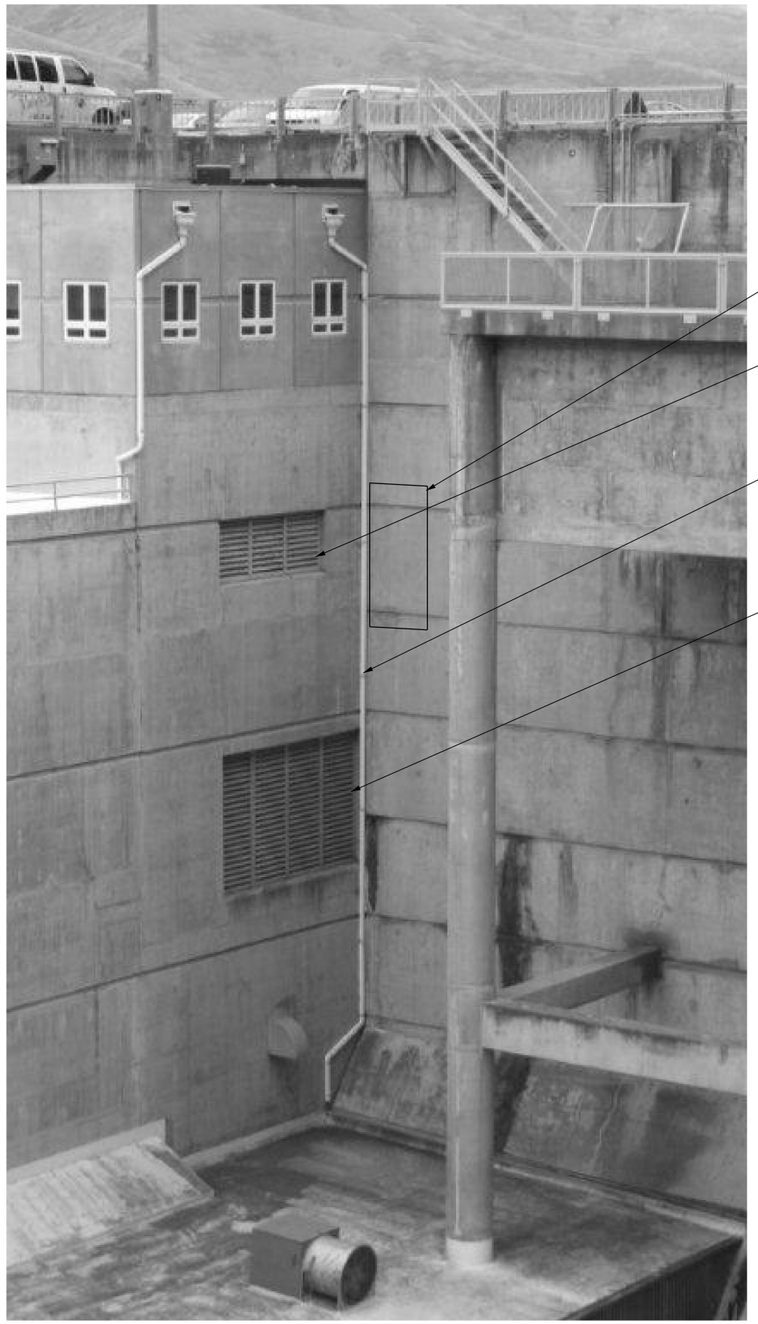


REF G-101 (1) AIR INTAKE LOCATION
NOT TO SCALE

NOTES:

1. PROTECT POWERHOUSE AIR INTAKE FROM CONSTRUCTION DUST, DIRT, FUMES, DEBRIS ETC. SEE SPECIFICATION SECTION 01.11.01.00.28 SUPPLEMENTARY REQUIREMENTS PARAGRAPH "AIR PURITY CONTROL INSIDE THE DAM", FOR ADDITIONAL INFORMATION.

2. TEMPORARILY RELOCATE EXISTING POLYETHYLENE DOWNSPOUT DURING DEMOLITION AND CONSTRUCTION RELATED ACTIVITIES OF THE COLLECTION AND TRANSPORTATION CHANNELS AT THE FACE OF THE DAM. REASSEMBLE AND REATTACH DOWNSPOUT AT COMPLETION OF WORK IN THIS AREA.

US Army Corps of Engineers
Walla Walla District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

DESIGNED BY: C. BEEN
DWN. BY: PARSONS
CHECK. BY: C. BEEN
SUBMITTED BY: YVONNE GIBBONS, PE CHIEF GEOTECH DES. SEC.
DATE: 23 JUNE 2014
SOLICITATION NO.: 14-B-0006
CONTRACT NO.: 14-C-0024
FILE NO.: GDG-1-0-1/605

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WALLA WALLA, WASHINGTON

LOWER GRANITE LOCK AND DAM
SNAKE RIVER, OREGON, WASHINGTON AND IDAHO
JUVENILE FISH FACILITY UPGRADE - PHASE 1A
GENERAL SITE
POWERHOUSE
AIR INTAKE AND EXHAUST VENT LOCATION PHOTO

Sheet number:
G-901
VOLUME 1

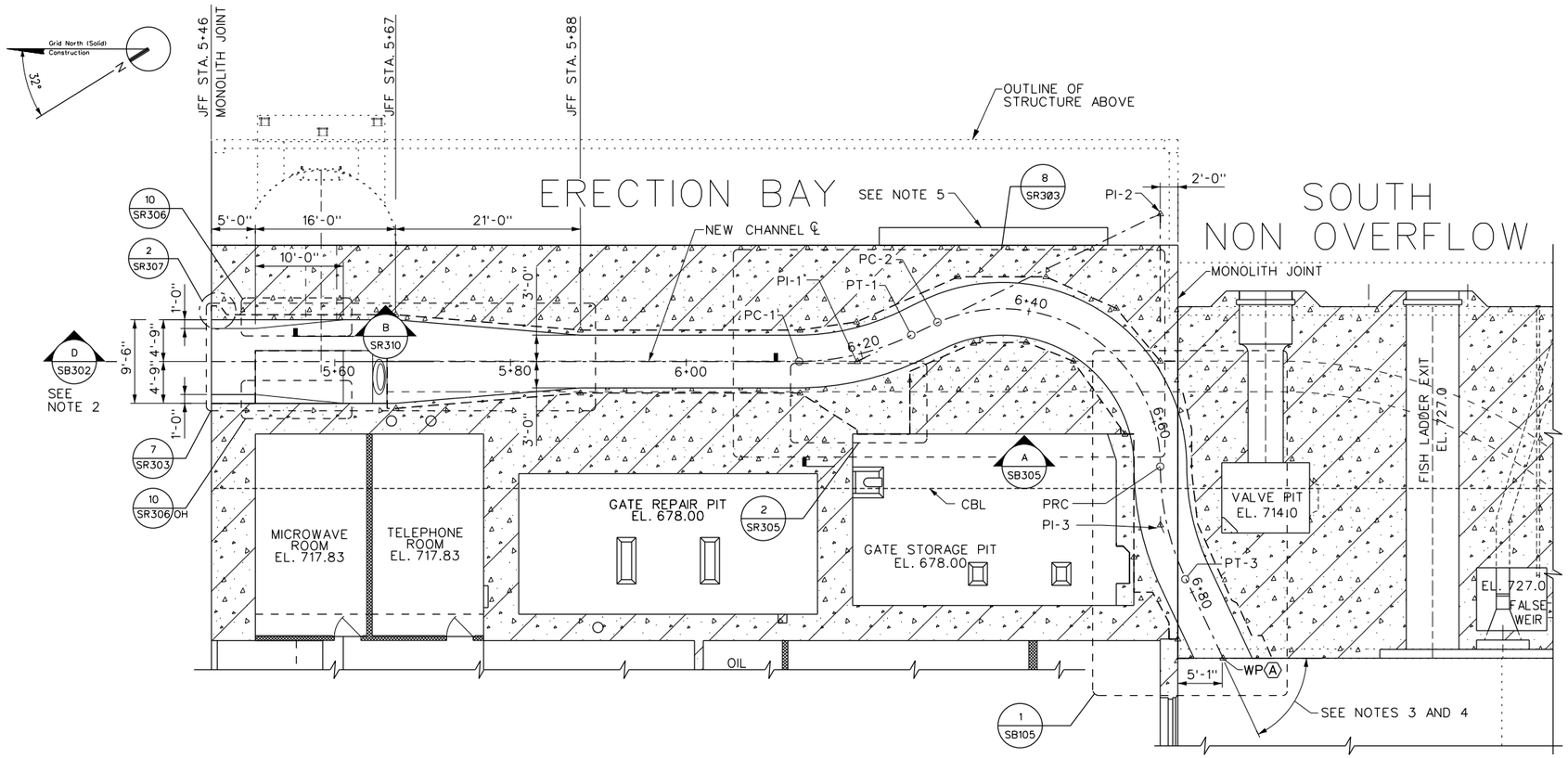
L:\LLA\CAD\LJFF\LJFF-V1-G-901---.DGN

BORDER SIZE IS ANSI D

9:16:08 AM DATE AND TIME PLOTTED:5/11/2015

DESIGN FILE: L:\LLA\CAD\LJFF\LJFF-V1-G-901---.DGN

SCALE$SCALE$



REF S-101 (4) PARTIAL PLAN – ERECTION BAY AND SOUTH NON OVERFLOW

POWERHOUSE ERECTION BAY
EL. 728.00 PLAN

0' 8' 16'

NOTES:

1. FOR GENERAL AND STRUCTURAL NOTES SEE S-001.
2. SECTION D IS ALONG THE CENTERLINE OF THE NEW CHANNEL.
3. SEE ALIGNMENT TABLE ON C-101 FOR ALIGNMENT PLAN GEOMETRY.
4. FOR CONTINUATION OF CHANNEL BEYOND WORK POINT A SEE VOLUME 3.
5. FOREBAY PROTECTION BULKHEAD TO REMAIN IN PLACE UNTIL COLLECTION CHANNEL CONCRETE HAS REACHED ITS 28-DAY COMPRESSIVE STRENGTH.

LEGEND:

- NEW ITEMS
- EXISTING ITEMS
- LIMITS OF DEMOLITION
- NEW CONCRETE
- EXISTING CONCRETE

MARCUS R. YONKIEN
STATE OF WASHINGTON
21882
REGISTERED
PROFESSIONAL ENGINEER

US Army Corps of Engineers
Walla Walla District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

DESIGNED BY: MRV
DWN. BY: LN
CHKED. BY: JMS
SUBMITTED BY:
DATE: 23 JUNE 2014
SOLICITATION NO. 14-B-0006
CONTRACT NO. 14-C-0024
FILE NO.: GDP-1-5-2/66

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WALLA WALLA, WASHINGTON

JACOBS
600 108TH AVE. N.E., SUITE 700
BELLEVUE, WASHINGTON 98004

LOWER GRANITE LOCK AND DAM
SNAKE RIVER, OREGON, WASHINGTON AND IDAHO
JUVENILE FISH FACILITY UPGRADE – PHASE 1A
UPPER FACILITY – IN DAM
COLLECTION CHANNEL
PARTIAL PLAN – ERECTION BAY AND SOUTH NON-OVERLOW

Sheet number:
SB104
VOLUME 2

ANSI D

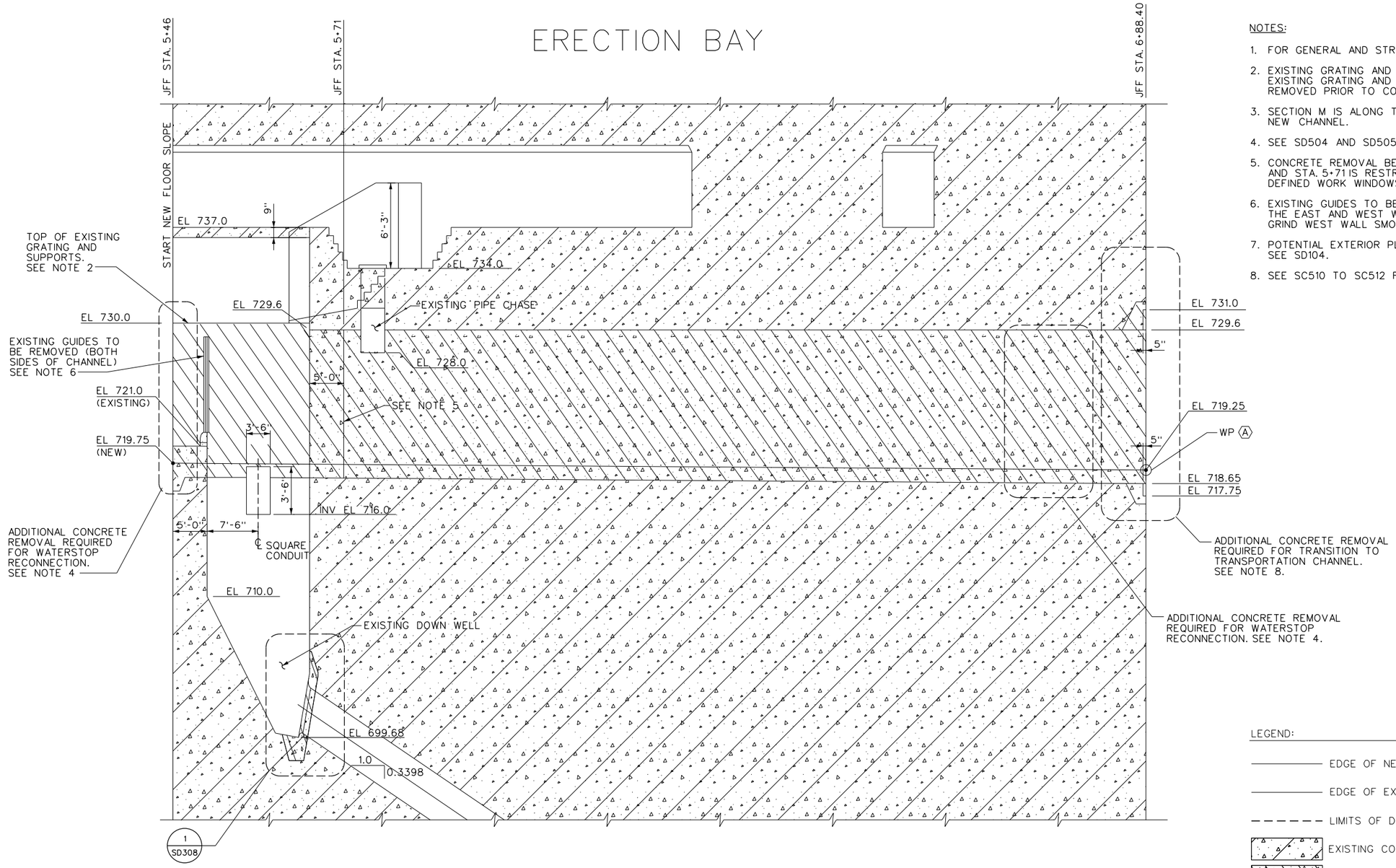
L:\LLA\CAD\LJFF\LJFF-V2-SB104JEG.DGN

BORDER SIZE IS ANSI D

9:18:51 AM DATE AND TIME PLOTTED:5/11/2015

DESIGN FILE: L:\LLA\CAD\LJFF\LJFF-V2-SB104JEG.DGN

SCALE$SCALE$



NOTES:

1. FOR GENERAL AND STRUCTURAL NOTES SEE S-001.
2. EXISTING GRATING AND SUPPORTS NOT SHOWN. EXISTING GRATING AND SUPPORTS TO BE REMOVED PRIOR TO CONCRETE DEMOLITION.
3. SECTION M IS ALONG THE CENTERLINE OF THE NEW CHANNEL.
4. SEE SD504 AND SD505 FOR WORK AT UNIT JOINTS.
5. CONCRETE REMOVAL BETWEEN JFF STA. 0+00 AND STA. 5+71 IS RESTRICTED TO CONTRACT DEFINED WORK WINDOWS. SEE SPECIFICATIONS.
6. EXISTING GUIDES TO BE REMOVED FROM BOTH THE EAST AND WEST WALLS. CONTRACTOR TO GRIND WEST WALL SMOOTH AFTER GUIDE REMOVAL.
7. POTENTIAL EXTERIOR PLATFORM NOT SHOWN. SEE SD104.
8. SEE SC510 TO SC512 FOR TRANSITION DETAILS.

LEGEND:

- EDGE OF NEW CONCRETE
- EDGE OF EXISTING CONCRETE
- LIMITS OF DEMOLITION
- EXISTING CONCRETE
- EXISTING CONCRETE TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED BEYOND THE CUT PLANE

REF SD104 SD305 SEE NOTE 3 — M — SECTIONAL ELEVATION

0' 8' 16' HORIZONTAL
0' 4' 8' VERTICAL

US Army Corps of Engineers
Walla Walla District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

DESIGNED BY: MRV
DWN BY: LN
CHKED BY: JMS
SUBMITTED BY:
DATE: 23 JUNE 2014
SOLICITATION NO. 14-B-0006
CONTRACT NO. 14-C-0024
FILE NO. GDP-1-5-2/52

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WALLA WALLA, WASHINGTON

JACOBS
600 108TH AVE. N.E., SUITE 700
BELLEVUE, WASHINGTON 98004

LOWER GRANITE LOCK AND DAM
SNAKE RIVER, OREGON, WASHINGTON AND IDAHO
JUVENILE FISH FACILITY UPGRADE – PHASE 1A
UPPER FACILITY – IN DAM
COLLECTION CHANNEL
SECTIONAL ELEVATION
ERECTION BAY & S. NON-OVERFLOW

Sheet number:
SD304
VOLUME 2

MARINUS R. VOKKALEN
STATE OF WASHINGTON
21882
REGISTERED PROFESSIONAL ENGINEER

L:\LLA\CAD\LJFF\LJFF-V2-SD304JEG.DGN

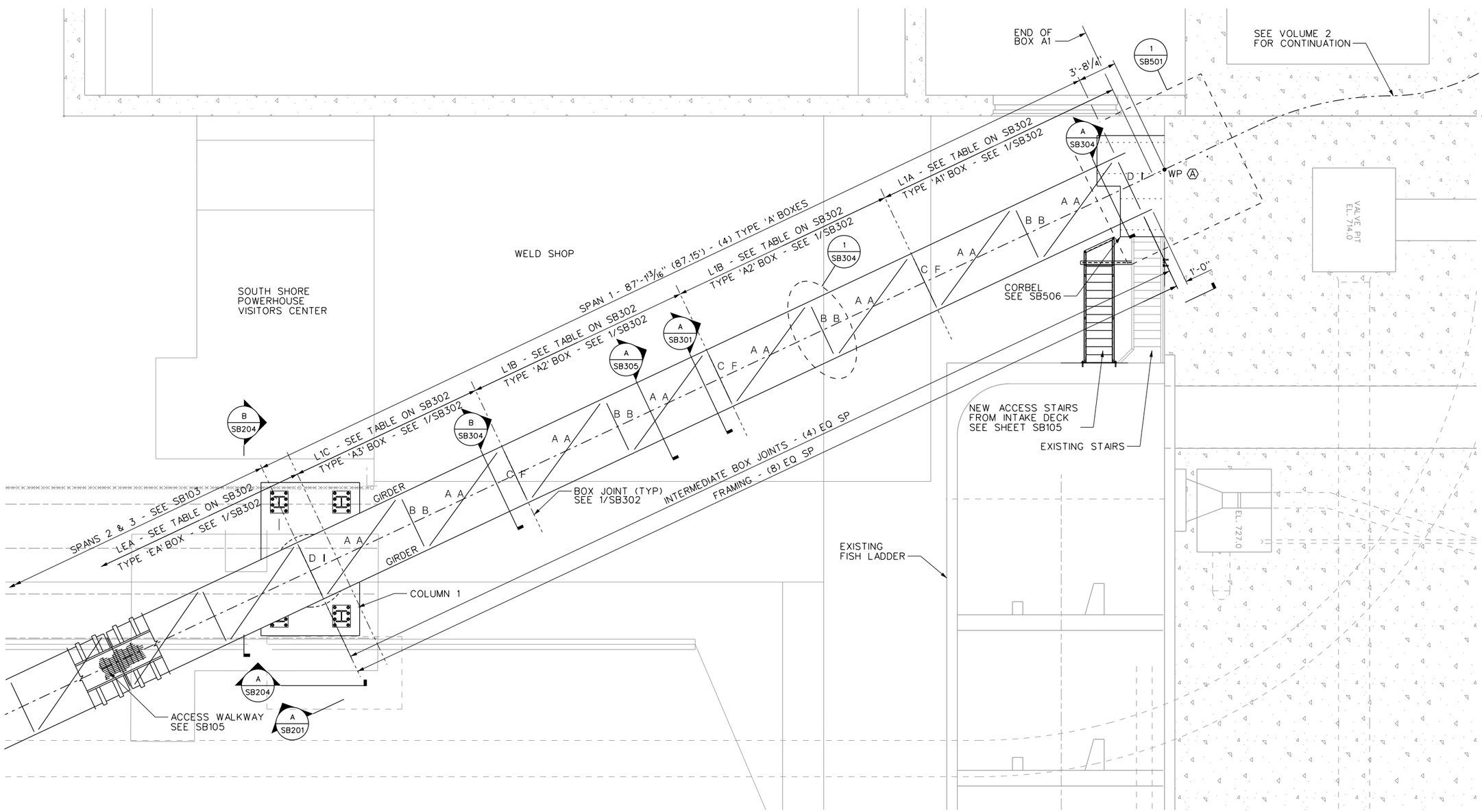
ANSI D

BORDER SIZE IS ANSI D

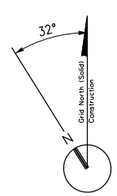
9:17:40 AM DATE AND TIME PLOTTED:5/11/2015

DESIGN FILE: L:\LLA\CAD\LJFF\LJFF-V2-SD304JEG.DGN

SCALE$SCALE$



DESIGNATOR	SECTION / SHAPE SIZE
A A	WT5x15
B B	WT5x11
C C	WT5x13
C F	CROSS FRAME
D I	DIAPHRAGM



REF SB101 (1) PLAN – SPAN 1

0' 5' 10'

NOTES:

1. SEE VOLUME 3, SHEET SB101 NOTES.
2. FOR ALLOWABLE GIRDER FIELD SPLICE LOCATIONS, SEE SB201 THRU SB203.

US Army Corps of Engineers
Walla Walla District

Symbol	Description	Date	Appr.	Symbol	Description	Date	Appr.

DESIGNED BY: A. HAMMOND
DWN. BY: SHENEFIELD
CHKD. BY: LOMELAND
SUBMITTED BY: DANIELLE STEPHENS, PE CHIEF STRUCT. DES. SEC.
DATE: 23 JUNE 2014
SOLICITATION NO.: 14-B-0006
CONTRACT NO.: 14-C-0024
FILE NO.: GDF-1-5-10/33

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WALLA WALLA, WASHINGTON

LOWER GRANITE LOCK AND DAM
SNAKE RIVER, OREGON, WASHINGTON AND IDAHO
JUVENILE FISH FACILITY UPGRADE – PHASE 1A
INTERMEDIATE FACILITY

TRANSPORTATION CHANNEL
SPAN 1 – FRAMING PLAN

Sheet number:
SB102
VOLUME 3

L:\LLA\CAD\LJFF\LJFF-V3-SB102---.DGN

BORDER SIZE IS ANSI D

9:20:08 AM DATE AND TIME PLOTTED:5/11/2015

DESIGN FILE:L:\LLA\CAD\LJFF\LJFF-V3-SB102---.DGN

SCALE$SCALE$