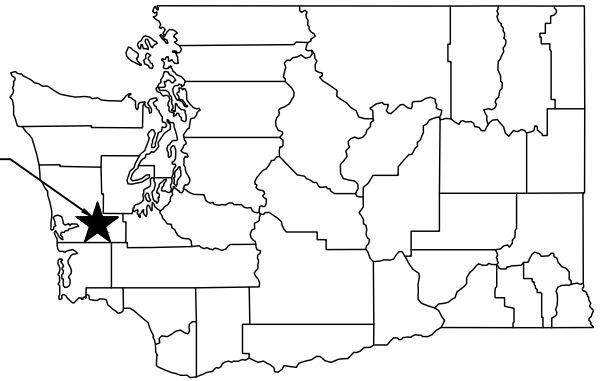
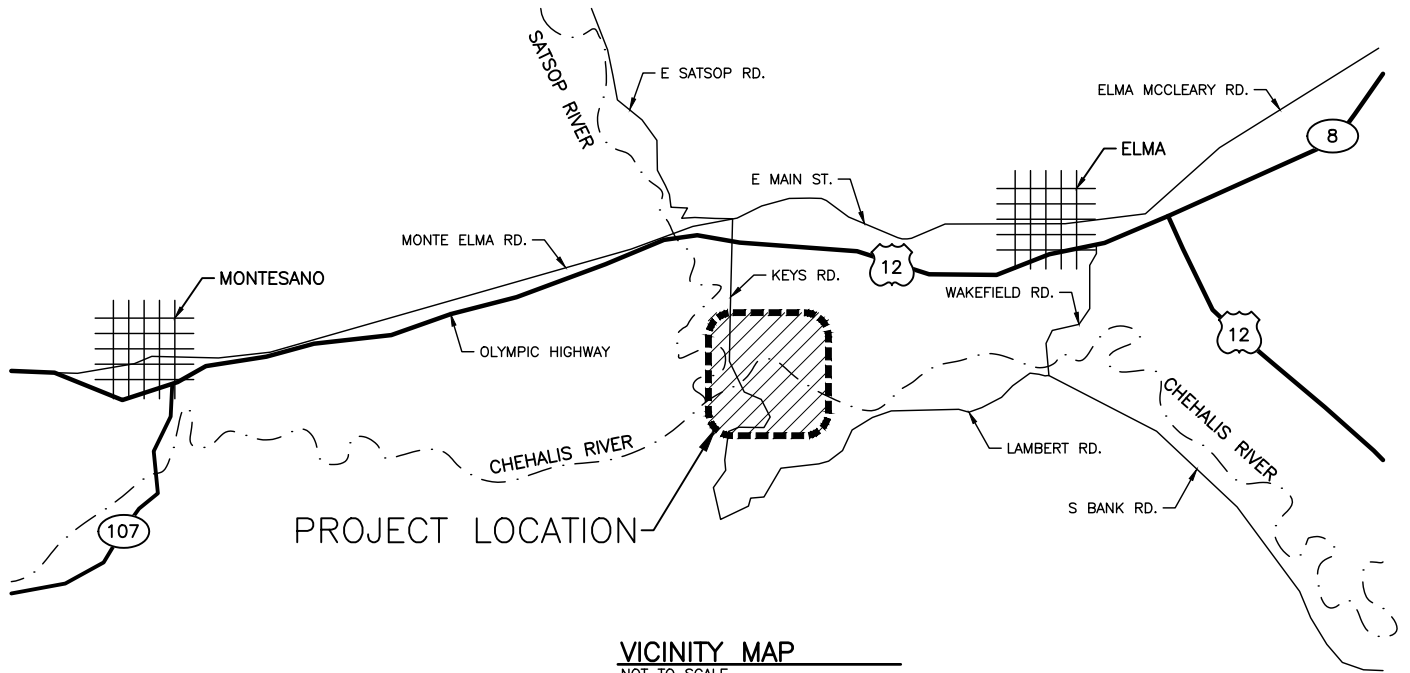




FULLER BRIDGE ACCESS AREA
PROJECT LOCATION



STATE MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

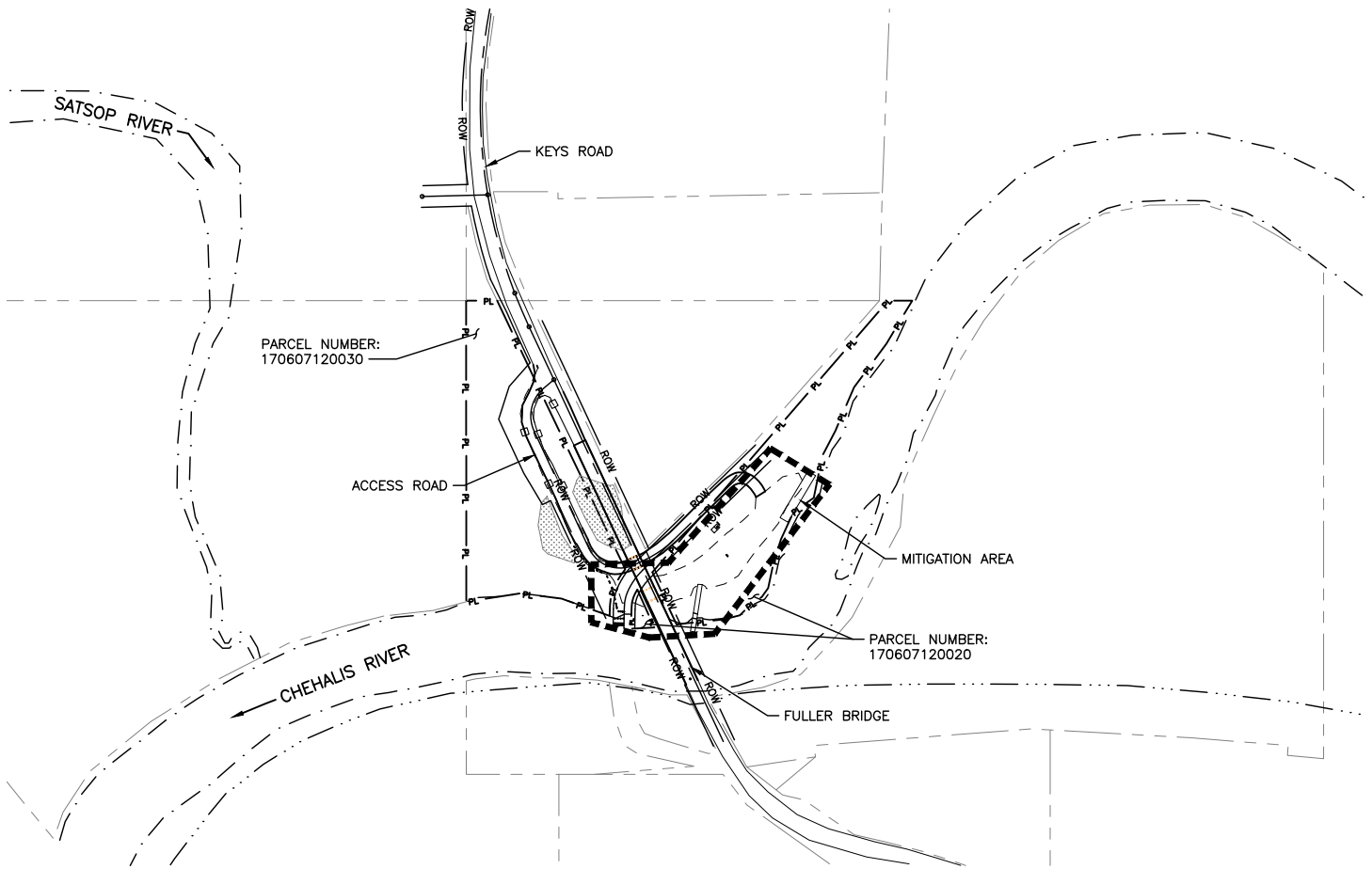
DIRECTIONS
FROM ELMA, HEAD WEST ON US HIGHWAY 12 TOWARD MONTESANO. IN 3.9 MILES, TURN LEFT ONTO KEYS ROAD. IN 1.5 MILES, THE FULLER BRIDGE BOAT LAUNCH WILL BE ON THE RIGHT.

ENG. PROJECT NO. GH:A88:2022-1 PORTION OF: SEC. 6, T. 17N., R. 6W., W.M. DRAWN BY: C.T./ S. GOODWIN

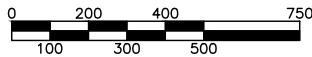
REFERENCE NUMBER: -----	PROJECT LOCATION (ADDRESS): FULLER BRIDGE 211 KEYS RD. SATSOP, WA	PROPOSED PROJECT: FULLER BRIDGE ACCESS REDEVELOPMENT
APPLICANT: WASHINGTON DEPT. of FISH & WILDLIFE 600 CAPITOL WAY N. OLYMPIA, WA 98501-1091	LAT/LONG: 46.978889 / -123.478556	IN: CHEHALIS RIVER
ADJACENT PROPERTY OWNER: 1. PRIVATE 2. PORT OF GRAYS HARBOR	DATUM: NAVD'88 SHEET 1 OF 13 DATE: 10/18/2022	NEAR/AT: ELMA COUNTY: GRAYS HARBOR STATE: WA



NOTE:
 ENTIRE SITE IS LOCATED IN ZONE A 100
 YEAR FLOOD PLAIN, NAVD 88 LISTED AS
 DATUM. FEMA FLOOD MAP SHOWING FIRM
 PANEL NO. 53027C0976E



PROJECT AREA SITE PLAN



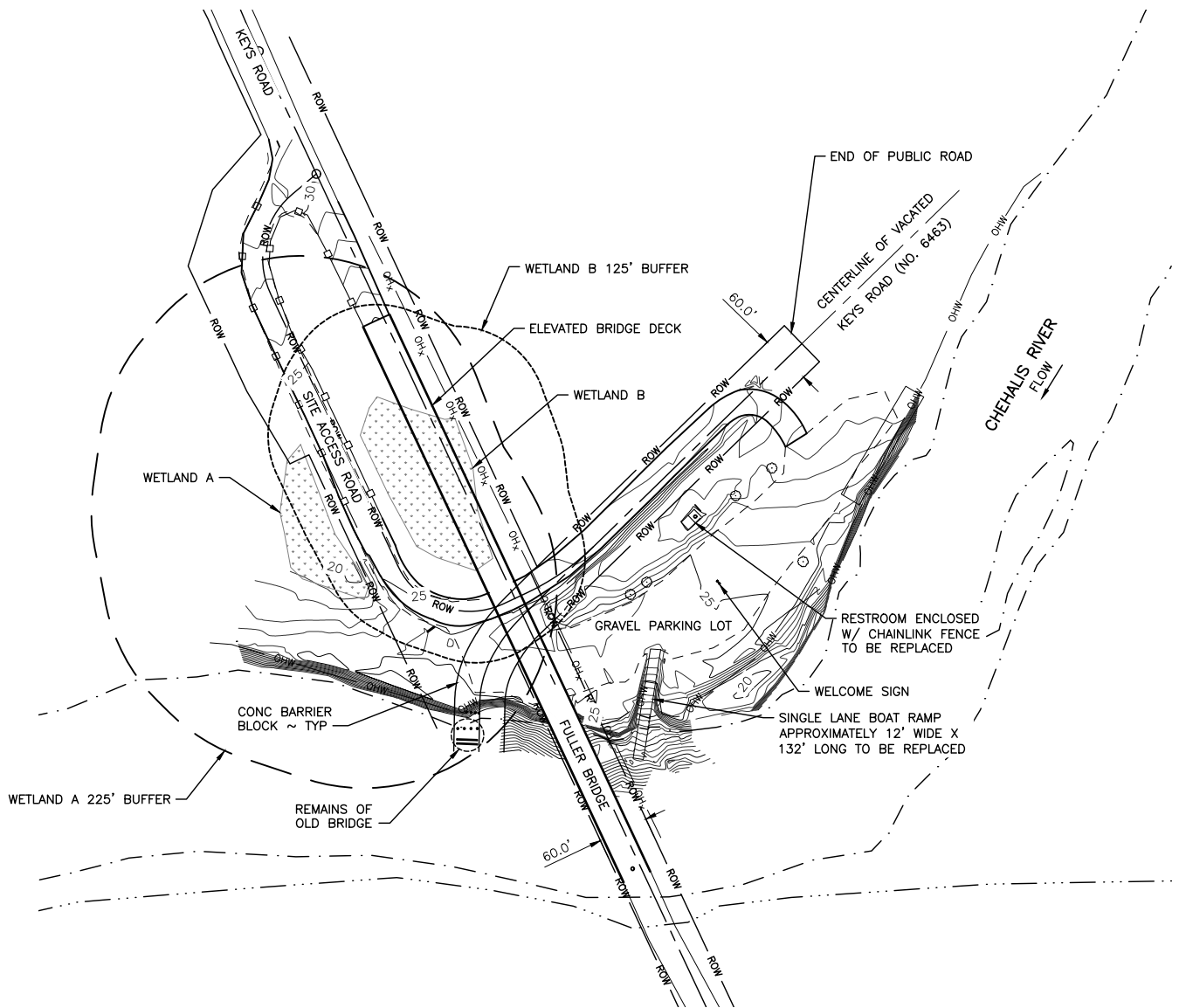
SCALE: 1" = 500'

PARCEL NUMBERS:
 170607120020
 170607120030
 OWNER: WDFW
 600 CAPITAL WAY N
 OLYMPIA, WA 98501

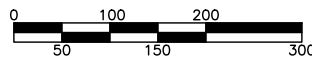
LEGEND

- PL — PROPERTY LINE
- - - GRAVEL ROAD
- — — AREA OF WORK
- · · · · ADJACENT PROPERTY
- · - · - FEMA 100 YR FLOOD PLAIN

REFERENCE NUMBER: - - - - -
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 2 OF 13 DATE: 10/18/2022



EXISTING SITE PLAN

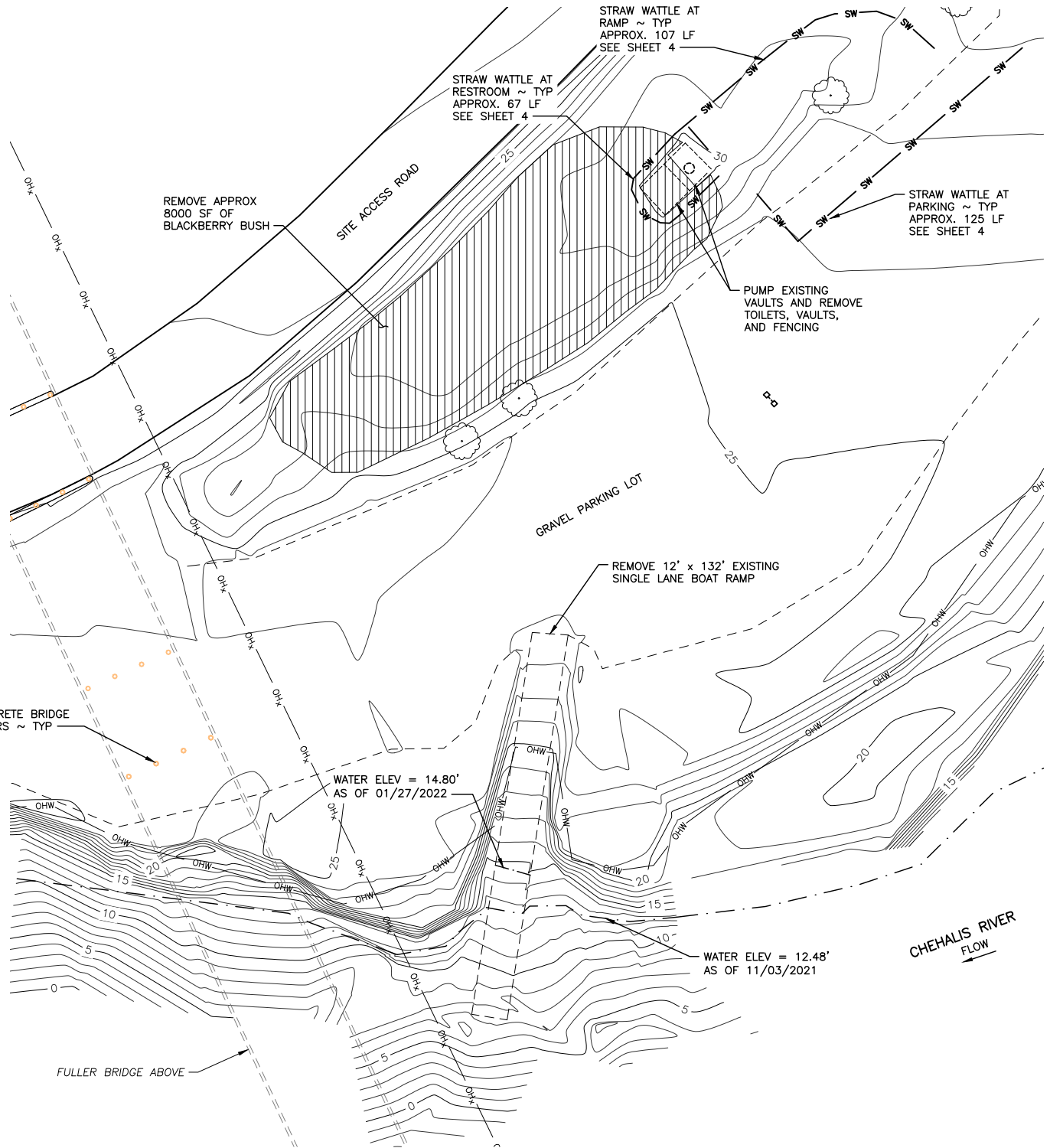


SCALE: 1" = 200'

LEGEND

- EDGE OF PAVEMENT
- - - - - EDGE OF GRAVEL
- · - · - · - FEMA 100 YR FLOOD PLAIN
- - □ GUARDRAIL
- OH — ORDINARY HIGH WATER
- OH_x — OVERHEAD POWER
- ROW — RIGHT OF WAY
- · - · - · - WATERS EDGE
- WETLAND A BUFFER 225'
- - - - - WETLAND B BUFFER 125'

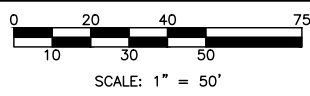
REFERENCE NUMBER: - - - - -
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 3 OF 13 DATE: 10/18/2022



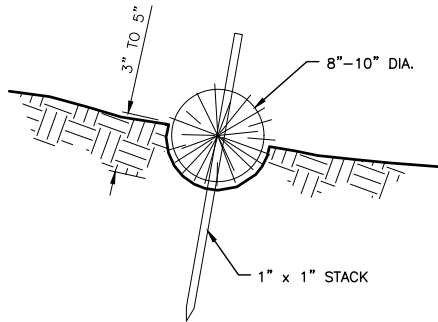
LEGEND

- EDGE OF PAVEMENT
- - - EDGE OF GRAVEL
- □ — GUARDRAIL
- OHW — ORDINARY HIGH WATER
- - - - - WATERS EDGE

EROSION CONTROL AND DEMOLITION PLAN



REFERENCE NUMBER: - - - - -
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 4 OF 13 DATE: 10/18/2022



STRAW WATTLE DETAIL
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS:

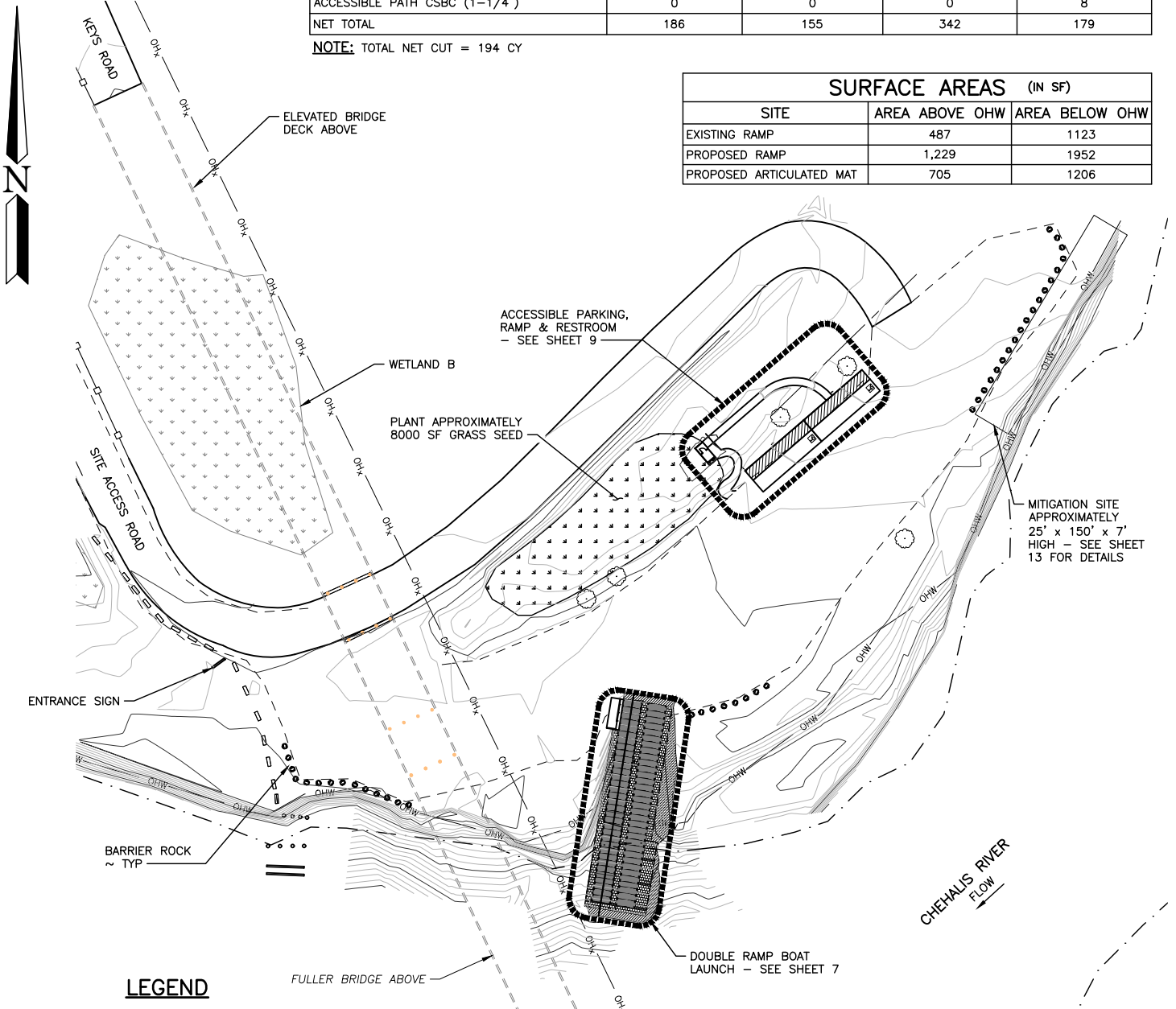
1. PREPARE THE SLOPE BEFORE THE WATTLING PROCEDURE IS STARTED.
2. SHALLOW GULLIES SHOULD BE SMOOTHED AS WORK PROGRESSES.
3. DIG SMALL TRENCHES ACROSS THE SLOPE ON CONTOUR, TO PLACE ROLLS IN. THE TRENCH SHOULD BE DEEP ENOUGH TO ACCOMMODATE HALF THE THICKNESS OF THE ROLL. WHEN THE SOIL IS LOOSE AND UNCOMPACTED, THE TRENCH SHOULD BE DEEP ENOUGH TO BURY THE ROLL 2/3 OF ITS THICKNESS BECAUSE THE GROUND WILL SETTLE.
4. IT IS CRITICAL THAT ROLLS ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
5. START BUILDING TRENCHES AND INSTALL ROLLS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
6. CONSTRUCT TRENCHES AT CONTOUR INTERVALS OF 3-12 FEET APART DEPENDING ON STEEPNESS OF SLOPE. THE STEEPER THE SLOPE, THE CLOSER TOGETHER THE TRENCHES. 1:1=10' 2:1=20' 3:1=30' 4:1=40'
7. LAY THE ROLL ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE.
8. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE WATTLE AND INTO THE SOIL FOR THE WILLOW OR WOODEN STAKES.
9. DRIVE THE STAKE THROUGH PREPARED HOLE INTO SOIL. LEAVE ONLY 1 OR 2 INCHES OF STAKE EXPOSED ABOVE ROLL.
10. IF USING WILLOW STAKES REFER TO LIVE STAKING BEST MANAGEMENT PRACTICES.
11. INSTALL STAKES AT LEAST EVERY 4 FEET APART THROUGH THE WATTLE. ADDITIONAL STAKES MAY BE DRIVEN ON THE DOWNSLOPE SIDE OF THE TRENCHES ON HIGHLY EROSION OR VERY STEEP SLOPES.
12. INSPECT THE STRAW ROLLS AND THE SLOPES AFTER SIGNIFICANT STORMS. MAKE SURE THE ROLLS ARE IN CONTACT WITH THE SOIL.
13. REPAIR ANY RILLS OR GULLYS PROMPTLY.
14. RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL THE SLOPE IS STABILIZED.

REFERENCE NUMBER: -----
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 5 OF 13 DATE: 10/18/2022

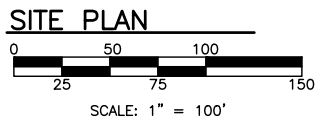
MATERIAL QUANTITIES (IN CY)				
MATERIALS	CUT BELOW OHW	FILL BELOW OHW	CUT ABOVE OHW	FILL ABOVE OHW
NATIVE MATERIAL	180	0	329	0
LAUNCH PLANKS & ARTICULATED MAT	6	58	13	38
LAUNCH CSTC (5/8" MINUS)	0	39	0	26
LAUNCH CSBC (1-1/4")	0	58	0	39
ACCESSIBLE PARKING PAD ASPHALT	0	0	0	19
ACCESSIBLE PARKING PAD CSTC (5/8" MINUS)	0	0	0	13
ACCESSIBLE PARKING PAD CSBC (1-1/4")	0	0	0	24
ACCESSIBLE PATH ASPHALT	0	0	0	7
ACCESSIBLE PATH CSTC (5/8" MINUS)	0	0	0	5
ACCESSIBLE PATH CSBC (1-1/4")	0	0	0	8
NET TOTAL	186	155	342	179

NOTE: TOTAL NET CUT = 194 CY

SURFACE AREAS (IN SF)		
SITE	AREA ABOVE OHW	AREA BELOW OHW
EXISTING RAMP	487	1123
PROPOSED RAMP	1,229	1952
PROPOSED ARTICULATED MAT	705	1206

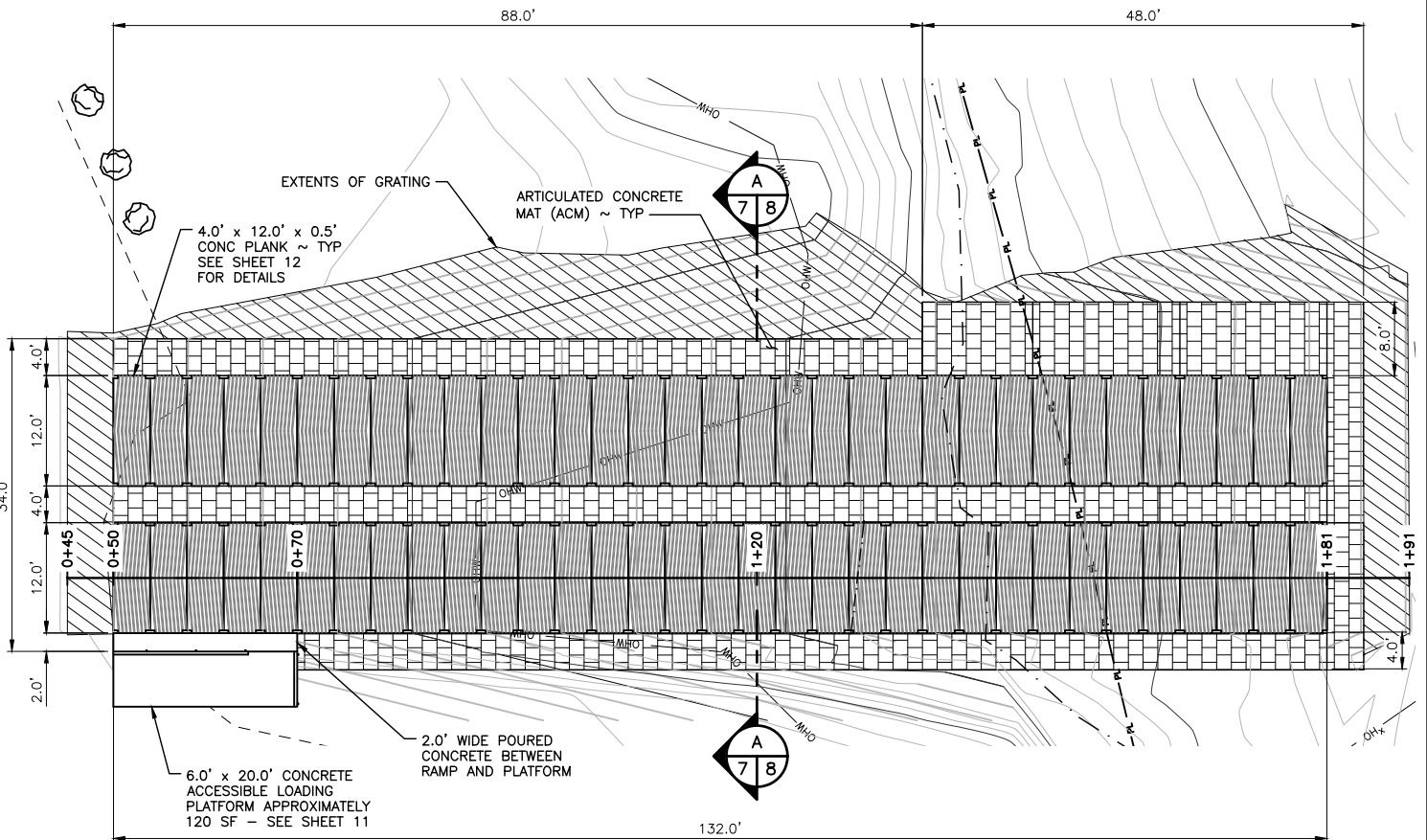


- LEGEND**
- EDGE OF PAVEMENT
 - - - EDGE OF GRAVEL
 - GUARDRAIL
 - OHW — ORDINARY HIGH WATER
 - - - WATERS EDGE

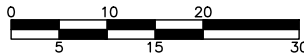


REFERENCE NUMBER: _____
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 6 OF 13 DATE: 10/18/2022

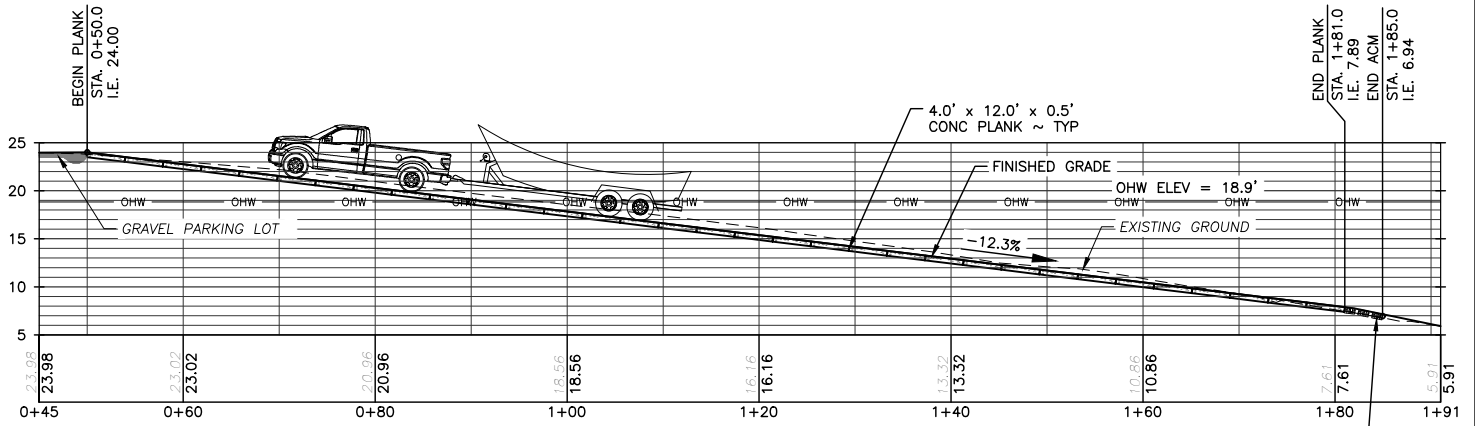
NOTE: DIMENSIONS SHOWN ARE AT TRUE HORIZONTAL. ANY SLOPED DISTANCES WILL BE DIFFERENT



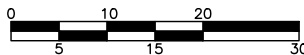
DOUBLE RAMP BOAT LAUNCH



SCALE: 1" = 20'



BOAT LAUNCH PROFILE

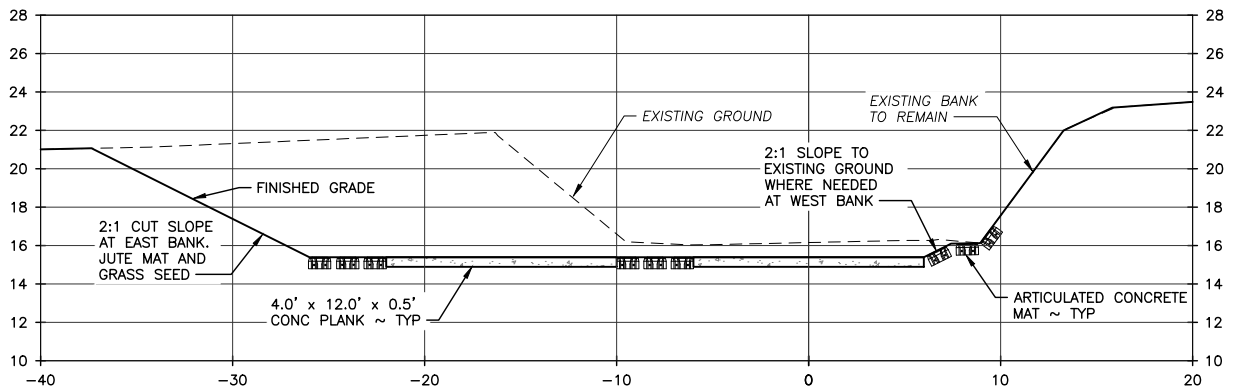


SCALE: 1" = 20'

LEGEND

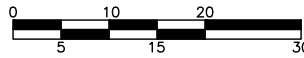
— OHW — ORDINARY HIGH WATER

REFERENCE NUMBER: -----
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 7 OF 13 DATE: 10/18/2022



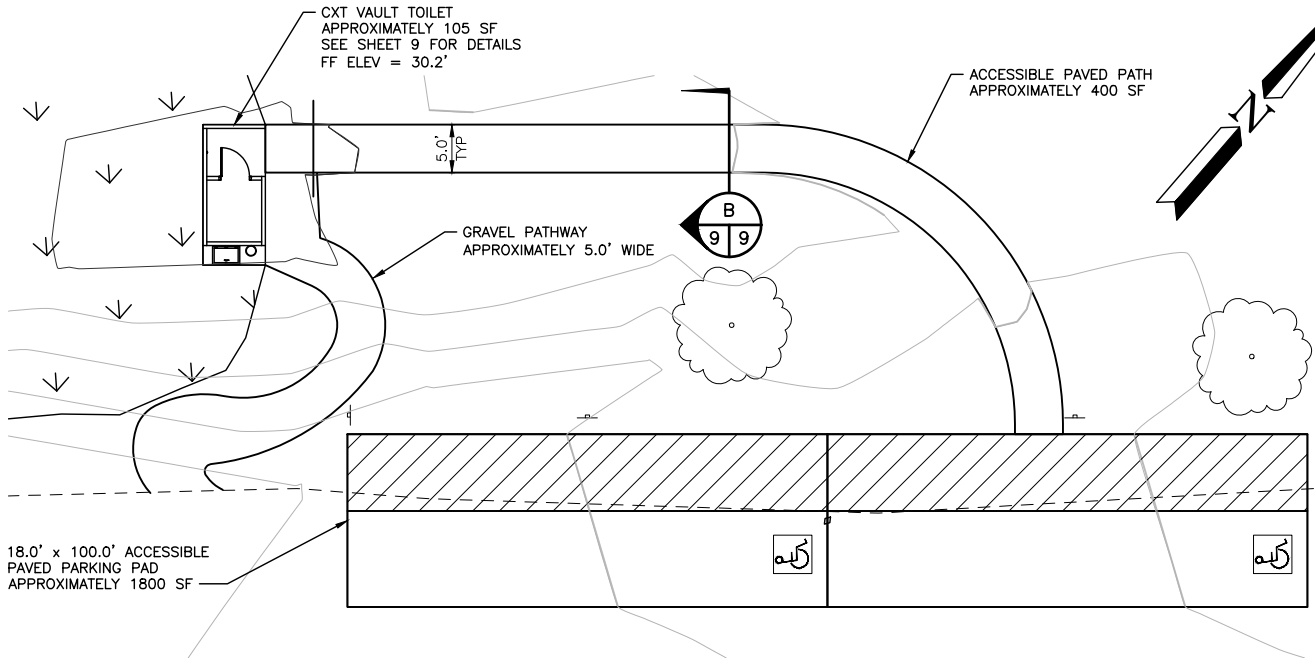
SECTION AT STATION 1+20 A
7 | 8

SCALE: 1" = 10'

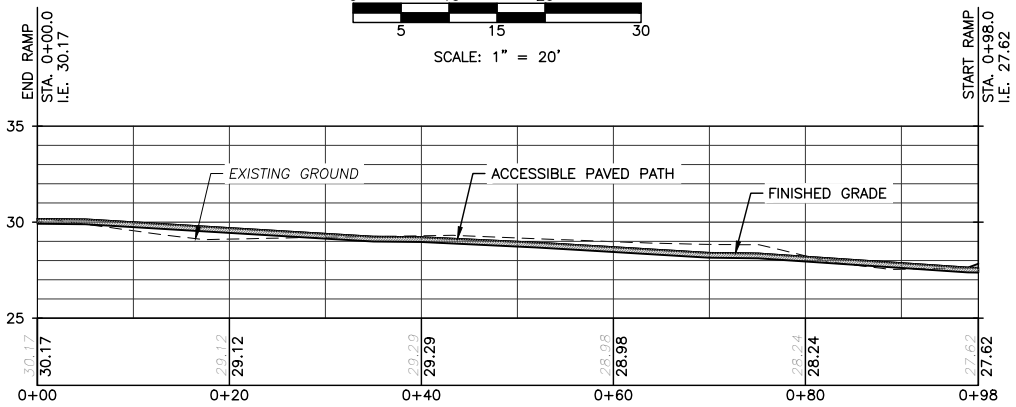
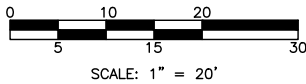


SCALE: 1" = 20'

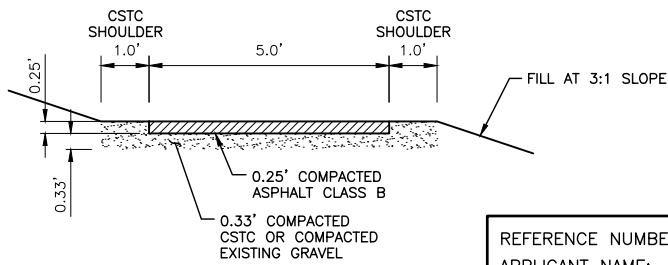
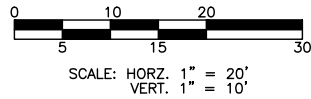
REFERENCE NUMBER: -----
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 8 OF 13 DATE: 10/18/2022



ACCESSIBLE PARKING & ACCESSIBLE PATH PLAN



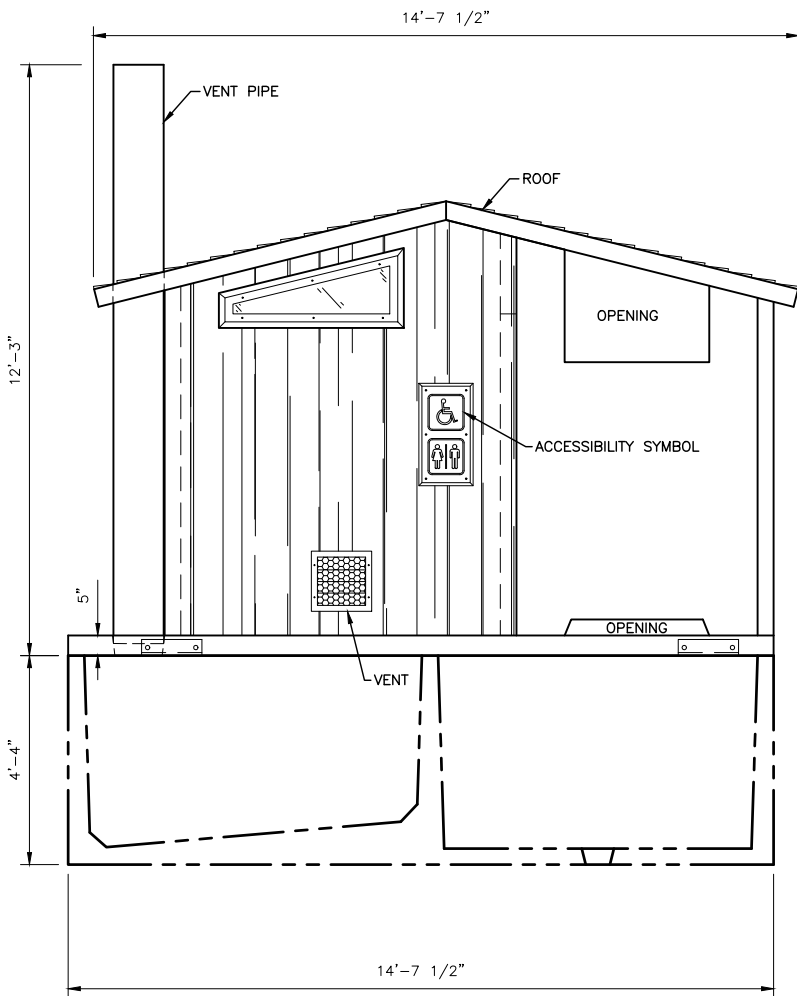
ACCESSIBLE PATH PROFILE



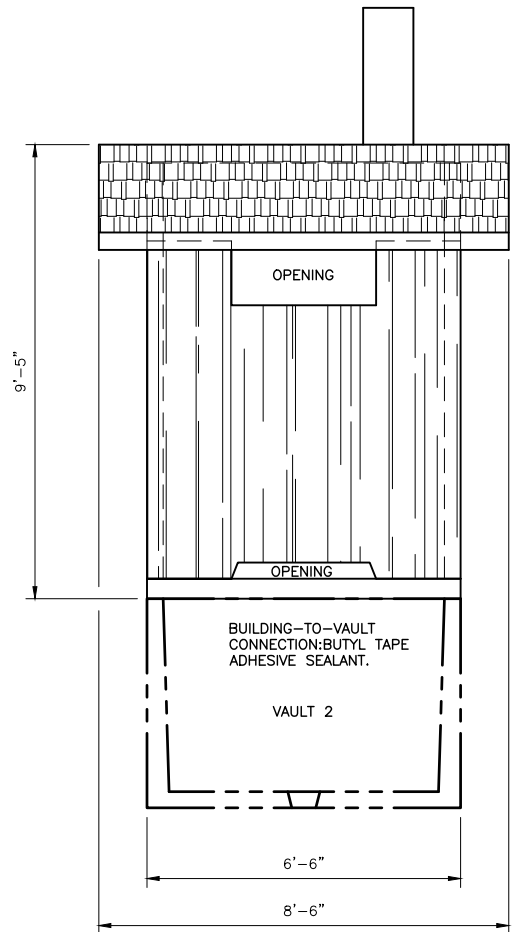
TYPICAL PATH DETAIL
NOT TO SCALE



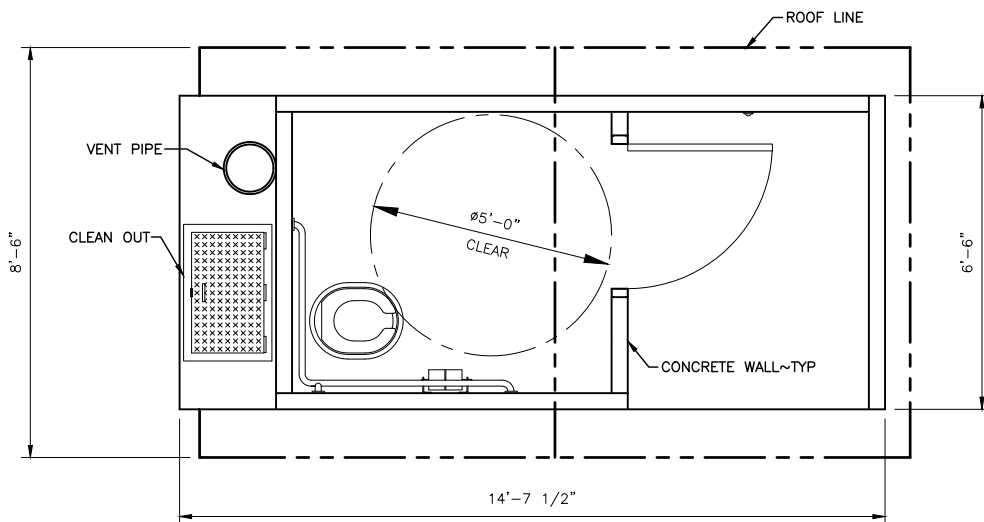
REFERENCE NUMBER: -----
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 9 OF 13 DATE: 10/18/2022



FRONT ELEVATION
NOT TO SCALE

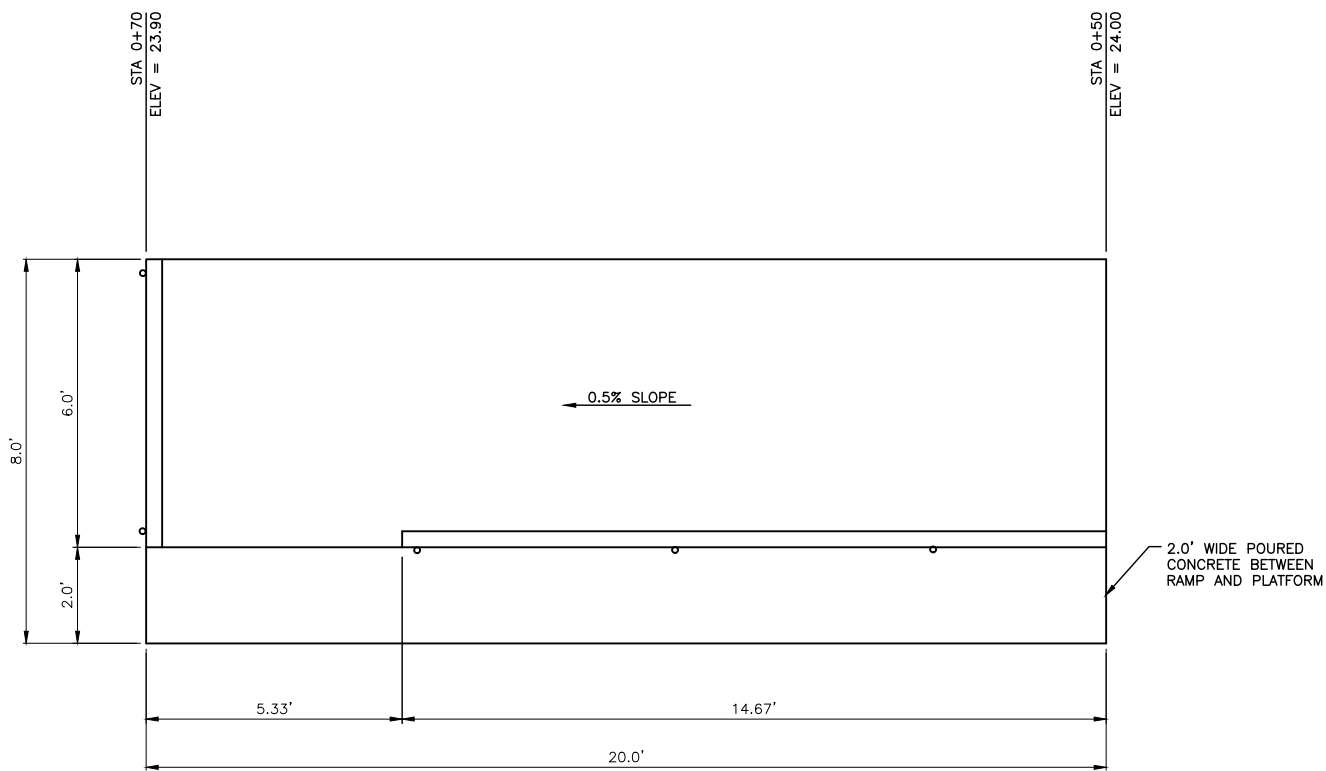


SIDE ELEVATION
NOT TO SCALE

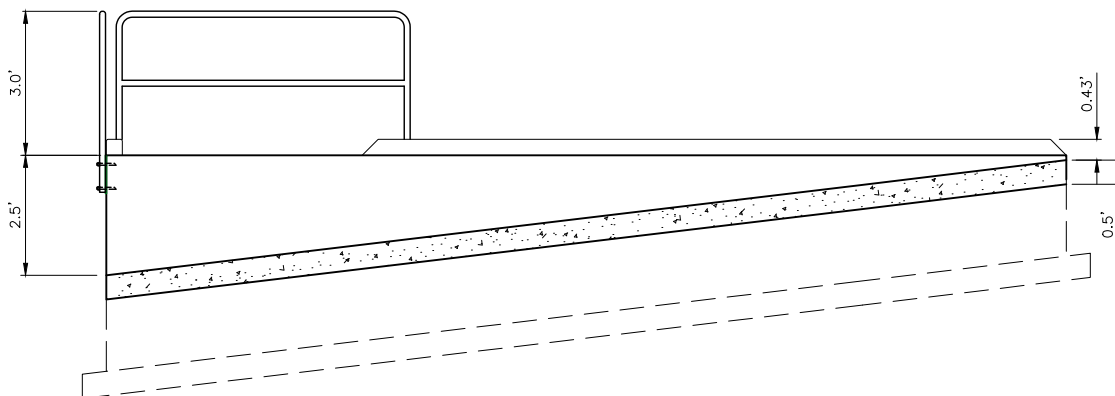


CXT VAULT TOILET PLAN
NOT TO SCALE

REFERENCE NUMBER: -----
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 10 OF 13 DATE: 10/18/2022



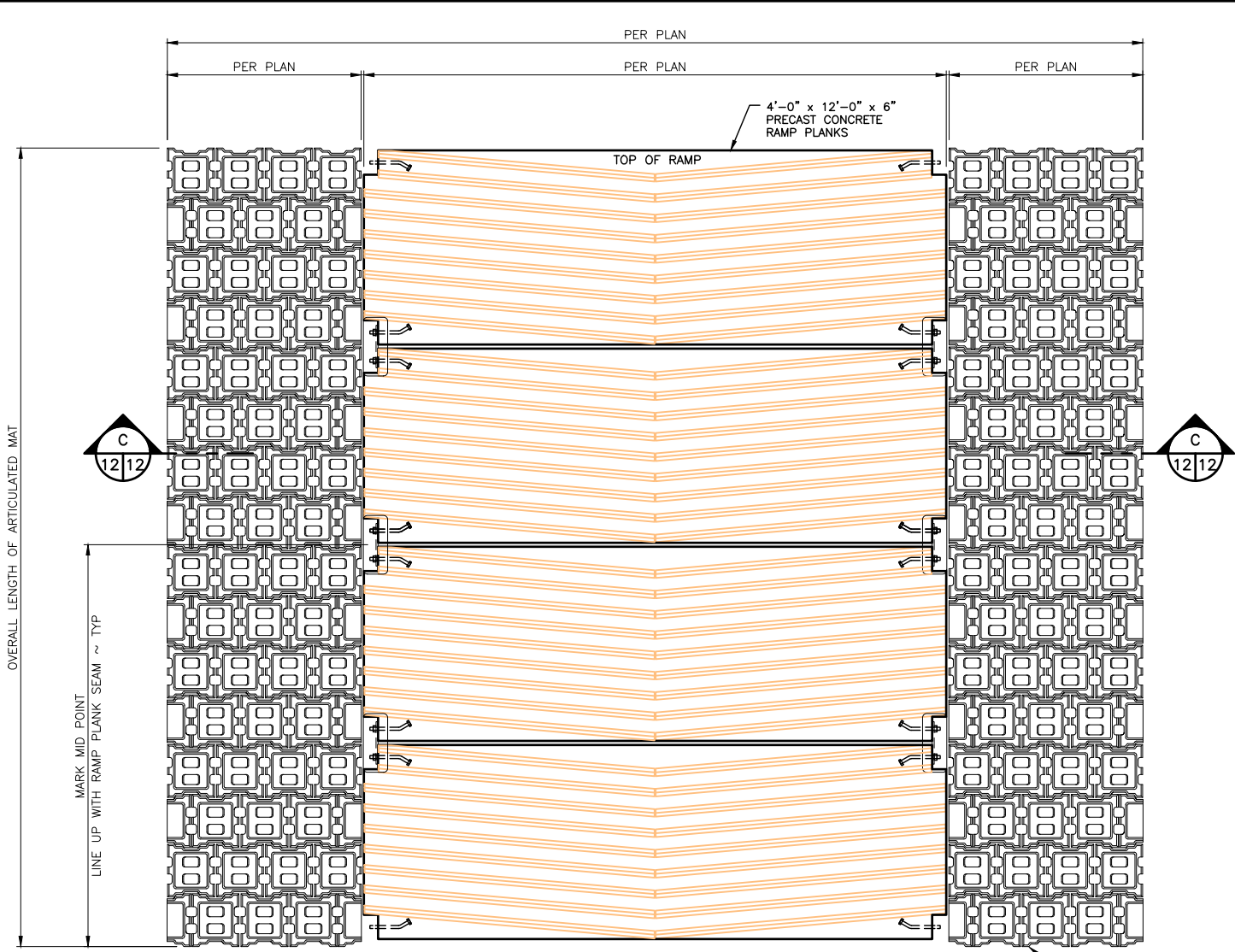
PLAN



ELEVATION

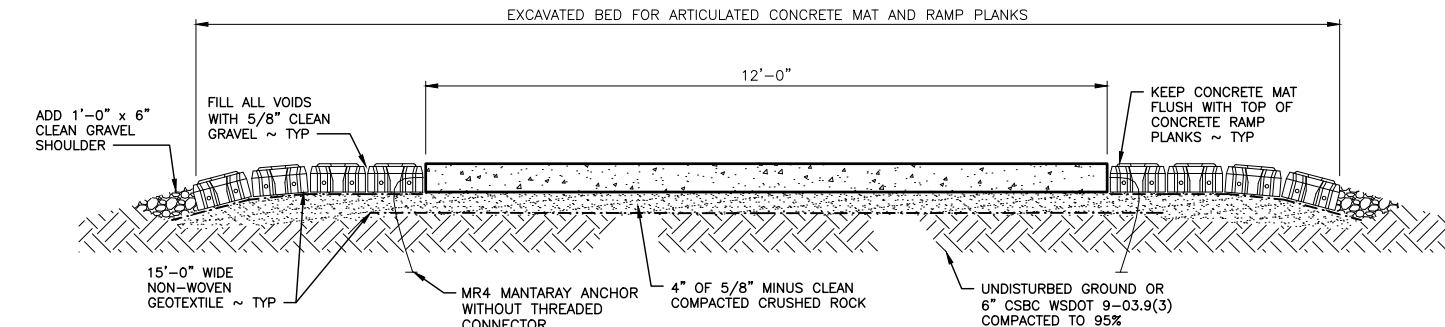
ACCESSIBLE LOADING PLATFORM
NOT TO SCALE

REFERENCE NUMBER: -----
APPLICANT NAME:
WASHINGTON DEPT. of FISH & WILDLIFE
PROPOSED PROJECT:
REDEVELOPMENT
LOCATION: FULLER BRIDGE ACCESS
SHEET 11 OF 13 DATE: 10/18/2022



TYPICAL RAMP PLANK PLAN
NOT TO SCALE

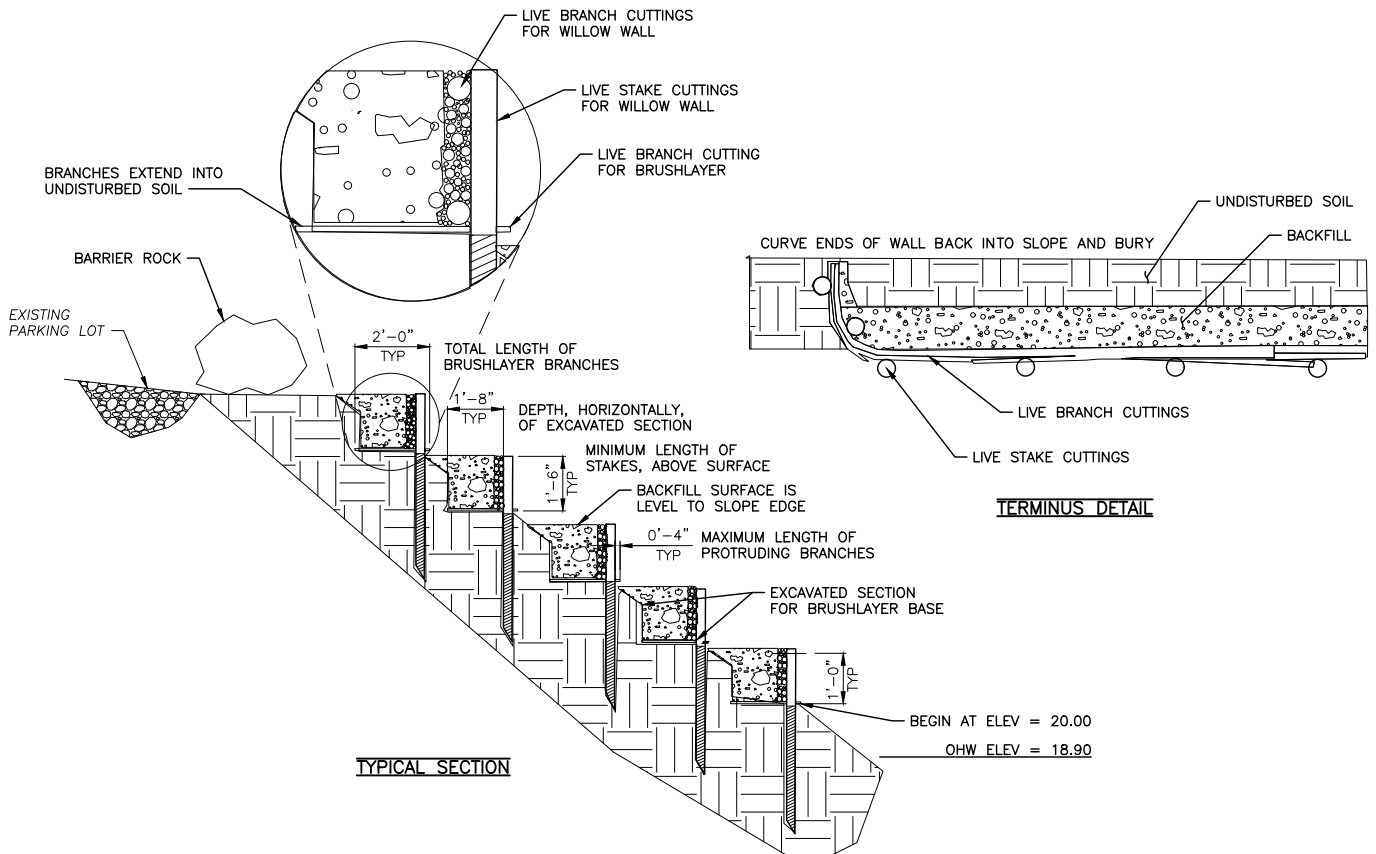
6" DEPTH
ARTICULATED
CONCRETE MAT
20% OPEN SPACE



RAMP PLANK
NOT TO SCALE

NOTE:
SEE SITE PLAN FOR SIZE AND LAYOUT
OF ARTICULATED CONCRETE MATS

REFERENCE NUMBER: -----
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 12 OF 13 DATE: 10/18/2022



TYPICAL SECTION

TERMINUS DETAIL

EXCAVATION, WALL CONSTRUCTION AND FILL SHALL BE LEVEL HORIZONTALLY, ACROSS THE FACE OF THE SLOPE

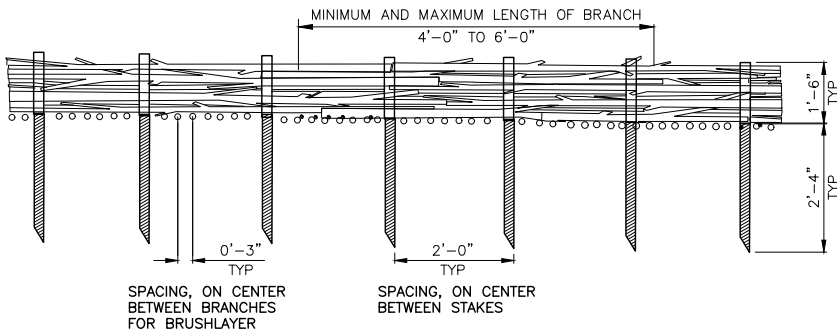


ALTERNATING ROOTING AND GROWING ENDS

STAGGER BRANCHES TO ENSURE TIPS AND ENDS OVERLAP BY A MINIMUM OF 0'-8"



BRANCHES SHOULD BE DENSE ENOUGH TO COMPLETELY HIDE FILL



MINIMUM LENGTH OF STAKES, ABOVE SURFACE (IN CONTACT WITH AND SUPPORTING BRANCHES)

MAXIMUM LENGTH OF STAKES, IN UNDISTURBED SOIL

SPACING, ON CENTER BETWEEN BRANCHES FOR BRUSHLAYER

SPACING, ON CENTER BETWEEN STAKES

WILLOW WALL ELEVATION

WILLOW WALL WITH BRUSHLAYER BASE
NOT TO SCALE

REFERENCE NUMBER: -----
 APPLICANT NAME:
 WASHINGTON DEPT. of FISH & WILDLIFE
 PROPOSED PROJECT:
 REDEVELOPMENT
 LOCATION: FULLER BRIDGE ACCESS
 SHEET 13 OF 13 DATE: 10/18/2022