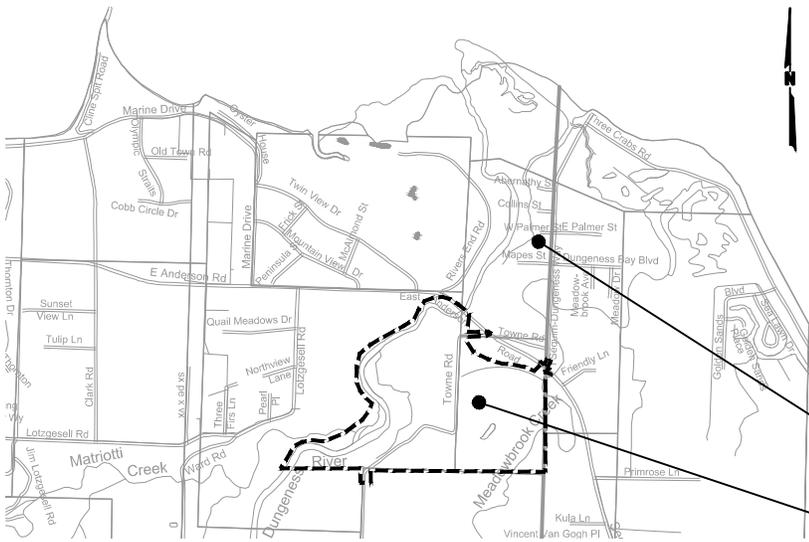


**LOCATION MAP**  
(NOT TO SCALE)



**VICINITY MAP**  
(NOT TO SCALE)

**SHEET LIST**

1. COVER SHEET
2. EXISTING CONDITIONS
3. PROPERTY OWNERSHIP
4. PROJECT SITE PLAN
5. TOWNE ROAD AND LEVEE RELOCATION SOUTH
6. TOWNE ROAD AND LEVEE RELOCATION NORTH
7. TOWNE ROAD AND LEVEE RELOCATION SECTIONS
8. TOWNE ROAD AND LEVEE NORTH SECTION
9. NORTH AND SOUTH SPUR LEVEE SECTIONS
10. LEVEE REMOVAL TYPICAL SECTION
11. HISTORICAL SIDE CHANEL INLET AND OUTLET PROFILE AND SECTION
12. SOUTH LEVEE SPUR ACCES ROAD 80' BRIDGE PLAN
13. SOUTH LEVEE SPUR ACCES ROAD 80' BRIDGE PROFILE AND SECTIONS
14. 72" CMP CULVERT PLAN, PROFILE AND SECTION - NEW TOWNE ROAD
15. TYPICAL CHANNEL SECTIONS
16. LOG JAM TYPICAL PLAN AND SECTION
17. LARGE WOODY MATERIAL DETAILS 1
18. LARGE WOODY MATERIAL DETAILS 2
19. LARGE WOODY MATERIAL DETAILS 3
20. BRUSH TRENCH DETAILS
21. PLANTING PLAN
22. PLANTING DETAILS
23. PLANTING SCHEDULE
24. UTILITY RELOCATION
25. FASOLA ROAD SITE PLAN

**REFERENCE NO:** NWS-2017-719

**APPLICANT:** CLALLAM COUNTY  
223 E 4TH ST, SUITE 36  
PORT ANGELES, WA  
98362

**ADJACENT PROPERTIES:** SEE ENCLOSED

**DATE:** December, 2018

**LOCATION:** TOWNE RD 1/4 MILE SOUTH OF  
INTERSECTION WITH E  
ANDERSON RD

LAT: 48° 08' 30" N  
LON: 123° 07' 50" W

**TITLE:** COVER SHEET

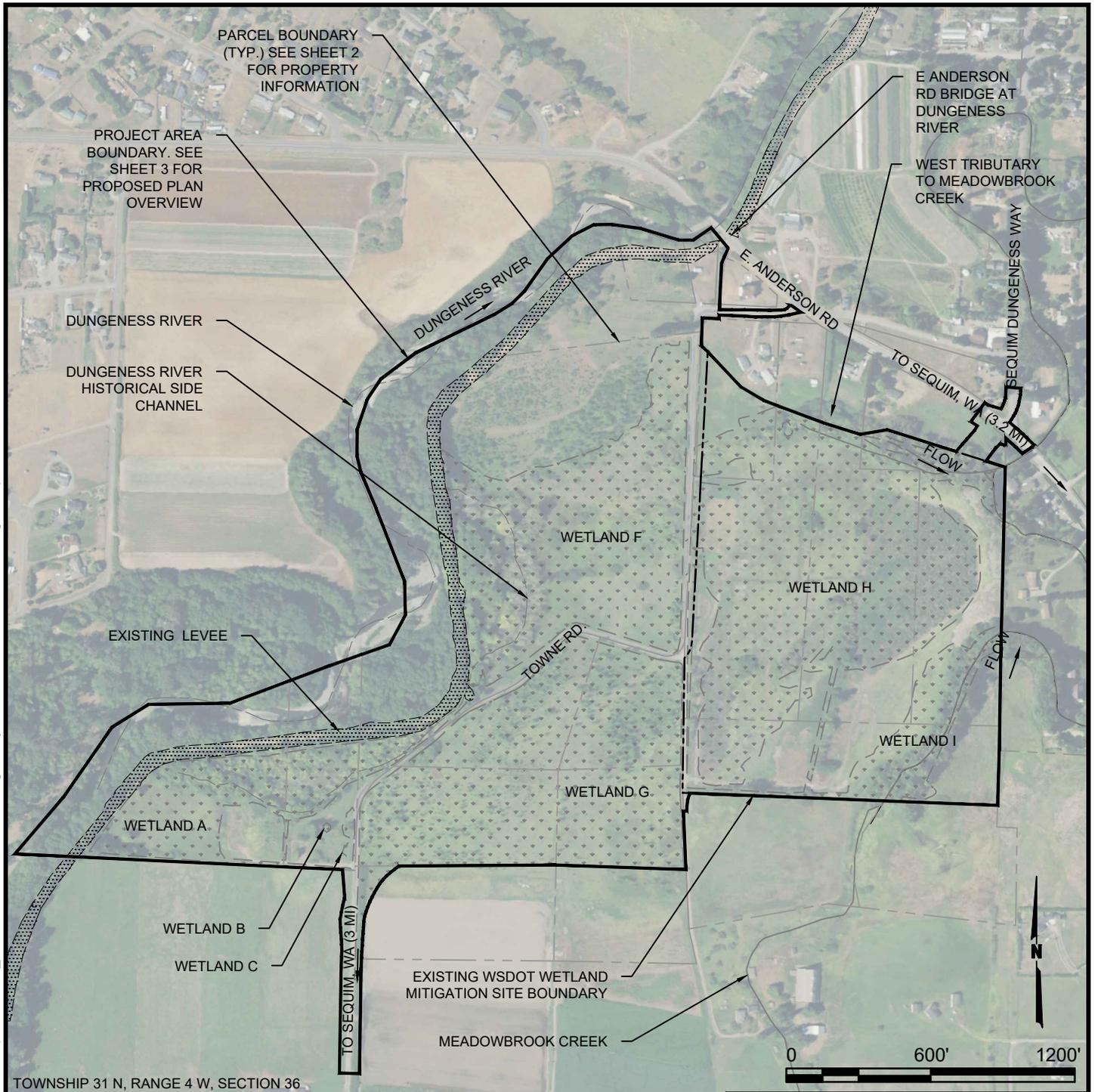
**SHEET** 1 OF 25

**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**WATERBODY:** DUNGENESS RIVER/  
MEADOWBROOK CREEK  
**NEAR:** DUNGENESS, WA

**COUNTY:** CLALLAM

**STATE:** WASHINGTON



**LEGEND**

-  EXISTING LEVEE
-  WETLAND
-  PROJECT BOUNDARY
-  WSDOT WETLAND MITIGATION SITE BOUNDARY
-  PROPERTY LINES

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

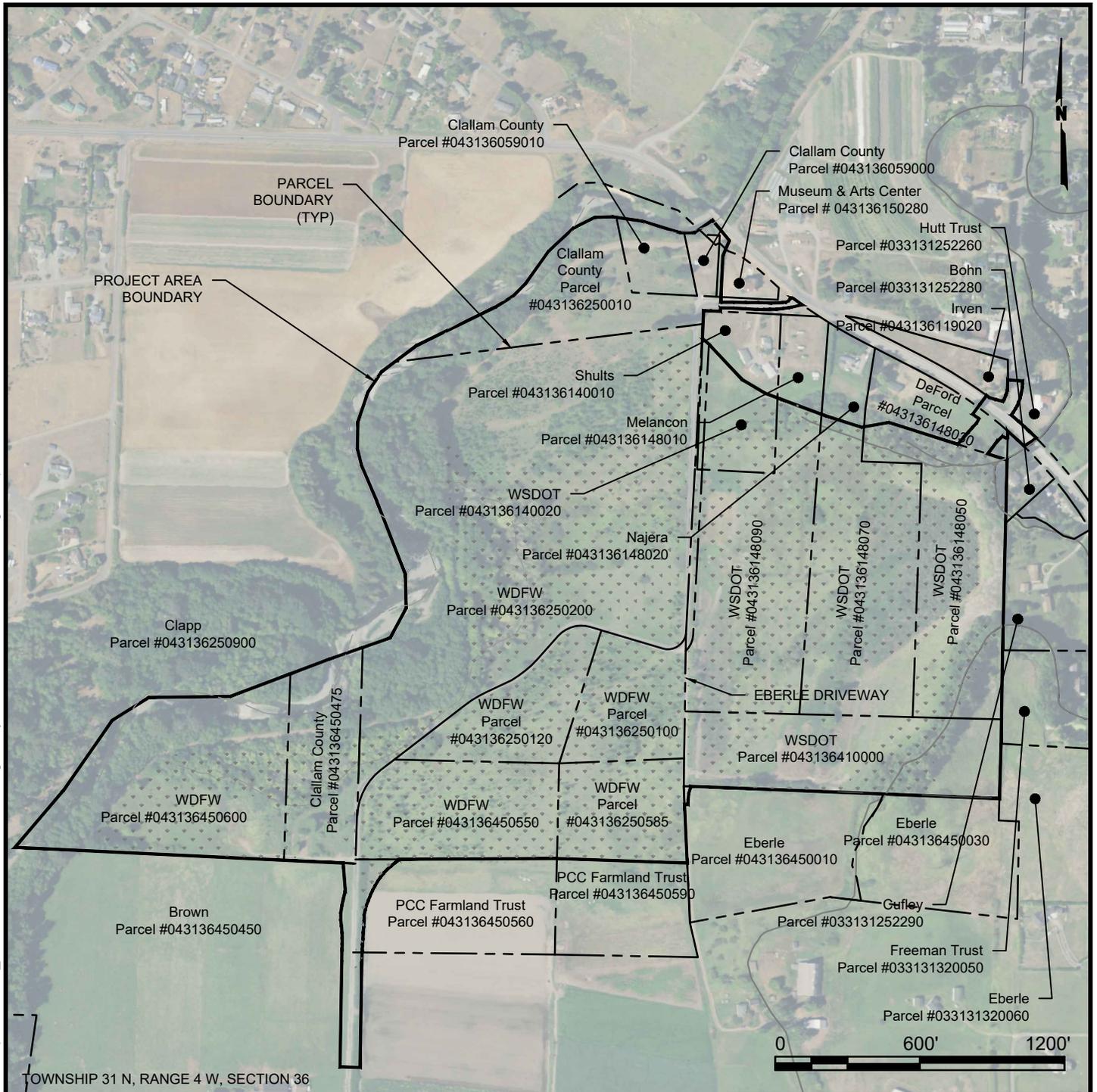
**PROPOSED PROJECT:**  
 LOWER DUNGENESS RIVER  
 FLOODPLAIN RESTORATION AND  
 LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** EXISTING CONDITIONS

**DATE:** REV. DECEMBER 2018

**SHEET** 2 OF 25



TOWNSHIP 31 N, RANGE 4 W, SECTION 36

**LEGEND**

- PROJECT BOUNDARY
- PROPERTY BOUNDARY

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

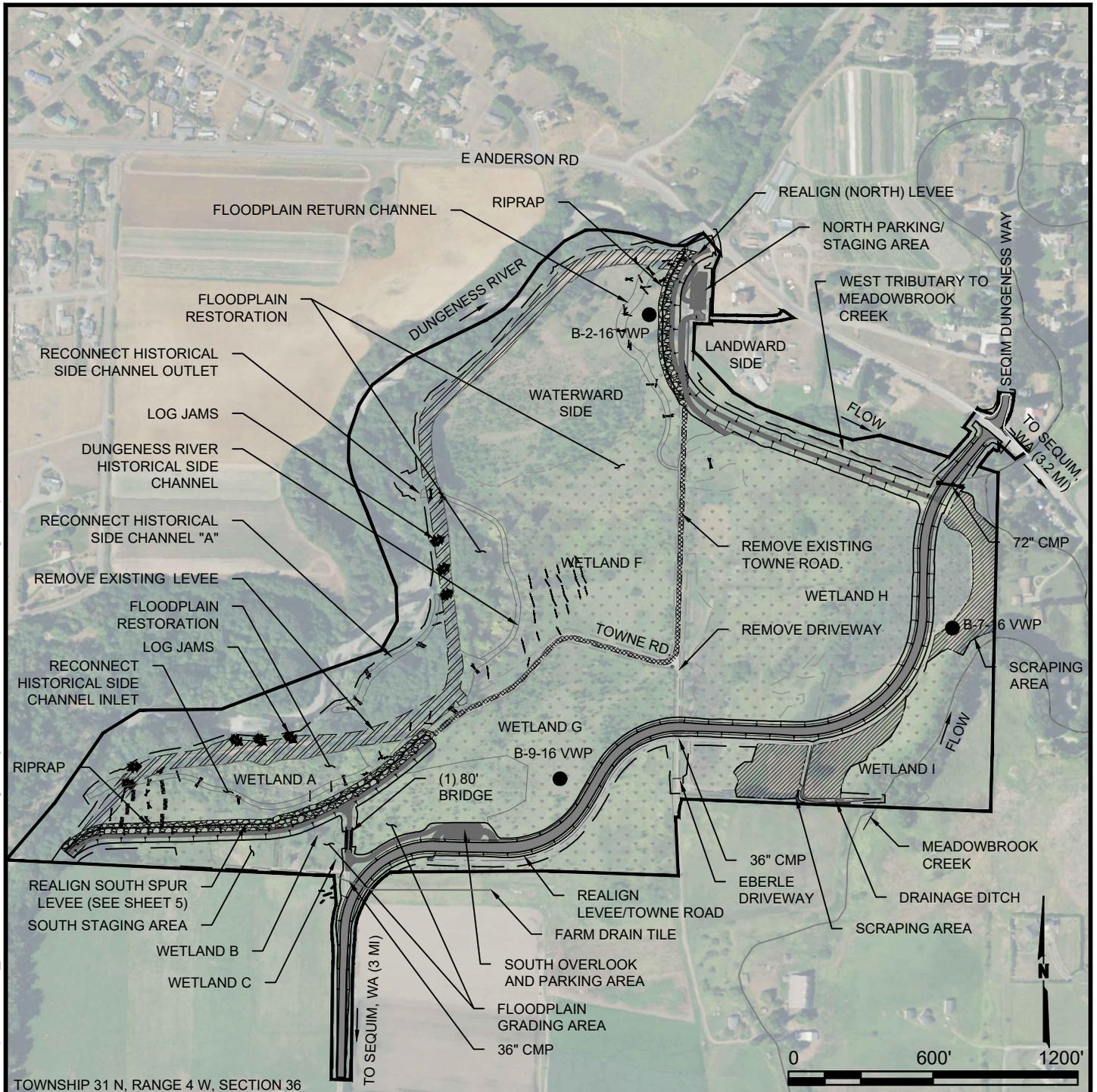
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 LOWER DUNGENESS RIVER  
 FLOODPLAIN RESTORATION AND  
 LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

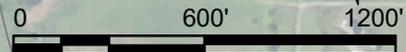
**TITLE:** PROPERTY OWNERSHIP

**DATE:** REV. DECEMBER 2018

**SHEET** 3 OF 25



TOWNSHIP 31 N, RANGE 4 W, SECTION 36



LEGEND	
	EXISTING LEVEE REMOVAL
	WETLAND
	PROJECT BOUNDARY
	CONSTRUCTION LINE LIMITS
	LARGE WOODY MATERIAL
	LOG JAMS
	BRUSH TRENCH
	TOWNE ROAD REALIGNMENT
	SCRAPING AREA

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

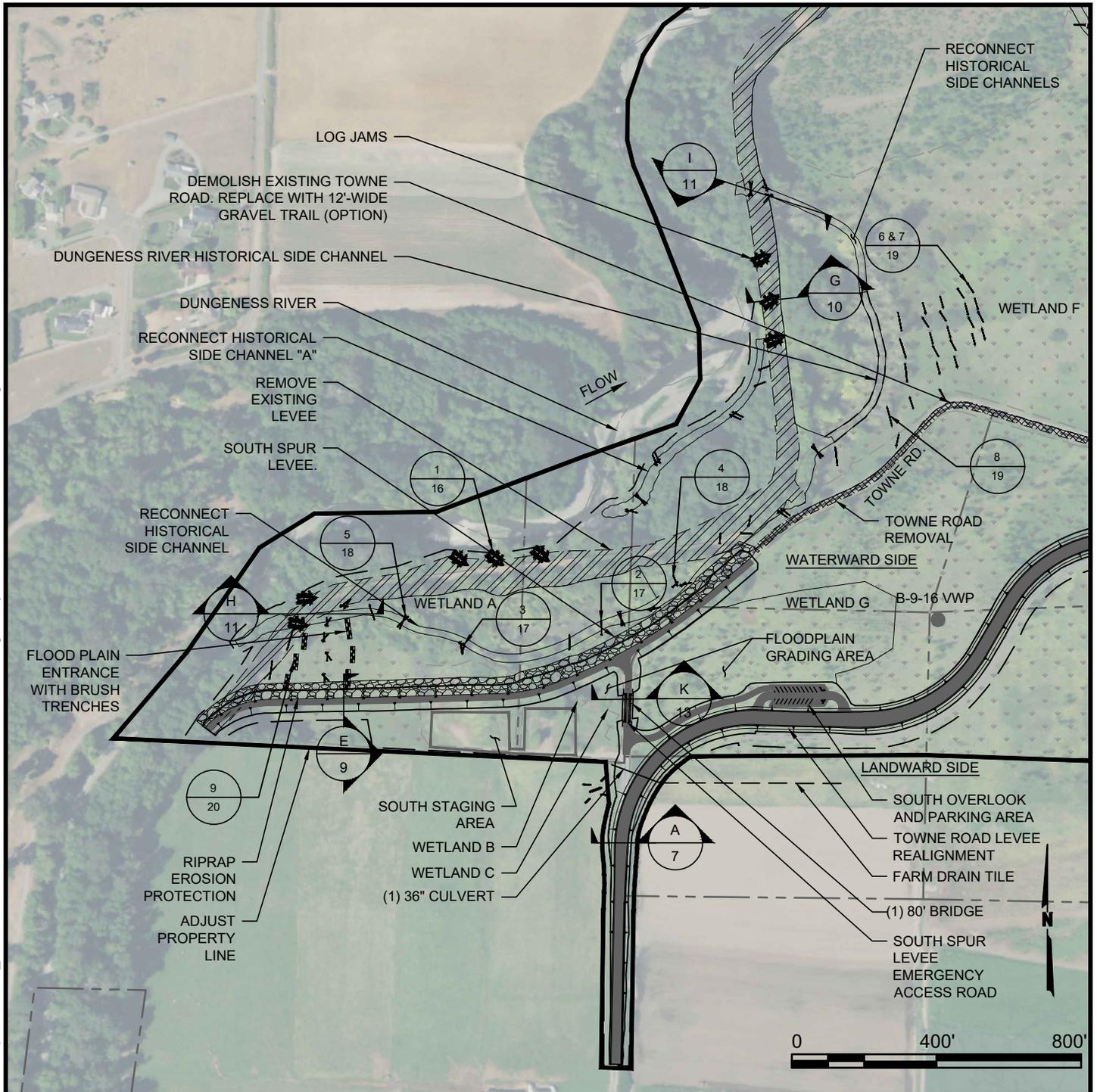
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** PROJECT SITE PLAN

**DATE:** REV. NOVEMBER 2018

**SHEET** 4 OF 25



**LEGEND**

-  EXISTING LEVEE REMOVAL
-  WETLAND
-  PROJECT BOUNDARY
-  CONSTRUCTION LINE LIMITS
-  LARGE WOODY MATERIAL
-  LOG JAMS
-  BRUSH TRENCH

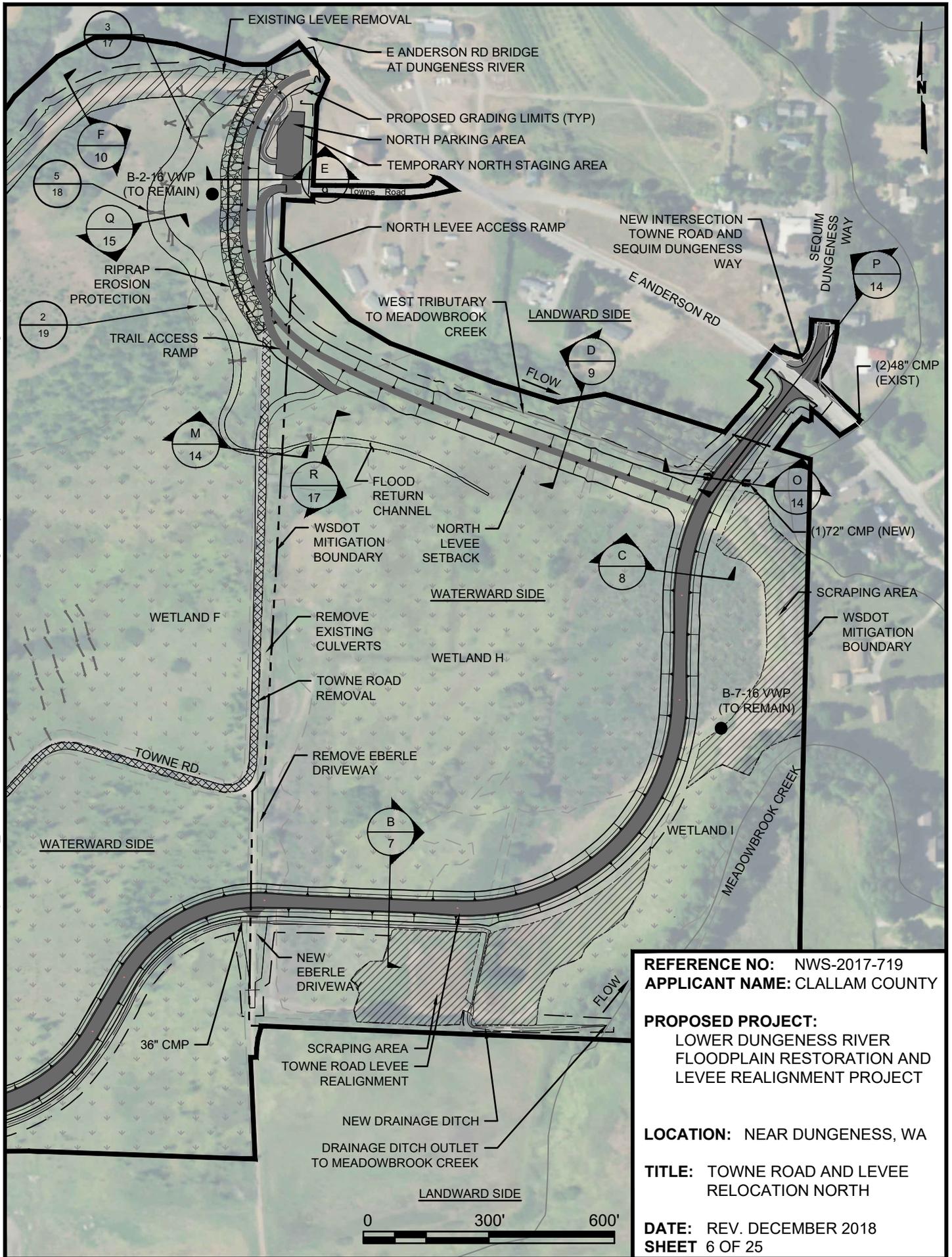
**REFERENCE NO:** NWS-2017-719  
**APPLICANT NAME:** CLALLAM COUNTY

**PROPOSED PROJECT:**  
 LOWER DUNGENESS RIVER  
 FLOODPLAIN RESTORATION AND  
 LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** TOWNE ROAD AND LEVEE  
 RELOCATION SOUTH

**DATE:** REV. DECEMBER 2018  
**SHEET** 5 OF 25



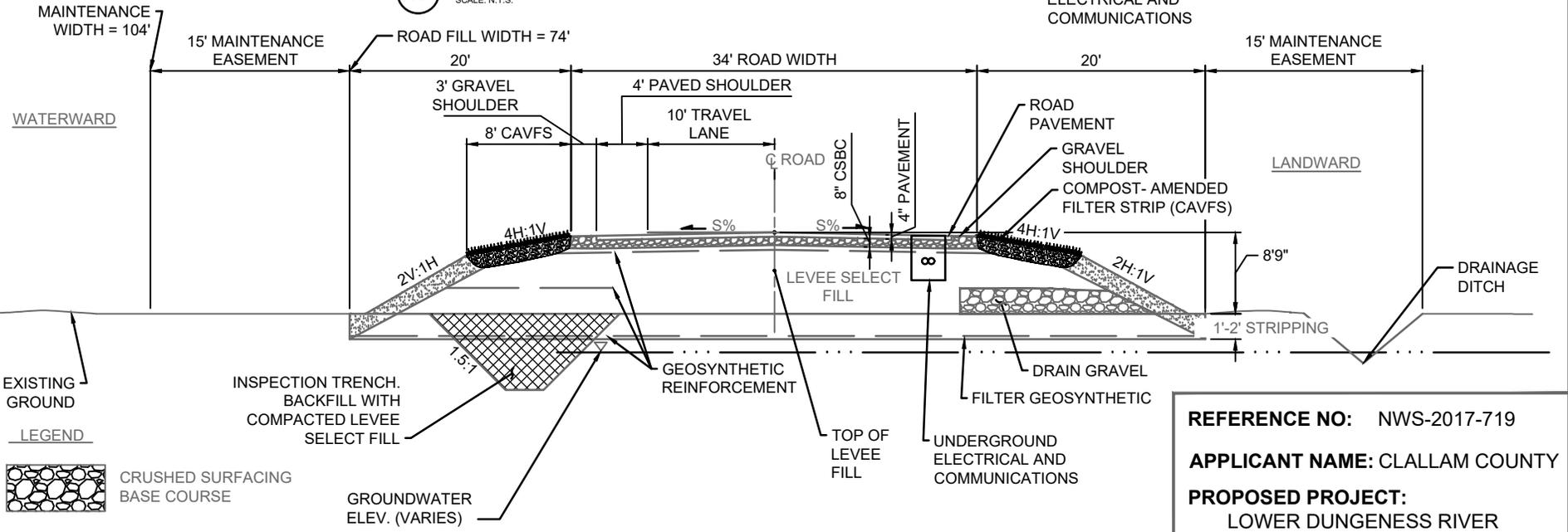
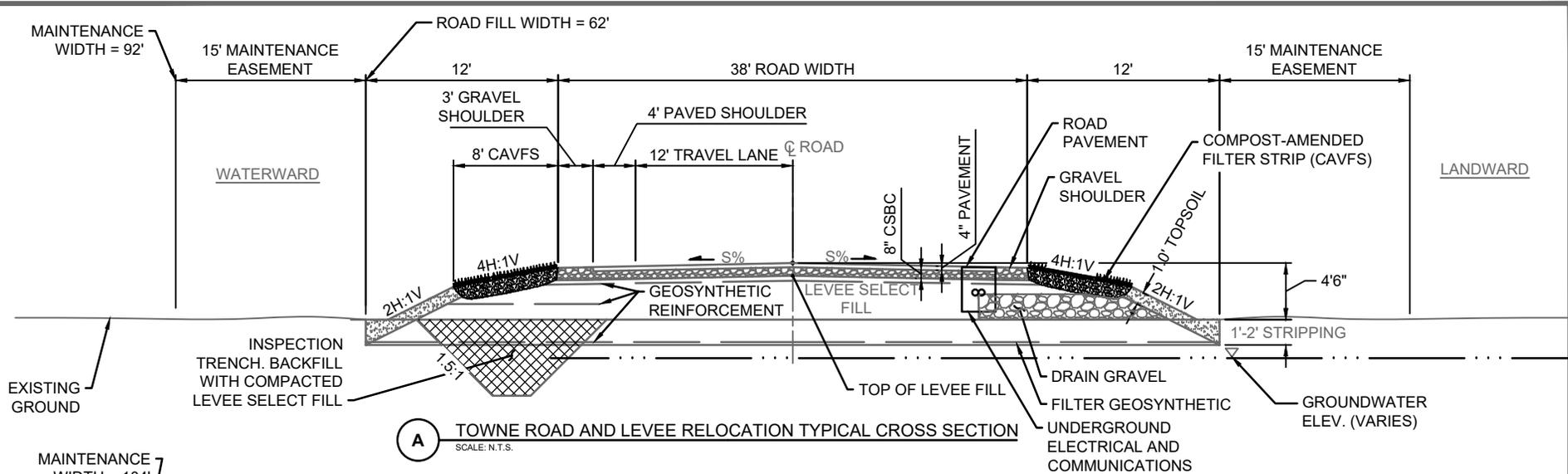
**REFERENCE NO:** NWS-2017-719  
**APPLICANT NAME:** CLALLAM COUNTY

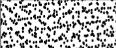
**PROPOSED PROJECT:**  
 LOWER DUNGENESS RIVER  
 FLOODPLAIN RESTORATION AND  
 LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** TOWNE ROAD AND LEVEE  
 RELOCATION NORTH

**DATE:** REV. DECEMBER 2018  
**SHEET** 6 OF 25



- LEGEND**
-  CRUSHED SURFACING BASE COURSE
  -  INSPECTION TRENCH
  -  TOPSOIL
  -  COMPOST-AMENDED VEGETATED FILTER STRIP (CAVFS)

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

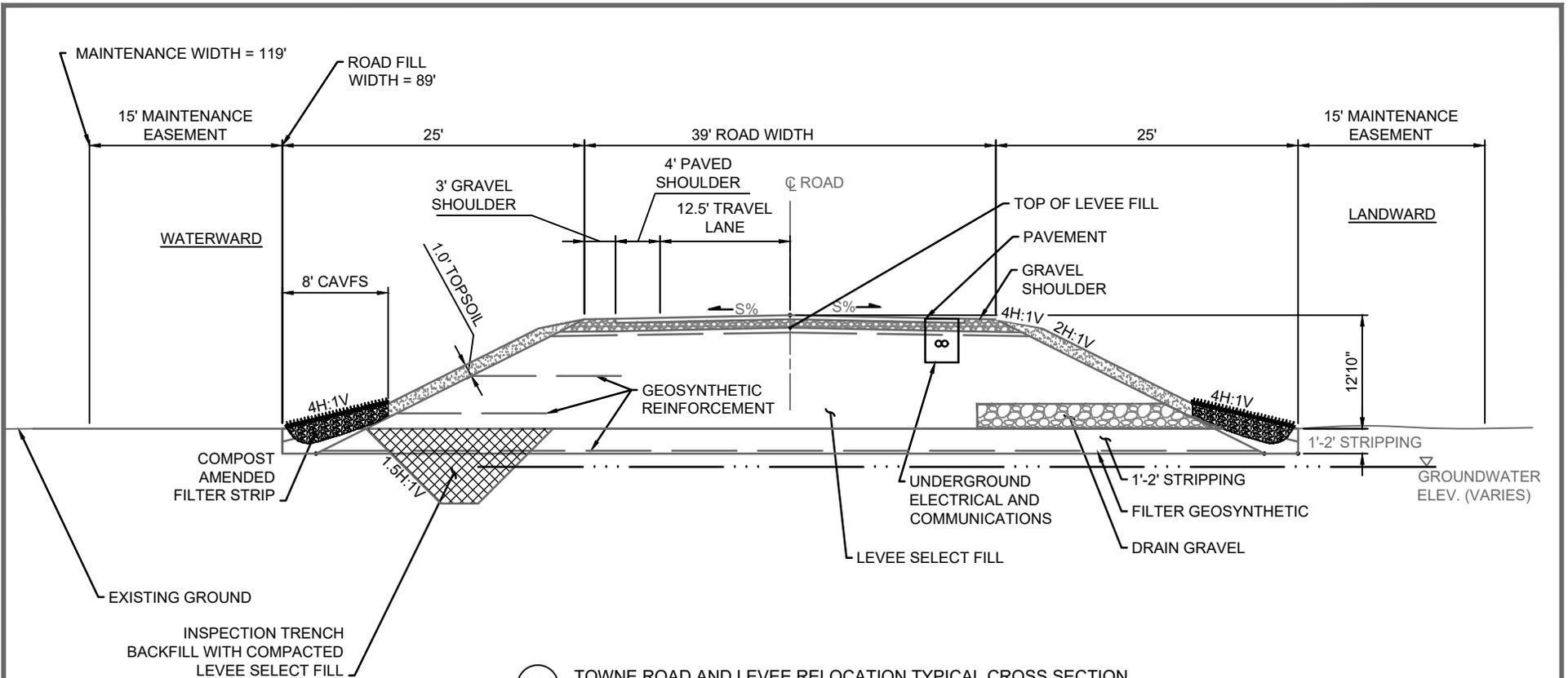
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** TOWNE ROAD AND LEVEE  
RELOCATION SECTIONS

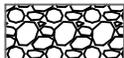
**DATE:** REV. DECEMBER 2018

**SHEET 7 OF 25**



**C** TOWNE ROAD AND LEVEE RELOCATION TYPICAL CROSS SECTION  
SCALE: N.T.S.

**LEGEND**

-  CRUSHED SURFACING BASE COURSE
-  INSPECTION TRENCH
-  TOPSOIL
-  COMPOST-AMENDED VEGETATED FILTER STRIP (CAVFS)

**NOTE**

1. SLOPE FACE GEOSYNTHETIC REINFORCEMENT NOT REQUIRED FOR LEVEE SECTIONS LESS THAN 6 FEET IN HEIGHT.

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

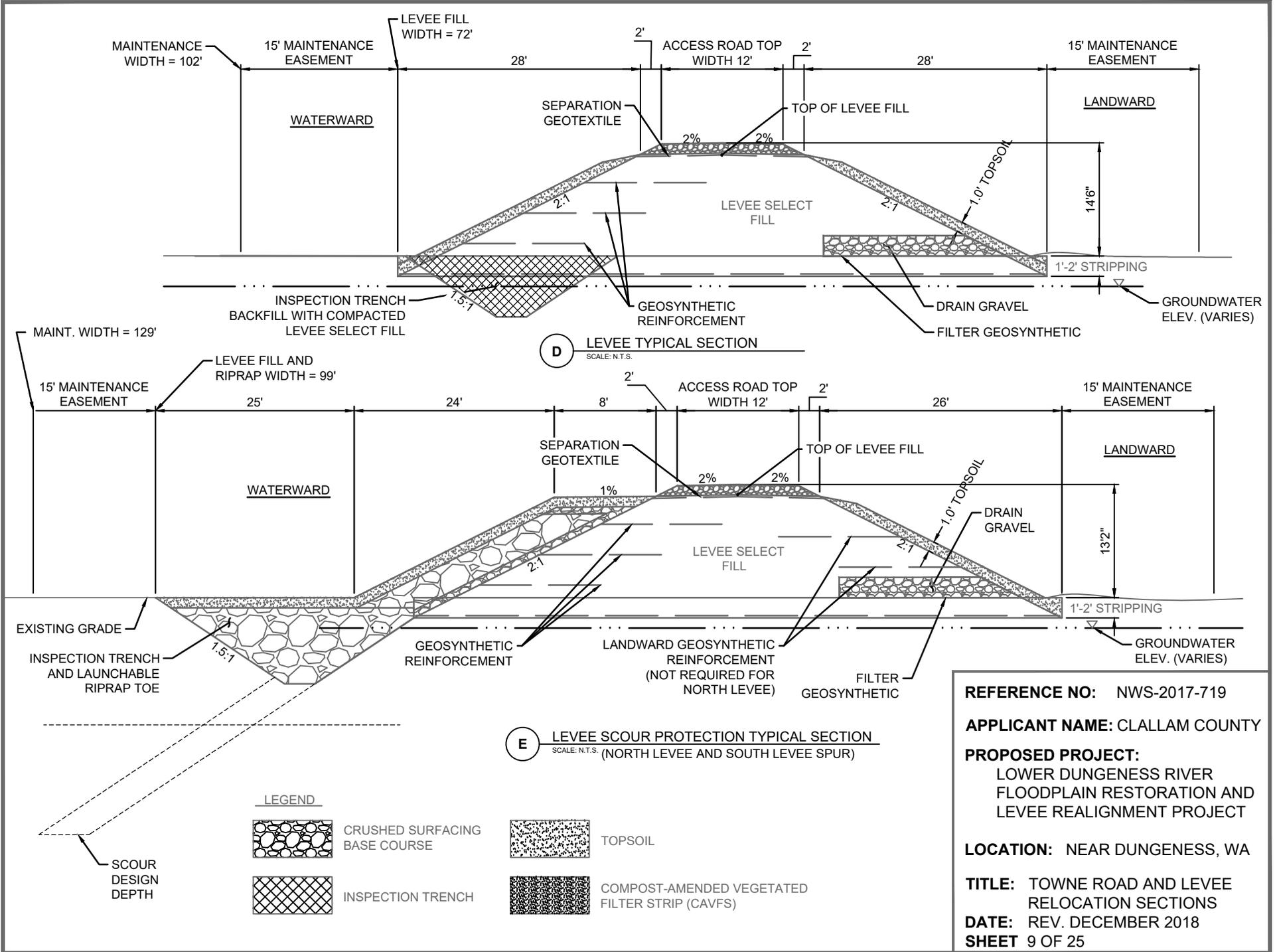
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

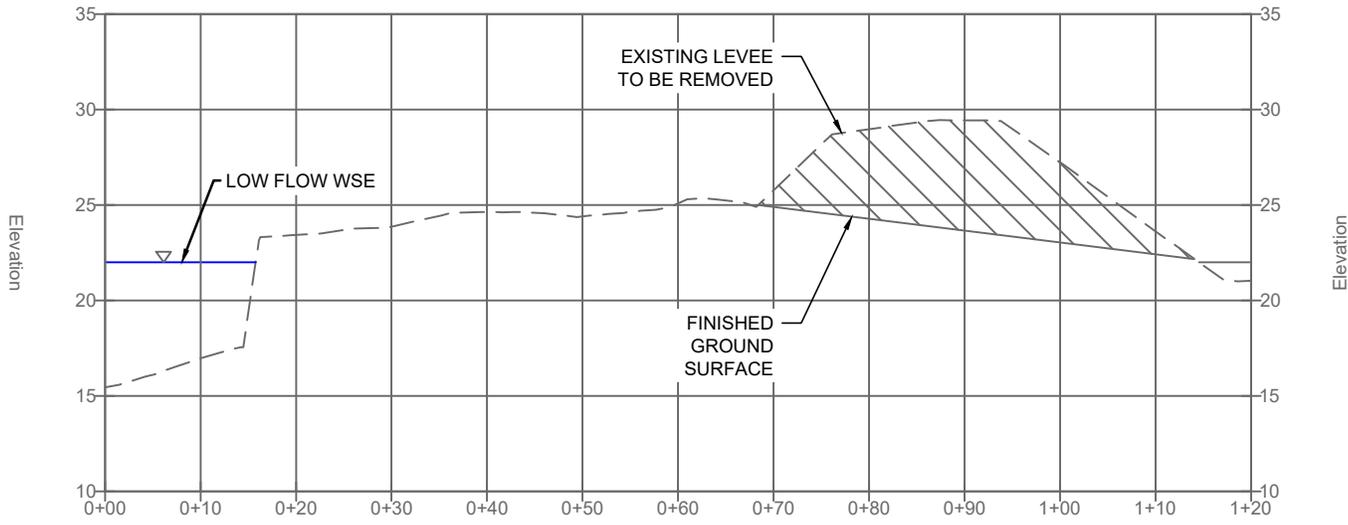
**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** TOWNE ROAD AND LEVEE  
RELOCATION SECTIONS

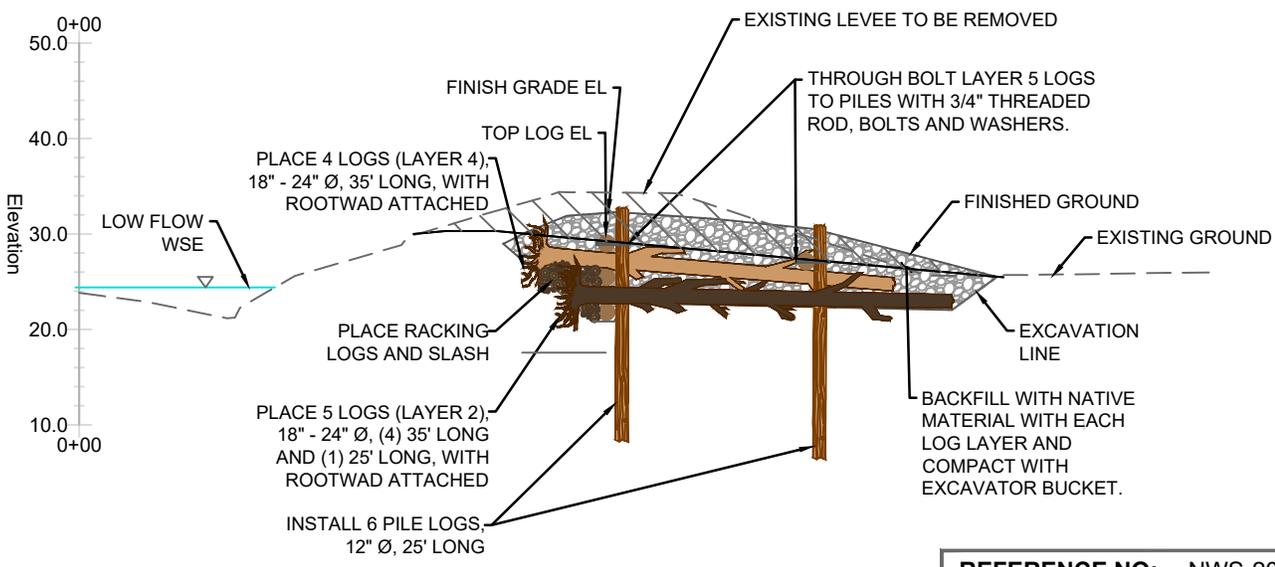
**DATE:** REV. DECEMBER 2018

**SHEET** 8 OF 25





**F** LEVEE REMOVAL TYPICAL SECTION  
SCALE: N.T.S.



**G** LOG JAM TYPICAL SECTION  
SCALE: N.T.S.

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

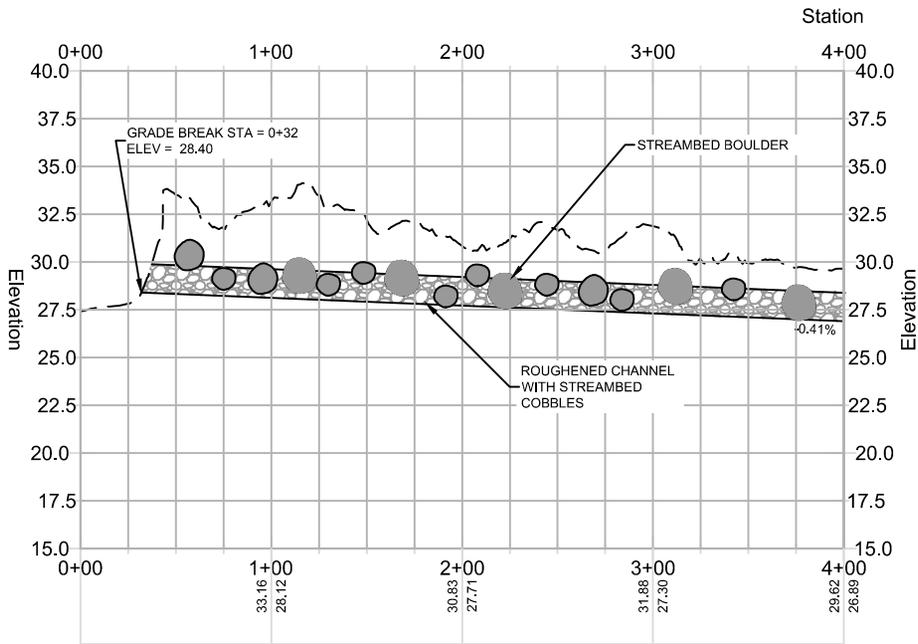
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

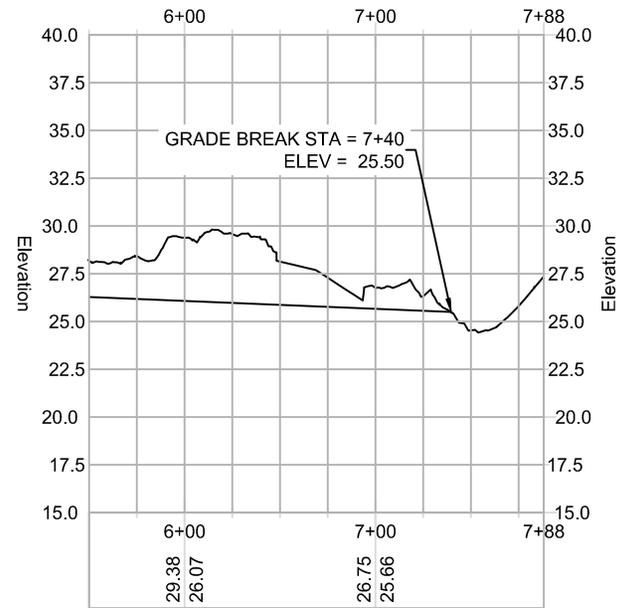
**TITLE:** LEVEE REMOVAL  
TYPICAL SECTION

**DATE:** REV. DECEMBER 2018

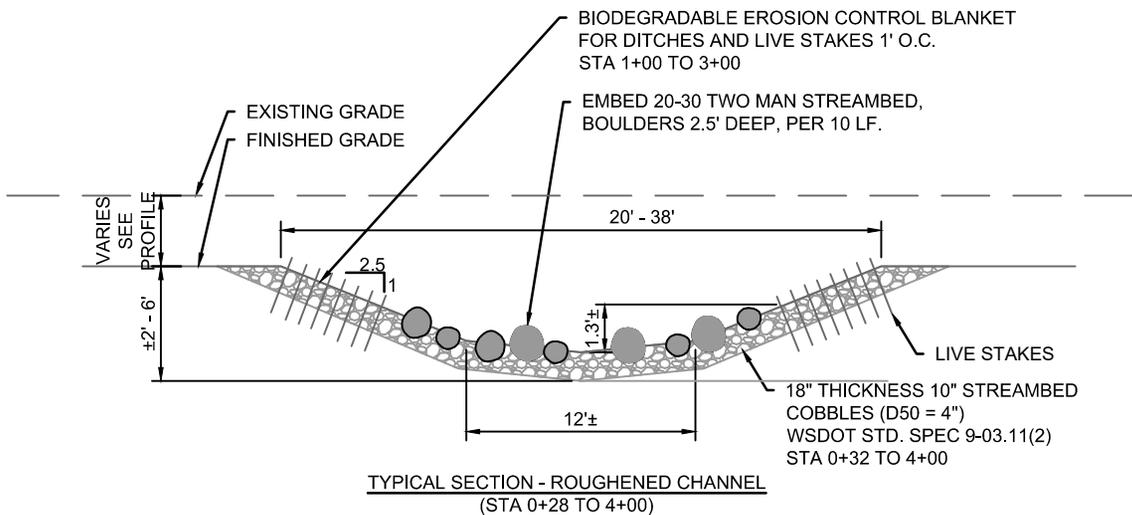
**SHEET** 10 OF 25



**H**  
5 PROFILE - HISTORICAL SIDE CHANNEL INLET



**I**  
5 PROFILE - HISTORICAL SIDE CHANNEL OUTLET



**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

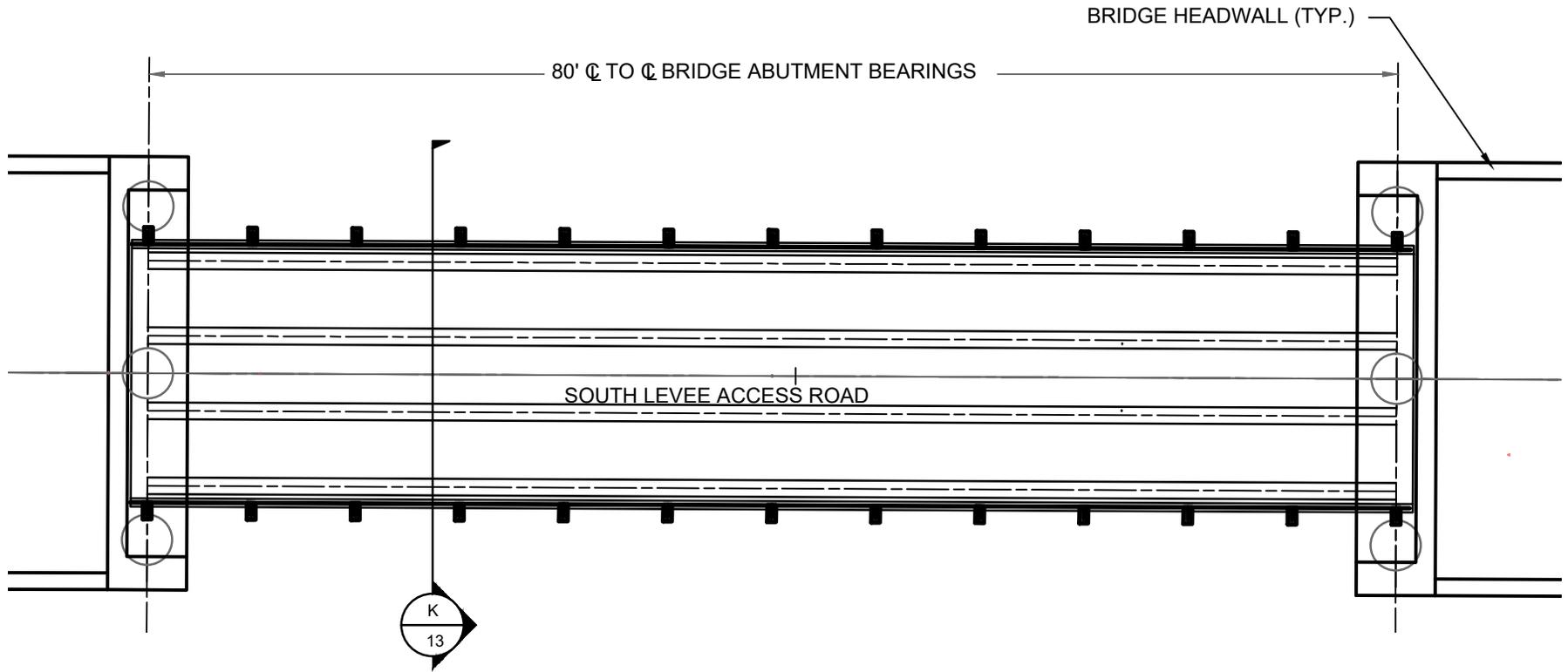
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

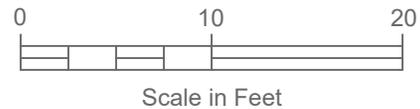
**TITLE:** HISTORICAL SIDE CHANNEL  
INLET AND OUTLET PROFILE  
AND SECTION

**DATE:** REV. DECEMBER 2018

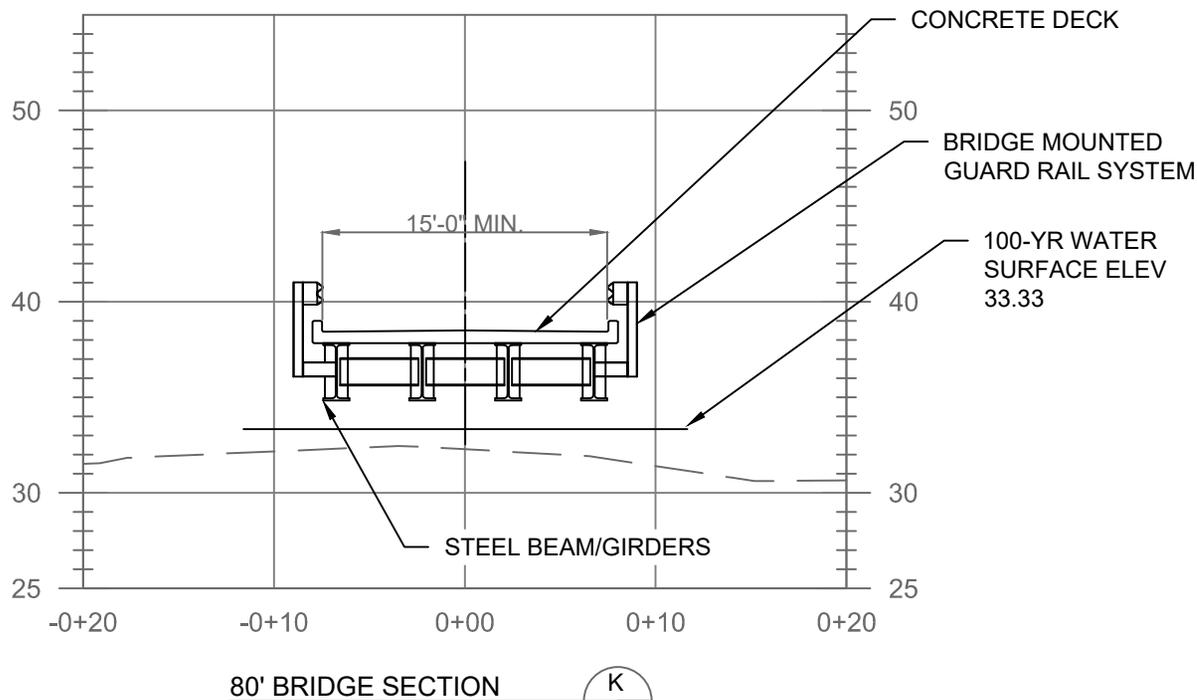
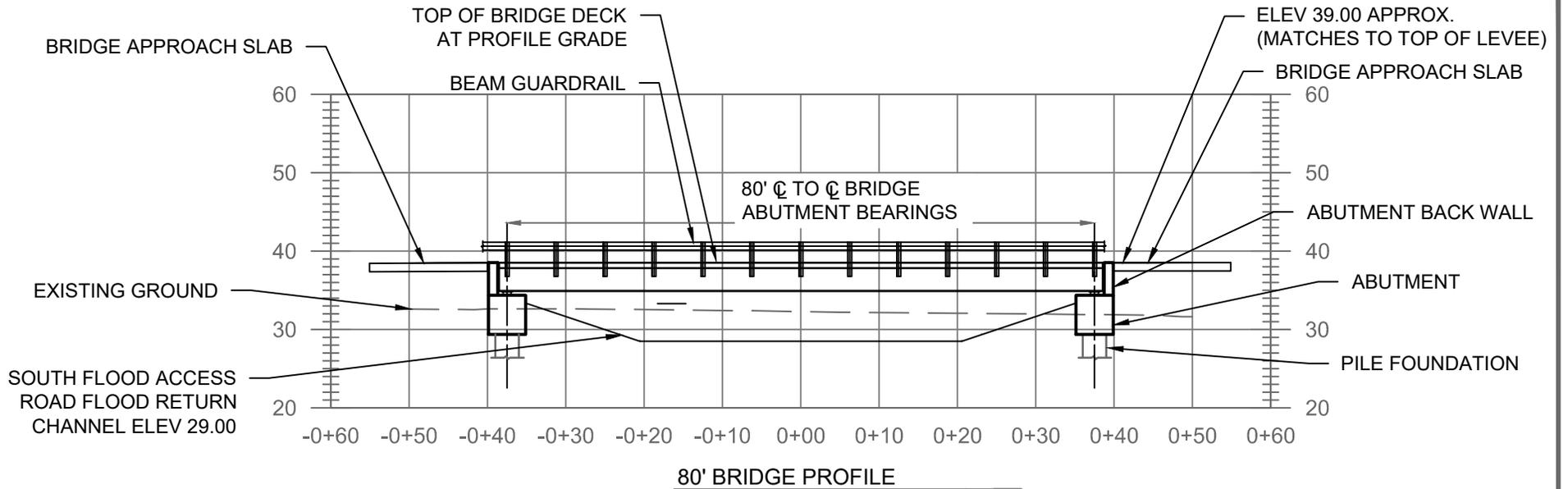
**SHEET** 11 OF 25



**80' - PRE-MANUFACTURED STEEL BRIDGE**  
(SOUTH LEVEE SPUR ACCESS ROAD)



**REFERENCE NO:** NWS-2017-719  
**APPLICANT NAME:** CLALLAM COUNTY  
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT  
**LOCATION:** NEAR DUNGENESS, WA  
**TITLE:** SOUTH LEVEE SPUR ACCESS  
ROAD 80' BRIDGE PLAN  
**DATE:** DECEMBER 29, 2018  
**SHEET** 12 OF 25



K  
13

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

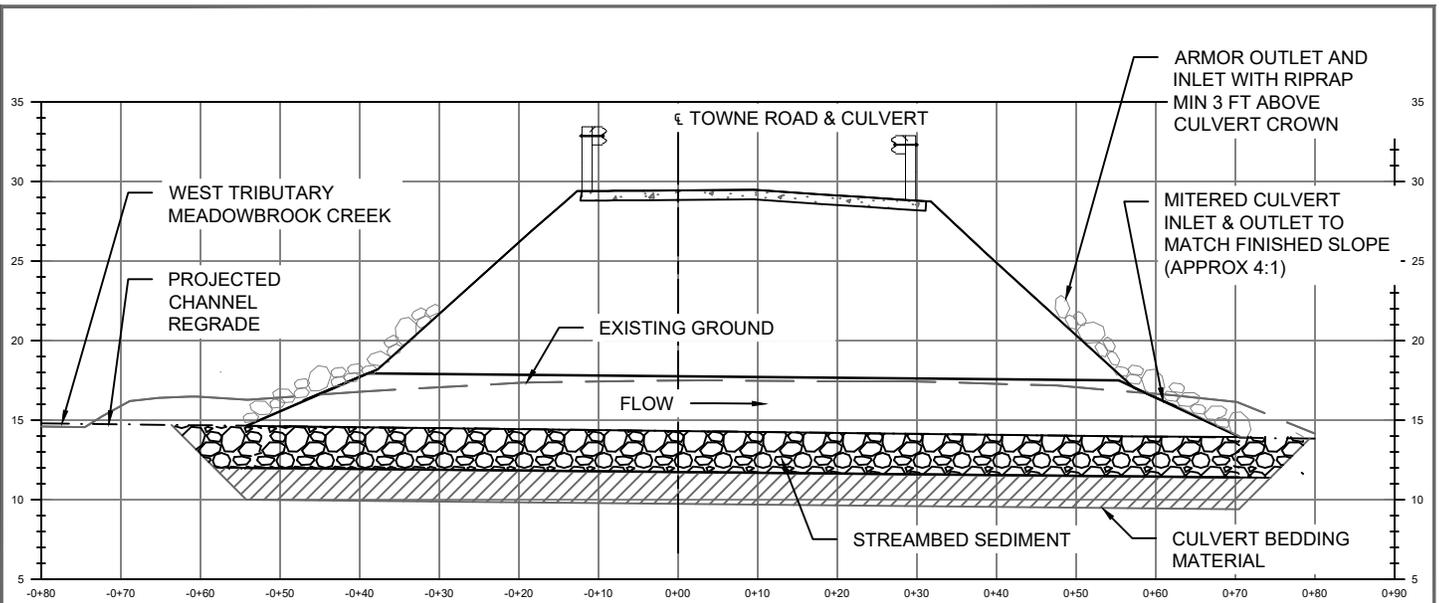
**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** SOUTH LEVEE SPUR ACCESS  
ROAD 80' BRIDGE PROFILE  
AND SECTION

**DATE:** REV. DECEMBER 2018

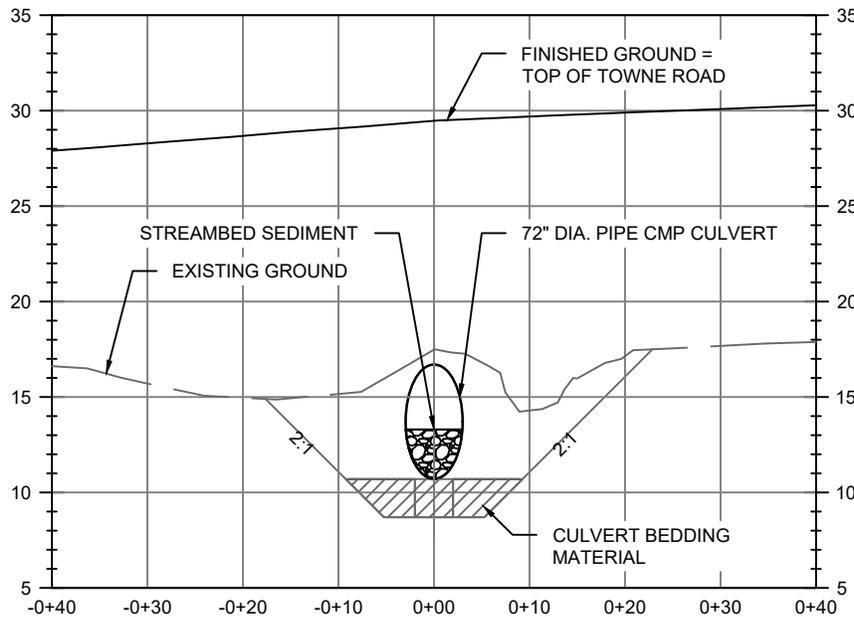
**SHEET** 13 OF 25

Filename: I:\EF21-1 SEA\12500s\12559 DUNGENESS\CAD\Jarpa Sheets\14\_CMP\_CULVERT.dwg Layout: 14 Date: 12-04-2018 Logjn: awp



PROFILE: -0+80-0+90

(1) 72" DIA. CMP PROFILE

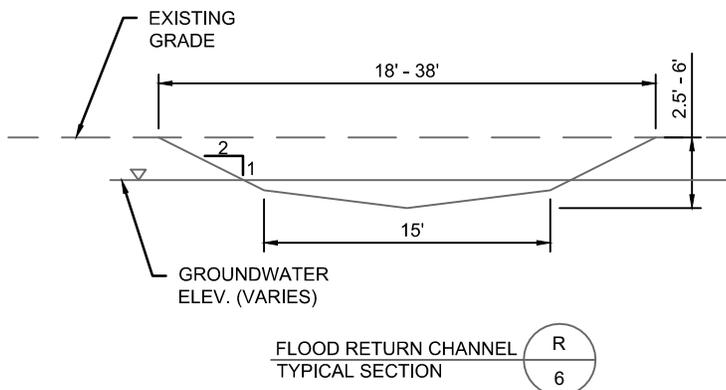
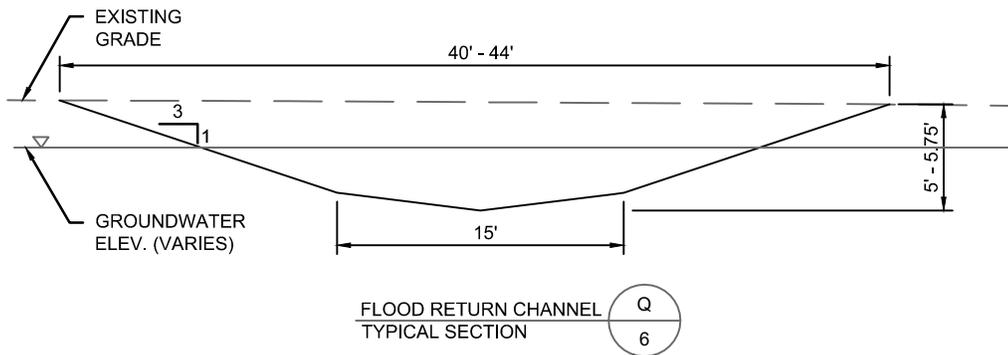


PROFILE: -0+40-0+40

(1) 72" DIA CMP SECTION



**REFERENCE NO:** NWS-2017-719  
**APPLICANT NAME:** CLALLAM COUNTY  
**PROPOSED PROJECT:**  
 LOWER DUNGENESS RIVER  
 FLOODPLAIN RESTORATION AND  
 LEVEE REALIGNMENT PROJECT  
**LOCATION:** NEAR DUNGENESS, WA  
**TITLE:** 72" CMP CULVERT PLAN,  
 PROFILE AND SECTION - NEW  
 TOWNE ROAD  
**DATE:** REV. DECEMBER 2018  
**SHEET** 14 OF 25



**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

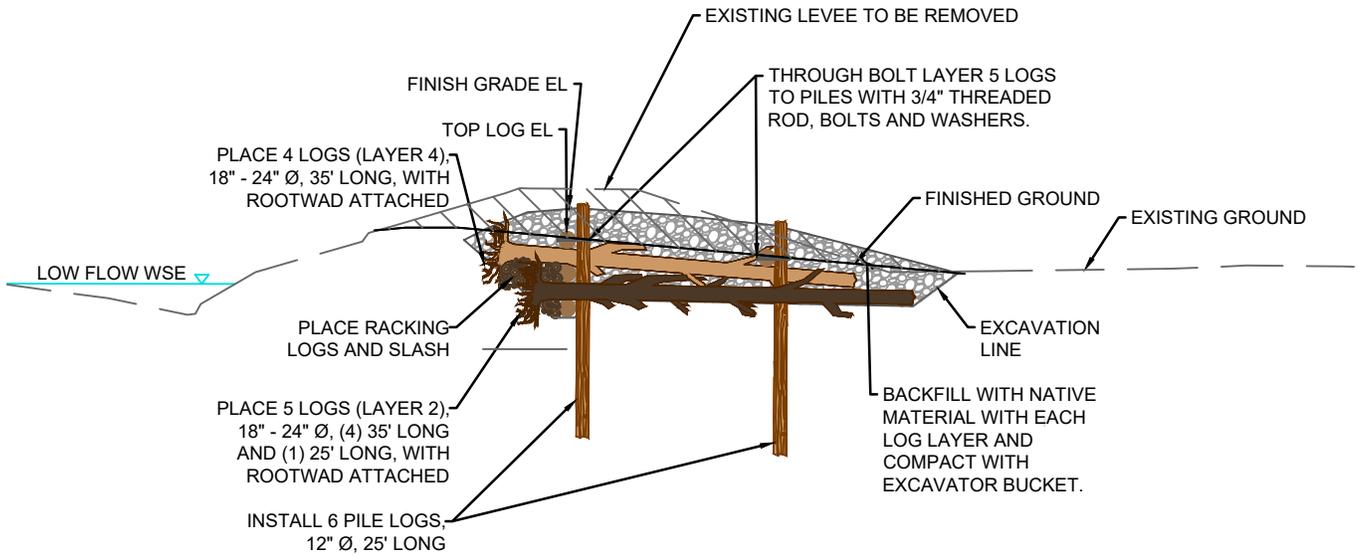
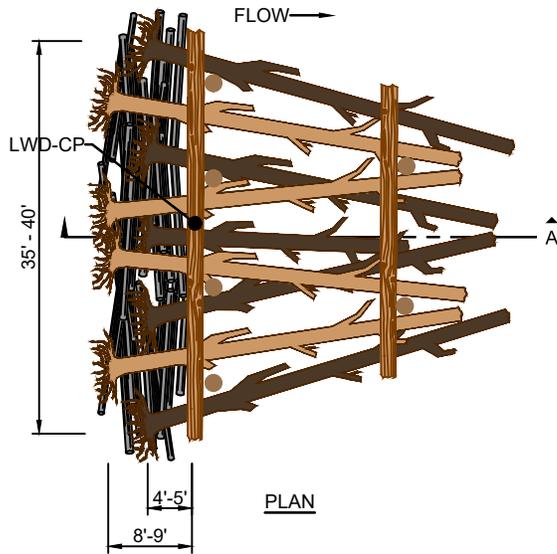
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** TYPICAL CHANNEL SECTIONS

**DATE:** REV. DECEMBER 2018

**SHEET** 15 OF 25



**1** LOG JAM TYPICAL  
SCALE: N.T.S.

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

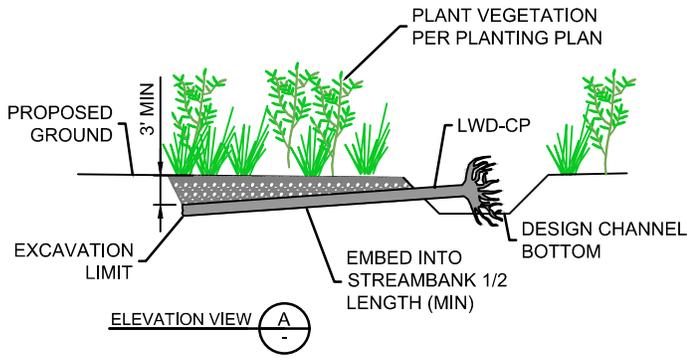
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

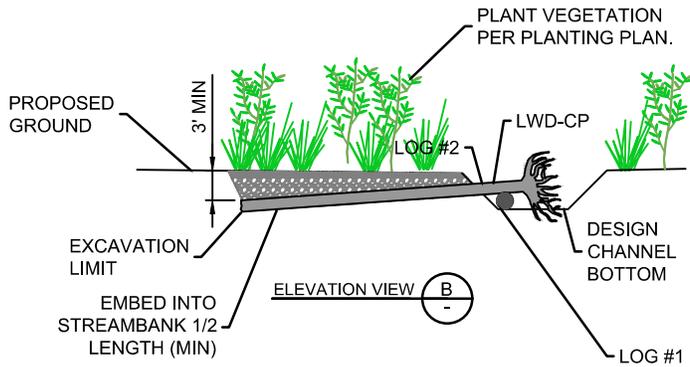
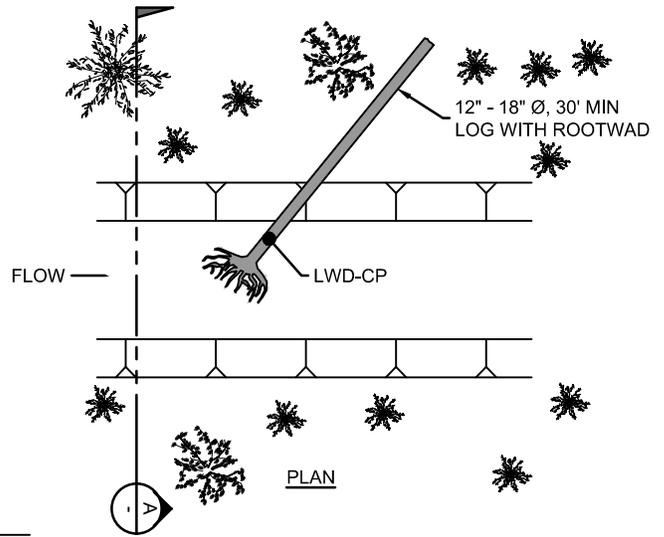
**TITLE:** LOG JAM TYPICAL PLAN AND SECTION

**DATE:** REV. DECEMBER 2018

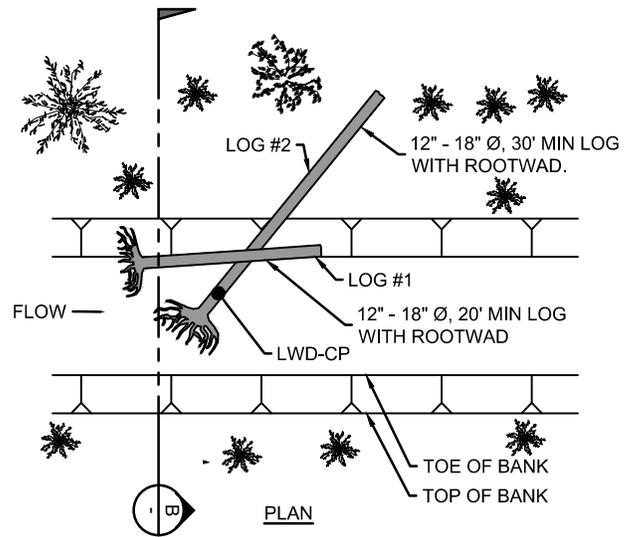
**SHEET** 16 OF 25



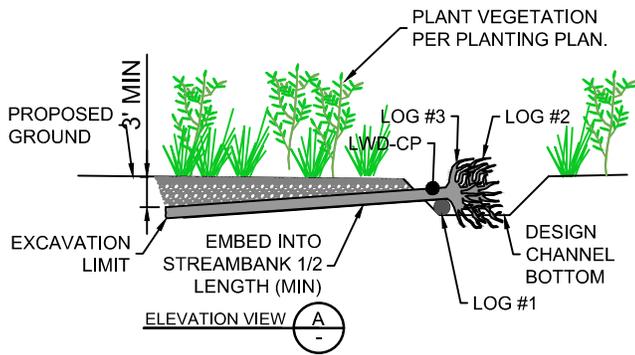
**2** LWM TYPE 1  
SCALE: N.T.S.



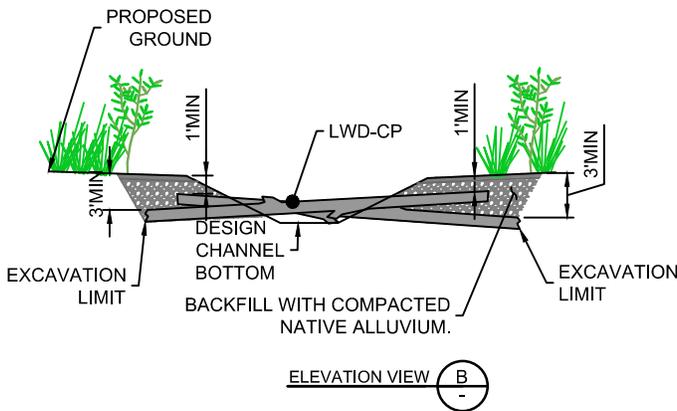
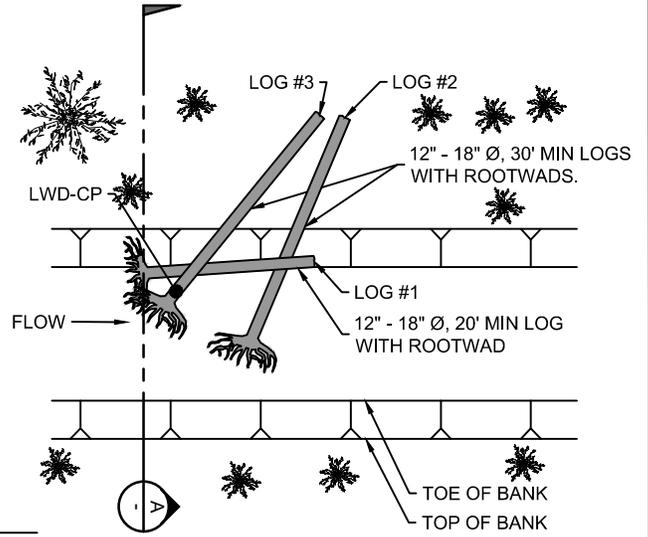
**3** LWM TYPE 2  
SCALE: N.T.S.



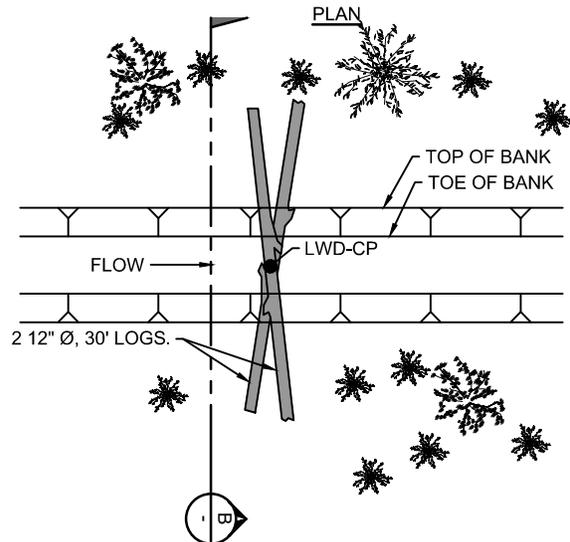
**REFERENCE NO:** NWS-2017-719  
**APPLICANT NAME:** CLALLAM COUNTY  
**PROPOSED PROJECT:**  
 LOWER DUNGENESS RIVER  
 FLOODPLAIN RESTORATION AND  
 LEVEE REALIGNMENT PROJECT  
**LOCATION:** NEAR DUNGENESS, WA  
**TITLE:** LARGE WOODY MATERIAL  
 DETAILS - 1  
**DATE:** REV. NOVEMBER 2018  
**SHEET** 18 OF 25



**4** LWM TYPE 3  
SCALE: N.T.S.



**5** LWM TYPE 4  
SCALE: N.T.S.



**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

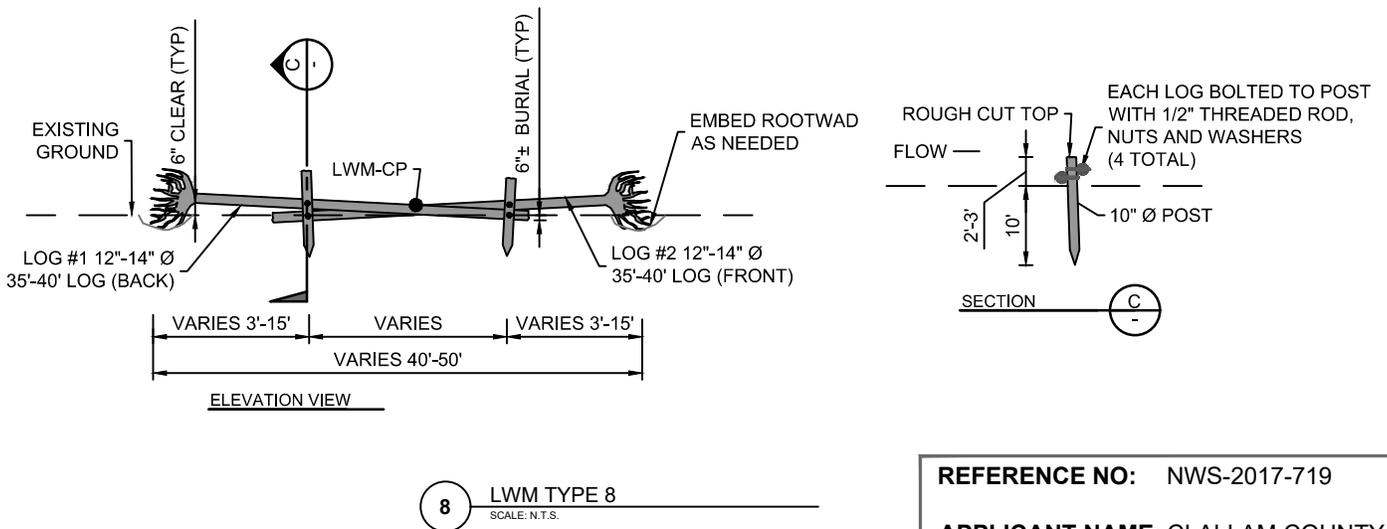
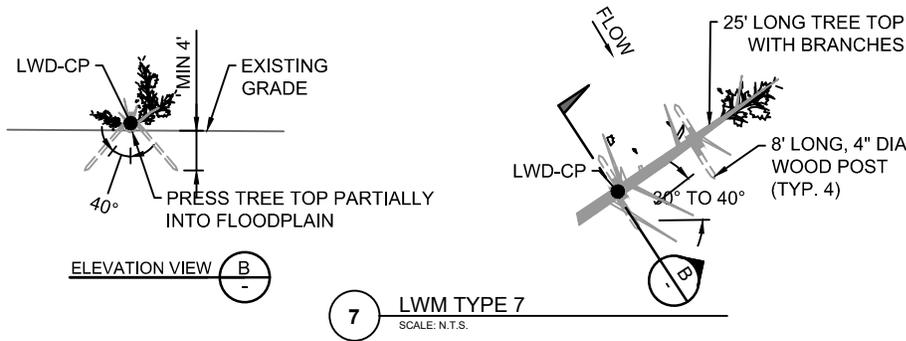
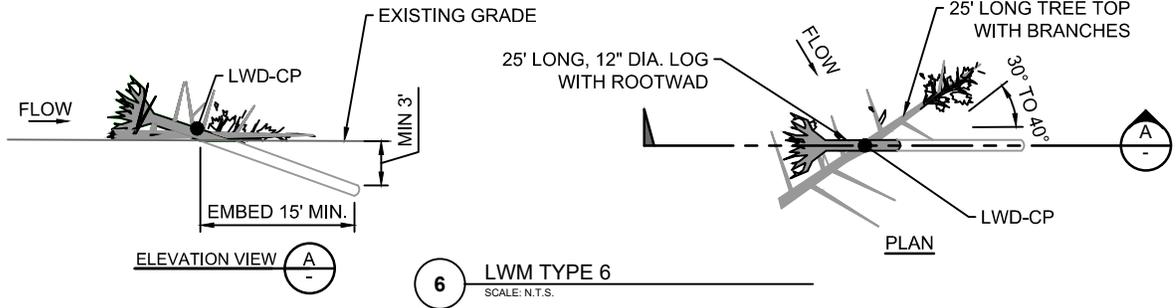
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** LARGE WOODY MATERIAL  
DETAILS - 2

**DATE:** REV. DECEMBER 2018

**SHEET** 18 OF 25



**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

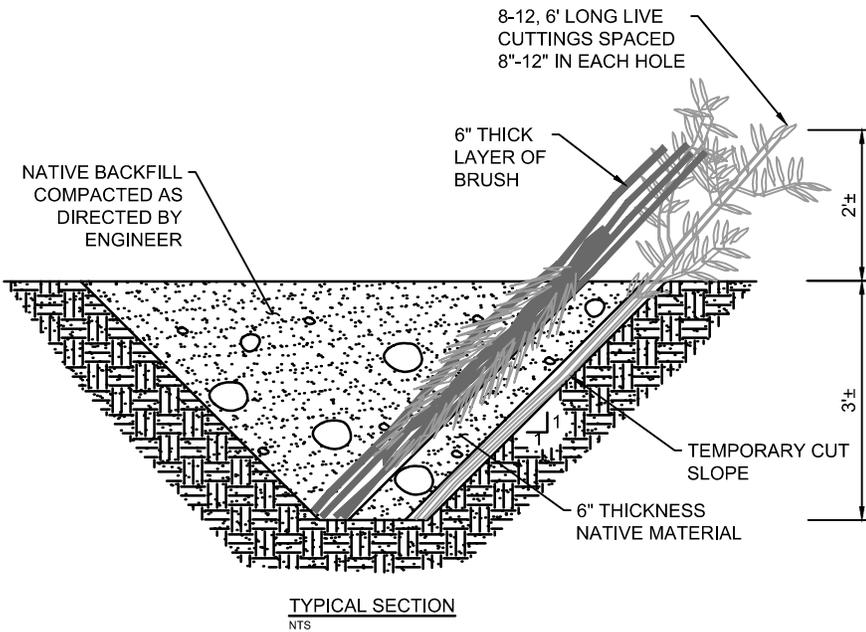
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** LARGE WOODY MATERIAL  
DETAILS - 3

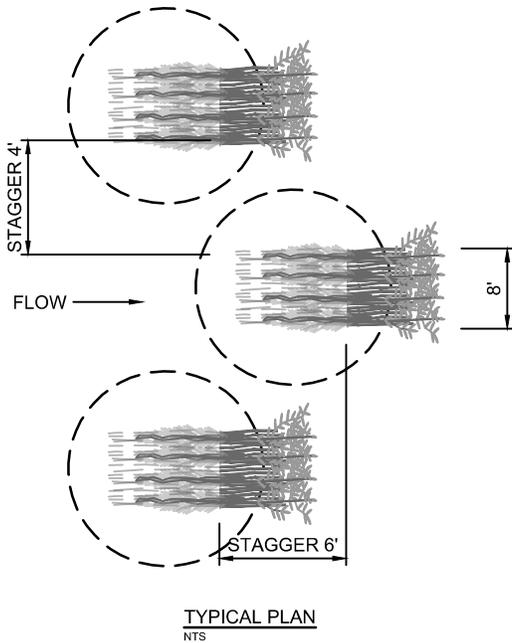
**DATE:** REV. DECEMBER 2018

**SHEET** 19 OF 25



**BRUSH TRENCH NOTES:**

1. EXCAVATE HOLE, OR USE EXCAVATOR TO PULL BACK MATERIAL.
2. PLACE LAYER 1 - PLACE LIVE CUTTINGS ALONG OUTSIDE OF HOLE ON DOWNSTREAM FACE.
3. PLACE LAYER OF NATIVE MATERIAL EXCAVATED FROM HOLE ON LAYER 1 AND COMPACT AGAINST LAYER 1 CUTTINGS WITH BUCKET.
4. PLACE LAYER OF BRUSH.
5. REPLACE EXCAVATED MATERIAL IN HOLE AND COMPACT WITH BUCKET.
6. BLEND ANY REMAINING EXCAVATED MATERIAL INTO FLOODPLAIN TO CREATE ROUGH MICRO-PACKETS.



9 **BRUSH TRENCH**  
SCALE: N.T.S.

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** BRUSH TRENCH DETAILS

**DATE:** REV. DECEMBER 2018

**SHEET** 20 OF 25



LEGEND	
	EXISTING LEVEE REMOVAL
	WETLAND
	PROJECT BOUNDARY
	WSDOT BOUNDARY
	LARGE WOODY MATERIAL
	LOG JAMS
	BRUSH TRENCH

	UPLAND FOREST 5.6 ACRES
	WETLAND FOREST 18.2 ACRES
	DENSE WETLAND SHRUB 9.3 ACRES
	WETLAND SHRUB 12.9 ACRES
	WETLAND EMERGENT 8.6 ACRES (PARTIAL SEED, SEE PLANTING SCHEDULE)
	UPLAND HERBACEOUS 11.2 ACRES (SEED)

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

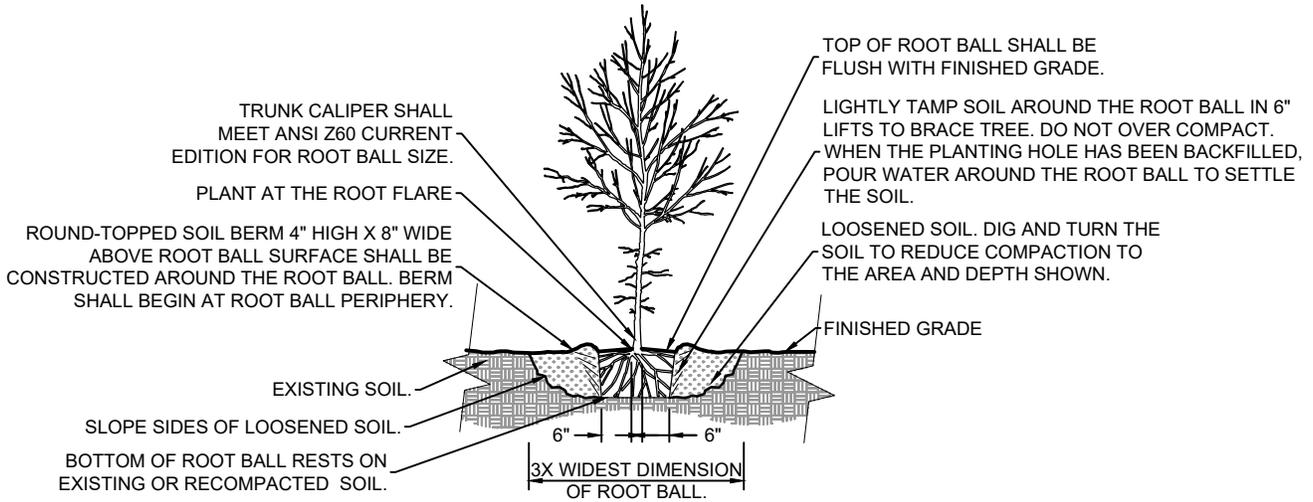
**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

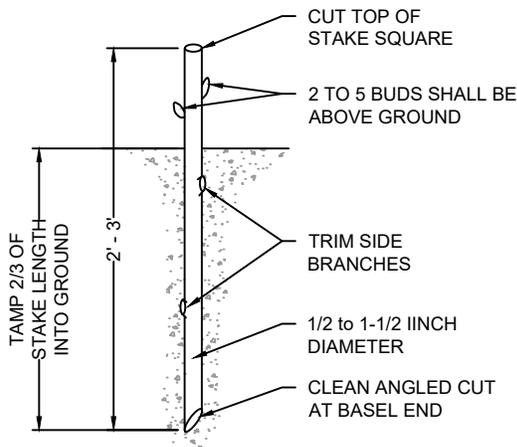
**TITLE:** PLANTING PLAN

**DATE:** REV. DECEMBER 2018

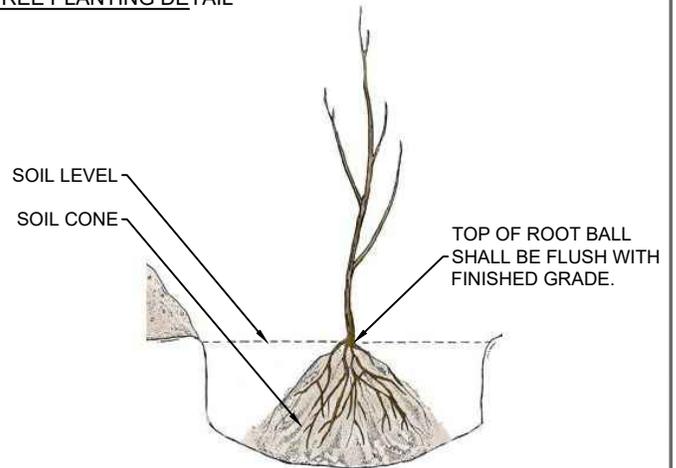
**SHEET** 21 OF 25



**1** CONTAINER TREE PLANTING DETAIL  
SCALE: N.T.S.



**2** LIVE STAKE PLANTING DETAIL  
SCALE: N.T.S.



**3** BARE ROOT DETAIL  
SCALE: N.T.S.

DIG A HOLE TWICE THE DIAMETER OF THE ROOTSPREAD. LEAVE A CONE OF UNDISTURBED SOIL, OR IF NOT POSSIBLE, CREATE A CONE OF RECOMPACTED SOIL SO THAT THE ROOT CROWN SITS AT SOIL LEVEL WITH ROOTS SPREADING DOWNWARD OVER THE CONE. WHILE HOLDING PLANT UPRIGHT, BACKFILL HOLE BY PRESSING SOIL AROUND AND IN BETWEEN ROOTS IN 6-INCH LIFTS. LIGHTLY TAMP SOIL TO REMOVE AIR POCKETS. POUR WATER AROUND ROOTS TO SETTLE THE SOIL, ADDING MORE SOIL AS NECESSARY TO MATCH EXISTING GRADE AND TO MAINTAIN ROOT CROWN AT EXISTING GRADE LEVEL.

**NOTES:**

1. BASAL END OF LIVE STAKES SHALL BE 1 TO 1.5 INCHES IN DIAMETER.
2. LIVE STAKES SHALL BE STORED IN 6 INCHES OF WATER AND KEPT COVERED AND COOL PRIOR TO PLANTING AT NO TIME SHALL PLANT MATERIAL BE EXPOSED AND ALLOWED TO DRY OUT.
3. LIVE STAKES SHALL BE PLANTED AS SOON AS POSSIBLE ON SITE AND MAY NOT BE STORED FOR LONGER THAN TWO WEEKS TO BE CONSIDERED VIABLE. CUTTINGS THAT HAVE ALREADY DEVELOPED ROOTS SHALL NOT BE USED.
4. IF STAKES CANNOT BE DRIVEN, A PILOT HOLE CAN BE ESTABLISHED USING REBAR OF A SMALLER DIAMETER THAN THE STAKES TO MINIMIZE AIR POCKETS.

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** PLANTING DETAILS

**DATE:** REV. DECEMBER 2018

**SHEET** 22 OF 25

Common Name Scientific Name	Height	Condition	Upland Forest (5.6 Acres) Spacing: 24' O.C.	Wetland Forest (18.2 Acres) Spacing: 15' O.C.	Dense Wetland Shrub (9.3 Acres) Spacing: 3' O.C.	Wetland Shrub (12.9 Acres) Spacing: 12' O.C.	Wetland Emergent (4.8 Acres) Spacing: 6' O.C.	Total (50.8 Acres)
Western Red Cedar <i>Thuja plicata</i>	12-24"	#1 Container	53					53
Big Leaf Maple <i>Acer macrophyllum</i>	12-24"	#1 Container	53					53
Sitka Spruce <i>Picea sitchensis</i>	12-24"	#1 Container	53					53
Black Cottonwood <i>Populus balsamifera spp trichocarpa</i>	4-5'	stakes	53	440				493
Ninebark <i>Physocarpus capitatus</i>	12-24"	bare root		440				440
Thimbleberry <i>Rubus parviflorus</i>	12-24"	bare root	53					53
Salmonberry <i>Rubus spectabilis</i>	12-24"	bare root	53	440				493
Bald-hip Rose <i>Rosa gymnocarpa</i>	12-24"	bare root	53					53
Snowberry <i>Symphoricarpos albus</i>	12"	stakes	53					53
Pacific Willow <i>Salix lucida lasianдра</i>	4-5'	stakes		440	11,253	976		12,669
Red-osier Dogwood <i>Cornus sericea</i>	12-24"	stakes		440	11,253	976		12,669
Nootka Rose <i>Rosa nutkana</i>	12-24"	bare root		440				440
Cluster Rose <i>Rosa pisocarpa</i>	12-24"	bare root		440				440
Hooker's Willow <i>Salix hookeriana</i>	4-5'	stakes		440	11,253	976		12,669
Sitka Willow <i>Salix sitchensis</i>	4-5'	stakes			11,253	976		12,229
Slough Sedge <i>Carex obnupta</i>	3-6"	plug					1,437	1,437
Sawbeak Sedge <i>Carex stipata</i>	3-6"	plug					1,437	1,437
Tufted Hairgrass <i>Deschampsia cespotosa</i>	3-6"	plug					1,437	1,437
Hardstem Bulrush <i>Scirpus lacustris</i>	3-6"	plug					1,437	1,437
		<b>Total Plantings</b>	<b>424</b>	<b>3,524</b>	<b>45,012</b>	<b>3,902</b>	<b>5,748</b>	<b>58,609</b>

\*Total assumes plantings on a rectangular grid

**Native Seed Mixes**

Common Name	Scientific Name	% By Weight	Seeds / Lb of Mix	Pounds Pure Live Seed per Acre
<b>Wetland Emergent (3.8 acres)</b>				
Slough sedge	<i>Carex obnupta</i>	31	132,370	6.68
Sawbeak sedge	<i>Carex stipata</i>	30	157,500	6.47
Small-fruited bulrush	<i>Scirpus microcarpus</i>	3	204,000	0.65
Dagger-leaf rush	<i>Juncus ensifolius</i>	20.5	41,205	4.42
Slender rush	<i>Juncus tenuis</i>	0.5	80,000	0.11
Common spikerush	<i>Eleocharis palustris</i>	15	93,000	3.23
<b>Upland Herbaceous (11.2 acres)</b>				
Blue wildrye	<i>Elymus glaucus</i>	50	55,000	21.9
Red fescue	<i>Festuca rubra rubra</i>	30	10,000	13.1
California brome	<i>Bromus carniatus</i>	10	10,000	4.4
Spike bentgrass	<i>Agrostis exarata</i>	10	380,000	4.4

**REFERENCE NO:** NWS-2017-719

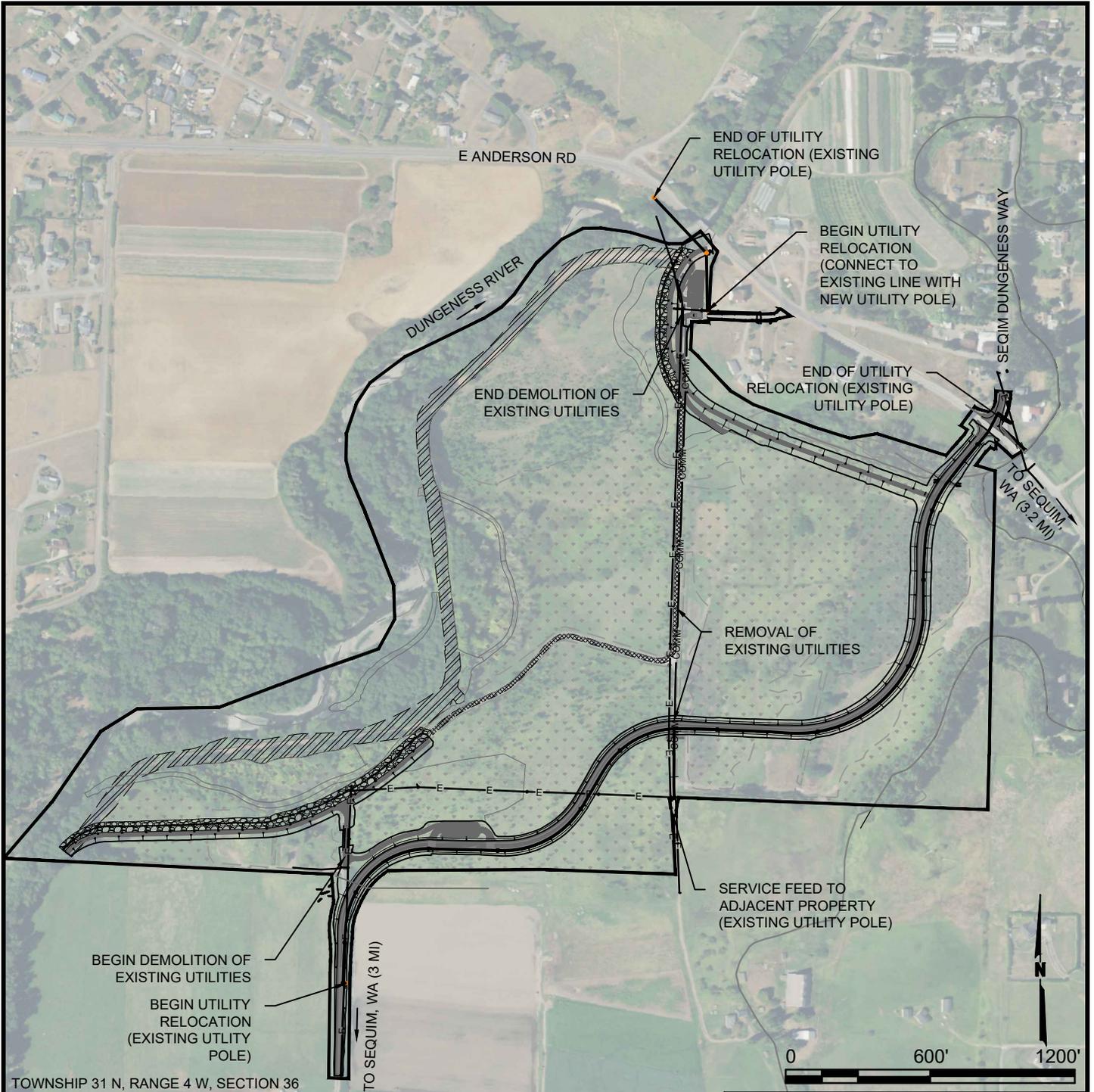
**APPLICANT NAME:** CLALLAM COUNTY

**PROPOSED PROJECT:**  
LOWER DUNGENESS RIVER  
FLOODPLAIN RESTORATION AND  
LEVEE REALIGNMENT PROJECT

**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** PLANTING SCHEDULE

**DATE:** REV. DECEMBER 2018  
**SHEET** 23 OF 25



TOWNSHIP 31 N, RANGE 4 W, SECTION 36

**LEGEND**

-  EXISTING LEVEE REMOVAL
-  WETLAND
-  PROJECT BOUNDARY
-  CONSTRUCTION LINE LIMITS
-  UTILITY RELOCATION
-  EXISTING OVERHEAD ELECTRICAL
-  EXISTING UNDERGROUND COMMUNICATIONS

**REFERENCE NO:** NWS-2017-719

**APPLICANT NAME:** CLALLAM COUNTY

**PROPOSED PROJECT:**  
 LOWER DUNGENESS RIVER  
 FLOODPLAIN RESTORATION AND  
 LEVEE REALIGNMENT PROJECT

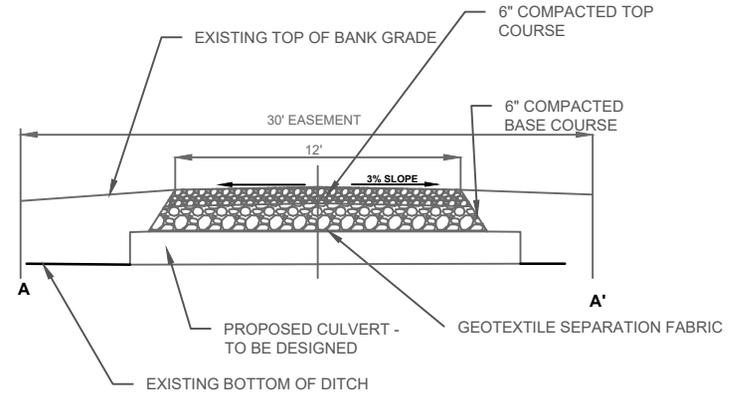
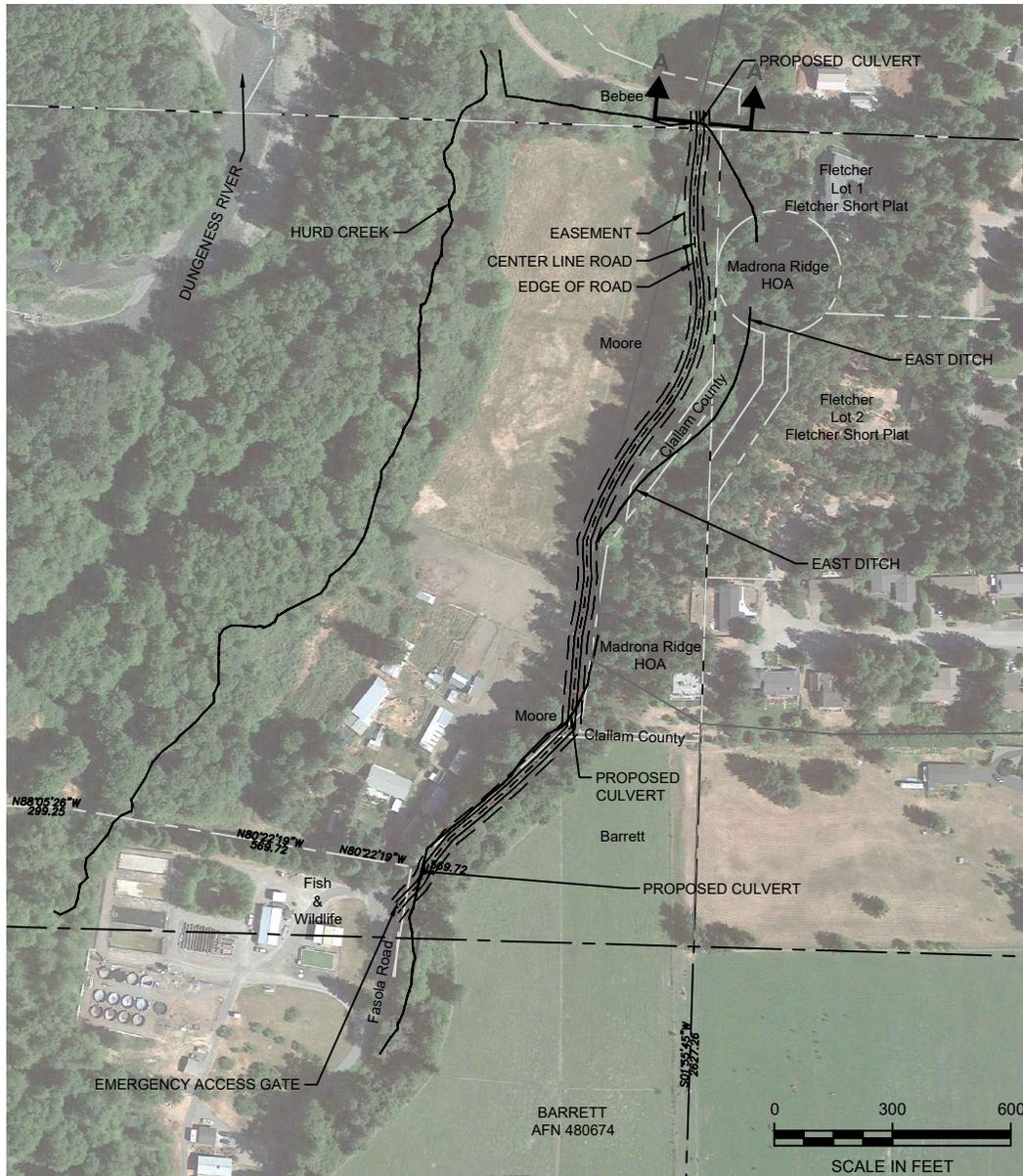
**LOCATION:** NEAR DUNGENESS, WA

**TITLE:** UTILITY RELOCATION

**DATE:** REV. DECEMBER 2018

**SHEET** 24 OF 25

File name: I:\EP21-1\_SEA12500\12559 DUNGENESS\CAD\Jmpra\_Sheets\25\_REAL ESTATE PLAN\_Working\_With\_FASOLA.dwg Layout: FASOLA Permitt & s11 JARRPA Date: 12-04-2018 Login: awp



- NOTES:**
1. GROUND SURFACE DATA DERIVED FROM 2017 SPRING LIDAR DATA.
  2. AERIAL PHOTO AND LIDAR WERE NOT ALIGNED. AERIAL ADJUSTED TO MATCH CONTOURS. NOT FOR CONSTRUCTION.
  3. HURD CREEK AND DITCHES ARE APPROXIMATE BASED ON LIDAR DATA.
  4. PIPE DATA APPROXIMATE AND BASED ON INFORMATION FROM CLALLAM CONSERVATION DISTRICT.

- LEGEND**
- Roadway Centerline
  - Edge of Gravel Road
  - - - Easement
  - Parcel Boundary
  - Creek Centerline
  - Existing Stormwater Pipe
  - Proposed Culverts

**REFERENCE NO:** NWS-2017-719  
**APPLICANT NAME:** CLALLAM COUNTY  
**PROPOSED PROJECT:**  
 LOWER DUNGENESS RIVER  
 FLOODPLAIN RESTORATION AND  
 LEVEE REALIGNMENT PROJECT  
**LOCATION:** NEAR DUNGENESS, WA  
**TITLE:** FASOLA ROAD SITE PLAN  
**DATE:** REV. DECEMBER 2018  
**SHEET** 25 OF 25