



WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

BLUE LAKE ACCESS REDEVELOPEMENT GT:A127:2020-1

INDEX

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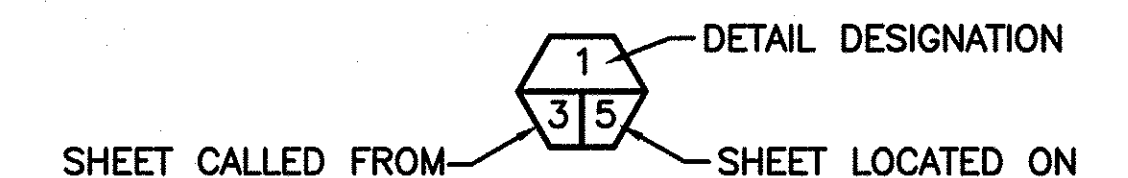
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"CALL BEFORE YOU DIG" 811

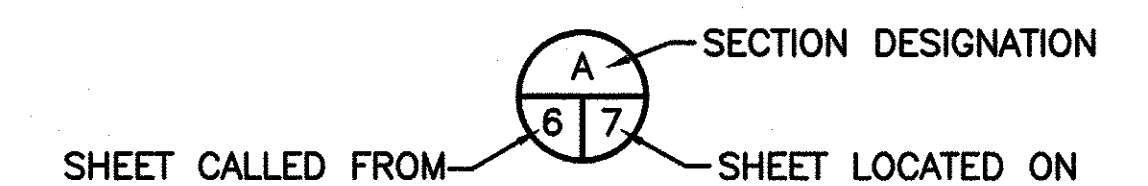
ABBREVIATIONS

ALUM	-	ALUMINUM
L	-	ANGLE
APPROX	-	APPROXIMATELY
BM	-	BENCH MARK
CL	-	CENTERLINE
CMP	-	CORRUGATED METAL PIPE
CLR	-	CLEARANCE
CONC	-	CONCRETE
CSBC	-	CRUSHED SURFACE BASE COURSE
CSTC	-	CRUSHED SURFACE TOP COURSE
DIA	-	DIAMETER
ELEV	-	ELEVATION
FB	-	FLAT BAR
FTG	-	FOOTING
GALV	-	GALVANIZED
ID	-	INSIDE DIAMETER
IE	-	INVERT ELEVATION
MFG	-	MANUFACTURER'S
MISC	-	MISCELLANEOUS
OC	-	ON CENTER
OD	-	OUTSIDE DIAMETER
PL	-	PLATE
PC	-	POINT OF CURVATURE
PT	-	POINT OF TANGENCY
REQ'D	-	REQUIRED
SEC	-	SECTION
SPEC'S	-	PROJECT SPECIFICATIONS
SS	-	STAINLESS STEEL
TYP	-	TYPICAL
WS	-	WATER SURFACE
NIC	-	NOT IN CONTRACT

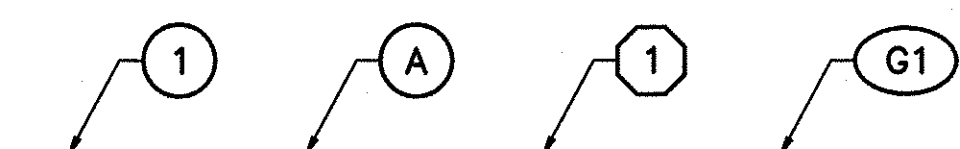
SHEET SYMBOLS



DETAIL



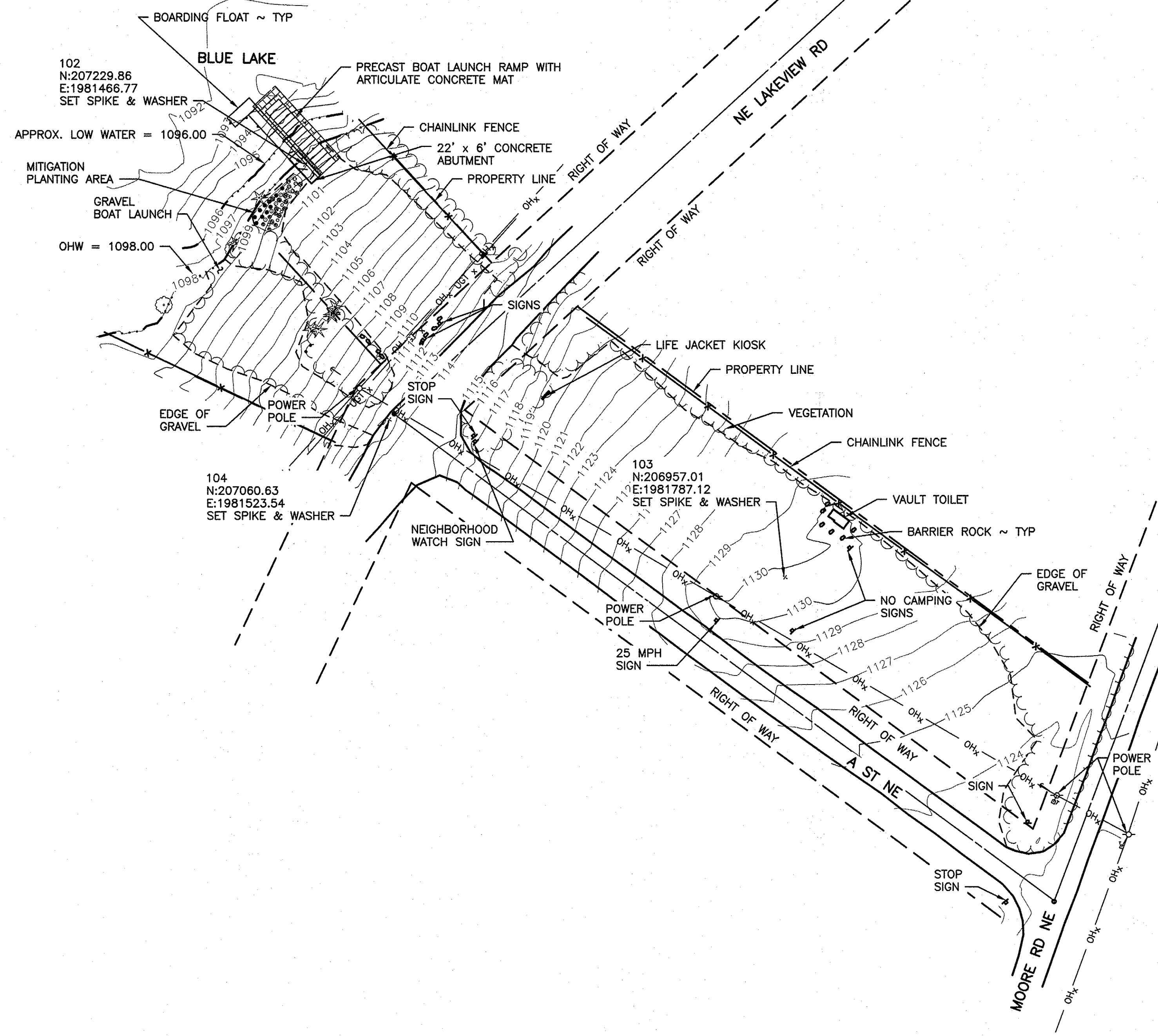
SECTION



NOTE REFERENCE

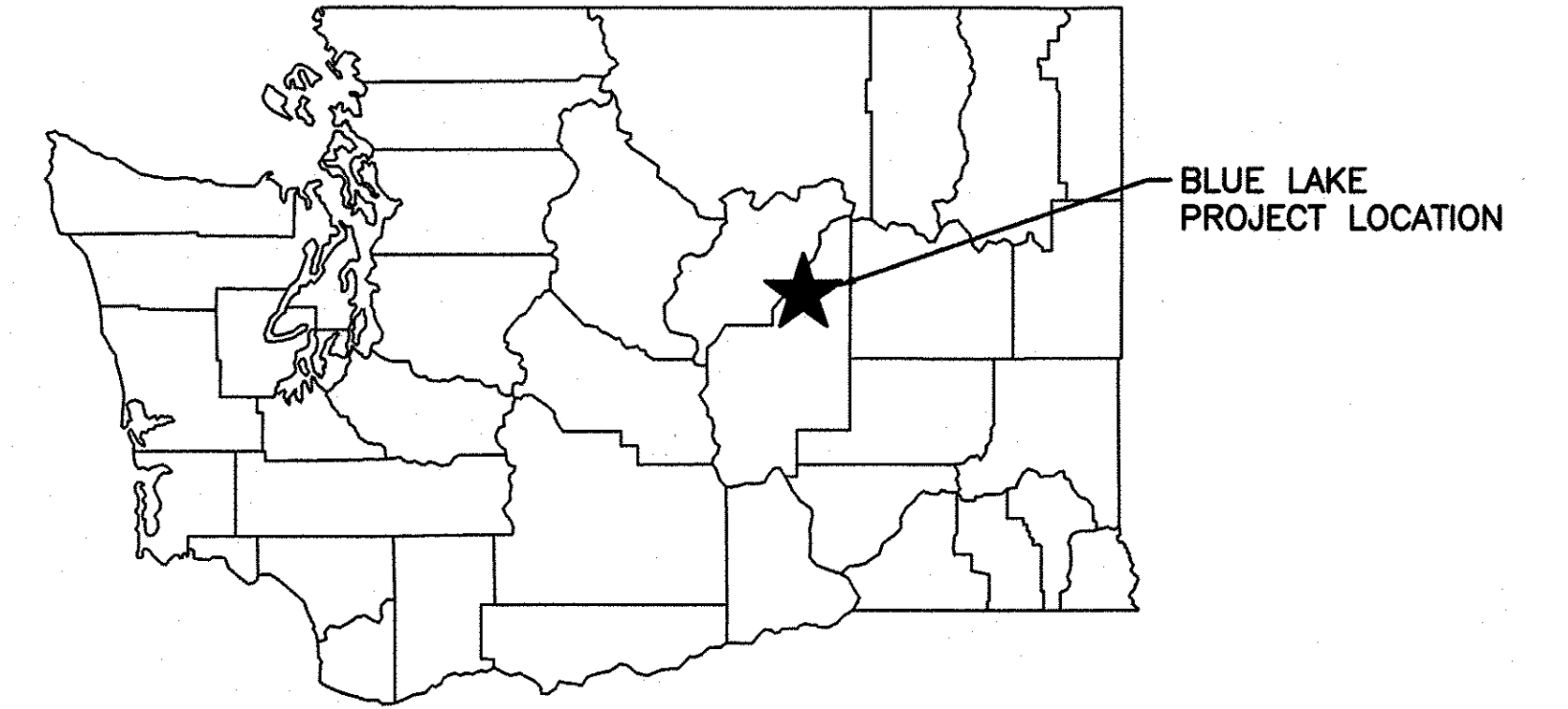
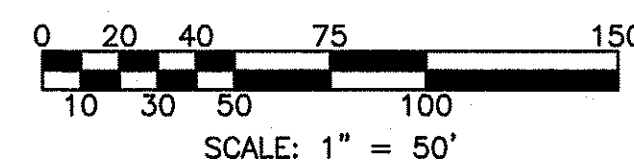
REFERENCE DESIGNATION TO NOTE,
PART OR MATERIAL IN A
SCHEDULE/TABLE

PROJECT NO. GT:A127:2020-1	
SHEET 1	OF 8

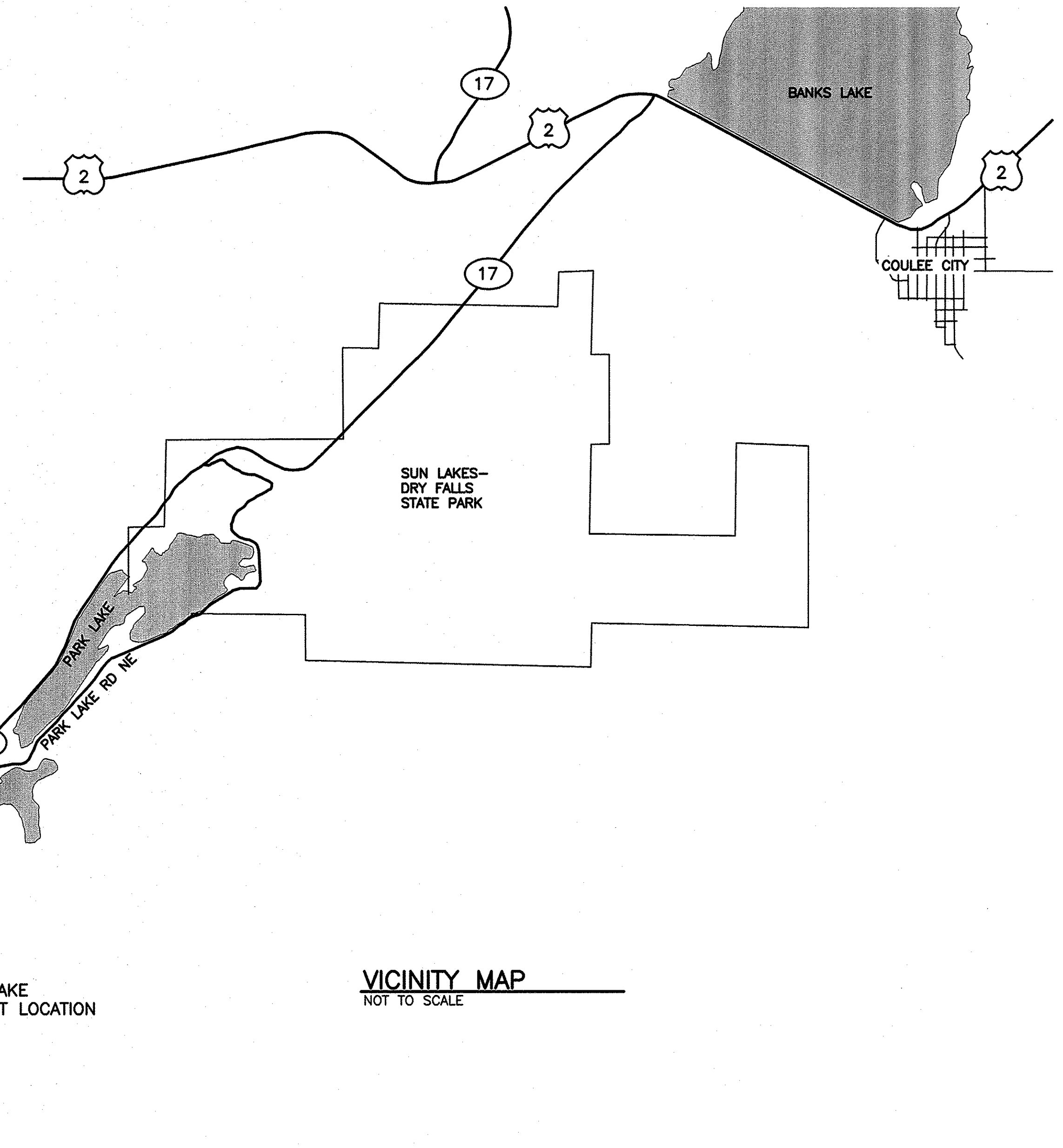


EXISTING SITE PLAN

SCALE: 1" = 50'

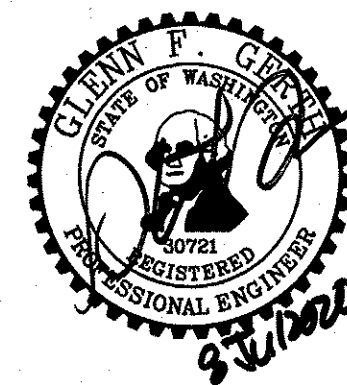


STATE MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

WASHINGTON STATE
DEPARTMENT OF FISH AND WILDLIFE



SYM	DATE	REVISION DESCRIPTION	BY
APPROVED AND RELEASED FOR CONSTRUCTION			
CHIEF ENGINEER		DATE: 07/07/2020	
PROGRAM		DATE:	

0	1"
BAR MEASURES ONE INCH ON ORIGINAL DRAWINGS	
DESIGNED BY	J. HANSEN
CHECKED BY	D. SMITH
DRAWN BY	D. HENNING
DATE	07/07/2020

BLUE LAKE ACCESS
REDEVELOPEMENT
EXISTING SITE PLAN
STATE & VICINITY MAP

PROJECT NO. GT:A127:2020-1	
SHEET	OF
2	8



STRAW WATTLES ~ TYP.

APPROX. LOW WATER = 1096.00

OHW = 1096.00

GRAVEL BOAT LAUNCH

REMOVE OLD SIGN POST

EDGE OF GRAVEL ~ TYP

PROPERTY LINE

POWER POLE

NEIGHBORHOOD WATCH SIGN

STOP SIGN

RELOCATE BOAT LAUNCH INFO SIGNS PER SHEET 4

RELOCATE LIFE JACKET KIOSK PER SHEET 4

VEGETATION ~ TYP

PROPERTY LINE

VAULT TOILET

BARRIER ROCK TO BE RELOCATED PER SHEET 8

POWER POLE

EDGE OF GRAVEL

NO CAMPING SIGN

112' GRAVEL CAMPING AREA TO BE GRADED

25 MPH SIGN

A ST NE

RIGHT OF WAY

STOP SIGN

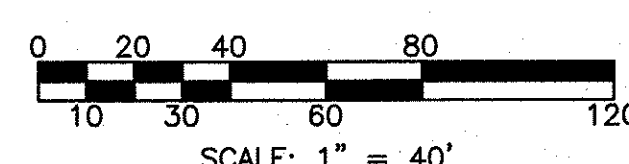
MOORE RD NE

POWER POLE

POWER POLE

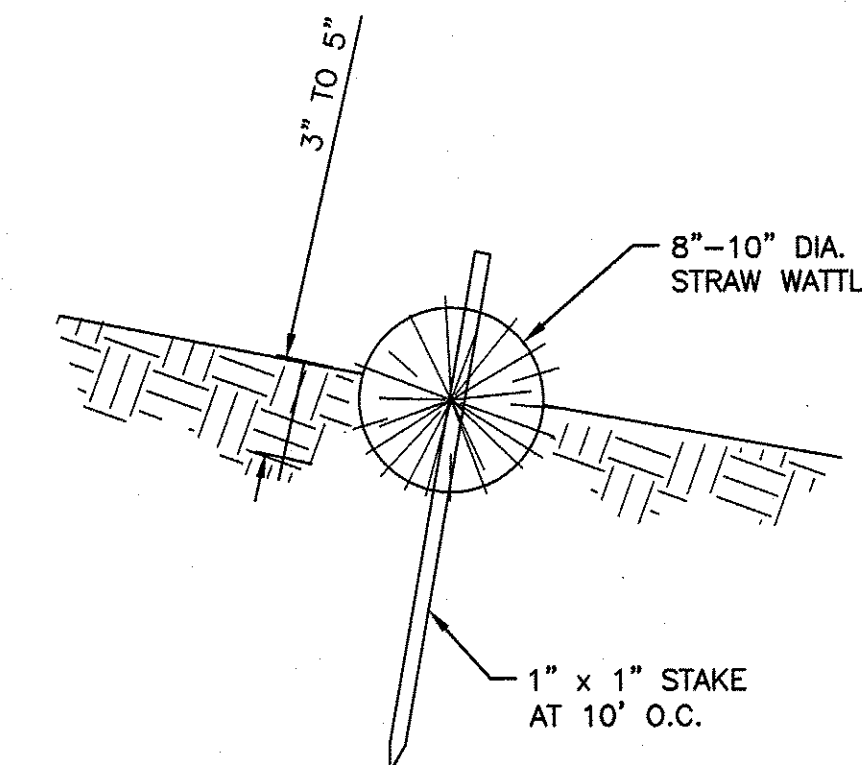
DEMOLITION & EROSION CONTROL PLAN

SCALE: 1" = 40'



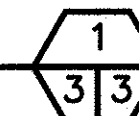
EROSION CONTROL NOTES:

1. THE IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN AND CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THE EROSION AND SEDIMENT CONTROL MEASURES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE UNTIL FINAL ACCEPTANCE BY THE OWNER AND ALL PERMITS RELATED TO TEMPORARY EROSION AND SEDIMENT CONTROL ARE TERMINATED.
2. THE MEASURES SHOWN ON THESE PLANS ARE THE MINIMUM THAT ARE REQUIRED FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES AS NEEDED DUE TO WEATHER, AND/OR FIELD CONDITIONS, AND/OR CONSTRUCTION ACTIVITIES, AND/ OR AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL SUBMIT AND HAVE A DETAILED STORM WATER POLLUTION PREVENTION PLAN, STAMPED AND SIGNED BY A CIVIL ENGINEER REGISTERED IN THE STATE OF WASHINGTON ACCEPTED BY THE ENGINEER AND SHALL INSTALL ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES (TESC's) PRIOR TO PERFORMING ANY CLEARING OR OTHER EARTH DISTURBING ACTIVITIES AT THE PROJECT SITE.
4. THE CONTRACTOR SHALL USE ALL REASONABLE MEASURES TO MINIMIZE THE IMPACTS OF CONSTRUCTION ACTIVITY ON WATERS OF THE STATE. WATER QUALITY CONSTITUENTS OF PARTICULAR CONCERN ARE TURBIDITY, SUSPENDED SEDIMENTS, SETTLEABLE SOLIDS.
5. THE CONTRACTOR SHALL USE PROPER EROSION AND SEDIMENT CONTROL PRACTICES ON THE CONSTRUCTION SITE AND ADJACENT CONSTRUCTION STAGING AREAS TO PREVENT EROSION IN AND DOWNHILL OF DISTURBED AREAS, AND TO PREVENT THE DISCHARGE OF UPLAND SEDIMENTS OR SEDIMENT-LADEN WATER INTO WETLANDS, WATER BODIES, AND LOCAL DRAINAGE DITCHES. EXCEPT FOR TEMPORARILY SIDECAST OR TRENCH EXCAVATION, ALL STOCKPILES SHALL BE LOCATED NO CLOSER THAN 100 FEET FROM THE BOUNDARY OF ANY CRITICAL AREA.
6. THE CONTRACTOR SHALL FOLLOW AND IMPLEMENT ALL SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL SPECIFIED IN THE CONTRACT DOCUMENTS. ADJUSTMENTS TO PLANNED EROSION AND SEDIMENT CONTROL MAY BE NECESSARY TO SUCCESSFULLY CONTROL SILTATION FROM THE SITE WHICH IS NOT COVERED UNDER THIS TEMPORARY EROSION AND SEDIMENT CONTROL PLAN.
7. RESTORE, PLANT AND HYDROSEED ALL DISTURBED AREAS, WHERE NO SPECIFIC SEED MIX IS INDICATED, HYDROSEED DISTURBED AREA WITH EROSION CONTROL SEED MIX.
8. THE TESC'S SHALL REMAIN IN PLACE THROUGHOUT THE WORK. INSTALLED EROSION AND SEDIMENT CONTROL MEASURES SHALL ONLY BE REMOVED UPON STABILIZATION OF DISTURBED AREAS AND WITH THE APPROVAL OF THE ENGINEER.
9. THE CONTRACTOR SHALL SEED, PLANT, COVER WITH PLASTIC, MULCH, OR PROVIDE SOME OTHER EQUIVALENT TYPE OF PROTECTION AGAINST EROSION TO ALL EARTHEN AREAS DISTURBED OR NEWLY CREATED BY THE PROJECT CONSTRUCTION.
10. THE CONTRACTOR SHALL PROVIDE REGULAR INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT ALL TIMES. THE CONTRACTOR SHALL REPAIR, REPLACE, AND INSTALL ADDITIONAL MEASURES SO THAT THEY ARE EFFECTIVE IN PREVENTING EROSION AND SEDIMENTATION.
11. AFTER ANY SIGNIFICANT RAINFALL, THE CONTRACTOR SHALL INSPECT SEDIMENT CONTROL STRUCTURES FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND REPAIRED IMMEDIATELY.
12. FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION, THE DISTURBED AREAS, AND ACHIEVE AN ADEQUATE VEGETATIVE COVER BEFORE REMOVING ANY SEDIMENT TRAPS OR SETTLING BASINS AND THEIR ASSOCIATED TEMPORARY DIVERSION DITCHES. THE CONTRACTOR SHALL CLEAN OUT TEMPORARY SETTLING BASINS (SEDIMENT TRAPS) AND REMOVE THE SETTLED SEDIMENTS OR HYDROSEED THE AREA (IF IN BARE PASTURE LAND) BEFORE REMOVING THE SETTLING BASINS. SETTLED SEDIMENTS SHALL NOT BE ALLOWED TO ENTER ANY STREAM OR DITCH AS A RESULT OF RUNOFF THAT MAY OCCUR AFTER CONSTRUCTION IS COMPLETED.
13. THE IMPLEMENTATION OF THESE EROSION AND SEDIMENT CONTROL PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
14. THE BOUNDARIES OF THE CLEARING LIMITS SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.



STRAW WATTLE DETAIL

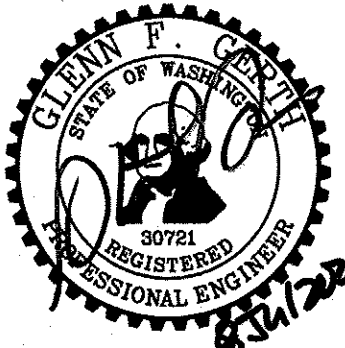
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS:

1. PREPARE THE SLOPE BEFORE THE WATTLE INSTALLATION.
2. SHALLOW GULLIES SHALL 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. ROLLS SHALL BE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR.
5. BEGIN BUILDING TRENCHES AND INSTALLING 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 ROLLS ALONG THE TRENCHES FITTING THEM SNUGLY AGAINST THE SOIL. ELIMINATE 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 STAKES THROUGH PREPARED HOLES 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 O.C. MIN. 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 GULLIES.
14. RESEED OR REPLANT VEGETATION IF NECESSARY UNTIL THE SLOPE IS STABILIZED.

WASHINGTON STATE
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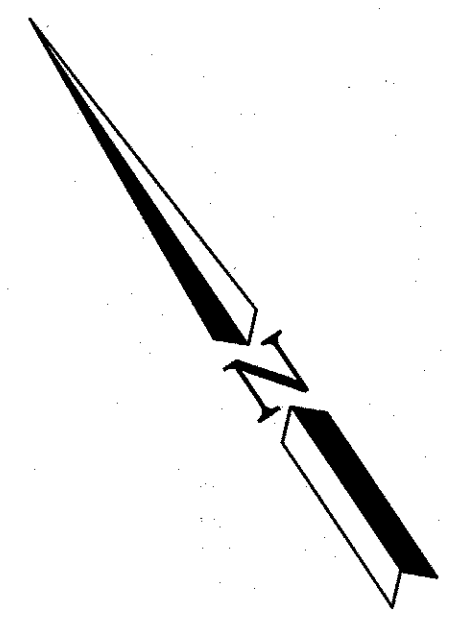


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APPROVED AND RELEASED FOR CONSTRUCTION			
CHIEF ENGINEER			
PROGRAM			

0	1"
BAR MEASURES ONE INCH ON ORIGINAL DRAWINGS	
DESIGNED BY	J. HANSEN
CHECKED BY	D. SMITH
DRAWN BY	D. HENNING
DATE	07/07/2020

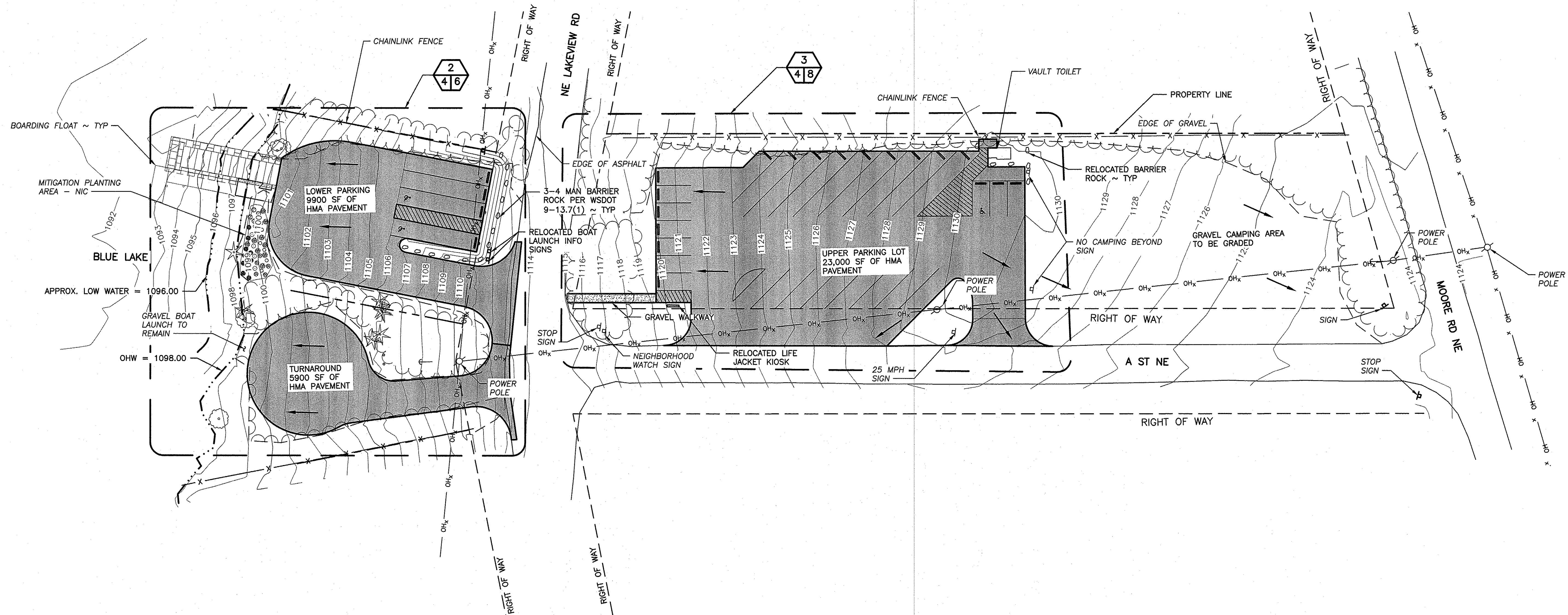
BLUE LAKE ACCESS
REDEVELOPEMENT
DEMOLITION & EROSION CONTROL
PLAN & DETAILS

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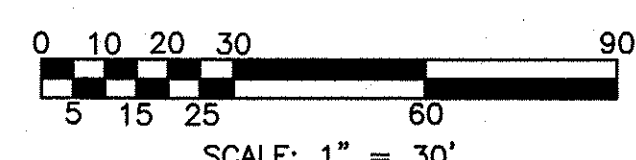


CUT AND FILL (INCLUDES CSBC GRAVEL)				
CUT BELOW OHW	CUT ABOVE OHW	FILL BELOW OHW	FILL ABOVE OHW	NET
1 CY	1124.3 CY	0 CY	566.0 CY	556.3 CY (CUT)

APPROX. QUANTITIES	
MATERIAL	AMOUNT
HMA (COMPACTED ASPHALT)	370.0 CY
CSTC GRAVEL	250.0 CY
CSBC GRAVEL	135.0 CY
BARrier ROCK	18

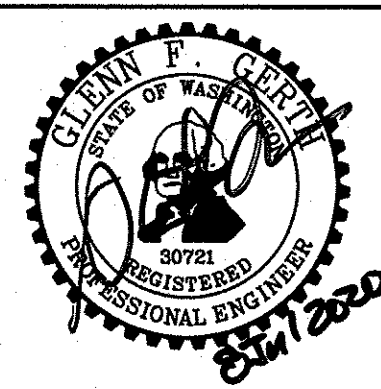


PROPOSED SITE PLAN
SCALE: 1" = 30'



LEGEND
HMA CL 1/2" PG64-28 WSDOT 5-04

WASHINGTON STATE
DEPARTMENT OF FISH AND WILDLIFE

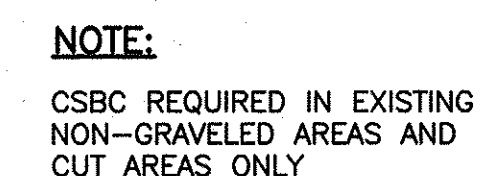
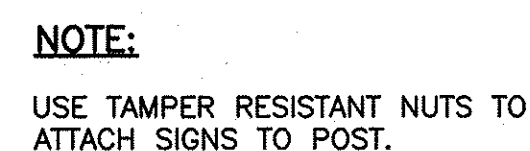
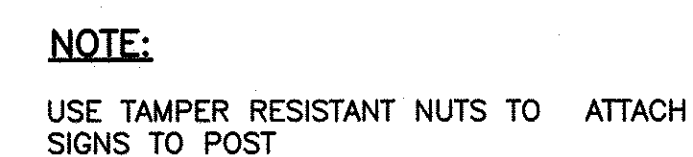


SYM		DATE	REVISION DESCRIPTION	BY
			APPROVED AND RELEASED FOR CONSTRUCTION	
CHIEF ENGINEER			DATE: 8/11/2020	
PROGRAM			DATE:	
			DESIGNED BY J. HANSEN	
			CHECKED BY D. SMITH	
			DRAWN BY D. HENNING	
			DATE 07/07/2020	

0 1"
BAR MEASURES
ONE INCH ON
ORIGINAL DRAWINGS

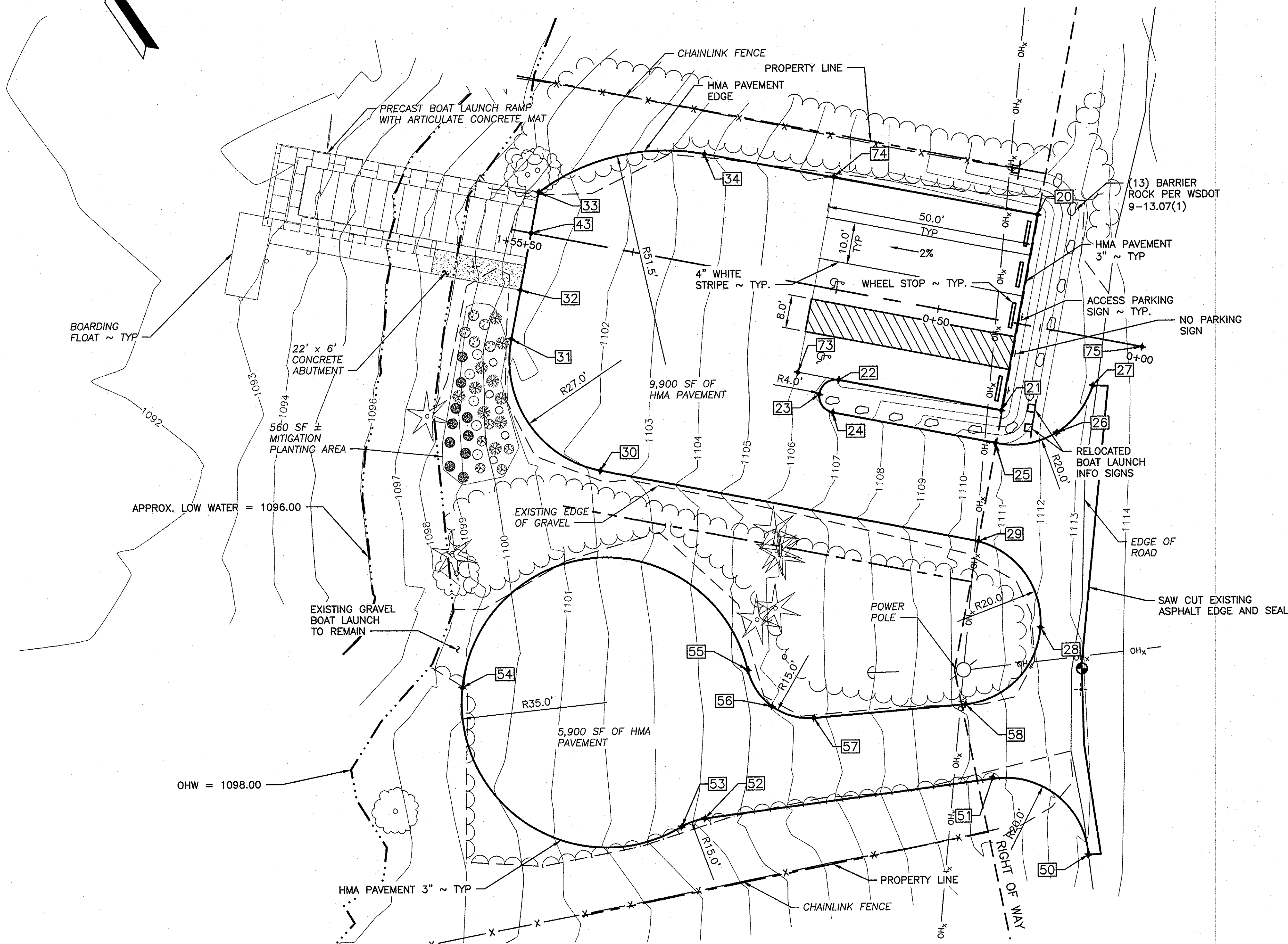
BLUE LAKE ACCESS REDEVELOPEMENT PROPOSED SITE PLAN & QUANTITIES TABLE	

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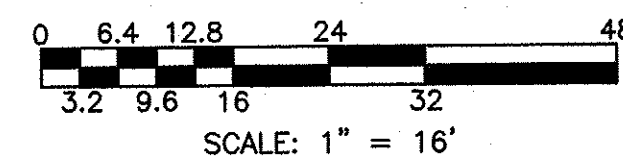
BOAT RAMP & LOWER PARKING

POINT #	EASTING	NORTHING	FG	DESCRIPTION
20	1981583.62	207158.55	1107.00	CORNER ADA PARKING LOT
21	1981548.39	207125.95	1107.00	CORNER ADA PARKING LOT
22	1981521.25	207155.27	1106.20	PT EDGE OF ASPHALT
23	1981515.43	207155.31	1107.16	MIDDLE OF EDGE OF ASPHALT
24	1981515.39	207149.85	1107.08	PC EDGE OF ASPHALT
25	1981542.53	207120.53	1110.98	PT EDGE OF ASPHALT
26	1981555.85	207113.70	1112.35	MIDDLE OF EDGE OF ASPHALT
27	1981569.62	207117.57	1113.37	PC EDGE OF ASPHALT
28	1981524.69	207078.42	1112.42	MIDDLE OF EDGE OF ASPHALT
29	1981525.08	207104.05	1110.44	PC EDGE OF ASPHALT
30	1981462.05	207172.16	1102.10	PC EDGE OF ASPHALT
31	1981463.77	207210.41	1100.58	PT EDGE OF ASPHALT
32	1981472.60	207218.54	1100.54	EDGE OF ASPHALT
33	1981490.21	207234.85	1100.25	EDGE OF ASPHALT
34	1981527.83	207218.34	1103.52	PC EDGE OF ASPHALT
43	1981482.88	207228.05	1100.42	EDGE OF ASPHALT
50	1981501.16	207027.58	1113.24	PC CORNER ENTRY TURNAROUND
51	1981493.77	207056.31	1110.74	PT (ENTRY TO TURNAROUND)
52	1981432.13	207089.89	1104.27	PC (END OF ENTRY)
53	1981426.40	207091.65	1103.75	PT (END OF ENTRY)
54	1981404.02	207150.17	1098.91	MIDDLE OF TURNAROUND
55	1981461.84	207112.41	1105.53	PT (BEGINNING OF TURNAROUND)
56	1981461.26	207101.90	1106.11	MIDDLE OF TURNAROUND
57	1981467.73	207093.60	1106.72	PC(END OF ENTRY TURNAROUND)
58	1981499.04	207074.39	1110.31	PT BEGINNING OF TURNAROUND
73	1981514.43	207162.65	1106.00	END OF STALL
74	1981549.66	207195.25	1106.00	END OF ADA STALL
75	1981584.75	207117.96	1114.34	CONTROL PT



BOAT RAMP & LOWER PARKING AREA

SCALE: 1" = 16'



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DEPARTMENT OF FISH AND WILDLIFE

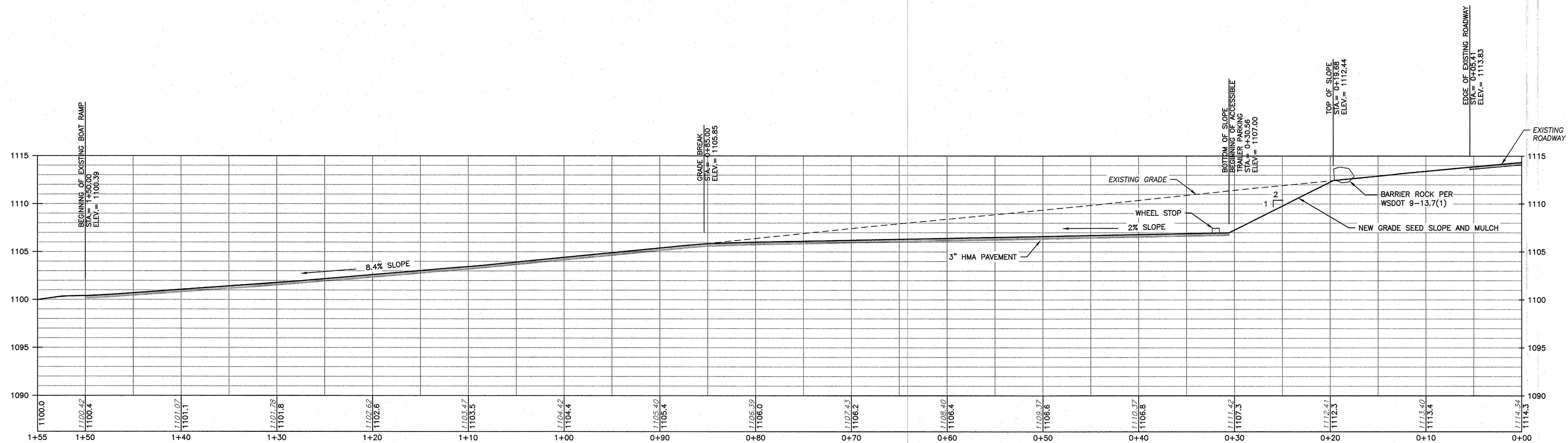


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CHIEF ENGINEER			
PROGRAM			

DESIGNED BY	J. HANSEN
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DRAWN BY	D. HENNING
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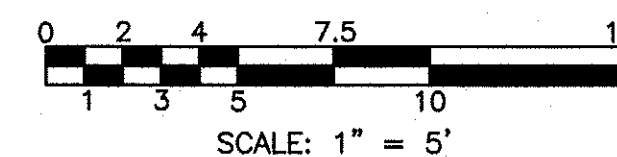
BLUE LAKE ACCESS
REDEVELOPEMENT
BOAT RAMP, LOWER PARKING AREA
& POINT TABLE

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SHEET
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OF
8

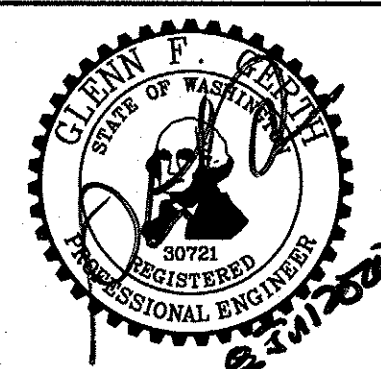


ACCESSIBLE TRAILER PARKING PROFILE

SCALE: 1" = 5'



WASHINGTON STATE
DEPARTMENT OF FISH AND WILDLIFE

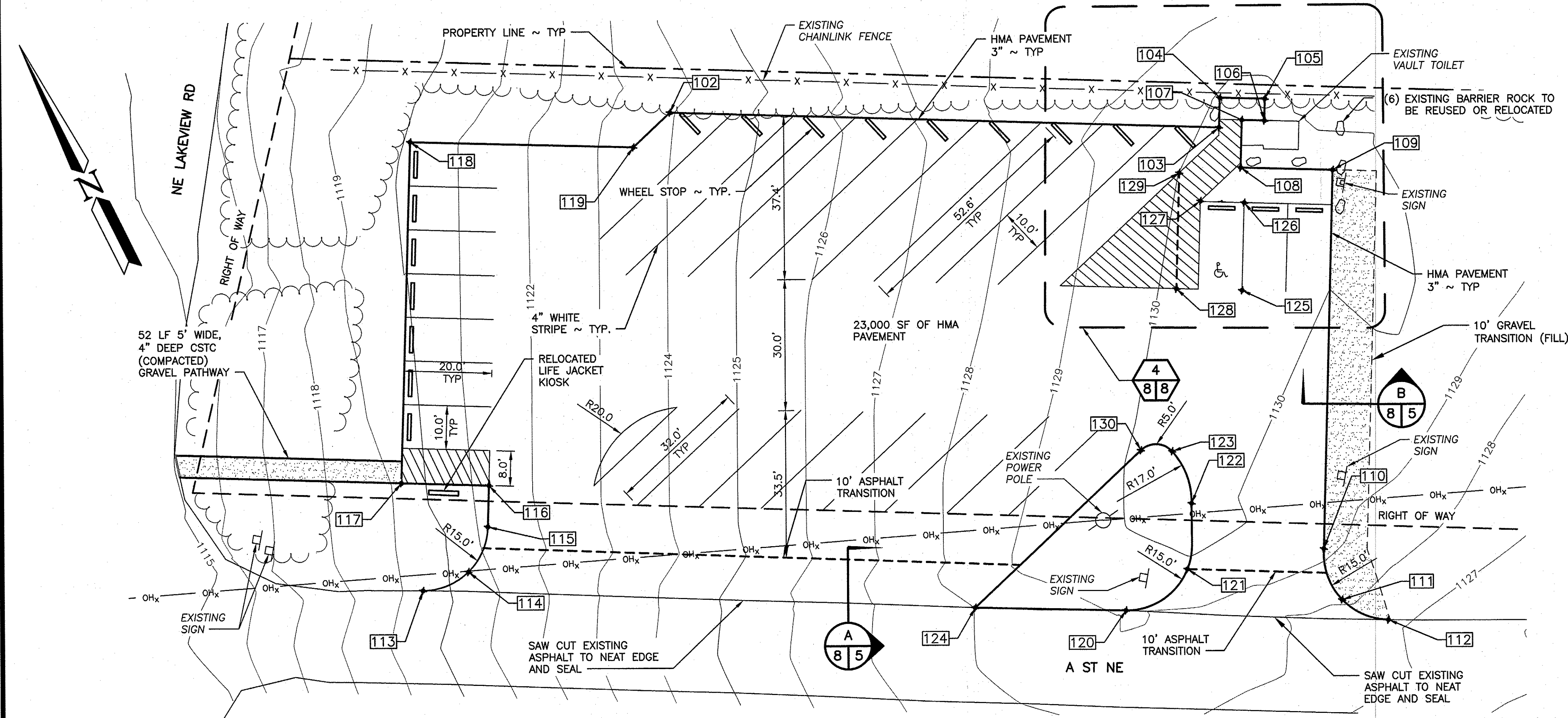


SYM	DATE	REVISION DESCRIPTION	BY
APPROVED AND RELEASED FOR CONSTRUCTION			
CHIEF ENGINEER		DATE: 8/11/2020	
PROGRAM		DATE:	

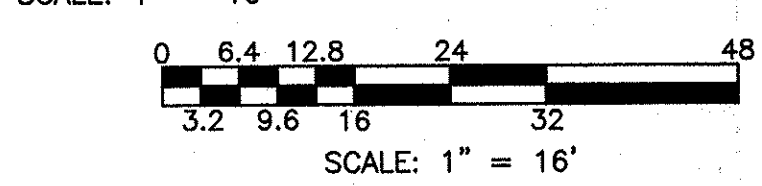
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BLUE LAKE ACCESS
REDEVELOPEMENT
ACCESSIBLE TRAILER PARKING
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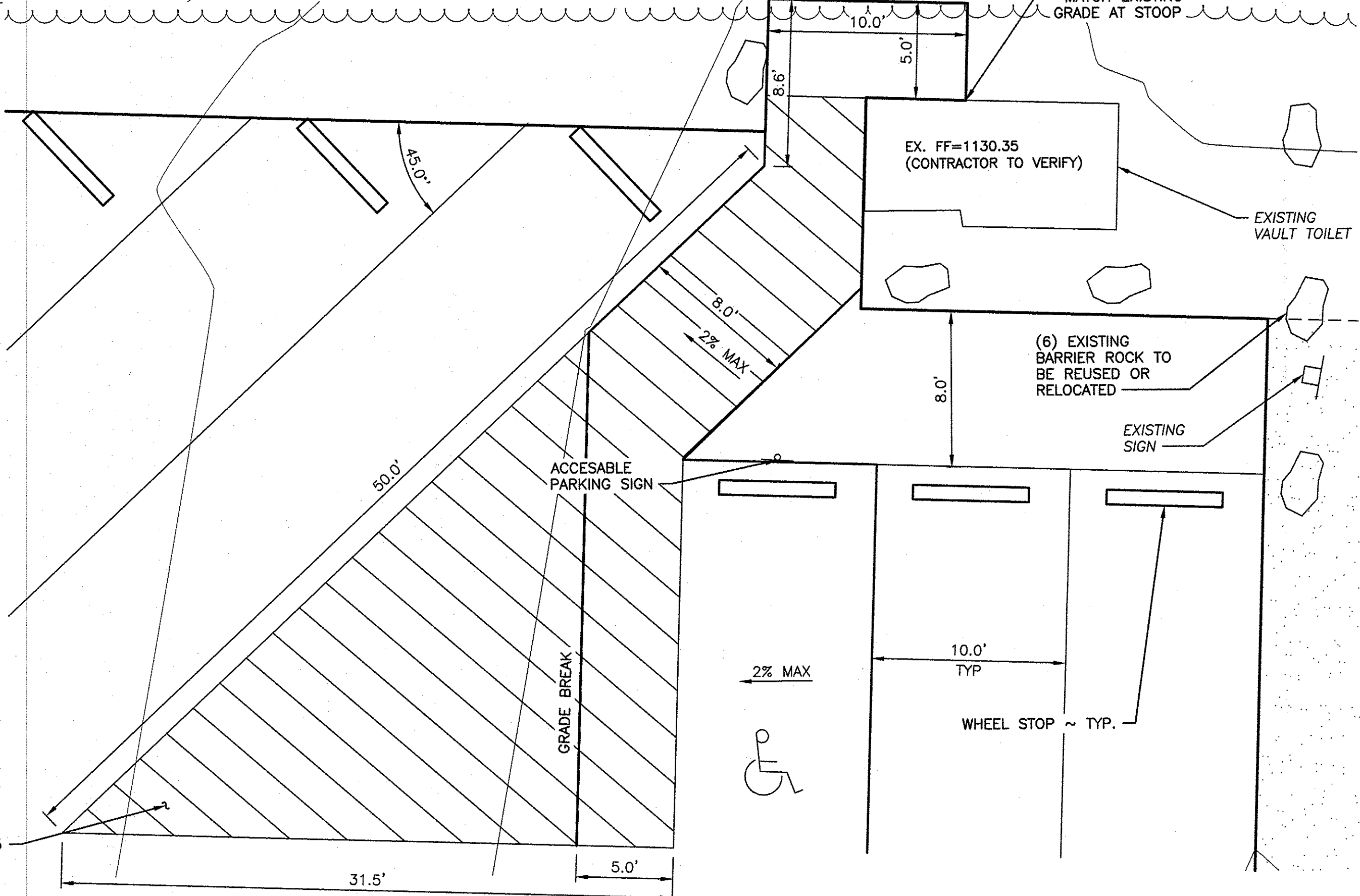
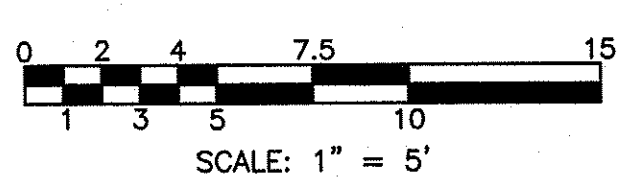
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UPPER PARKING AREA



3
4 8



UPPER ADA PARKING AREA

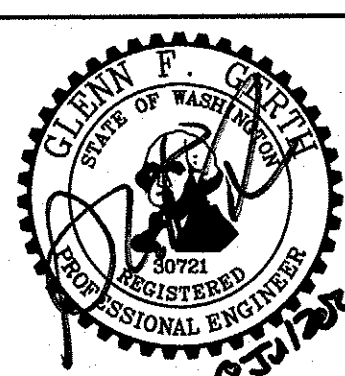
SCALE: 1" = 5'

4
8 8

UPPER PARKING

POINT #	EASTING	NORTHING	FG	DESCRIPTION
102	1981712.75	207076.97	1123.94	CORNER EDGE OF ASPHALT
103	1981814.13	207003.01	1130.27	ADA PARKING CORNER
104	1981818.15	207008.51	1129.86	SIDEWALK EDGE OF ASPHALT
105	1981826.47	207002.50	1130.08	SIDEWALK EDGE OF ASPHALT
106	1981823.56	206998.44	1130.35	RESTROOM SIDEWALK END OF ASPHALT
107	1981819.40	207001.49	1130.35	ASPHALT AT BATHROOM
108	1981813.00	206992.68	1130.35	ASPHALT CORNER EDGE
109	1981830.00	206980.33	1130.37	ASPHALT CORNER EDGE
110	1981779.20	206910.24	1129.19	PT EDGE OF ASPHALT
111	1981776.02	206898.30	1128.21	EDGE OF ASPHALT
112	1981782.12	206888.50	1127.26	PC EDGE OF ASPHALT
113	1981604.25	207018.99	1119.42	BEGINNING OF ARCH
114	1981615.24	207016.66	1120.51	MIDDLE OF ARCH
115	1981624.76	207022.62	1121.22	END OF ARCH
116	1981630.31	207030.26	1121.36	ASPHALT CORNER
117	1981614.12	207042.04	1119.46	ASPHALT CORNER
118	1981660.06	207105.07	1120.26	ASPHALT CORNER
119	1981701.38	207075.20	1123.50	ASPHALT CORNER
120	1981733.97	206924.25	1129.15	PC EDGE OF ASPHALT
121	1981750.89	206924.06	1129.85	EDGE OF ASPHALT
122	1981760.19	206935.88	1130.54	PT EDGE OF ASPHALT
123	1981763.28	206948.19	1130.41	PC EDGE OF ASPHALT
124	1981705.96	206944.30	1128.01	EDGE OF ASPHALT
125	1981797.36	206969.44	1130.40	CORNER OF ADA PARKING
126	1981809.12	206985.62	1130.40	CORNER OF ADA AT SIDEWALK
127	1981801.10	206991.60	1130.20	CORNER OF ADA AT SIDEWALK
128	1981785.23	206978.25	1130.18	CORNER OF ADA IN STRIPED AREA
129	1981800.76	206999.64	1130.01	CORNER OF ADA IN STRIPED AREA
130	1981757.55	206952.45	1130.14	PT EDGE OF ASPHALT

WASHINGTON STATE
DEPARTMENT OF FISH AND WILDLIFE



SYM	DATE	REVISION DESCRIPTION	BY
		APPROVED AND RELEASED FOR CONSTRUCTION	
CHIEF ENGINEER	02/10	DATE: 02/12/2020	
PROGRAM		DATE: 07/07/2020	

0 1"
BAR MEASURES
ONE INCH ON
ORIGINAL DRAWINGS

BLUE LAKE ACCESS
REDEVELOPEMENT
UPPER PARKING SITE
SECTION, DETAILS & POINT TABLES

PROJECT NO.
GT:A127:2020-1
SHEET
8
OF
8