INDEX

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SHEET NO.	PLAN REFERENCE NO.	TITLE

PLAN REFERENCE NO.

SHEET OF SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

CONCEPTUAL
NOT FOR CONSTRUCTION

SR 16 MP 28.60

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PLOTTED BY	wilsopau
DESIGNED BY	P. WILSON
ENTERED BY	P. WILSON
CHECKED BY	R. PARKER
PROJ. ENGR.	M. STEINGREBE
REGIONAL ADM.	S. ROARK

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6547

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

INDEX - CROSSING C

PLAN REF. NO. IN1-C

SHEET OF SHEETS

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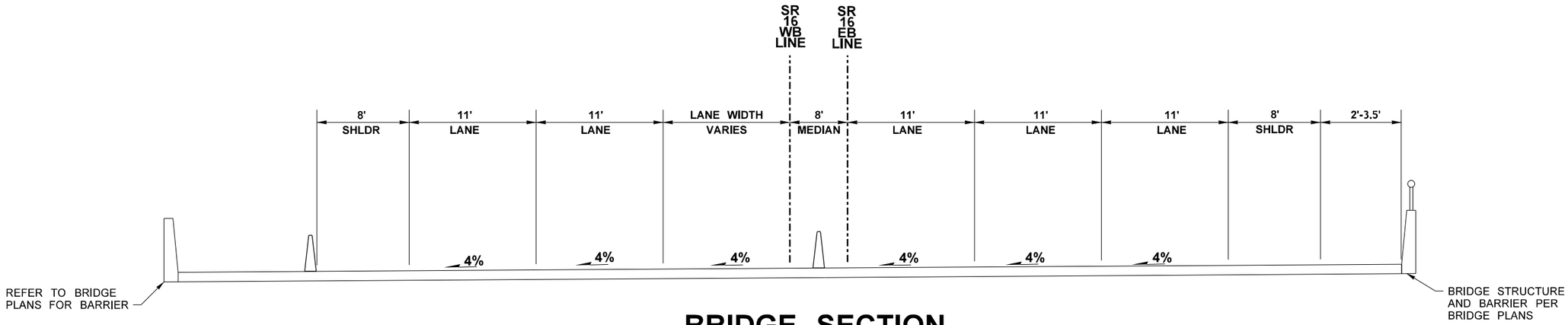
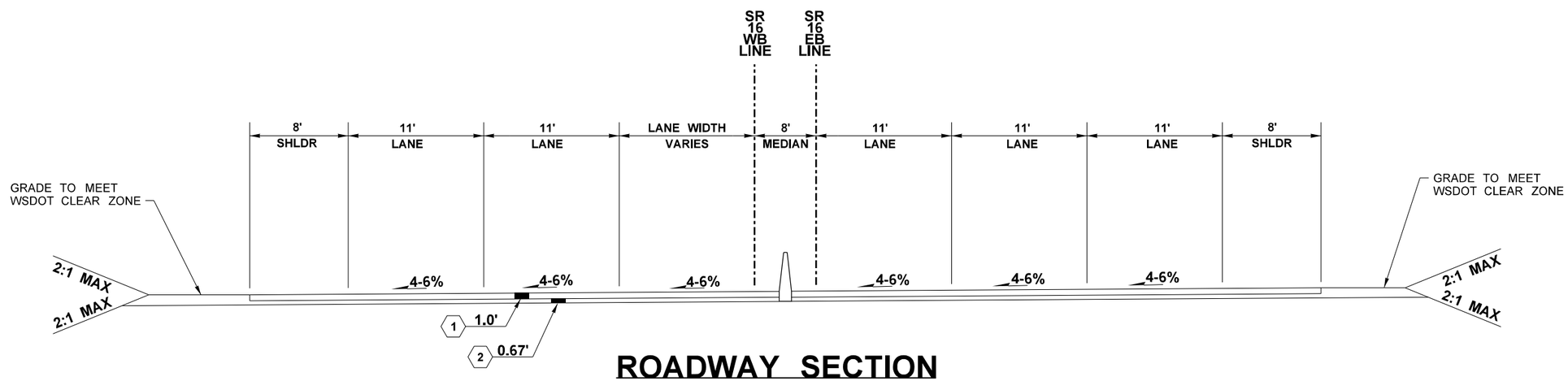


BRIDGE SECTION

SR16 RECONSTRUCTION
KABELAC CREEK
STA EB: 307+98.80 TO 309+05.43
STA WB: 357+85.61 TO 358+92.57



ROADWAY SECTION

SR16 RECONSTRUCTION
KABELAC CREEK
STA EB: 306+10.59 TO 307+98.80
309+05.43 TO 311+14.66
STA WB: 356+00.41 TO 357+85.61
358+92.57 TO 361+00.92

LEGEND

1. HMA CL. 1/2" PG 58H-22 MATCH EXISTING DEPTH
2. CRUSHED SURFACING BASE COURSE MATCH EXISTING DEPTH

NOT TO SCALE

CONCEPTUAL
NOT FOR CONSTRUCTION

SR 16 MP 28.60

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DESIGNED BY	M. VASSEY
ENTERED BY	P. WILSON
CHECKED BY	R. PARKER
PROJ. ENGR.	M. STEINGREBE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO.
LOCATION NO. XL6547

P.E. STAMP BOX DATE
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SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

ROADWAY SECTIONS

PLAN REF NO RS1-C
SHEET OF SHEETS

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T.24N. R.1E. W.M.

CREEK ALIGNMENT DATA - KC LINE

STATION	TANGENT LENGTH	TANGENT BEARING AHEAD	STATION	TANGENT LENGTH	TANGENT BEARING AHEAD
3+00.00 POB	4.47	S 57°32'18.0" E	6+20.94 PC	*	
3+04.47 PI	2.54	N 62°05'20.1" E	6+66.60 PT	22.87	S 13°05'13.1" W
3+07.01 PI	9.07	S 65°35'04.2" E	6+89.47 PC	*	
3+16.07 PI	9.41	S 45°20'54.4" E	7+29.30 PT	1.97	S 24°57'20.2" E
3+25.48 PI	96.28	S 49°26'21.6" E	7+31.27 PC	*	
4+21.77 PC	*		7+92.26 PT	9.97	S 33°17'05.2" W
4+42.00 PT	8.77	S 68°45'21.1" E	8+02.23 PC	*	
4+50.77 PI	6.84	S 72°01'24.1" E	8+19.03 PT	196.17	S 21°15'14.8" W
4+57.61 PI	38.34	S 75°17'27.1" E	10+15.20 PC	*	
4+95.95 PC	*		10+73.55 PT	4.63	S 88°07'05.1" W
5+66.98 PT	11.76	S 7°27'37.6" E	10+78.18 PC	*	
5+78.74 PC	*		11+51.12 PT	41.45	S 4°32'26.9" W
6+02.88 PT	18.07	S 30°30'40.3" E	11+92.56 POE		

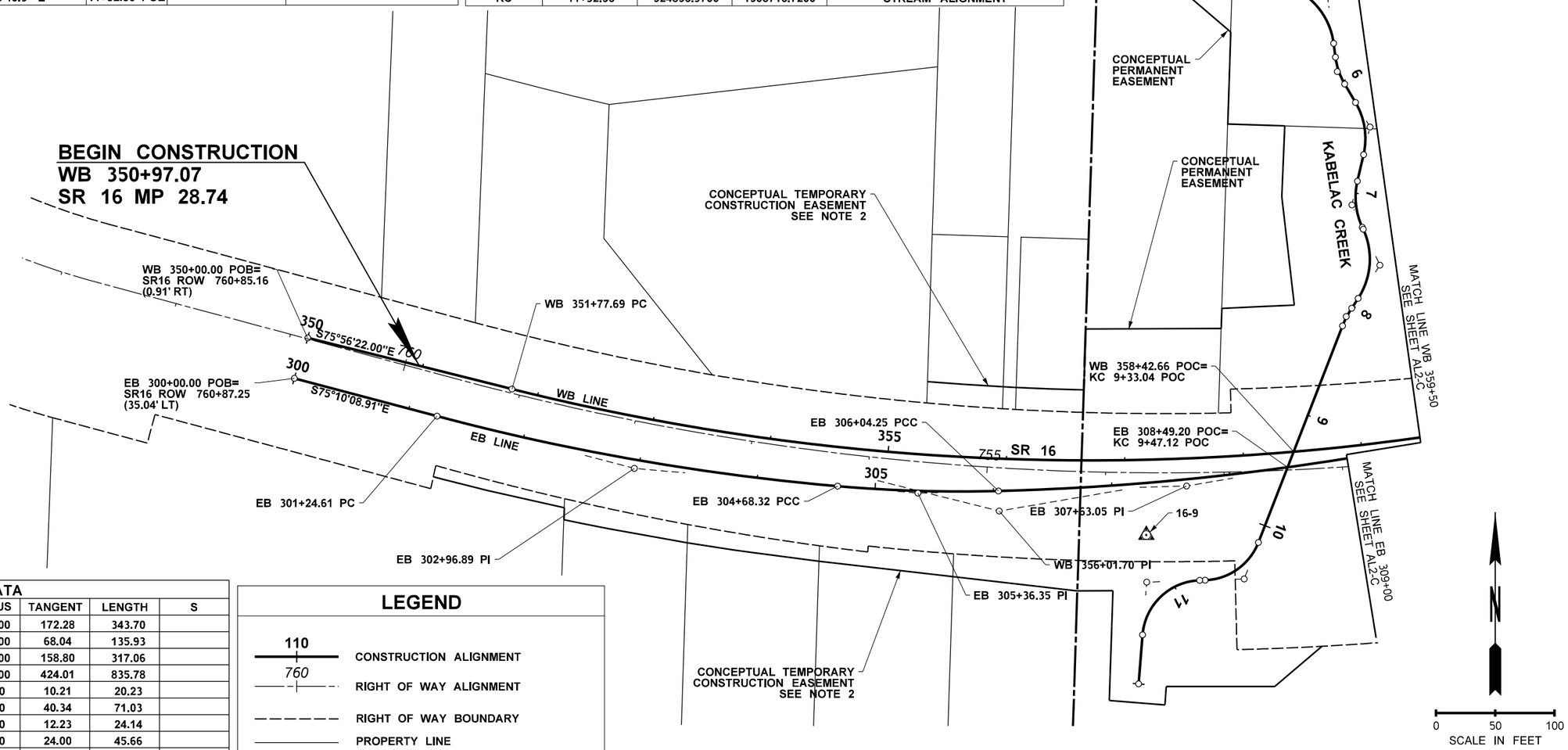
* SEE CURVE DATA TABLE

CONTROL POINTS

ID	NORTHING	EASTING	STATION	OFFSET	ELEVATION	COMMENT
16-9	524982.5370	1508723.2210	EB 307+25.64	43.87' RT	39.67	SURV CAP

COORDINATE POINTS

ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
EB	316+54.35	525226.0164	1509623.6071	EB SR16 CONSTRUCTION CENTERLINE
WB	366+39.61	525231.6312	1509621.4921	WB SR16 CONSTRUCTION CENTERLINE
KC	3+00.00	525547.3160	1508673.9440	STREAM ALIGNMENT
KC	11+92.56	524856.9700	1508716.7200	STREAM ALIGNMENT



NOTES:

1. SEE EXISTING RIGHT OF WAY PLANS, APPENDIX R.
2. PROPERTY RIGHTS FOR TEMPORARY CONSTRUCTION EASEMENTS TO BE DETERMINED BY THE DESIGN-BUILDER.

CURVE DATA

P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
EB 302+96.89	9°50'46.8" LT	2000.00	172.28	343.70	
EB 305+36.35	6°29'25.0" LT	1200.00	68.04	135.93	
EB 307+63.05	8°14'45.7" LT	2203.00	158.80	317.06	
WB 356+01.70	23°48'44.4" LT	2011.00	424.01	835.78	
KC 4+31.98	19°18'59.5" LT	60.00	10.21	20.23	
KC 5+36.29	67°49'49.5" RT	60.00	40.34	71.03	
KC 5+90.97	23°03'02.6" LT	60.00	12.23	24.14	
KC 6+44.94	43°35'53.4" RT	60.00	24.00	45.66	
KC 7+10.15	38°02'33.3" LT	60.00	20.68	39.84	
KC 7+64.70	58°14'25.4" RT	60.00	33.42	60.99	
KC 8+10.66	12°01'50.4" LT	80.00	8.43	16.80	
KC 10+48.21	66°51'50.4" RT	50.00	33.01	58.35	
KC 11+22.87	83°34'38.2" LT	50.00	44.69	72.93	

LEGEND

- 110 — CONSTRUCTION ALIGNMENT
- 760 — RIGHT OF WAY ALIGNMENT
- RIGHT OF WAY BOUNDARY
- PROPERTY LINE
- TEMP. CONSTRUCTION EASEMENT (TCE)
- PRIMARY CONTROL POINT

CONCEPTUAL
NOT FOR CONSTRUCTION

SR 16 MP 28.60

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DATE	10/6/2023
PLOTTED BY	wilsopau
DESIGNED BY	M. VASSEY
ENTERED BY	P. WILSON
CHECKED BY	R. PARKER
PROJ. ENGR.	M. STEINGREBE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6547

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

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SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

ALIGNMENT & RIGHT OF WAY PLAN

PLAN REF NO AL1-C

SHEET OF SHEETS

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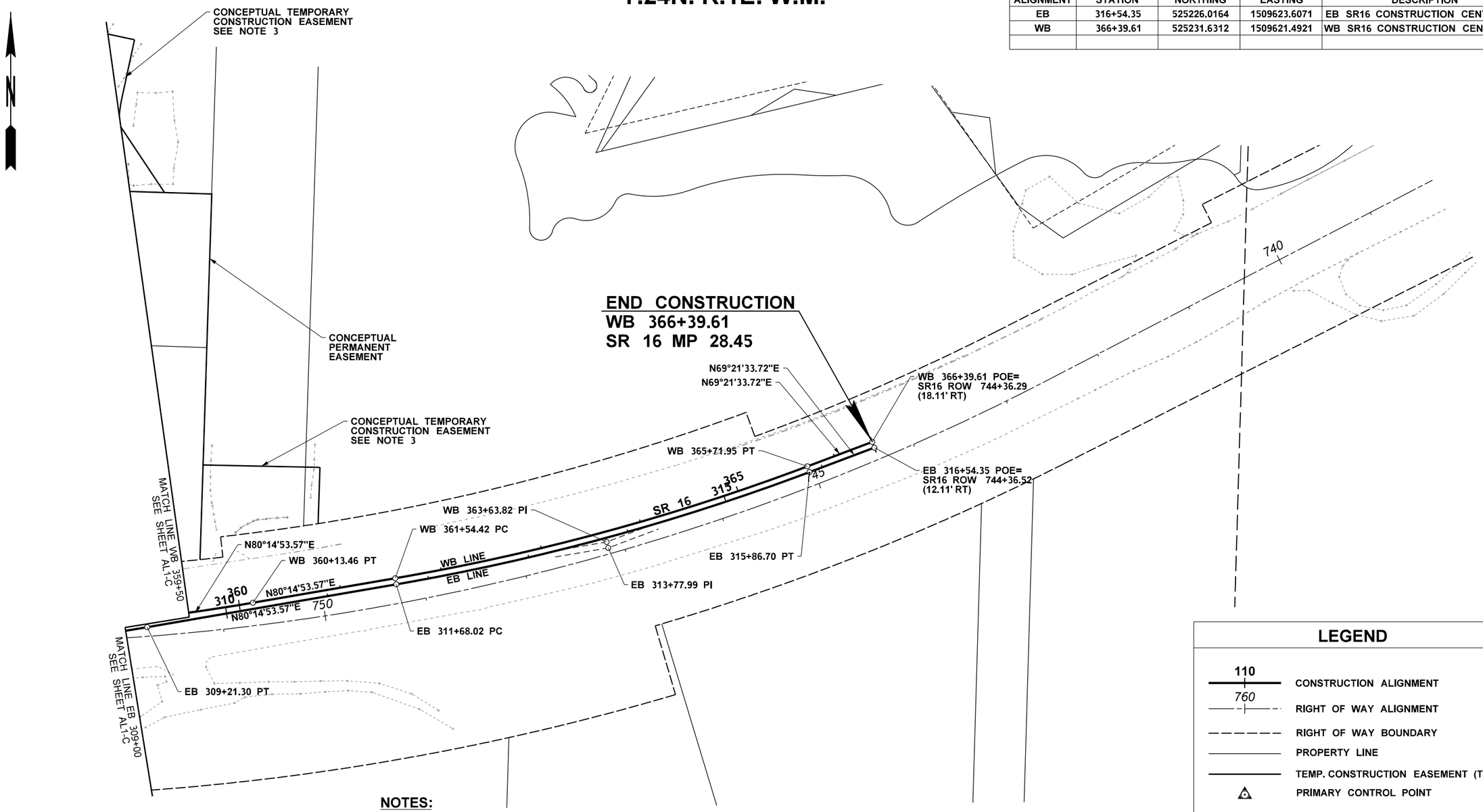
T.24N. R.1E. W.M.

COORDINATE POINTS				
ALIGNMENT	STATION	NORTHING	EASTING	DESCRIPTION
EB	316+54.35	525226.0164	1509623.6071	EB SR16 CONSTRUCTION CENTERLINE
WB	366+39.61	525231.6312	1509621.4921	WB SR16 CONSTRUCTION CENTERLINE



NOTES:

1. RIGHT OF WAY LINES ARE TAKEN FROM GIS DATA.
2. SEE EXISTING RIGHT OF WAY PLANS, APPENDIX R.
3. PROPERTY RIGHTS FOR TEMPORARY CONSTRUCTION EASEMENTS TO BE DETERMINED BY THE DESIGN-BUILDER.

0 50 100
SCALE IN FEET

LEGEND

- 110 — CONSTRUCTION ALIGNMENT
- 760 — RIGHT OF WAY ALIGNMENT
- RIGHT OF WAY BOUNDARY
- PROPERTY LINE
- TEMP. CONSTRUCTION EASEMENT (TCE)
- PRIMARY CONTROL POINT

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
EB 313+77.99	10°53'19.8" LT	2203.00	209.97	418.67	
WB 363+63.82	10°53'19.8" LT	2197.00	209.40	417.53	

CONCEPTUAL
NOT FOR CONSTRUCTION

SR 16 MP 28.60

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DESIGNED BY	M. VASSEY
ENTERED BY	P. WILSON
CHECKED BY	R. PARKER
PROJ. ENGR.	M. STEINGREBE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL6547

P.E. STAMP BOX DATE

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Washington State Department of Transportation

Parametrix

SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

ALIGNMENT & RIGHT OF WAY PLAN

PLAN REF NO AL2-C

SHEET OF SHEETS

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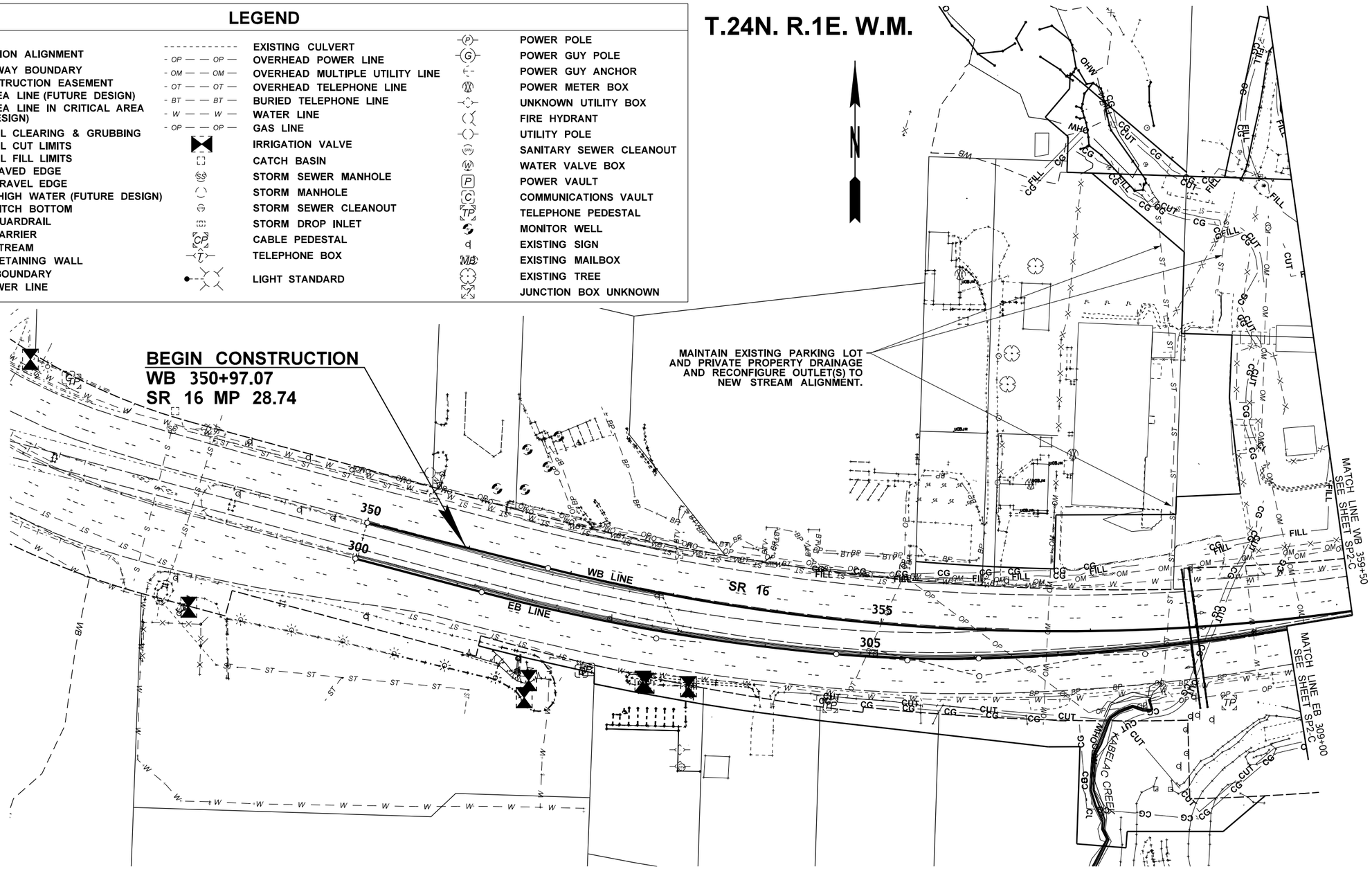
LEGEND

110	CONSTRUCTION ALIGNMENT	EXISTING CULVERT	POWER POLE
	RIGHT OF WAY BOUNDARY	OP — OP — OVERHEAD POWER LINE	POWER GUY POLE
	TEMP. CONSTRUCTION EASEMENT	OM — OM — OVERHEAD MULTIPLE UTILITY LINE	POWER GUY ANCHOR
	IMPACT AREA LINE (FUTURE DESIGN)	OT — OT — OVERHEAD TELEPHONE LINE	POWER METER BOX
	IMPACT AREA LINE IN CRITICAL AREA (FUTURE DESIGN)	BT — BT — BURIED TELEPHONE LINE	UNKNOWN UTILITY BOX
CG — CG —	CONCEPTUAL CLEARING & GRUBBING	W — W — WATER LINE	FIRE HYDRANT
CUT	CONCEPTUAL CUT LIMITS	OP — OP — GAS LINE	UTILITY POLE
FILL	CONCEPTUAL FILL LIMITS	IRRIGATION VALVE	SANITARY SEWER CLEANOUT
	EXISTING PAVED EDGE	CATCH BASIN	WATER VALVE BOX
	EXISTING GRAVEL EDGE	STORM SEWER MANHOLE	POWER VAULT
OHW	ORDINARY HIGH WATER (FUTURE DESIGN)	STORM MANHOLE	COMMUNICATIONS VAULT
	EXISTING DITCH BOTTOM	STORM SEWER CLEANOUT	TELEPHONE PEDESTAL
	EXISTING GUARDRAIL	STORM DROP INLET	MONITOR WELL
	EXISTING BARRIER	CABLE PEDESTAL	EXISTING SIGN
	EXISTING STREAM	TELEPHONE BOX	EXISTING MAILBOX
	EXISTING RETAINING WALL	LIGHT STANDARD	EXISTING TREE
WB — WB —	WETLAND BOUNDARY		JUNCTION BOX UNKNOWN
ST — ST —	STORM SEWER LINE		

T.24N. R.1E. W.M.



NOTES:

1. IMPACT AREA LINE COINCIDENT WITH R/W OR TEMPORARY CONSTRUCTION EASEMENT LINE. SEE ALIGNMENT & RIGHT OF WAY PLAN, APPENDIX R.

0 50 100
SCALE IN FEET

CONCEPTUAL
NOT FOR CONSTRUCTION

SR 16 MP 28.60

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DATE	10/6/2023					
PLOTTED BY	wilsopau					
DESIGNED BY	M. VASSEY					
ENTERED BY	P. WILSON					
CHECKED BY	R. PARKER					
PROJ. ENGR.	M. STEINGREBE					
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY		

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6547

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

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SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

SITE PREPARATION PLAN

PLAN REF NO SP1-C

SHEET OF SHEETS

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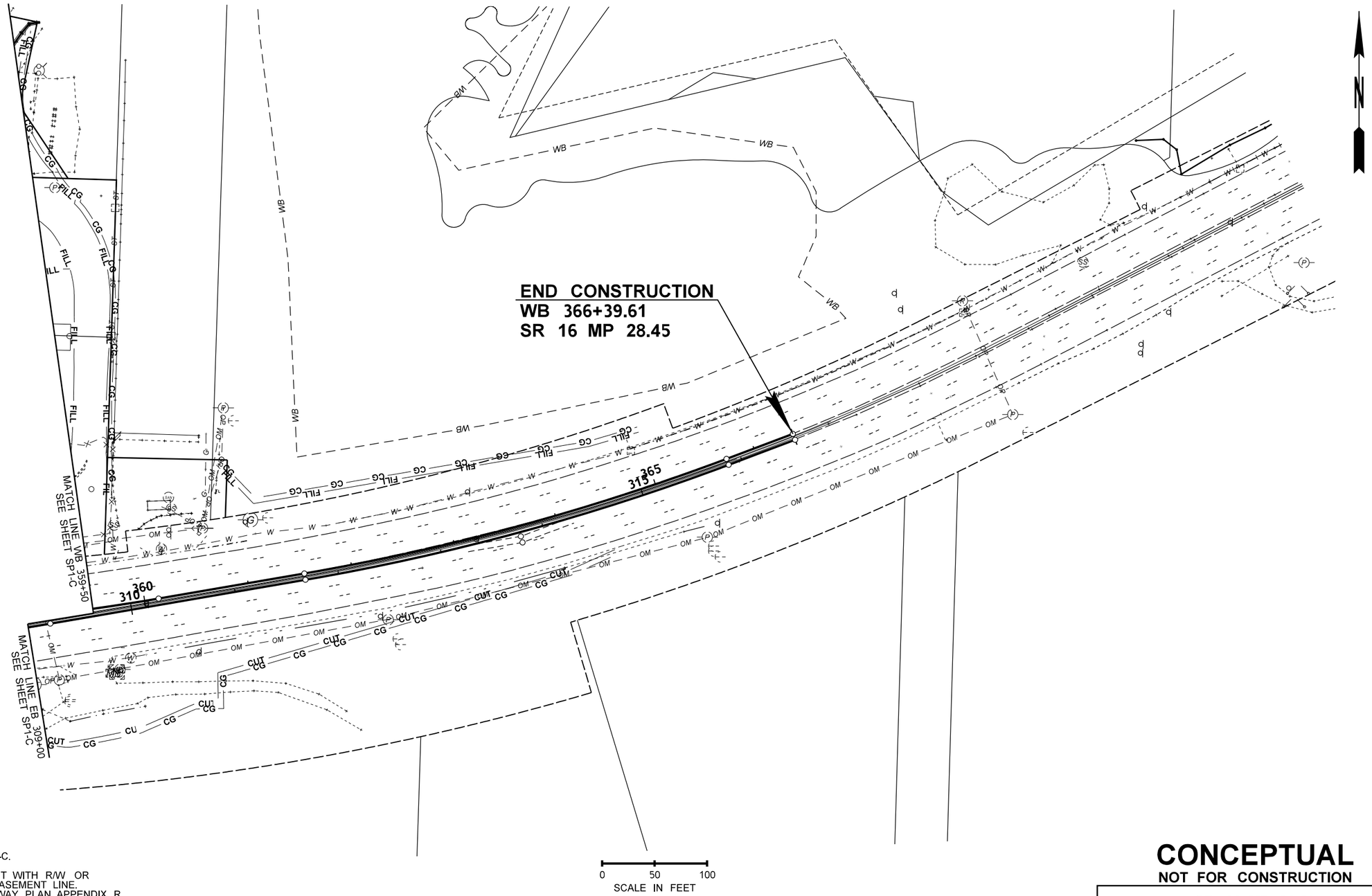

NOTES:

1. FOR LEGEND, SEE SHEET SP1-C.
2. IMPACT AREA LINE COINCIDENT WITH R/W OR TEMPORARY CONSTRUCTION EASEMENT LINE. SEE ALIGNMENT & RIGHT OF WAY PLAN, APPENDIX R.

CONCEPTUAL
NOT FOR CONSTRUCTION

SR 16 MP 28.60

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DESIGNED BY	M. VASSEY						
ENTERED BY	P. WILSON						
CHECKED BY	R. PARKER				CONTRACT NO.		LOCATION NO. XL6547
PROJ. ENGR.	M. STEINGREBE						
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY			

P.E. STAMP BOX DATE

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Washington State Department of Transportation

Parametrix

SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

SITE PREPARATION PLAN

PLAN REF NO SP2-C

SHEET OF SHEETS

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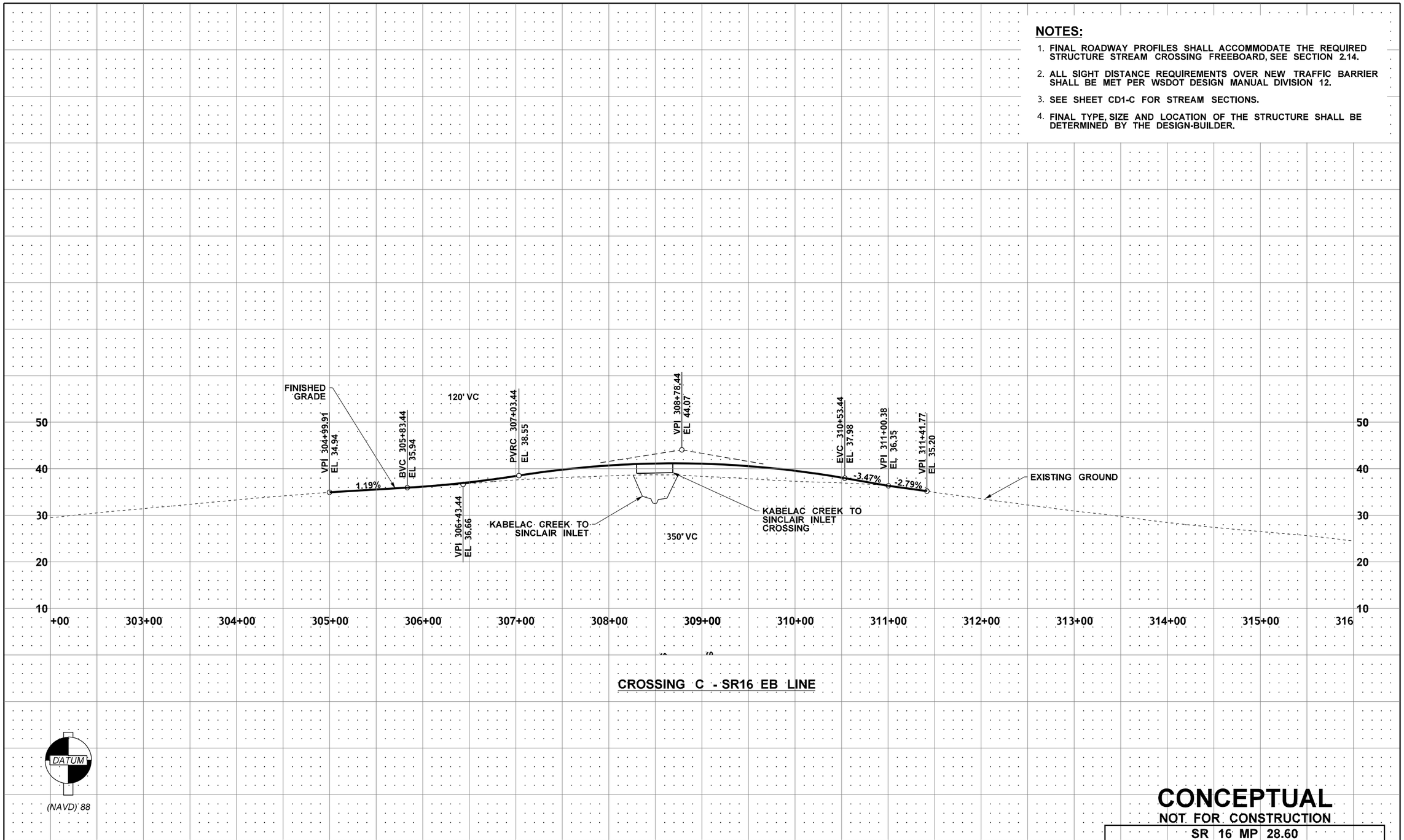
NOTES:

1. FINAL ROADWAY PROFILES SHALL ACCOMMODATE THE REQUIRED STRUCTURE STREAM CROSSING FREEBOARD, SEE SECTION 2.14.
2. ALL SIGHT DISTANCE REQUIREMENTS OVER NEW TRAFFIC BARRIER SHALL BE MET PER WSDOT DESIGN MANUAL DIVISION 12.
3. SEE SHEET CD1-C FOR STREAM SECTIONS.
4. FINAL TYPE, SIZE AND LOCATION OF THE STRUCTURE SHALL BE DETERMINED BY THE DESIGN-BUILDER.



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DESIGNED BY	M. VASSEY						
ENTERED BY	P. WILSON						
CHECKED BY	R. PARKER				CONTRACT NO.		LOCATION NO. XL6547
PROJ. ENGR.	M. STEINGREBE						
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY			

P.E. STAMP BOX DATE

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Washington State Department of Transportation

Parametrix

SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

ROADWAY PROFILES

PLAN REF. NO. RP1-C

SHEET OF SHEETS

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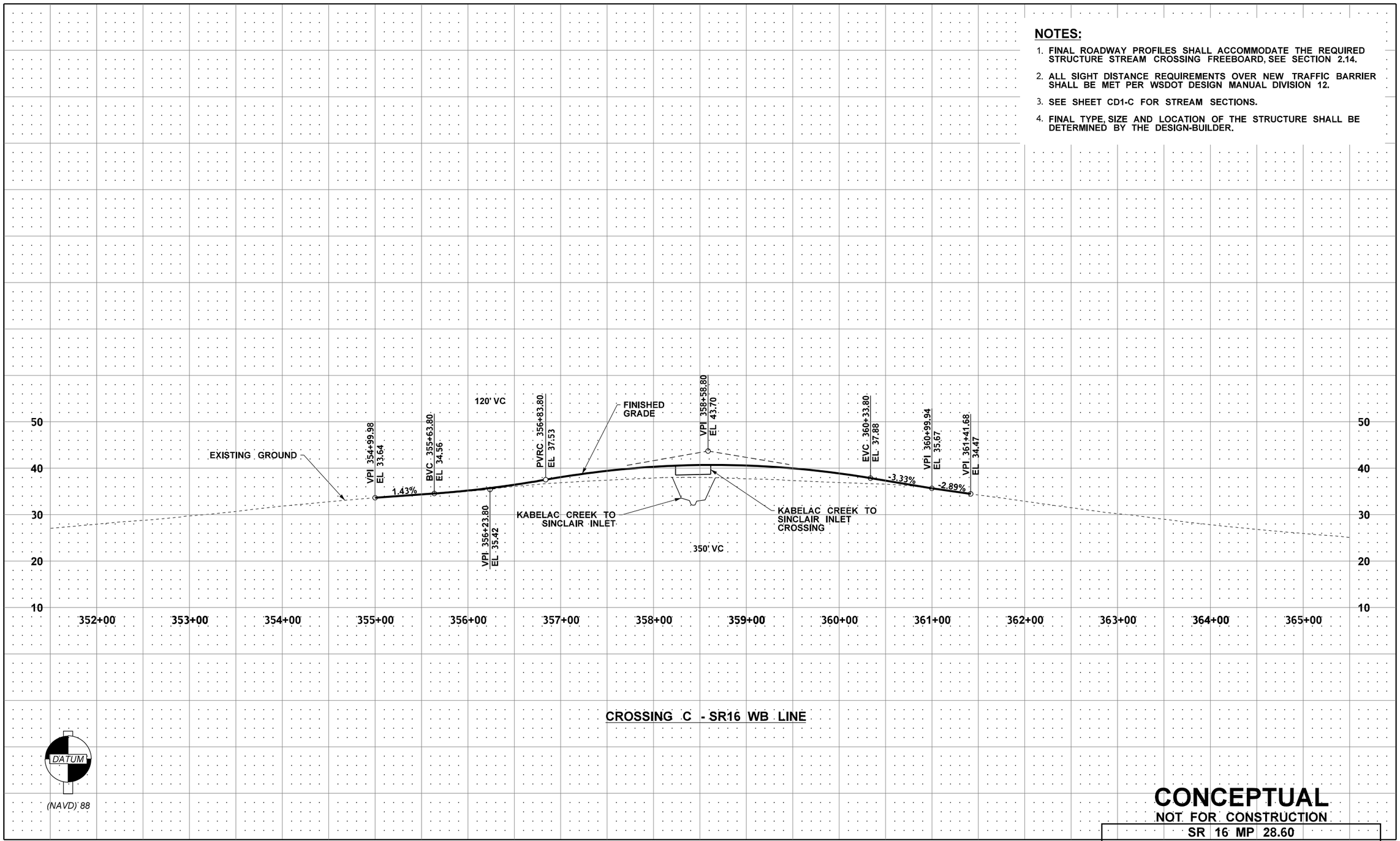
NOTES:

1. FINAL ROADWAY PROFILES SHALL ACCOMMODATE THE REQUIRED STRUCTURE STREAM CROSSING FREEBOARD, SEE SECTION 2.14.
2. ALL SIGHT DISTANCE REQUIREMENTS OVER NEW TRAFFIC BARRIER SHALL BE MET PER WSDOT DESIGN MANUAL DIVISION 12.
3. SEE SHEET CD1-C FOR STREAM SECTIONS.
4. FINAL TYPE, SIZE AND LOCATION OF THE STRUCTURE SHALL BE DETERMINED BY THE DESIGN-BUILDER.



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SR 16 MP 28.60

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DESIGNED BY	M. VASSEY
ENTERED BY	P. WILSON
CHECKED BY	R. PARKER
PROJ. ENGR.	M. STEINGREBE
REGIONAL ADM.	S. ROARK

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO. XL6547

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Washington State Department of Transportation

Parametrix

SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

ROADWAY PROFILES

PLAN REF. NO. RP2-C

SHEET OF SHEETS

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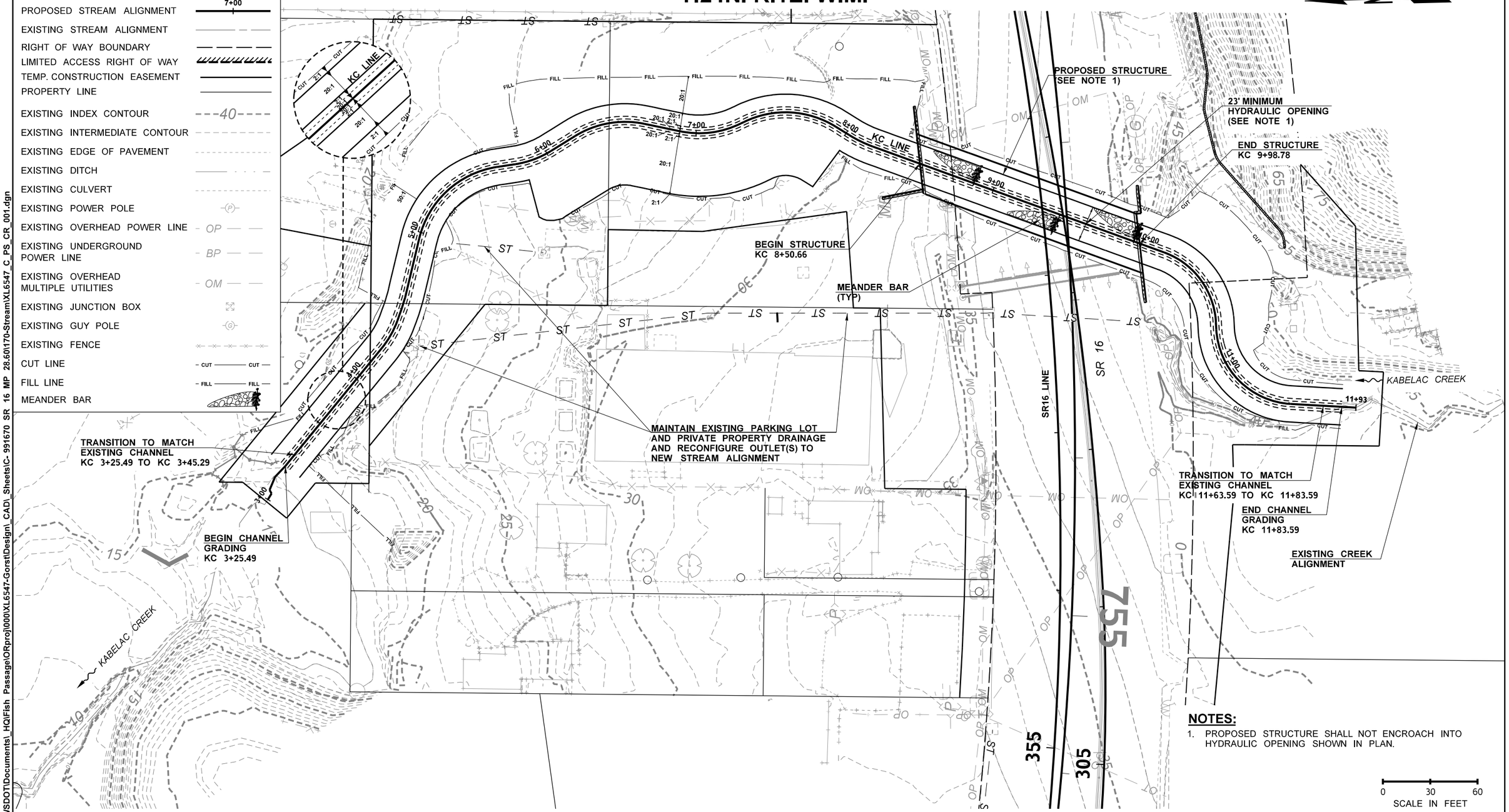
T.24N. R.1E. W.M.

LEGEND

PROPOSED STREAM ALIGNMENT	7+00
EXISTING STREAM ALIGNMENT	
RIGHT OF WAY BOUNDARY	
LIMITED ACCESS RIGHT OF WAY	
TEMP. CONSTRUCTION EASEMENT	
PROPERTY LINE	
EXISTING INDEX CONTOUR	40
EXISTING INTERMEDIATE CONTOUR	
EXISTING EDGE OF PAVEMENT	
EXISTING DITCH	
EXISTING CULVERT	
EXISTING POWER POLE	P
EXISTING OVERHEAD POWER LINE	OP
EXISTING UNDERGROUND POWER LINE	BP
EXISTING OVERHEAD MULTIPLE UTILITIES	OM
EXISTING JUNCTION BOX	
EXISTING GUY POLE	G
EXISTING FENCE	
CUT LINE	CUT
FILL LINE	FILL
MEANDER BAR	



NOTES:

1. PROPOSED STRUCTURE SHALL NOT ENCROACH INTO HYDRAULIC OPENING SHOWN IN PLAN.

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

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DESIGNED BY	S. BEVAN			
ENTERED BY	R. SALEH			
CHECKED BY	D. MINNER			
PROJ. ENGR.	M. STEINGREBE			
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER XXXXX		
CONTRACT NO.		LOCATION NO. XL6547

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HDR

SR 16 MP 28.60

SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

STREAM PLAN

PLAN REF NO CR1-C

SHEET OF SHEETS

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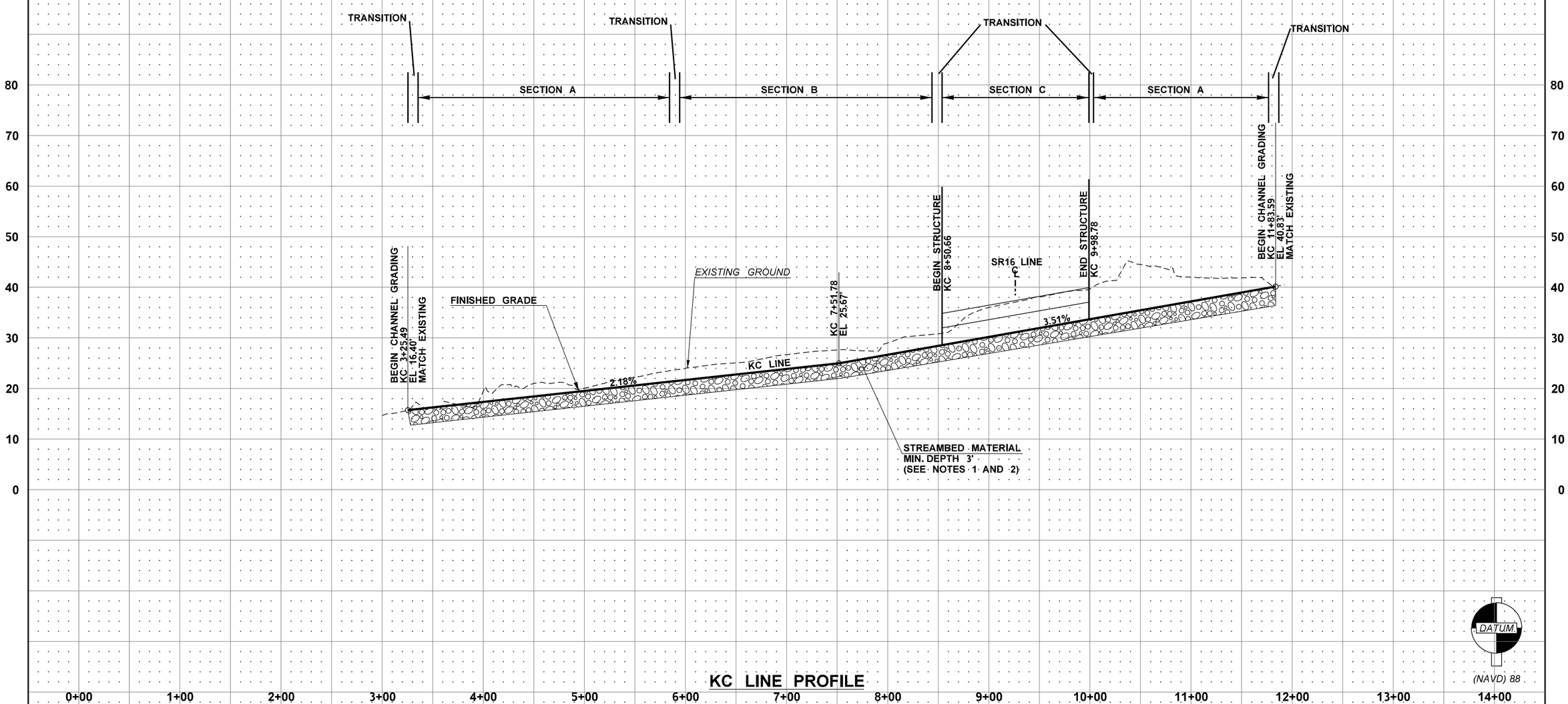
NOTES:

1. SEE SPECIAL PROVISIONS "WATER CROSSINGS" FOR STREAMBED MATERIALS AND MATERIAL LIFTS.
2. MATERIAL DEPTH IS APPROXIMATE. FINAL DEPTH TO BE DETERMINED FOLLOWING SCOUR ANALYSIS AND FINAL STRUCTURE TYPE.
3. FINAL STRUCTURE TYPE, SIZE AND LOCATION TO BE DETERMINED BY THE DESIGN-BUILDER.



KC LINE PROFILE

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

SR 16 MP 28.60

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DESIGNED BY	S. BEVAN			
ENTERED BY	R. SALEH			
CHECKED BY	D. MINNER			
PROJ. ENGR.	M. STEINGREBE			
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER XXXXX		
CONTRACT NO.		LOCATION NO. XL6547

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

HDR

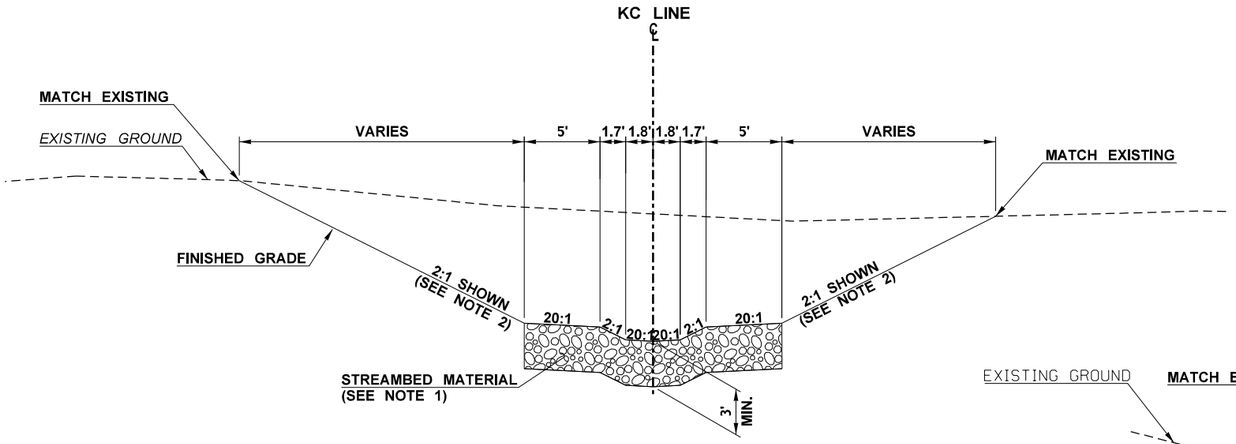
SR3 / SR16 / SR166
GORST VICINITY
REMOVE FISH BARRIERS

STREAM PROFILE

PLAN REF. NO. CP1-C

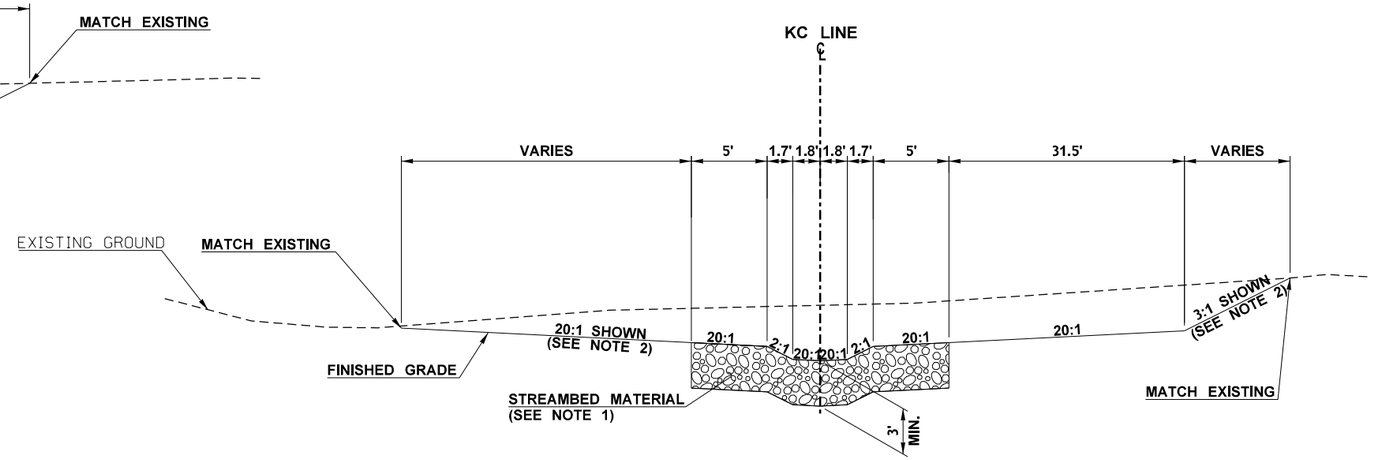
SHEET OF SHEETS

pw:\\projectstore.wsdot.wa.gov:WSDOT\Documents_HQ\Fish Passage\ORproj\000\XL6547-Gorst\Design_CAD_Sheets\C- 991670 SR 16 MP 28.60\170-Stream\XL6547_C_PS_PR_CP_001.dgn



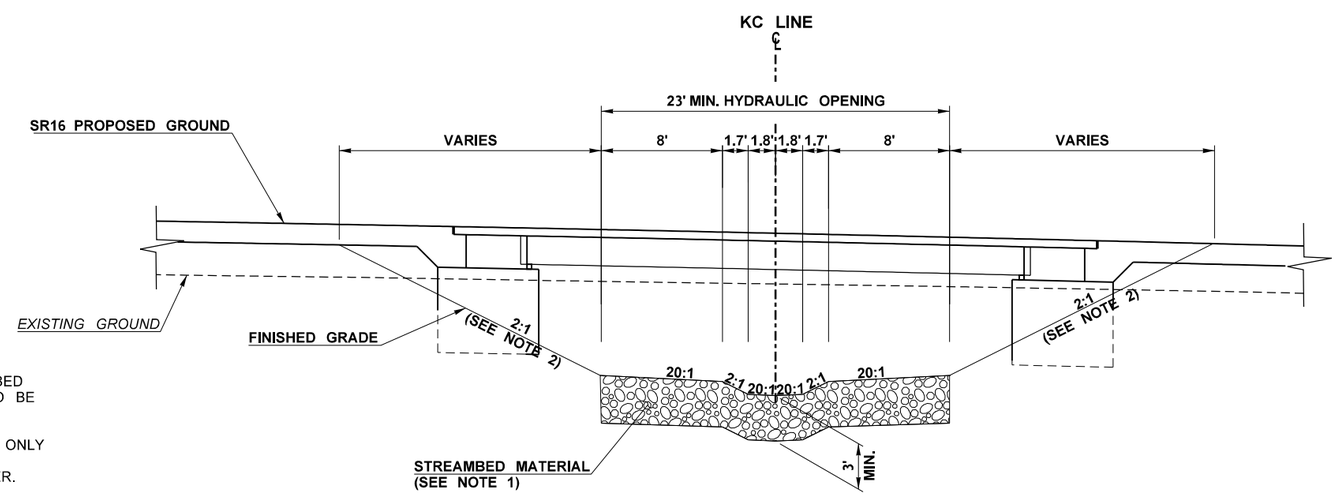
SECTION A

STATION
KC 3+25.49 TO 5+84.84
KC 8+39.39 TO 8+50.66
KC 9+98.78 TO 11+83.59



SECTION B

STATION
KC 5+84.84 TO 8+39.39



SECTION C

STATION
KC 8+50.66 TO 9+98.78

(SEE NOTES 3)

NOTES:

1. SEE SPECIAL PROVISIONS "WATER CROSSINGS" FOR STREAMBED MATERIAL. MATERIAL DEPTH IS APPROXIMATE. FINAL DEPTH TO BE DETERMINED FOLLOWING SCOUR ANALYSIS.
2. GRADING LIMITS ARE SHOWN FOR ILLUSTRATION PURPOSES ONLY TO DEPICT ESTIMATED AREA OF POTENTIAL IMPACT. FINAL GRADING LIMITS TO BE DETERMINED BY THE DESIGN-BUILDER.
3. FINAL STRUCTURE TYPE, SIZE AND LOCATION TO BE DETERMINED BY THE DESIGN-BUILDER.

CONCEPTUAL DESIGN - NOT FOR CONSTRUCTION

FILE NAME	$$$$$$$$DESIGNFILENAME$$$$$$			
TIME	9:36:37 AM			
DATE	10/9/2023			
PLOTTED BY	RSALEH			
DESIGNED BY	S. BEVAN			
ENTERED BY	R. SALEH			
CHECKED BY	D. MINNER			
PROJ. ENGR.	M. STEINGREBE			
REGIONAL ADM.	S. ROARK	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER XXXXX		
CONTRACT NO.		LOCATION NO. XL6547

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

SR 16 MP 28.60

SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

STREAM DETAILS

PLAN REF NO CD1-C

SHEET OF SHEETS

pw:\\projectstore.wsdot.wa.gov:WSDOT\Documents_HQ\Fish Passage\ORproj\0000\XL6547-Gorst\Design_CAD_Sheets\C- 991670 SR 16 MP 28.60\170-Stream\XL6547_C_DE_CD_001.dgn

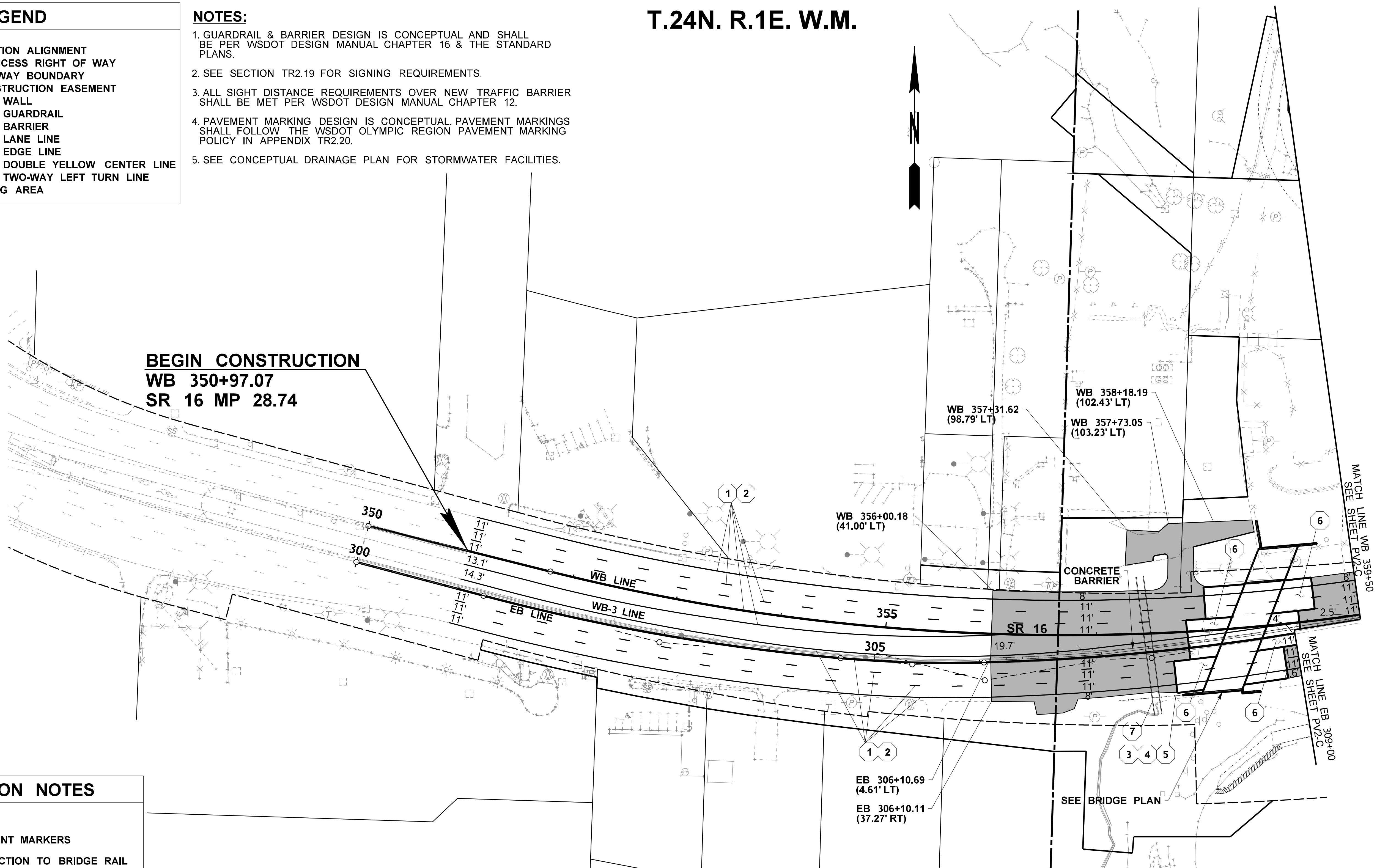
LEGEND

110	CONSTRUCTION ALIGNMENT
	LIMITED ACCESS RIGHT OF WAY
	RIGHT OF WAY BOUNDARY
	TEMP. CONSTRUCTION EASEMENT
	PROPOSED WALL
	PROPOSED GUARDRAIL
	PROPOSED BARRIER
	PROPOSED LANE LINE
	PROPOSED EDGE LINE
	PROPOSED DOUBLE YELLOW CENTER LINE
	PROPOSED TWO-WAY LEFT TURN LINE
	HMA PAVING AREA

NOTES:

1. GUARDRAIL & BARRIER DESIGN IS CONCEPTUAL AND SHALL BE PER WSDOT DESIGN MANUAL CHAPTER 16 & THE STANDARD PLANS.
2. SEE SECTION TR2.19 FOR SIGNING REQUIREMENTS.
3. ALL SIGHT DISTANCE REQUIREMENTS OVER NEW TRAFFIC BARRIER SHALL BE MET PER WSDOT DESIGN MANUAL CHAPTER 12.
4. PAVEMENT MARKING DESIGN IS CONCEPTUAL. PAVEMENT MARKINGS SHALL FOLLOW THE WSDOT OLYMPIC REGION PAVEMENT MARKING POLICY IN APPENDIX TR2.20.
5. SEE CONCEPTUAL DRAINAGE PLAN FOR STORMWATER FACILITIES.

T.24N. R.1E. W.M.



0 50 100
SCALE IN FEET

CONSTRUCTION NOTES

1. PLASTIC LINE
2. RECESSED PAVEMENT MARKERS
3. GUARDRAIL CONNECTION TO BRIDGE RAIL
4. GUARDRAIL TYPE 31 NON-FLARED TERMINAL
5. BEAM GUARDRAIL TYPE 31
6. APPROACH SLAB - SEE STRUCTURE PLAN
7. SIGN BRIDGE

CONCEPTUAL
NOT FOR CONSTRUCTION

SR 16 MP 28.60

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DATE	10/6/2023
PLOTTED BY	wilsopau
DESIGNED BY	M. VASSEY
ENTERED BY	P. WILSON
CHECKED BY	R. PARKER
PROJ. ENGR.	M. STEINGREBE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO. | LOCATION NO. XL6547

P.E. STAMP BOX DATE
P.E. STAMP BOX DATE

Washington State Department of Transportation
Parametrix

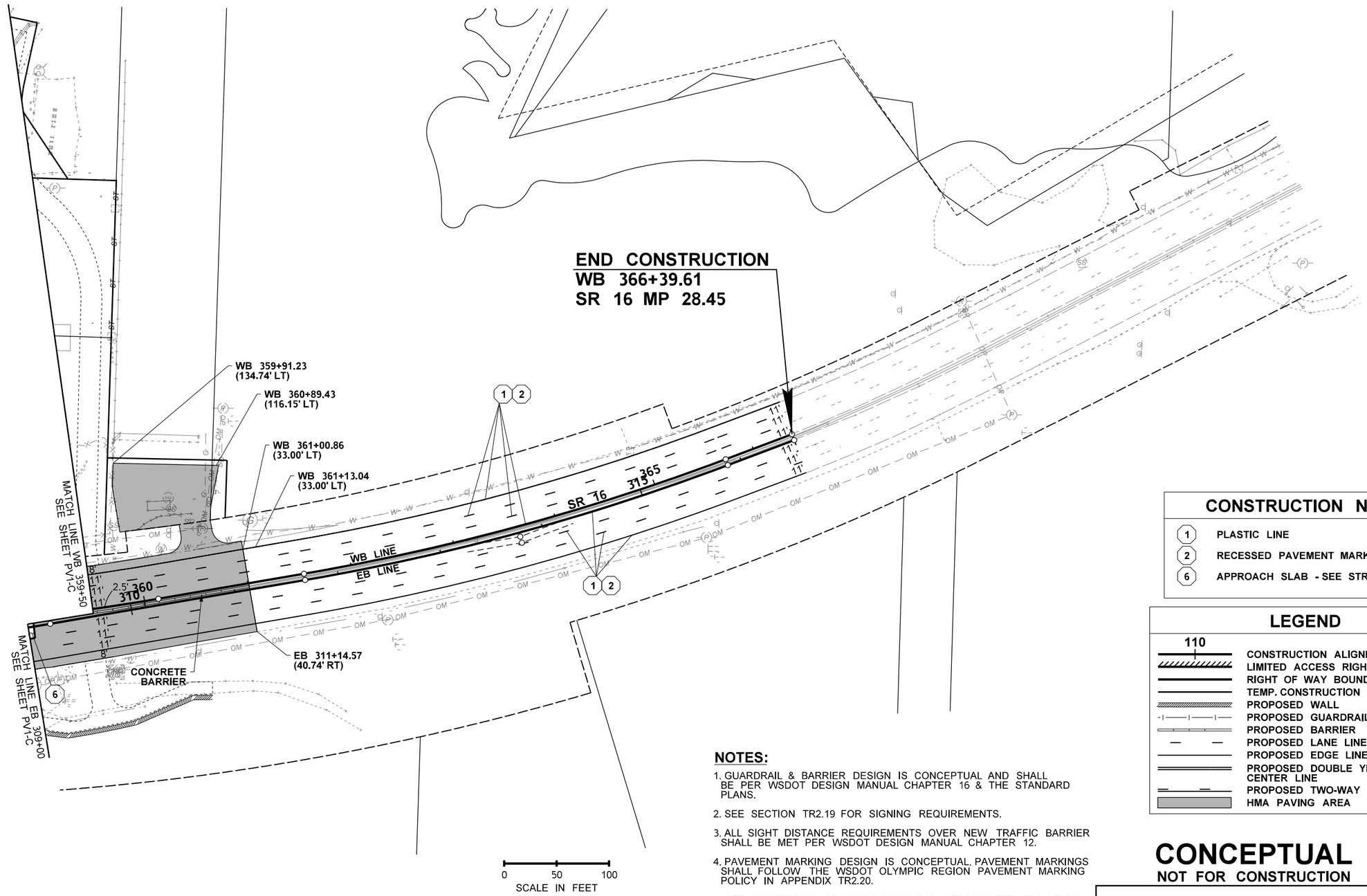
SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

PAVING & PAVEMENT MARKING PLAN

PLAN REF NO PV1-C
SHEET OF SHEETS

pw:\\projectstore.wsdot.wa.gov:WSDOT\Documents_HQ\Fish Passage\ORproj\000\XL6547-Gorst\Design_CAD_Sheets\C-991670 SR 16 MP 28.60\XL6547_C_PS_PV1.dgn

T.24N. R.1E. W.M.



CONSTRUCTION NOTES

1. PLASTIC LINE
2. RECESSED PAVEMENT MARKER
6. APPROACH SLAB - SEE STRUCTURE PLAN

LEGEND

- 110 — CONSTRUCTION ALIGNMENT
- LIMITED ACCESS RIGHT OF WAY
- RIGHT OF WAY BOUNDARY
- TEMP. CONSTRUCTION EASEMENT
- PROPOSED WALL
- PROPOSED GUARDRAIL
- PROPOSED BARRIER
- PROPOSED LANE LINE
- PROPOSED EDGE LINE
- PROPOSED DOUBLE YELLOW CENTER LINE
- PROPOSED TWO-WAY LEFT TURN LINE
- HMA PAVING AREA

NOTES:

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3. ALL SIGHT DISTANCE REQUIREMENTS OVER NEW TRAFFIC BARRIER SHALL BE MET PER WSDOT DESIGN MANUAL CHAPTER 12.
4. PAVEMENT MARKING DESIGN IS CONCEPTUAL. PAVEMENT MARKINGS SHALL FOLLOW THE WSDOT OLYMPIC REGION PAVEMENT MARKING POLICY IN APPENDIX TR2.20.
5. SEE CONCEPTUAL DRAINAGE PLAN FOR STORMWATER FACILITIES.

CONCEPTUAL
NOT FOR CONSTRUCTION

SR 16 MP 28.60

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DATE	10/6/2023
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DESIGNED BY	M. VASSEY
ENTERED BY	P. WILSON
CHECKED BY	R. PARKER
PROJ. ENGR.	M. STEINGREBE
REGIONAL ADM.	S. ROARK

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO.

LOCATION NO. XL6547

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

Parametrix

SR3 / SR16 / SR166
GORST VICINITY -
REMOVE FISH BARRIERS

PAVING & PAVEMENT MARKING PLAN

PLAN REF NO PV2-C

SHEET OF SHEETS

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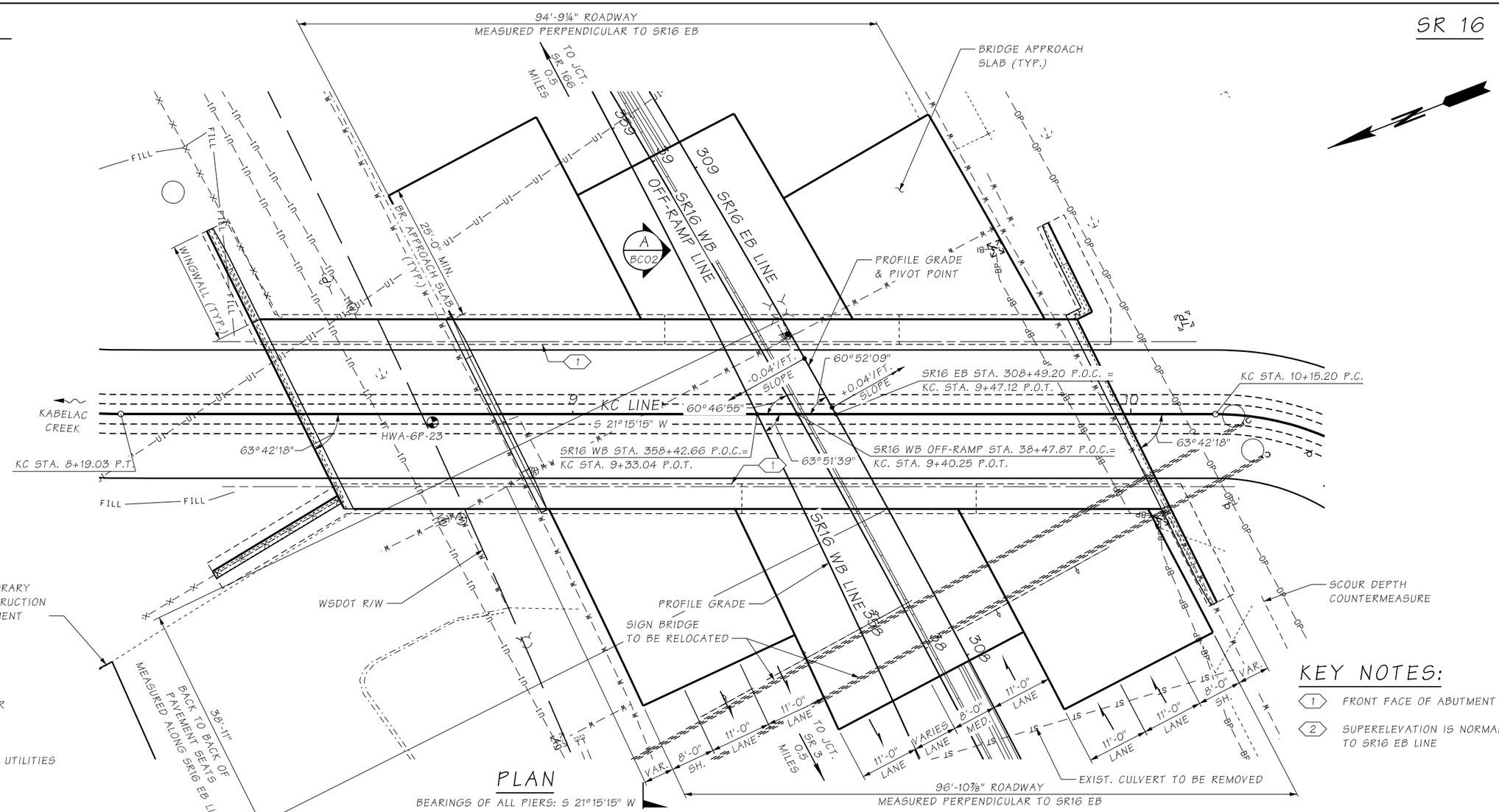
SEC. 33, T.24N., R.1E., W.M.
KITSAP COUNTY

SR 16



PLAN

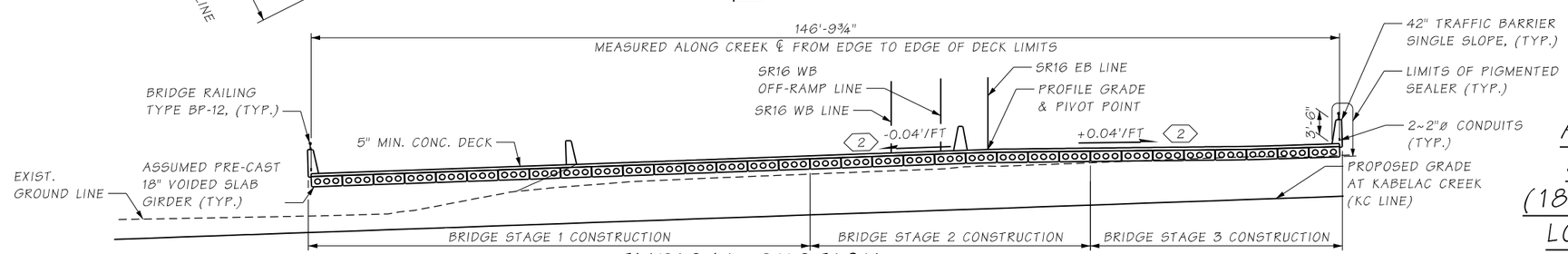
BEARINGS OF ALL PIERS: S 21°15'15" W

LEGEND

- EXIST. WATER
- EXIST. OVERHEAD POWER
- EXIST. BURIED POWER
- EXIST. OVERHEAD MULTI UTILITIES
- EXIST. FENCE
- EXIST. CULVERT
- CUT — FILL LIMITS OF EARTHWORK
- BOREHOLE
- POWER BOX
- POWER POLE
- STORM SEWER LINE

KEY NOTES:

1. FRONT FACE OF ABUTMENT
2. SUPERELEVATION IS NORMAL TO SR16 EB LINE



TYPICAL SECTION

SHOWN AT ℄ OF KABELAC CREEK (KC LINE)

ASSUMED P.C. SLAB GIRDER (18" VOIDED SLAB) LOADING: HL-93

SEISMIC OPERATIONAL IMPORTANCE CLASSIFICATION: ORDINARY

DATUM

NAVD 1988

Bridge Design Engr.		$$$$$$$$DESIGNFILENAME$$$$$$							
Supervisor					REGION NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
Designed By	Schwanz, D.				10	WASH.			
Checked By	Clark, B.M.				JOB NUMBER				
Detailed By	deGuzman, A.								
Bridge Projects Engr.									
Prelim. Plan By									
Architect/Specialist		DATE	REVISION	BY	APP'D				

10/9/2023

HDR

CONCEPTUAL

Washington State Department of Transportation

NOT FOR CONSTRUCTION

SR 3/ SR 16/ SR 166
GORST VICINITY -
REMOVE FISH BARRIERS
SR 16 MP 28.60 - KABELAC CREEK TO SINCLAIR INLET

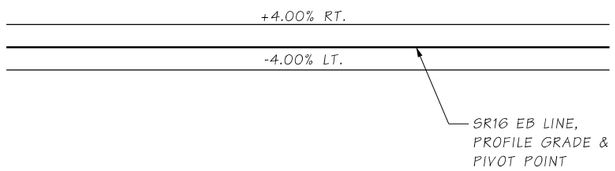
CONCEPTUAL BRIDGE PLAN

BRIDGE SHEET NO. BC01

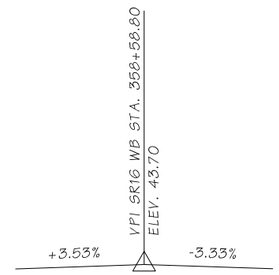
SHEET OF SHEETS

SR ___ FILE NO. ___ SHEET ___

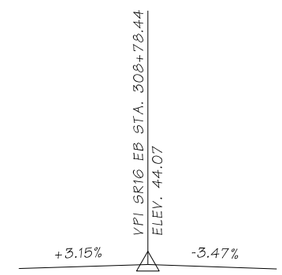
CURVE DATA					
P.I. STATION	Δ	RADIUS	TANGENT	LENGTH	BK. TANGENT BRG.
SR16 WB 356+01.70	23°48'44" LT.	2011.00'	424.01'	835.78'	N 80°14'54" E
SR16 EB 307+63.05	8°14'46" LT.	2203.00'	158.80'	317.06'	N 80°14'54" E
SR16 WB OFF-RAMP 37+58.10	8°16'21" LT.	2197.00'	158.88'	317.21'	N 80°14'54" E



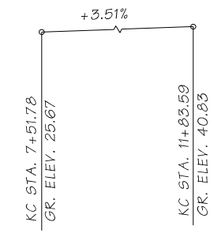
SR16 EB LINE
SUPERELEVATION DIAGRAM



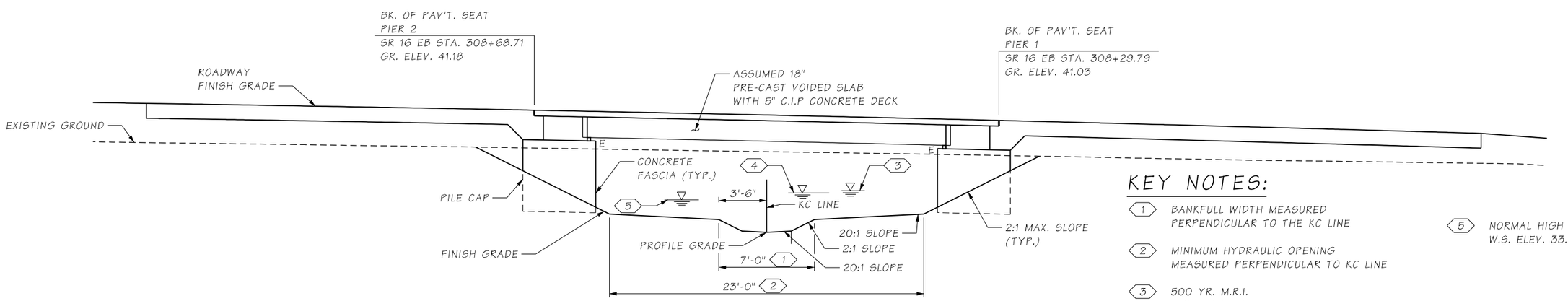
SR16 WB LINE PROFILE



SR16 EB LINE PROFILE



KC LINE PROFILE



SECTION A BC01
20'-5" LT. OF SR16 WB LINE

KEY NOTES:

1. BANKFULL WIDTH MEASURED PERPENDICULAR TO THE KC LINE
2. MINIMUM HYDRAULIC OPENING MEASURED PERPENDICULAR TO KC LINE
3. 500 YR. M.R.I. W.S. ELEV. 34.3 Q=77.9 CFS
4. 100 YR. M.R.I. W.S. ELEV. 34.2 Q=60.4 CFS
5. NORMAL HIGH WATER W.S. ELEV. 33.7

DATUM
NAVD 1988

Bridge Design Engr.		$$$$$$$$DESIGNFILENAME$$$$$$							
Supervisor					REGION NO.	STATE	FED. AID. PROJ. NO.	SHEET NO.	TOTAL SHEETS
Designed By	Schwanz, D.				10	WASH.			
Checked By	Clark, B.M.				JOB NUMBER				
Detailed By	deGuzman, A.								
Bridge Projects Engr.									
Prelim. Plan By									
Architect/Specialist		DATE	REVISION	BY	APP'D				

10/9/2023

SR ___ FILE NO. ___ SHEET ___

HDR

CONCEPTUAL
Washington State Department of Transportation
NOT FOR CONSTRUCTION

SR 3/ SR 16/ SR 166
GORST VICINITY -
REMOVE FISH BARRIERS
SR 16 MP 28.60 - KABELAC CREEK TO SINCLAIR INLET

CONCEPTUAL BRIDGE DETAILS

BRIDGE SHEET NO. BC02
SHEET OF SHEETS