

2/13/2025

Letter No. 124
BY-CRE-01960

Washington State Department of Transportation
18911 N Creek Pkwy S, Suite 150
Bothell, WA 98011

Attention: Evelyn Pao, P.E., Project Director

Project: I-405, Brickyard to SR 527 Improvement Project
Contract No: 009727

Subject: Vault NW12 – Potential Change
Reference:

Dear Ms. Pao:

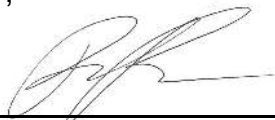
During a field inspection of Vault NW12, it was observed that the vault is significantly larger than what was represented in the RFP documents. Please see attached for reference. Skanska is in the process of cleaning the vault to prepare it for inspection as part of Segment 3 drainage system evaluation efforts. Skanska will also survey the vault for interior dimensioning.

Skanska is requesting WSDOT to issue an OIC to capture our costs to investigate the current field conditions and possible future design and construction cost impacts.

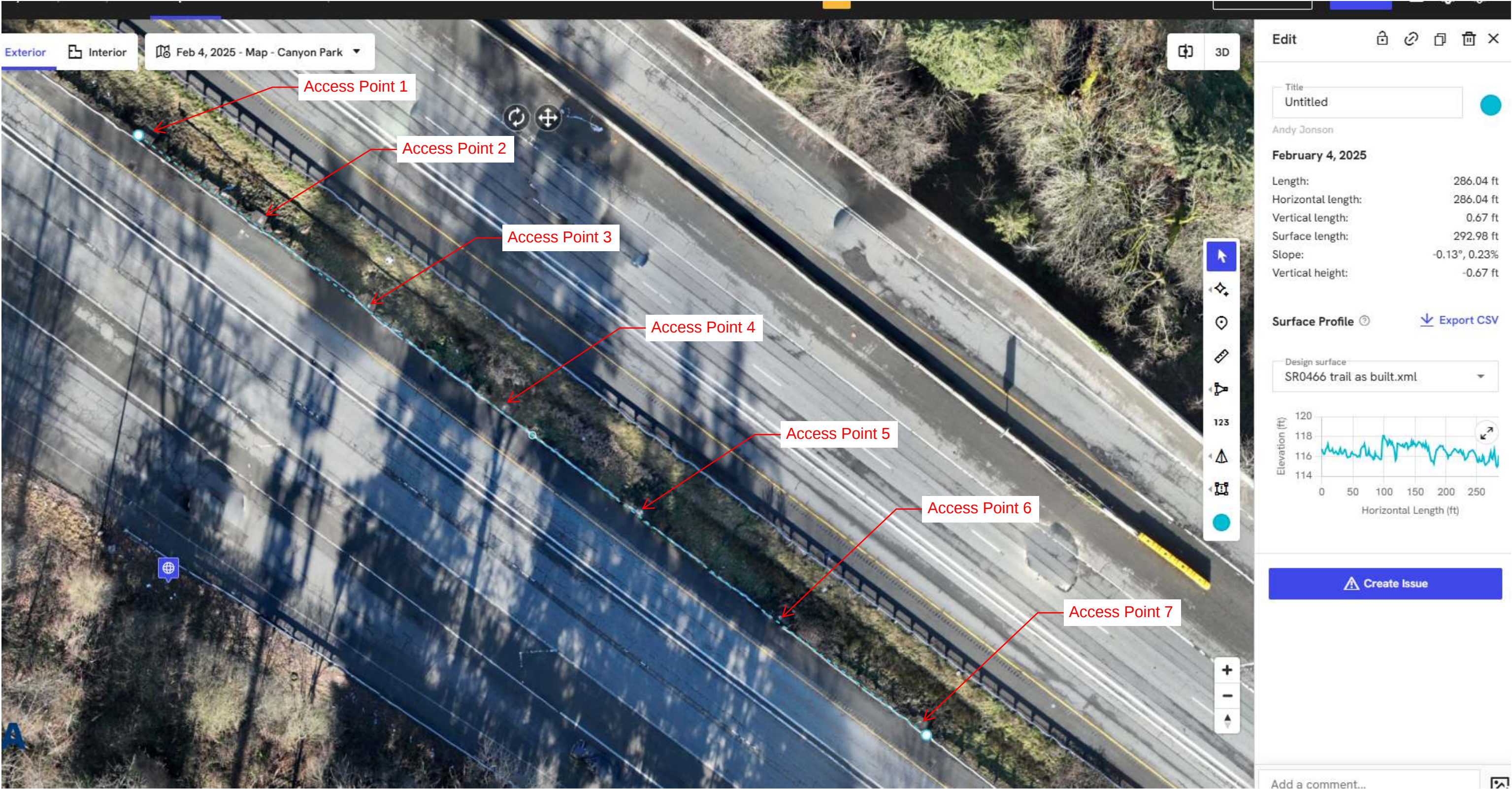
Skanska reserves its rights under the contract and applicable laws to seek equitable compensation for cost and time impacts incurred to perform this scope of work.

If you have any questions, please do not hesitate to contact me.

Sincerely,



Patrick Prendergast, Project Executive
Skanska USA Civil
18911 N Creek Pkwy S, Suite 300
Bothell, WA 98011



Title

Untitled

Andy Jonson

February 4, 2025

Length: 286.04 ft

Horizontal length: 286.04 ft

Vertical length: 0.67 ft

Surface length: 292.98 ft

Slope: -0.13°, 0.23%

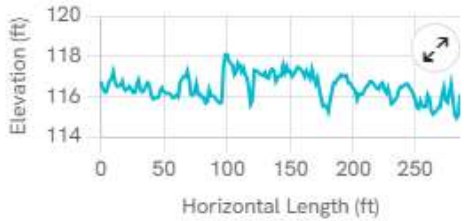
Vertical height: -0.67 ft

Surface Profile

Export CSV

Design surface

SR0466 trail as built.xml



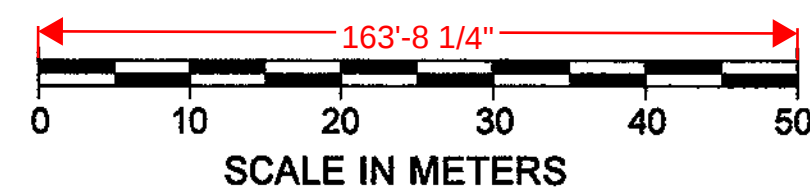
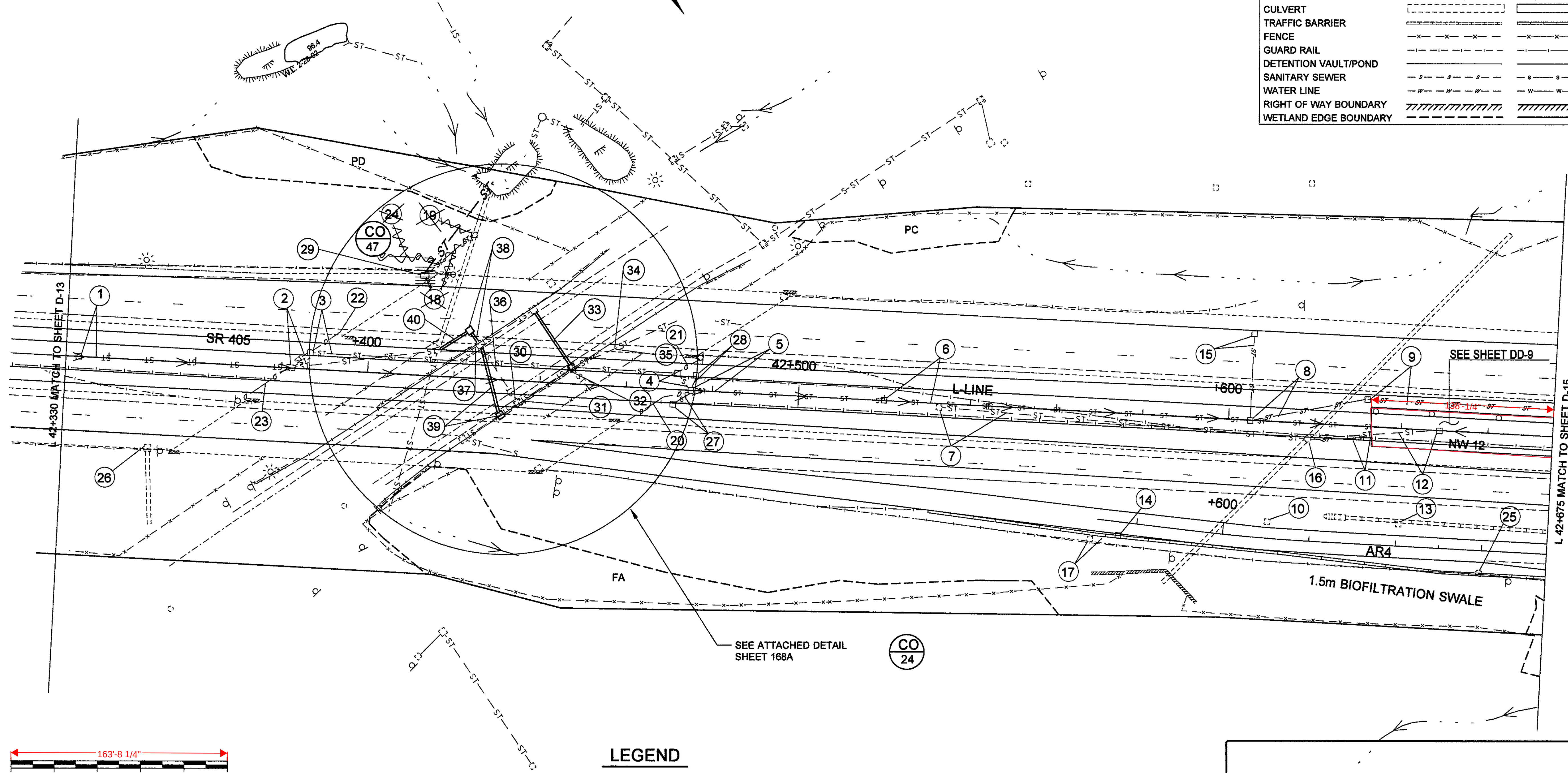
Create Issue

Add a comment...

T.27N. R.5E. W.M.

LEGEND

	EXISTING	PROPOSED
RIPRAP OUTFALL PROT.		
CATCH BASIN		
GRATE INLET		
STORM DRAIN	—ST—ST—ST—	—ST—ST—ST—
RETAINING WALL	—D—D—D—	—D—D—D—
DRAIN LINE	—D—D—D—	—D—D—D—
DITCH LINE	—D—D—D—	—D—D—D—
CULVERT		
TRAFFIC BARRIER		
FENCE	—X—X—X—	—X—X—X—
GUARD RAIL	— — — —	— — — —
DETENTION VAULT/POND		
SANITARY SEWER	—S—S—S—	—S—S—S—
WATER LINE	—W—W—W—	—W—W—W—
RIGHT OF WAY BOUNDARY	—/—/—/—	—/—/—/—
WETLAND EDGE BOUNDARY	—/—/—/—	—/—/—/—



NOTE:
ALL DIMENSIONS, ELEVATIONS, STATIONS, AND CONTOUR
LINES ARE IN METERS UNLESS OTHERWISE INDICATED.

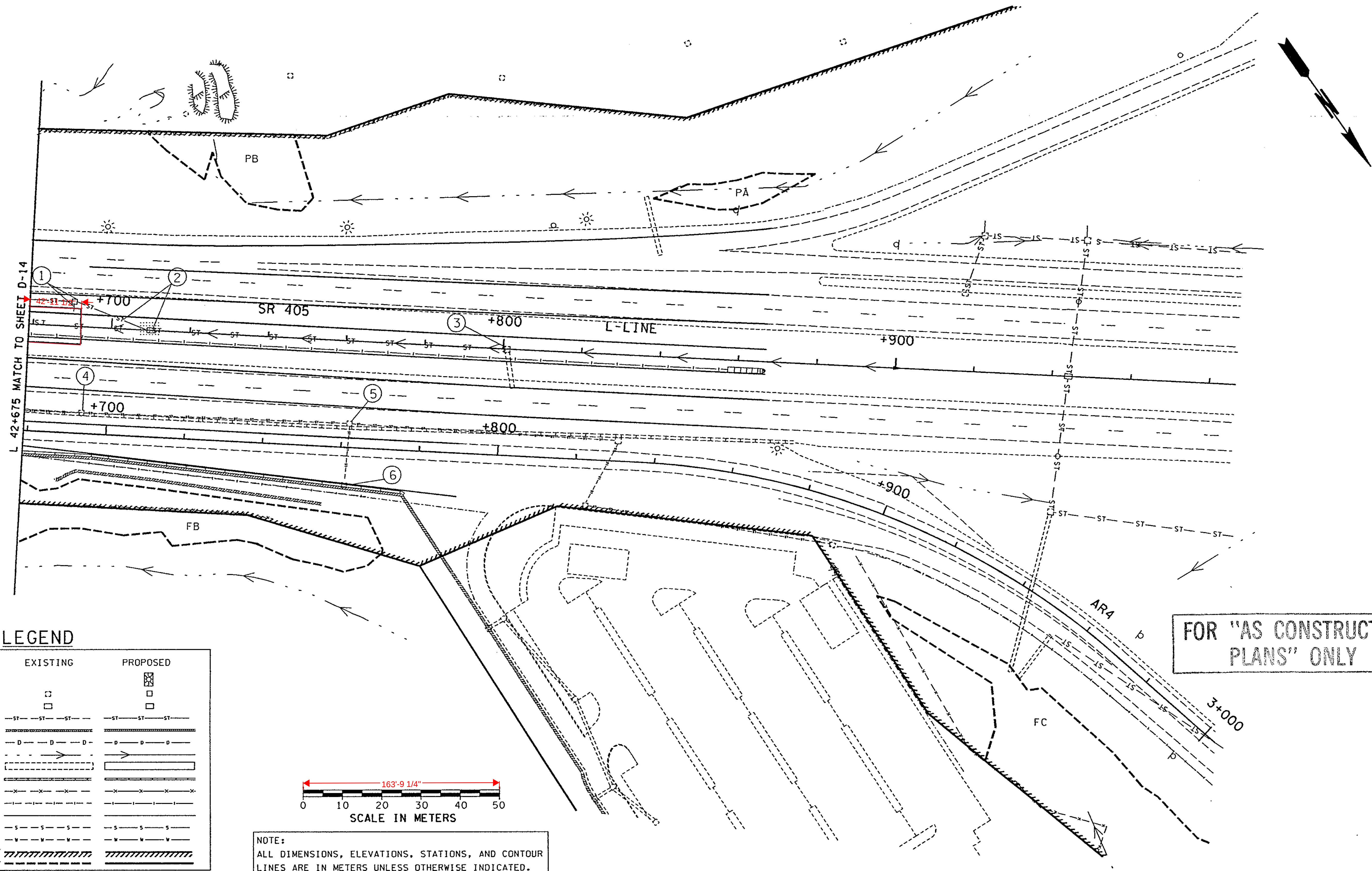
LEGEND

- ☀ CO 24 CHANGE ORDER
☀ CO 47 CHANGE ORDER

FOR "AS CONSTRUCTED
PLANS" ONLY

					REGION NO.	STATE	FED.AID PROJ.NO.	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER	 Washington State Department of Transportation	SR 405 BOTHELL TO SWAMP CREEK I/C HOV LANES - STAGE 1	D-14
DESIGNED BY	F. TIMM	6/26/96			10	WASH					
ENTERED BY	B. SAVILLE	6/26/96	07/19/99	CHANGE ORDER #47	ALM						
CHECKED BY	R.THURMOND	6/26/96	04/01/98	CHANGE ORDER #24	ALM						
PROJ. ENGR.	R.KINOSHITA	6/26/96	01/08/97	REV. SYMBOLS OF			JOB NUMBER 96W035				
REGIONAL ADM.	J. OKAMOTO	6/26/96		STR. NOTE 18			CONTRACT NO.				SHEET 168 OF 663 SHEETS
		DATE	DATE	REVISION	BY					DRAINAGE PLAN	

T.27N. R.5E. W.M.



LEGEND

EXISTING	PROPOSED
RIPRAP OUTFALL PROT.	
CATCH BASIN	
GRATE INLET	
STORM DRAIN	
RETAINING WALL	
DRAIN LINE	
DITCH LINE	
CULVERT	
TRAFFIC BARRIER	
FENCE	
GUARD RAIL	
DETENTION VAULT/POND	
SANITARY SEWER	
WATER LINE	
RIGHT OF WAY BOUNDARY	
WETLAND EDGE BOUNDARY	

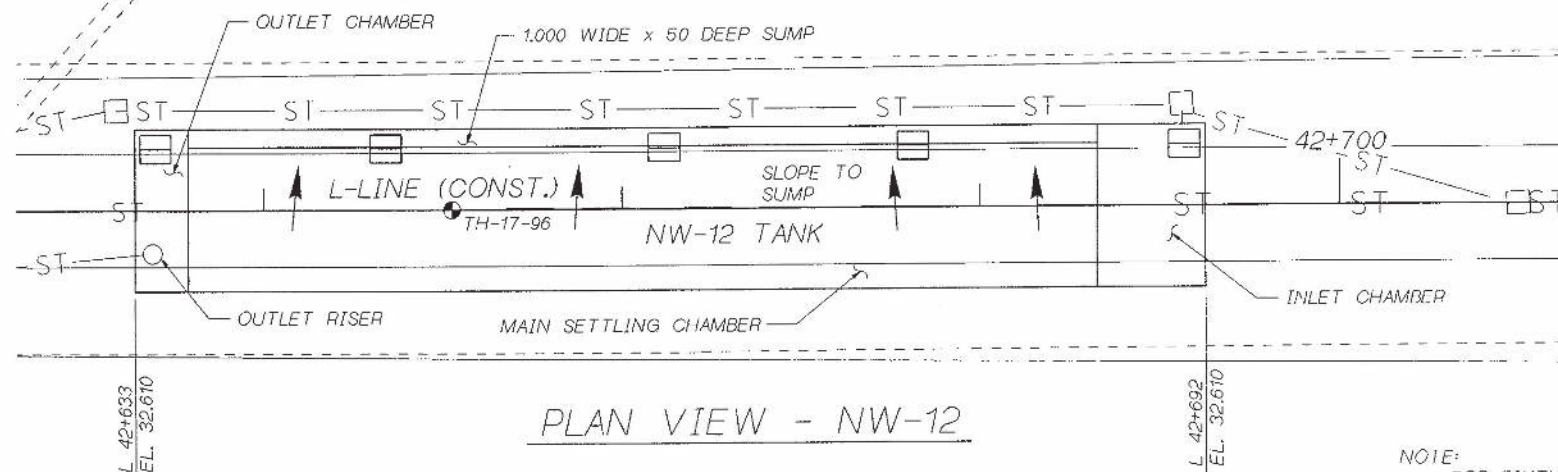
NOTE:
ALL DIMENSIONS, ELEVATIONS, STATIONS, AND CONTOUR
LINES ARE IN METERS UNLESS OTHERWISE INDICATED.

FOR "AS CONSTRUCTED
PLANS" ONLY

DESIGNED BY F. TIMM	6/26/96	REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	ENVIRONMENTAL AND ENGINEERING SERVICE CENTER	Washington State Department of Transportation	SR 405 BOTHELL TO SWAMP CREEK I/C HOV LANES - STAGE 1	D-15
ENTERED BY B. SAYILLE	6/26/96	JOB NUMBER 96W035	CONTRACT NO. 5054					
CHECKED BY R. THURMOND	6/26/96	REV. SYMBOLS OF	STR. NOTE 2					
PROJ. ENGR. R. KINOSHITA	6/26/96	DATE	REVISION	BY			DRAINAGE PLAN	SHEET 169 OF 663 SHEETS

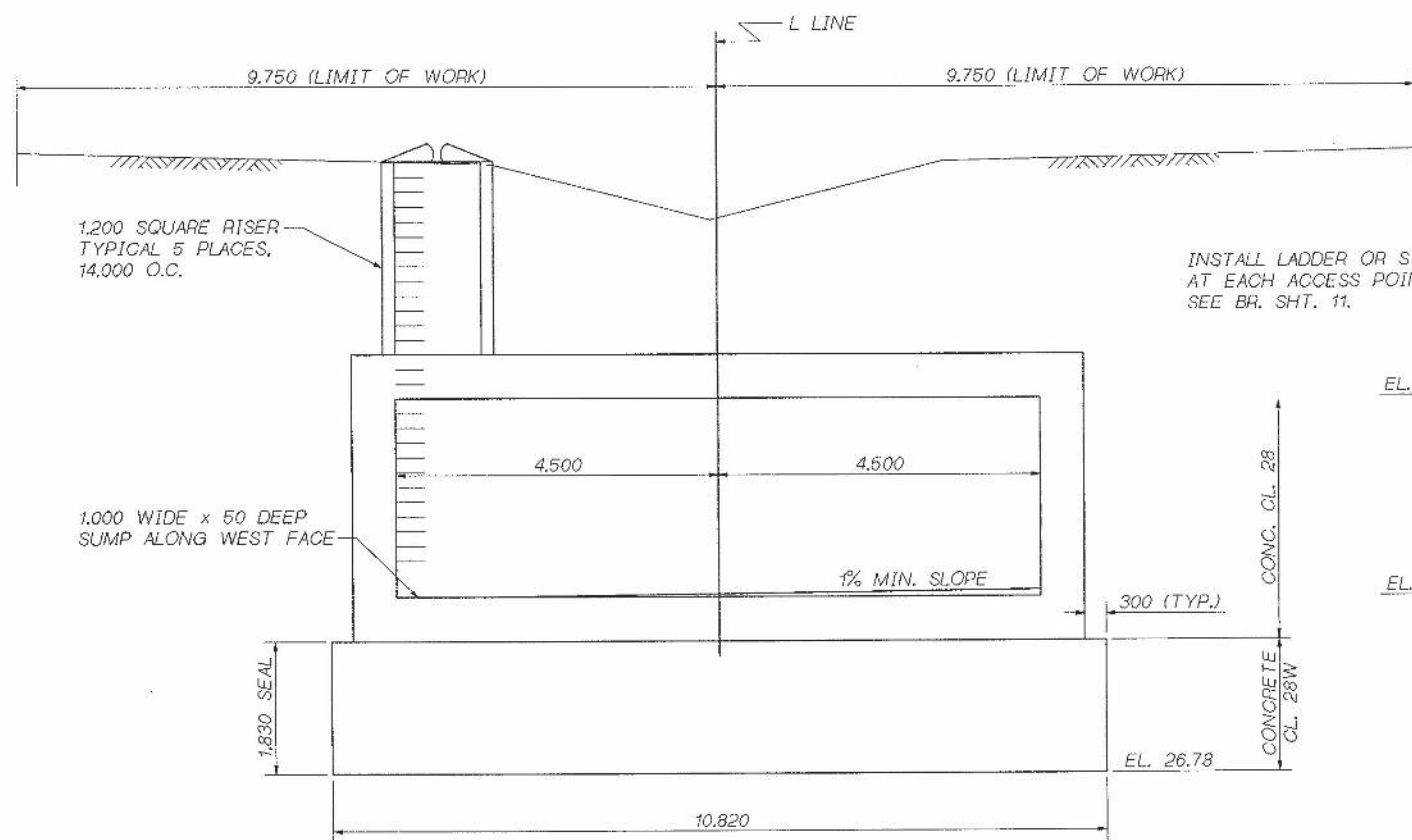
B-52-66, L. STA. 42+585, 0.000 OFFSET

B-53-66



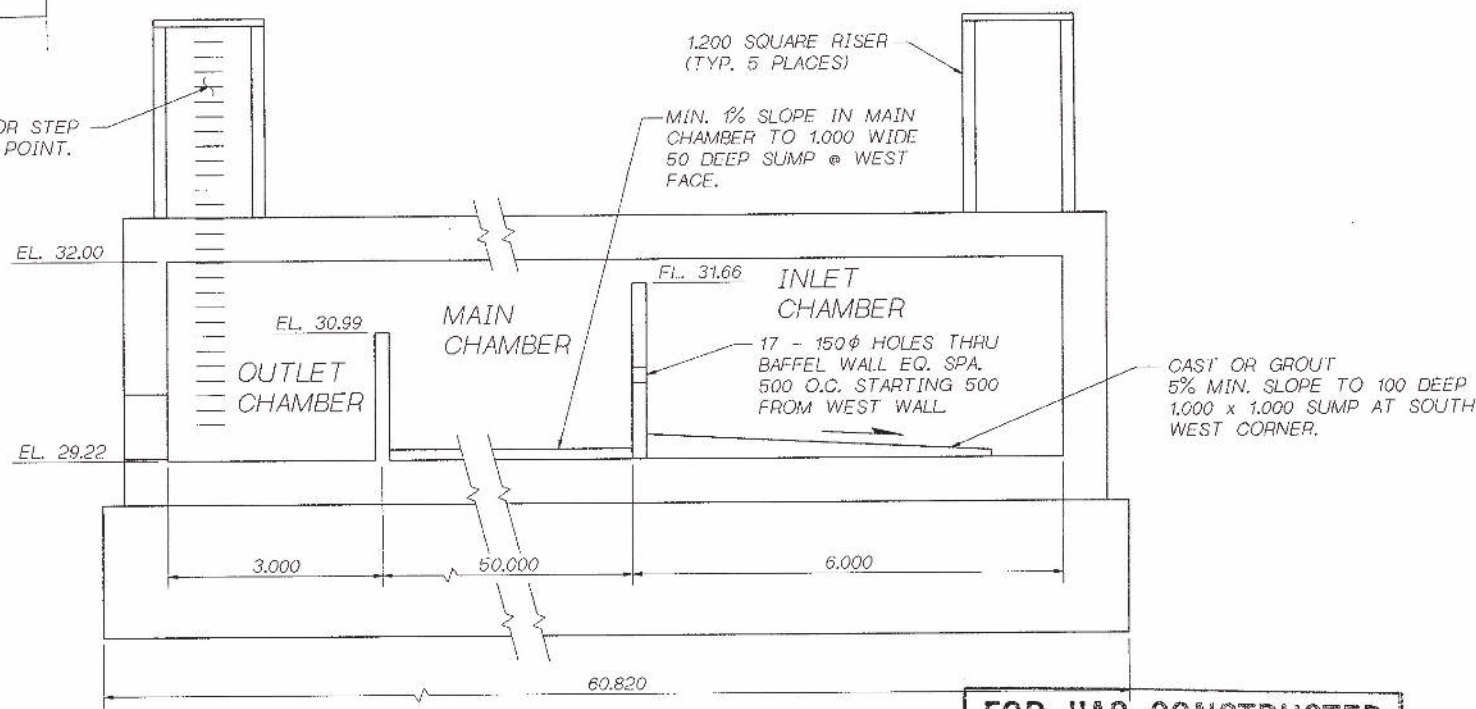
PLAN VIEW - NW-12

NOTE:
FOR FIXTURES, PIPES, RISERS, ACCESS DOORS
ETC. SEE DRAINAGE DETAILS SHEET DD-9.



TYPICAL SECTION

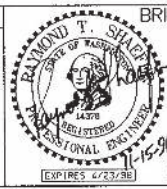
TAKEN AT L LINE STA. 42+660
SUMP & SLOPE MAY BE CAST OR FORMED w/GROUT.



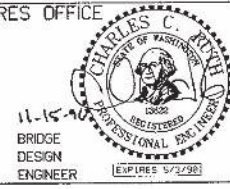
LONGITUDINAL SECTION

FOR "AS CONSTRUCTED
PLANS" ONLY

Bridge Design Engr. C. C. RUTH	VAULTSHEET (FGB) VAIN T9, FGB, 1	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor R. T. SHAEFER		10	WASH.			
Designed By M. TALUKDAR 8/96						
Checked By F. KESHAVARZI 10/96						
Detailed By V.B. SCHIOCHI 8/96						
Bridge Projects Engr.						
Prelim Plan By						
Architect/Specialist	DATE	REVISION	BY	APP'D	5054	



BRIDGE AND STRUCTURES OFFICE

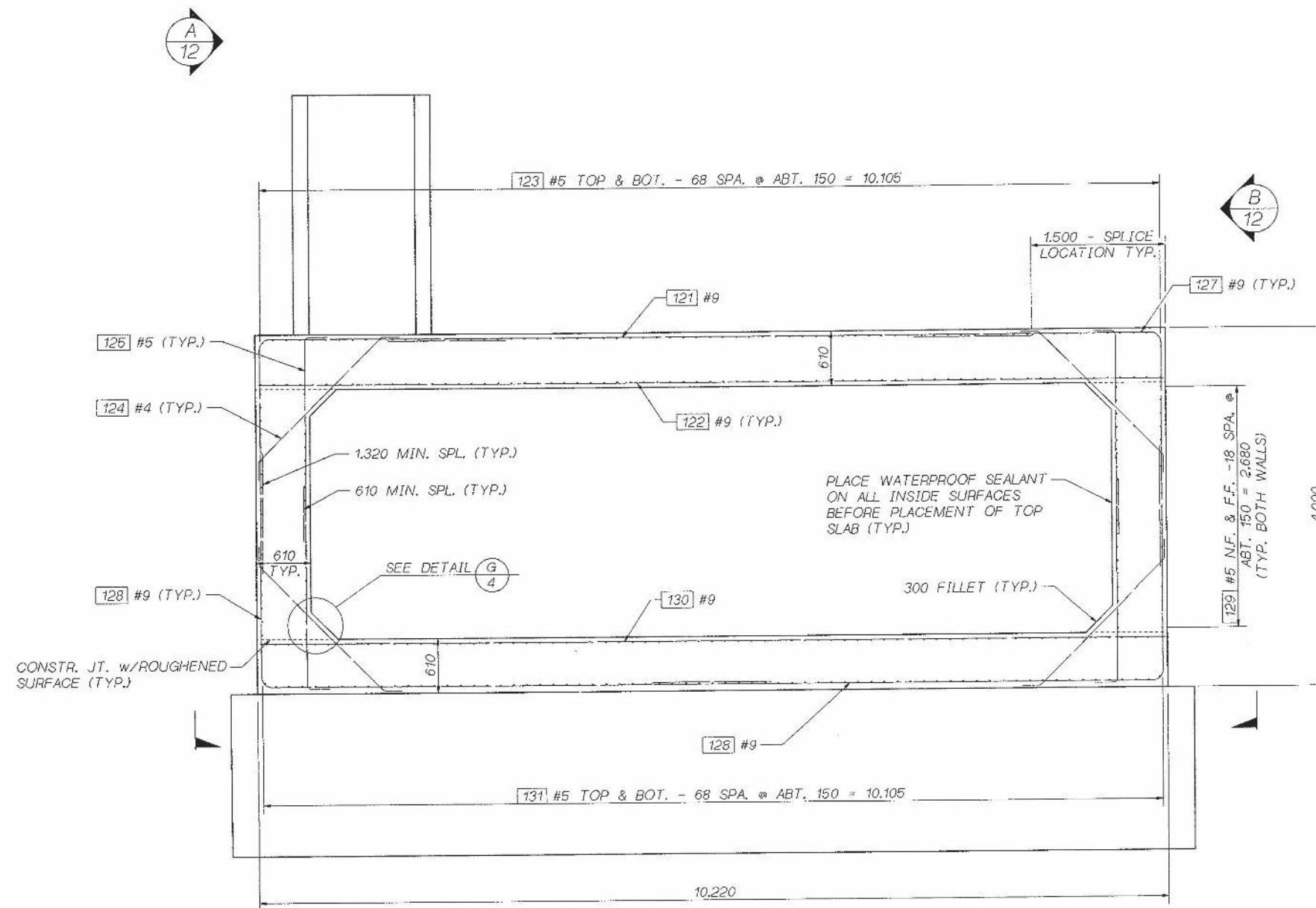


Washington State
Department of
Transportation

SR 405
BOTHELL TO SWAMP CREEK I/C
HOV LANES - STAGE 1
TANKS AND VAULTS

LAYOUT - NW-12 VAULT

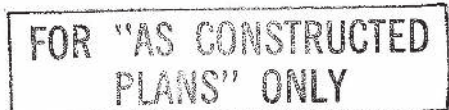
BRIDGE
SHEET
NO. 8
SHEET
198
OF
663
SHEET 13



TYPICAL TRANSVERSE SECTION

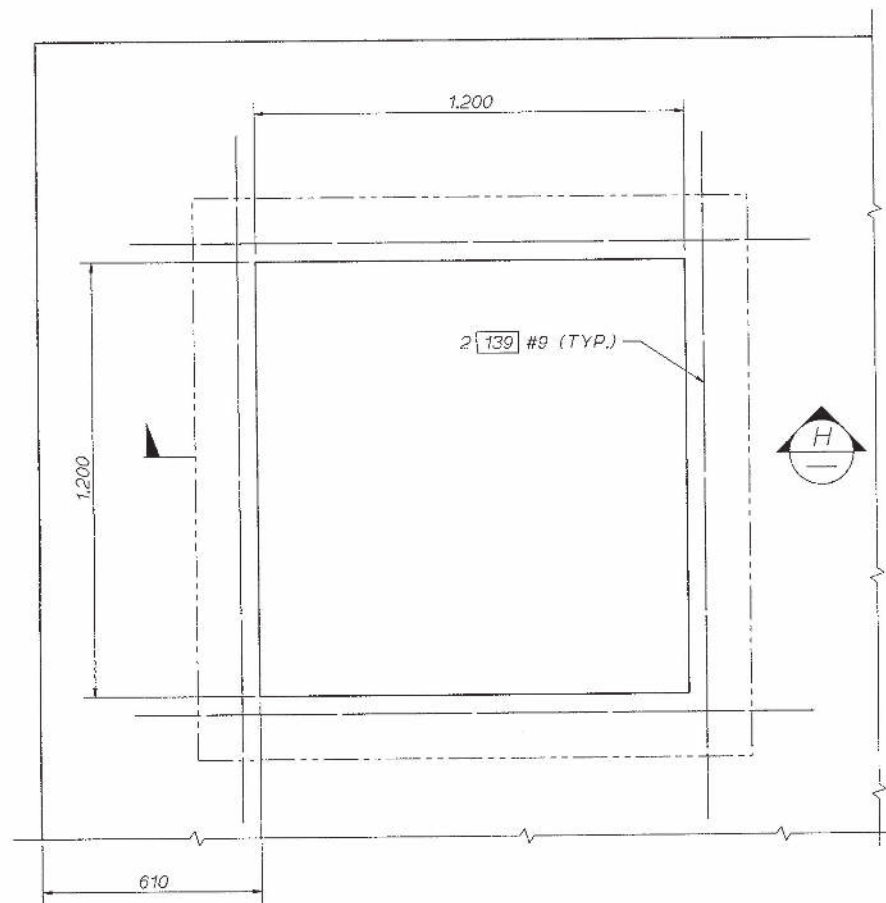
FOR "AS CONSTRUCTED
PLANS" ONLY

Bridge Design Engr. C. C. RUTH	VAULTSROOT (FGB) VAULT 19.1 FGB. 1	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	BRIDGE AND STRUCTURES OFFICE	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION	SR 405 BOTHELL TO SWAMP CREEK I/C HOV LANES - STAGE 1 TANKS AND VAULTS	BRIDGE SHEET NO. 9
Supervisor R. T. SHAEFER		10	WASH.							
Designed By M. TALUKDAR 8/96										
Checked By F. KESHAVARZI 10/96										
Detailed By V.B. SCHICCHI 8/96										
Bridge Projects Engr.										
Prelim. Plan By										
Architect/Specialist	DATE	REVISION	BY	APP'D	5054				NW-12 VAULT SECTIONS	SHEET 199 OF 663 SHEETS



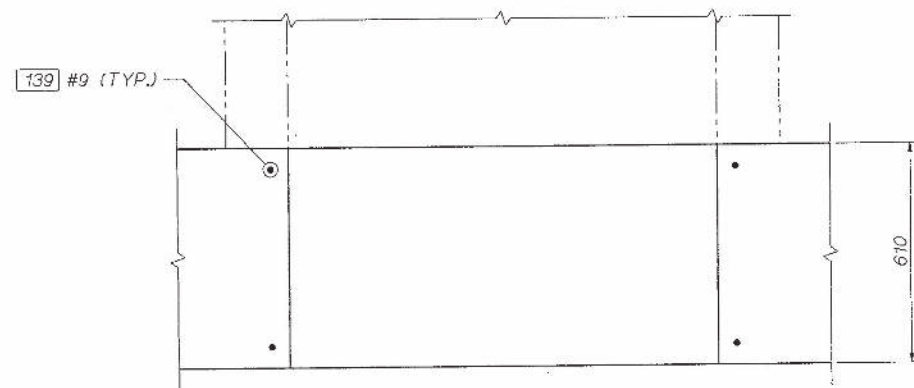
- BAR LENGTH AND SPLICE LOCATION AT CONTRACTORS OPTION.

Bridge Design Engr. C. G. RUTH	VAULT T9-007 (FGB) VAULT T9-2, FGB-1				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	 SUPERVISING BRIDGE ENGINEER	 BRIDGE DESIGN ENGINEER	 Washington State Department of Transportation	SR 405		SHEET NO. 10 SHEET 200 OF 663 SHEETS
Supervisor R. T. SHAEFER									BOTHELL TO SWAMP CREEK 1/C						
Designed By M. TALUKDAR 8/96									HOV LANES - STAGE 1						
Checked By F. KESHAVARZI 10/96									TANKS AND VAULTS						
Detailed By V.B. SCHICCHI 8/96									NW-12 VAULT SECTIONS						
Bridge Projects Engr.															
Prelim Plan By															
Architect/Specialist	DATE	REVISION	BY	APP'D	5054										
15-NOV-96															

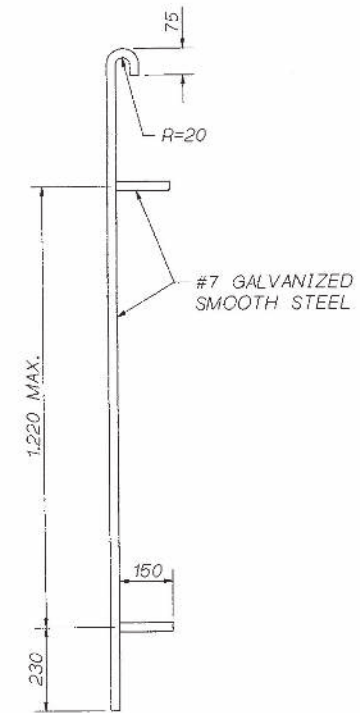
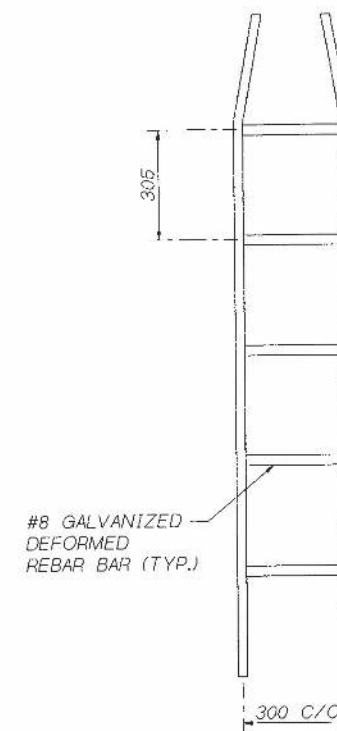


REINF. @ RISER OPENING

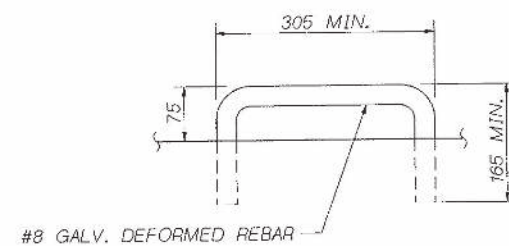
DETAIL TYPICAL 3 PLACES
SLAB BARS NOT SHOWN FOR CLARITY.



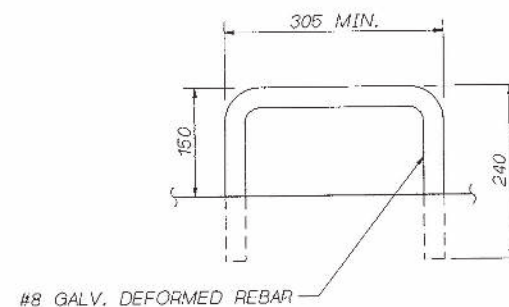
SECTION H



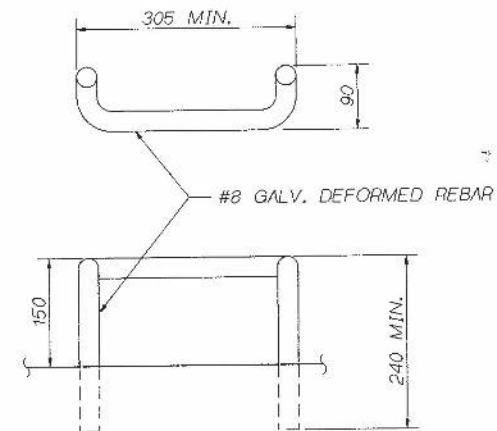
PREFABRICATED VAULT LADDER



HANDHOLD



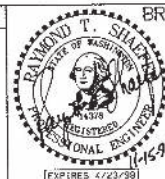
VAULT STEP



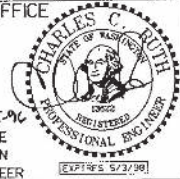
DROP RUNG VAULT STEP

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PLANS" ONLY

Bridge Design Engr. C. G. RUTH	VAULTSROOT (FGB) VL T9 SLAB FGB: 1	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor R. T. SHAEFER		10	WASH.			
Designed By M. TALUKDAR 9/96		JOB NUMBER				
Checked By F. KESHAVARZI 10/96		96W035				
Detailed By V.B. SCHIOCHI 9/96						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APP'D	5054	
15-NOV-96						



BRIDGE AND STRUCTURES OFFICE



11-15-96
BRIDGE
DESIGN
ENGINEER

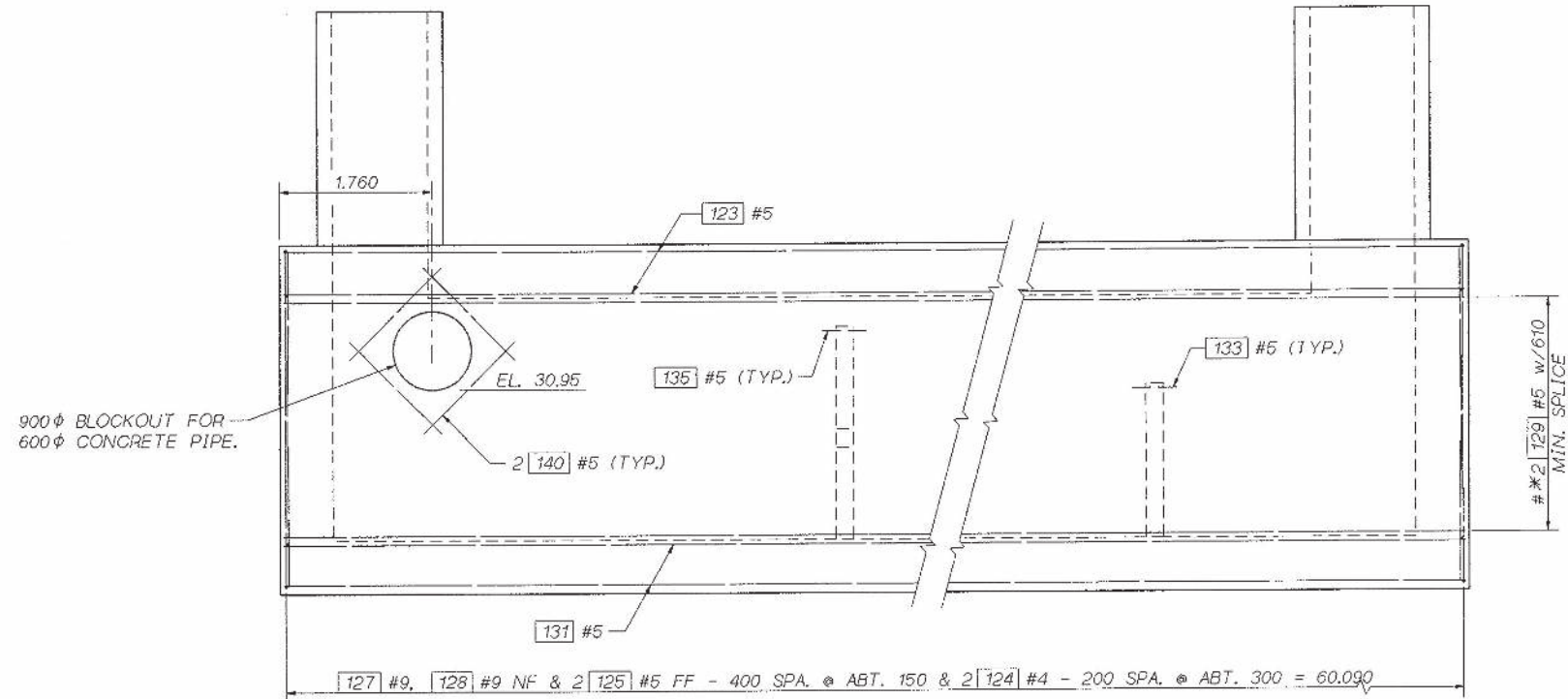


Washington State
Department of
Transportation

SR 405
BOTHELL TO SWAMP CREEK I/C
HOV LANES - STAGE 1
TANKS AND VAULTS

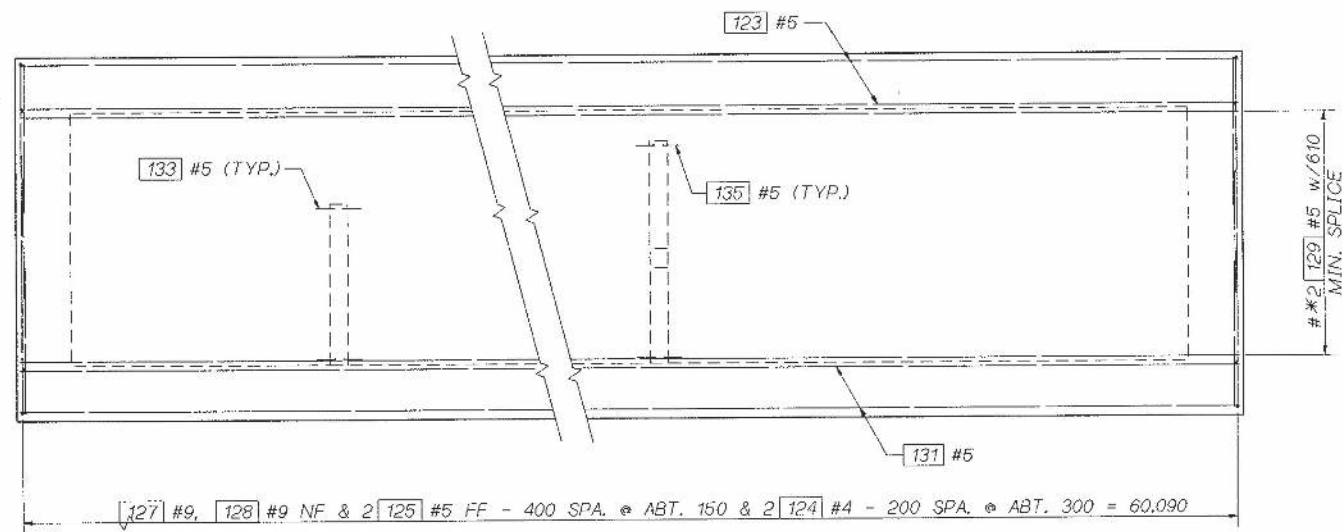
NW-12 VAULT SLAB DETAILS

BRIDGE
SHEET
NO. 11
SHEET
201
OF
663
SHEETS



VIEW A
9

* FOR DIMENSIONS NOT SHOWN, SEE BR. SHT. 9.
BAR LENGTH AND SPLICE LOCATION AT CONTRACTORS OPTION.

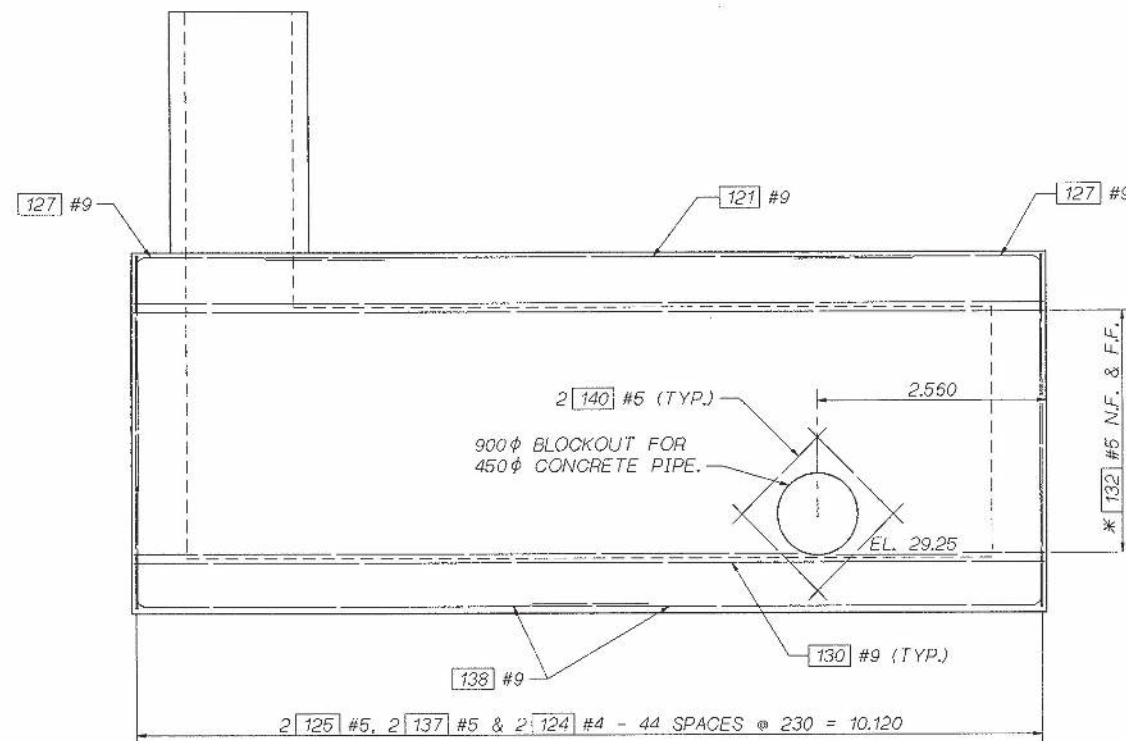


VIEW B
9

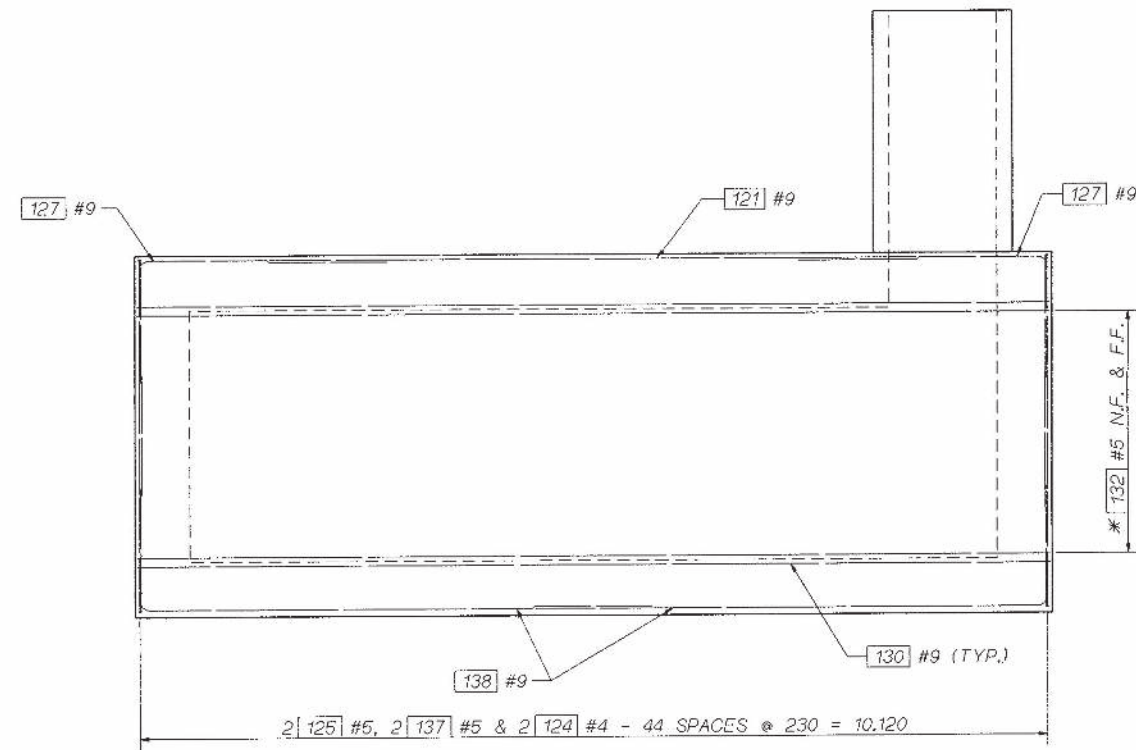
* FOR DIMENSIONS NOT SHOWN, SEE BR. SHT. 9.
BAR LENGTH AND SPLICE LOCATION AT CONTRACTORS OPTION.

FOR "AS CONSTRUCTED
PLANS" ONLY

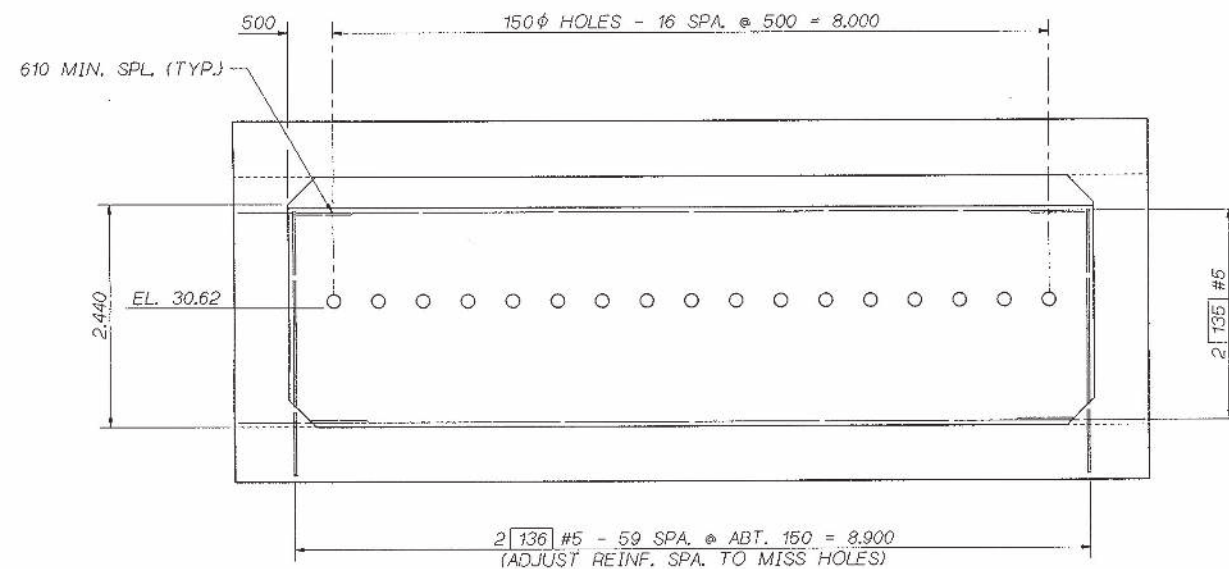
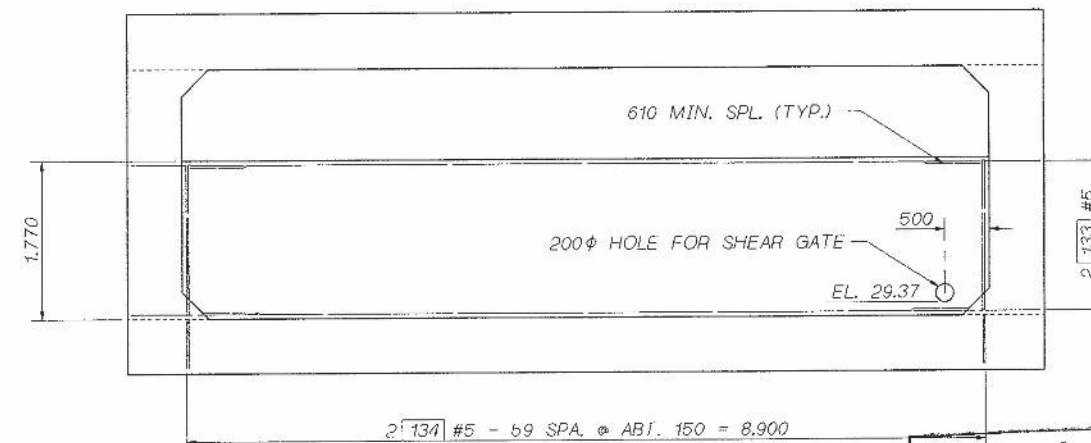
Bridge Design Engr. C. C. RUTH	VAULTS ROOT (FGB) VAULT 9_3, FGB: 1	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	 SUPERVISING BRIDGE ENGINEER	 BRIDGE DESIGN ENGINEER		Washington State Department of Transportation	SR 405	BRIDGE SHEET NO.			
Supervisor R. T. SHAEFER														BOTHELL TO SWAMP CREEK I/C	12
Designed By M. TALUKDAR 9/96			10	WASH.										HOV LANES - STAGE 1	SHEET 202
Checked By F. KESHAVARZI 10/96			JOB NUMBER 96W035											TANKS AND VAULTS	OF 663
Detailed By V.B. SCHICCHI 9/96											NW-12 VAULT SECTIONS	SHEETS			
Bridge Projects Engr.															
Prelim. Plan By															
Architect/Specialist	DATE	REVISION	BY	APP'D	5054										
15-NOV-96															

VIEW **G**
10

* FOR DIMENSIONS NOT SHOWN, SEE BR. SHT 8.

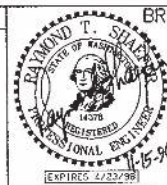
VIEW **D**
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* FOR DIMENSIONS NOT SHOWN, SEE BR. SHT 8.

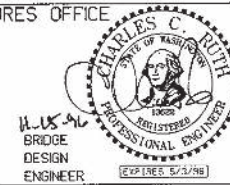
SECTION **E**
10FOR REINF. & DIMENSIONS NOT SHOWN SEE
"TYPICAL TRANSVERSE SECTION" BRIDGE SHEET 9.SECTION **F**
10FOR REINF. & DIMENSIONS NOT SHOWN SEE
"TYPICAL TRANSVERSE SECTION" BRIDGE SHEET 9.FOR "AS CONSTRUCTED
PLANS" ONLY

Bridge Design Engr. C. C. RUTH	VAULT ROOT (FGB) VAULT 4. FGB: 1	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor R. T. SHAEFER		10	WASH.			
Designed By M. TALUKDAR 9/96						
Checked By F. KESHAVARZI 10/96						
Detailed By V.B. SCHICCHI 9/96						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APP'D	5054	

15-NOV-96

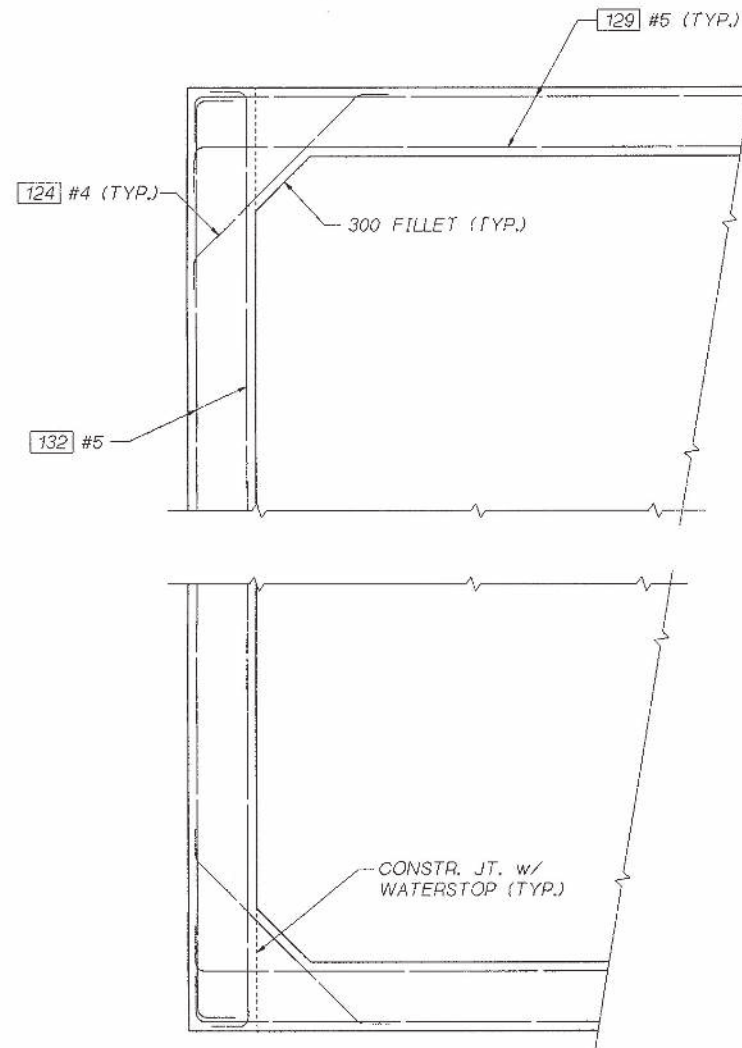


BRIDGE AND STRUCTURES OFFICE

SUPERVISING
BRIDGE
ENGINEERH. K. & C.
BRIDGE
DESIGN
ENGINEERWashington State
Department of
TransportationSR 405
BOTHELL TO SWAMP CREEK I/C
HOV LANES - STAGE 1
TANKS AND VAULTS

NW-12 VAULT SECTIONS

BRIDGE
SHEET NO.
13
SHEET
203
OF
663
SHEETS



PLAN - CORNER DETAIL
TYP. ALL 4 CORNERS

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SR 405 JOB NO. 7082 SHEET 14

Bridge Design Engr. C. C. RUTH	VAULT SROOT: (FGB) VAULT 9_5, FGB-1		REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	BRIDGE AND STRUCTURES OFFICE		 Washington State Department of Transportation	SR 405	BOTHELL TO SWAMP CREEK I/C HOV LANES - STAGE 1 TANKS AND VAULTS NW-12 VAULT WALL DETAILS	BRIDGE SHEET NO. 14
Supervisor R. T. SHAEFER			10	WASH.				 SUPERVISING BRIDGE ENGINEER	 BRIDGE DESIGN ENGINEER		SHEET 204 OF 663 SHEETS		
Designed By M. TALUKDAR 9/96													
Checked By F. KESHAVARZI 10/96													
Detailed By V.B. SCHICCHI 9/96													
Bridge Projects Engr.													
Prelim. Plan By													
Architect/Specialist	DATE	REVISION	BY	APP'D	5054								
15-NOV-96													