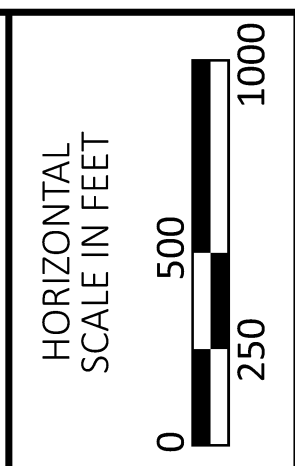


STRUCTURE DATA TABLE									
LOCATION	BRIDGE/WALL NUMBER	STRUCTURAL FILE NUMBER	STRUCTURE TYPE	STRUCTURE LIMITS	LATITUDE & LONGITUDE	BRIDGE WIDTH (OUT/OUT)	LANES ON	LANES UNDER	PROPOSED WORK (WORK SHOWN IS REPRESENTATIVE AND DOES NOT INCLUDE ALL WORK REQUIRED)
1	CUY-14684-0.350	1806378	3-SPAN CONTINUOUS ROLLED STEEL BEAM	205'±	41°26'19"N 81°38'54"W	66.3'±	4	6	REPLACE APPROACH RAILINGS AND SIDEWALKS REPLACE ACCESS DOORS SUBSTRUCTURE CONCRETE PATCHING, CRACK REPAIR, AND SEALING PAINT STEEL BEAMS
2	CUY-00077-11.690	1806408	SINGLE SPAN WELDED BUILT-UP STEEL	141.8'±	41°26'33"N 81°39'03"W	24.3'±	1 (TRACK)	6	SUBSTRUCTURE CONCRETE PATCHING, CRACK REPAIR, AND SEALING PAINT STEEL BEAMS
3	CUY-00077-11.710	1806440	SINGLE SPAN WELDED BUILT-UP STEEL	151.8'±	41°26'35"N 81°39'04"W	24.3'±	1 (TRACK)	6	PAINT STEEL BEAMS SUBSTRUCTURE CONCRETE PATCHING, CRACK REPAIR, AND SEALING
4	CUY-00077-11.780	1806491	SINGLE SPAN WELDED BUILT-UP STEEL	181.8'±	41°26'37"N 81°39'07"W	24.3'±	1 (TRACK)	6	PAINT STEEL BEAMS SUBSTRUCTURE CONCRETE PATCHING, CRACK REPAIR, AND SEALING
5	CUY-00077-11.803	1806432	SINGLE SPAN WELDED BUILT-UP STEEL	150.8'±	41°26'39"N 81°39'07"W	27'±	2 (UNSTRIPED)	6	PAINT STEEL BEAMS SUBSTRUCTURE CONCRETE PATCHING, CRACK REPAIR, AND SEALING
6	CUY-14752-0.018	1806521	SINGLE SPAN ROLLED STEEL	136.58'±	41°27'20"N 81°39'27"W	73.25'±	4	6	SUBSTRUCTURE CONCRETE PATCHING, CRACK REPAIR, AND SEALING
7	CUY-04462-0.159	1806645	SINGLE SPAN ROLLED STEEL	151.7'±	41°28'15"N 81°39'35"W	58.7'±	3	7	SUBSTRUCTURE CONCRETE PATCHING, CRACK REPAIR, AND SEALING
8	CUY-18395-0.241R	N/A	RETAINING WALL	1430.10'±	41°27'33"N 81°39'24"W	N/A	N/A	N/A	CONCRETE PATCHING AND SEALING REMOVAL OF FENCE AND INSTALLATION OF CAP AND FENCE ANCHORS INSTALLATION OF FENCE (SEE PART 1 PLANS)
9	CUY-00077-11.711R	N/A	RETAINING WALL	67.98'±	41°26'33"N 81°39'03"W	N/A	N/A	N/A	CONCRETE PATCHING AND SEALING
10	CUY-00077-11.840L	N/A	RETAINING WALL	95.12'±	41°26'39"N 81°39'09"W	N/A	N/A	N/A	CONCRETE PATCHING, CRACK REPAIR, AND SEALING
11	CUY-00077-11.897R	N/A	RETAINING WALL	411.32'±	41°26'42"N 81°39'10"W	N/A	N/A	N/A	CONCRETE PATCHING AND SEALING REMOVAL OF FENCE AND INSTALLATION OF VANDAL PROTECTION FENCE
12	CUY-18394-0.206R	N/A	RETAINING WALL	804.38'±	41°27'12"N 81°39'25"W	N/A	N/A	N/A	CONCRETE PATCHING AND SEALING
13	CUY-18395-0.017R	N/A	RETAINING WALL	412.86'±	41°27'22"N 81°39'25"W	N/A	N/A	N/A	CONCRETE PATCHING AND SEALING
14	CUY-00077-12.720L	N/A	RETAINING WALL	784'±	41°27'22"N 81°39'27"W	N/A	N/A	N/A	CONCRETE PATCHING AND SEALING REMOVAL OF BRIDGE RAILING AND INSTALLATION OF VANDAL PROTECTION FENCE



SCHEMATIC PLAN

DESIGN AGENCY  
**AECOM**  
 564 White Pond Drive  
 Akron, OH 44320  
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 www.aecom.com

DESIGNER  
 PN

REVIEWER  
 MRW 05/01/26

PROJECT ID  
 105743

SHEET TOTAL  
 P:2 P.27

**STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:**

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

- AS-2-15 REVISED 7/21/23
- EXJ-6-17 REVISED 1/19/24
- VPF-1-24 REVISED 1/17/25

**DESIGN SPECIFICATIONS:**

THESE STRUCTURES CONFORM TO THE 9TH EDITION OF THE LRFD BRIDGE DESIGN SPECIFICATIONS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

**DESIGN DATA:**

CONCRETE CLASS QC2- COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

CONCRETE CLASS QC 1- COMPRESSIVE STRENGTH 4.0 KSI (SUBSTRUCTURE)

**CONCRETE REINFORCEMENT:**

EPOXY COATED STEEL REINFORCEMENT- MINIMUM YIELD STRENGTH 60 KSI

**RIGHT OF WAY:**

ALL WORK IS TO BE PERFORMED WITHIN THE EXISTING RIGHT OF WAY OR EASEMENTS OR WITHIN STATE PROPERTY. ALL WORK ON RETAINING WALLS IS TO BE PERFORMED FROM I-77 SIDE OF WALLS.

**EXISTING STRUCTURE VERIFICATION:**

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS SECTIONS 102.05 AND 105.02. BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PRE-BID EXAMINATION OF THE EXISTING STRUCTURE BY THE CONTRACTOR. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD. DETAILS SHOWN IN GREY ARE TAKEN FROM EXISTING PLANS AND SHOULD BE USED FOR INFORMATIONAL PURPOSES ONLY. PERFORM ONLY THE WORK AS INDICATED IN THE STRUCTURE DATA TABLE, BOXED TEXT, AND/OR DESCRIBED IN THE GENERAL NOTES. THE EXISTING STRUCTURE PLANS MAY BE REVIEWED AT THE:

OHIO DEPARTMENT OF TRANSPORTATION  
DISTRICT 12 OFFICE  
5500 TRANSPORTATION BOULEVARD  
GARFIELD HEIGHTS, OH 44125

EXISTING PLANS ARE ALSO AVAILABLE THROUGH THE FOLLOWING ODOT WEBSITE:

[HTTP://WWW.DOT.STATE.OH.US/DIVISIONS/CONTRACTADMIN/CONTRACTS/PAGES/DESIGNFILES.ASPX](http://www.dot.state.oh.us/divisions/contractadmin/contracts/pages/designfiles.aspx)

**NOTIFICATION**

ALL WORK ON THE OMNITRAX BRIDGES SHALL BE COORDINATED WITH RAILWORKS AND THEY SHALL BE NOTIFIED IN WRITING AT LEAST 14 DAYS PRIOR TO THE START OF CONSTRUCTION.

RAILWORKS SIGNALS AND COMMUNICATIONS LLC  
ATTN: COLLIN CONNOR  
PHONE: 904-238-3828  
EMAIL: CCONNOR@RAILWORKS.COM

**ITEM 100 - PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE, AS PER PLAN:**

THIS ITEM APPLIES TO ALL WORK PERFORMED IN CONNECTION WITH THE RAILROAD AT LOCATIONS 2 THROUGH 5, 8, AND 9.

**ITEM 201 - CLEARING AND GRUBBING, AS PER PLAN:**

AT ALL LOCATIONS THIS ITEM INCLUDES THE REMOVAL OF TREES AND BRUSH IN ORDER TO GAIN ACCESS TO APPLICABLE AREAS OF THE STRUCTURES TO PERFORM THE SPECIFIED WORK UP TO THE RIGHT OF WAY LINE. ALTHOUGH NO TREES OR STUMPS ARE SPECIFICALLY MARKED FOR REMOVAL IN THE PLANS, THEY SHOULD BE REMOVED AT THE DIRECTION OF THE ENGINEER. PAYMENT FOR LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK IS INCLUDED FOR PAYMENT AT THE LUMP SUM CONTRACT PRICE FOR ITEM 201 - CLEARING AND GRUBBING, AS PER PLAN.

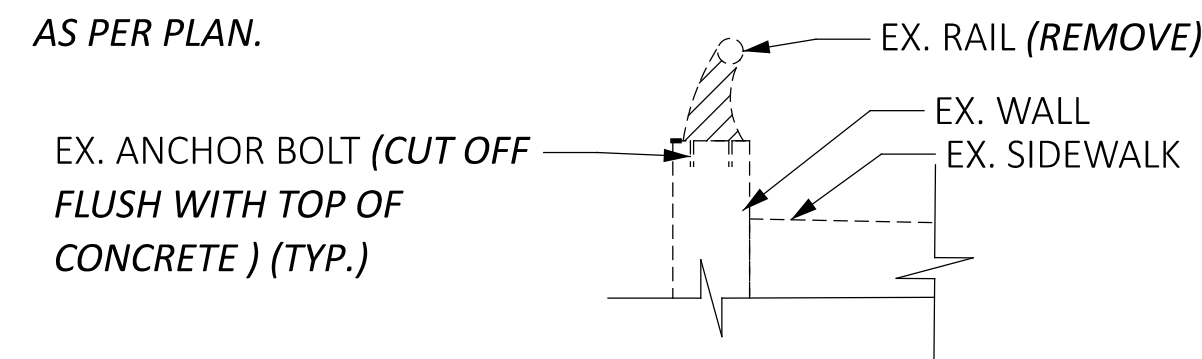
**ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN DESCRIPTION:**

THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT, EXCEPT FOR WEARING COURSE REMOVAL. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND BE DIRECTED TO BE REMOVED BY THE ENGINEER. THE DEPARTMENT WILL NOT PERMIT THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAMS. DO NOT BEGIN WORK UNTIL THE ENGINEER ACCEPTS THE METHOD OF REMOVAL AND THE WEIGHT OF HAMMER SHALL BE APPROVED BY THE ENGINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT, ELONGATE OR DAMAGE THE EXISTING CONCRETE REINFORCEMENT TO BE PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL NOT BE PLACED IN DIRECT CONTACT WITH CONCRETE REINFORCEMENT THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE. SUBMIT CONSTRUCTION PLANS ACCORDING C&MS 501.05.

CUT LINE CONSTRUCTION JOINT PREPARATION: SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVALS 1 INCH DEEP OR GREATER IF NOTED IN PLANS. REMOVE CONCRETE TO A ROUGH SURFACE. INSTALL DOWEL BARS IF SPECIFIED. PRIOR TO CONCRETE PLACEMENT ABRASIVELY CLEAN JOINT SURFACES. THOROUGHLY CLEAN THE JOINT SURFACE BY THE USE OF WATER, AIR UNDER PRESSURE, OR OTHER METHODS THAT PRODUCE SATISFACTORY RESULTS. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE. SEAL WITH HMWM AS NOTED IN PLANS.

**ITEM 202 - BRIDGE RAILING REMOVED, AS PER PLAN:**

AT LOCATION 14 (CUY-00077-12.720L), CONTRACTOR SHALL REMOVE EXISTING METAL RAILING ATTACHED TO THE TOP OF WALL. EXISTING ANCHOR BOLTS SHALL BE CUT FLUSH WITH THE TOP OF CONCRETE. SEE DETAIL BELOW. INCLUDE ALL COSTS FOR THIS REMOVAL AT THE LINEAR FOOT CONTRACT PRICE ITEM 202 BRIDGE RAILING REMOVED, AS PER PLAN.



**ITEM 202 - FENCE REMOVED, AS PER PLAN:**

AT LOCATION 8 (CUY-18395-0.241R) AND LOCATION 11 (CUY-00077-11.897R), CONTRACTOR SHALL REMOVE EXISTING FENCE ATTACHED TO THE TOP OF WALL. EXISTING ANCHOR BOLTS SHALL BE CUT FLUSH WITH THE TOP OF CONCRETE. INCLUDE ALL COSTS FOR THIS REMOVAL AT THE PER LINEAR FOOT CONTRACT PRICE FOR ITEM 202 - FENCE REMOVED, AS PER PLAN.

**ITEM 510 - DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN:**

DRILL DOWEL HOLES WHERE SHOWN IN THE PLANS. INSTALL REINFORCING STEEL ACCORDING TO ITEM 510 USING NONSHRINK, NONMETALLIC GROUT, 705.20 AND ROTARY-IMPACT (HAMMER) DRILL. PRIOR TO DRILLING DOWEL HOLES, LOCATE ALL EXISTING REINFORCING STEEL BARS IN THE AREA OF THE HOLE WITH A REINFORCING STEEL BAR LOCATOR (PACHOMETER). IF AN EXISTING BAR IS ENCOUNTERED AT THE SAME LOCATION AS A PROPOSED DOWEL HOLE, MOVE THE DOWEL HOLE TO EITHER SIDE OF THE EXISTING BAR WHILE MAINTAINING A MINIMUM CONCRETE COVER OF 3 INCHES. ALL WORK AND EQUIPMENT REQUIRED FOR LOCATING EXISTING BARS SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 510, DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN.

**ITEM 512 - CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN:**

SPECIFIC CRACK REPAIR LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

**ITEM 512 - SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN:**

SEAL CONCRETE LOCATIONS AS SPECIFIED IN THE PLANS. BRICK AREAS SHALL NOT BE SEALED. EPOXY-URETHANE SHALL BE FEDERAL COLOR NO. 595B-25630, LIGHT GREY (SEMIGLOSS)

**ITEM 512 - REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN:**

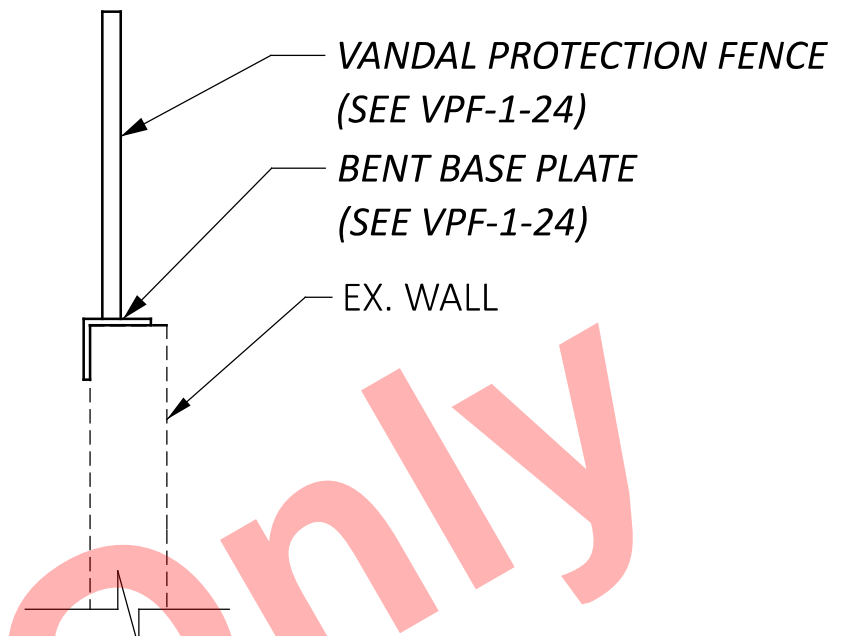
REMOVE EXISTING COATINGS IN LOCATIONS TO RECEIVE SEALING. IF EXISTING UTILITIES ARE LOCATED WITHIN THE SPECIFIED REMOVAL LOCATIONS, THE COST FOR REMOVAL AND REINSTALLING THE UTILITIES SHALL BE INCLUDED IN THIS ITEM. CONTRACTOR SHALL ENSURE ANY EXISTING UTILITIES AND OTHER BRIDGE COMPONENTS ARE PROTECTED DURING THE REMOVAL OPERATIONS.

**ITEM 519 - PATCHING CONCRETE STRUCTURES, AS PER PLAN:**

SPECIFIC PATCHING LOCATIONS SHALL BE DETERMINED BY THE ENGINEER. IF EXISTING UTILITIES ARE LOCATED WITHIN THE SPECIFIED PATCHING AREAS, THE COST FOR REMOVAL AND REINSTALLING THE UTILITIES SHALL BE INCLUDED IN THIS ITEM. PRIOR TO THE SURFACE CLEANING SPECIFIED IN C&MS 519.04 AND WITHIN 24 HOURS OF PLACING PATCHING MATERIALS, BLAST CLEAN ALL SURFACES TO BE PATCHED INCLUDING THE EXPOSED STEEL REINFORCEMENT. ACCEPTABLE METHODS INCLUDE HIGH-PRESSURE WATER BLASTING WITH OR WITHOUT ABRASIVES IN THE WATER, ABRASIVE BLASTING WITH CONTAINMENT, OR VACUUM ABRASIVE BLASTING. CONTRACTOR SHALL ENSURE ANY EXISTING UTILITIES AND OTHER BRIDGE COMPONENTS ARE PROTECTED DURING THE PATCHING OPERATIONS.

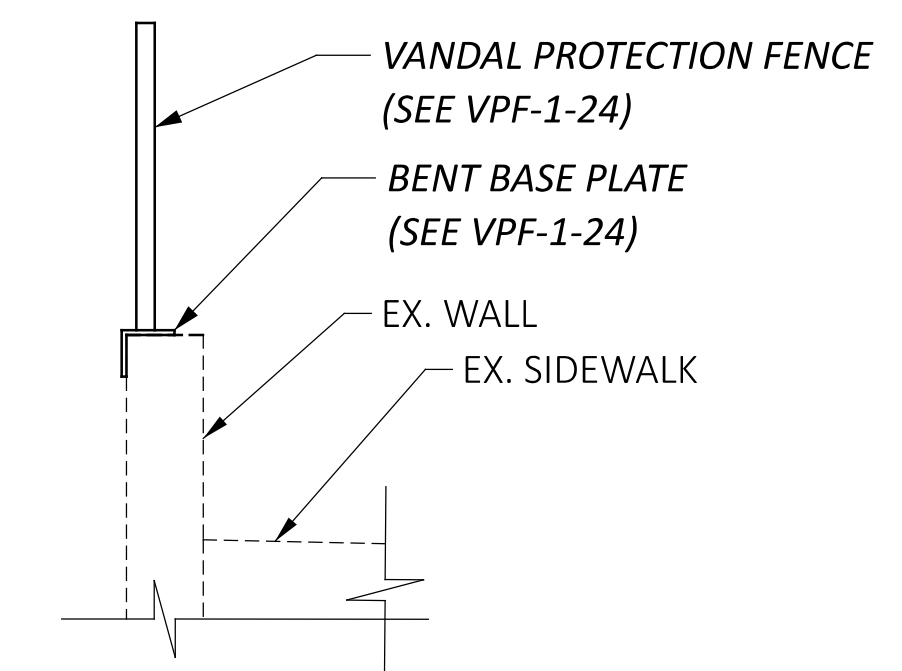
**ITEM 607 - VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN:**

AT LOCATION 11 (CUY-00077-11.897R), CONTRACTOR SHALL INSTALL NEW 6' STRAIGHT VANDAL PROTECTION FENCE PER VPF-1-24 ALONG THE LENGTH OF THE WALL. SEE DETAIL BELOW. THE PVC COATING SHALL BE BLACK IN COLOR. PRIOR TO ORDERING FENCE MATERIALS, FIELD MEASURE THE LOCATIONS OF EXISTING ANCHOR BOLTS AND RETAINING WALL JOINTS AND DETERMINE A LAYOUT OF PROPOSED FENCE POST LOCATIONS THAT AVOIDS INTERFERENCE. GENERALLY, THE PROPOSED LAYOUT SHALL USE AS MANY EQUAL POST SPACINGS AS PRACTICABLE, NOT EXCEEDING THE MAXIMUM POST SPACINGS STATED IN THE STANDARD DRAWING. PREPARE AND SUBMIT A DRAWING OF THE LAYOUT FOR REVIEW AND APPROVAL BY THE ENGINEER.



**ITEM 607 - VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN:**

AT LOCATION 14 (CUY-00077-12.720L), CONTRACTOR SHALL INSTALL 8' STRAIGHT VANDAL PROTECTION FENCE PER VPF-1-24 ALONG THE LENGTH OF THE WALL. SEE DETAIL BELOW. THE PVC COATING SHALL BE BLACK IN COLOR. PRIOR TO ORDERING FENCE MATERIALS, FIELD MEASURE THE LOCATIONS OF EXISTING ANCHOR BOLTS AND RETAINING WALL JOINTS AND DETERMINE A LAYOUT OF PROPOSED FENCE POST LOCATIONS THAT AVOIDS INTERFERENCE. GENERALLY, THE PROPOSED LAYOUT SHALL USE AS MANY EQUAL POST SPACINGS AS PRACTICABLE, NOT EXCEEDING THE MAXIMUM POST SPACINGS STATED IN THE STANDARD DRAWING. PREPARE AND SUBMIT A DRAWING OF THE LAYOUT FOR REVIEW AND APPROVAL BY THE ENGINEER.



**ITEM SPECIAL - STRUCTURE, MISC.: REMOVE AND REPLACE MAN DOOR:**

AT LOCATION 1 (BRIDGE CUY-14684-0.350). THIS ITEM SHALL INCLUDE ALL WORK NECESSARY TO REMOVE AND REPLACE EXISTING ACCESS DOORS AND DOOR FRAMES IN ABUTMENTS. REPLACEMENT DOORS SHALL BE COMMERCIAL GRADE FLUSH MOUNT DOORS AS MANUFACTURED BY STEELCRAFT OR AN APPROVED EQUAL AND SHALL HAVE THE FOLLOWING FEATURES:

- MINIMUM 14 GAGE DOOR, 12 GAGE FRAME, A60 GALVANIZED OR BETTER
- DOOR SHALL BE STEEL STIFFENED WITH REINFORCEMENT AT THE LOCK LOCATIONS
- MINIMUM OF 3 SAFETY STUDS ON HINGE SIDE
- KNOB DOOR HANDLE
- TAMPER PROOF OR NON-REMOVABLE HINGES
- DOORS PREPPED FOR INSTALLATION INTO CONCRETE
- DOORS SHOULD BE OUTSWING
- THREE LOCKSETS, ALL KEYED ALIKE

DOOR FRAMES SHALL BE ANCHORED INTO THE EXISTING CONCRETE AS RECOMMENDED BY THE MANUFACTURER. EXISTING DOORS ARE APPROXIMATELY 36" X 72". CONTRACTOR SHALL FIELD MEASURE DOOR OPENINGS PRIOR TO ORDERING MATERIALS. INCLUDE ALL COSTS FOR LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK IN THE CONTRACT PRICE FOR SPECIAL- STRUCTURE, MISC: REMOVE AND REPLACE DOOR.

DESIGN AGENCY

**AECOM**  
564 White Pond Drive  
Akron, OH 44320  
(330) 836-9111  
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DESIGNER

PN

REVIEWER

MRW 05/01/26

PROJECT ID

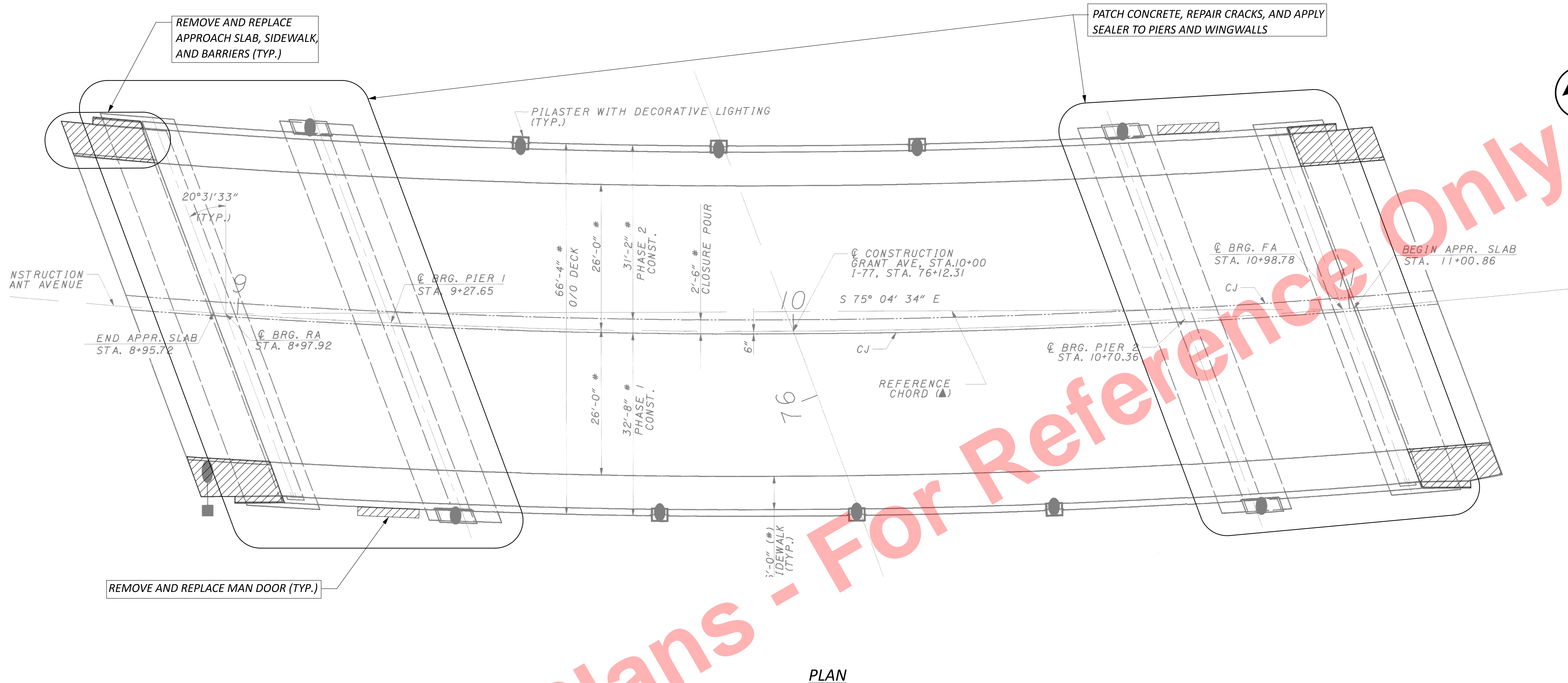
105743

SHEET

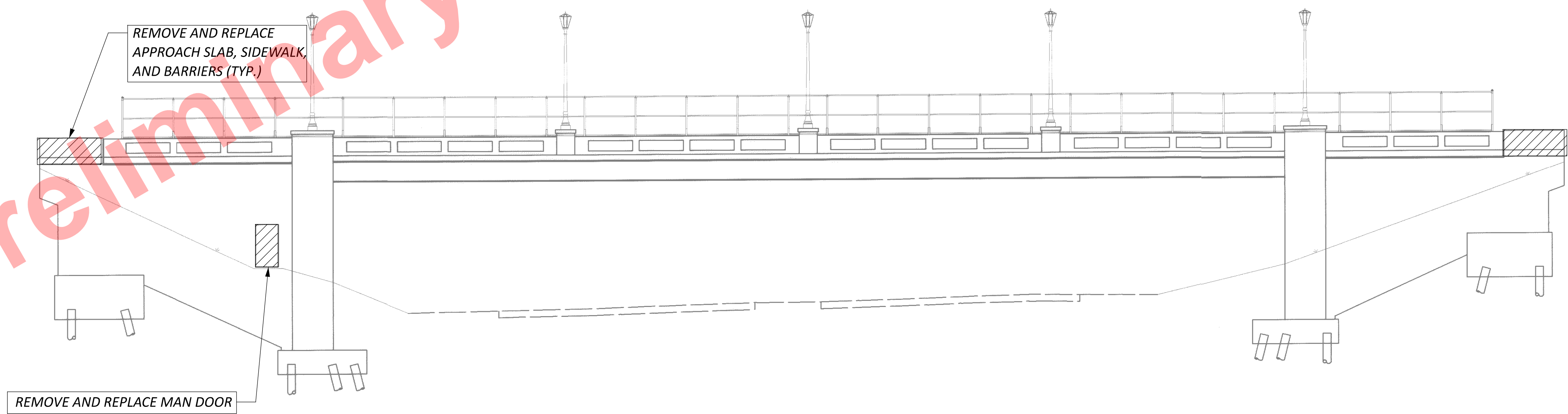
P.3

TOTAL

P.27



PLAN



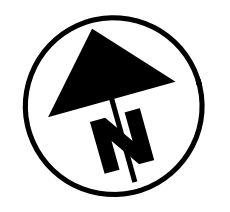
ELEVATION

- NOTES:**
1. PAINT STEEL PER CM&S 514 USING OZEU. PAINT COLOR SHALL BE FEDERAL COLOR NO. 595B-16440, GREY (GLOSS).
  2. IMAGES SHOWN ARE TAKEN FROM EXISTING PLANS.

**LEGEND:**

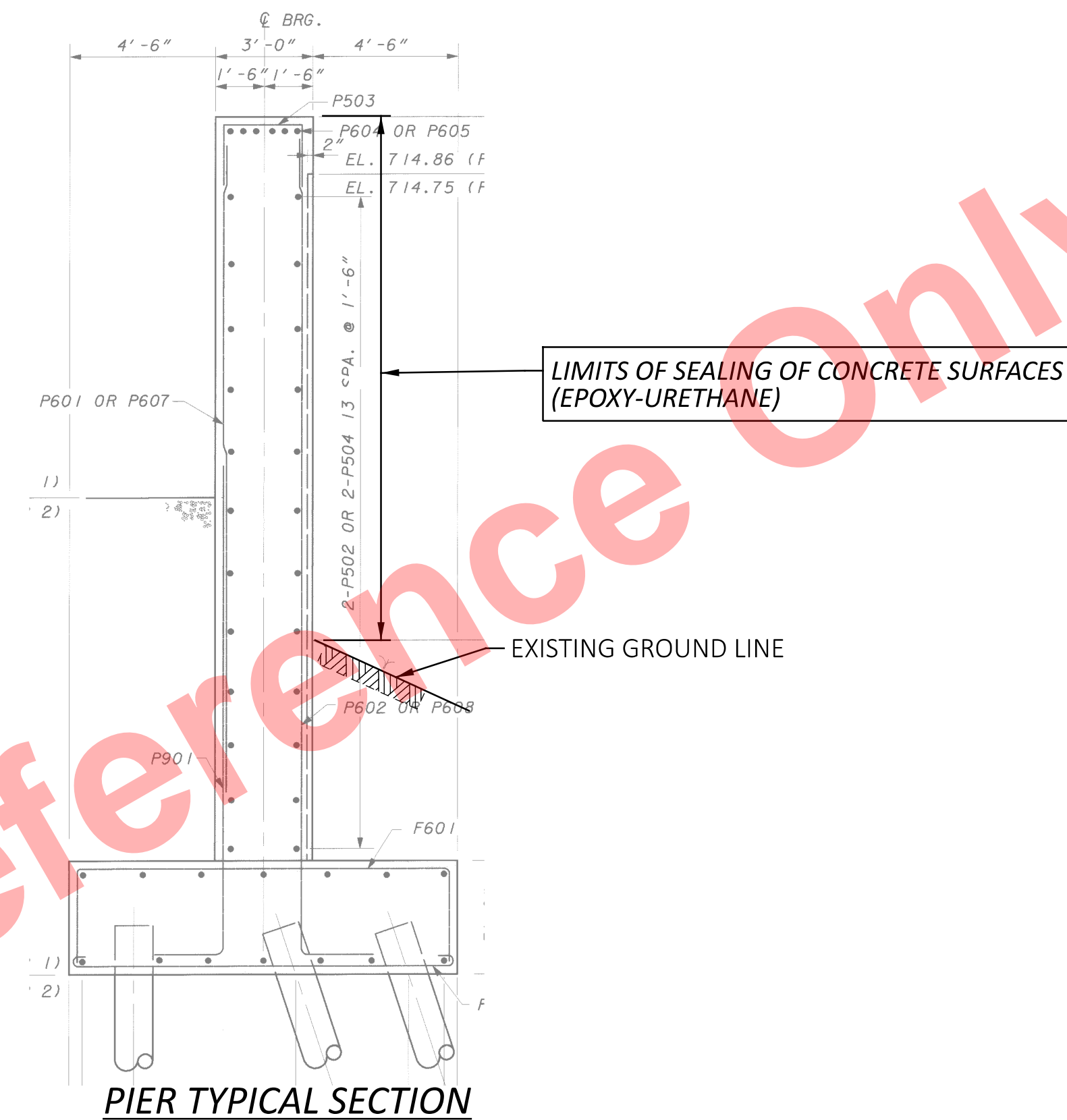
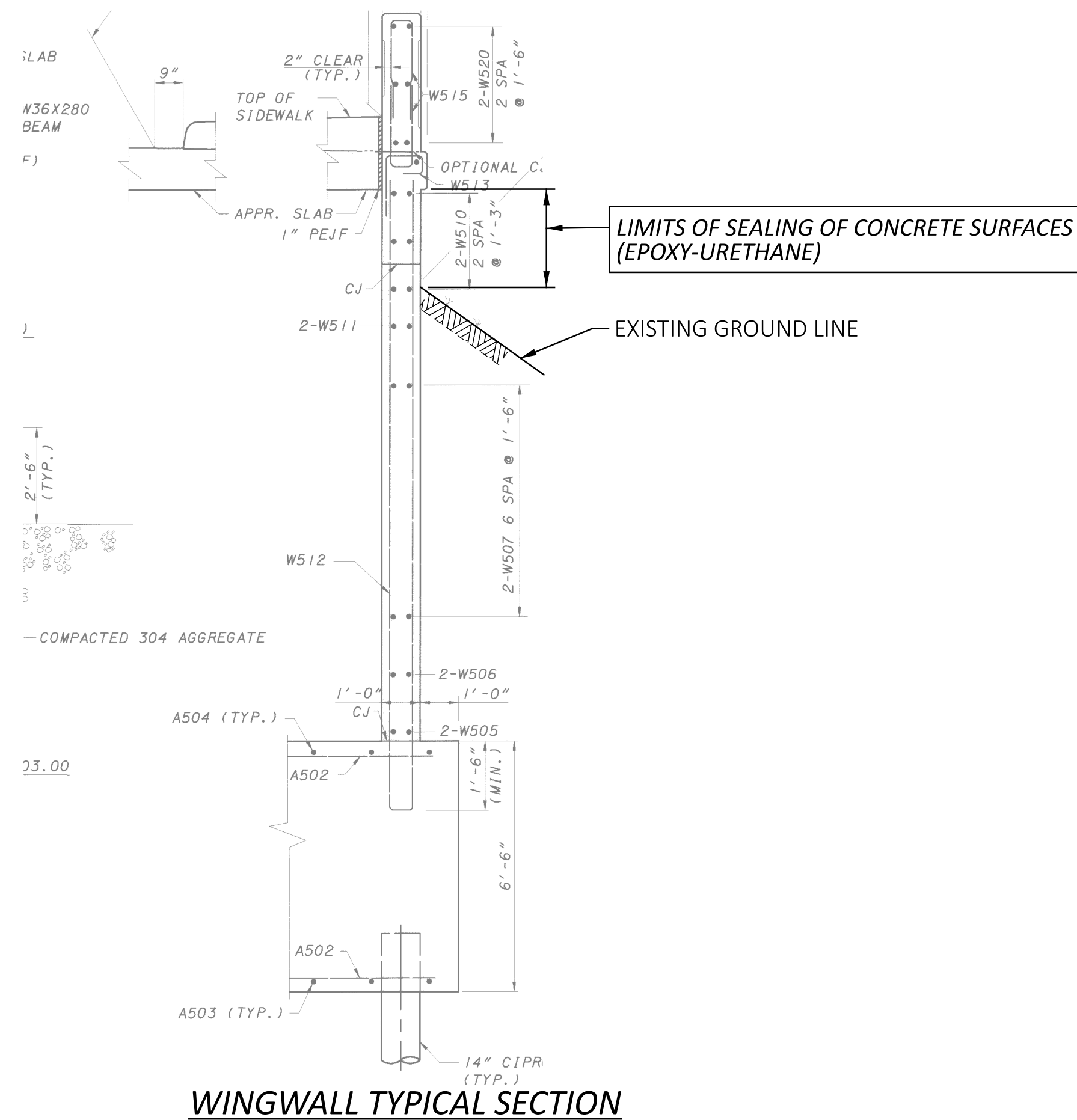
LIMITS OF REMOVAL

Preliminary Plans - For Reference Only



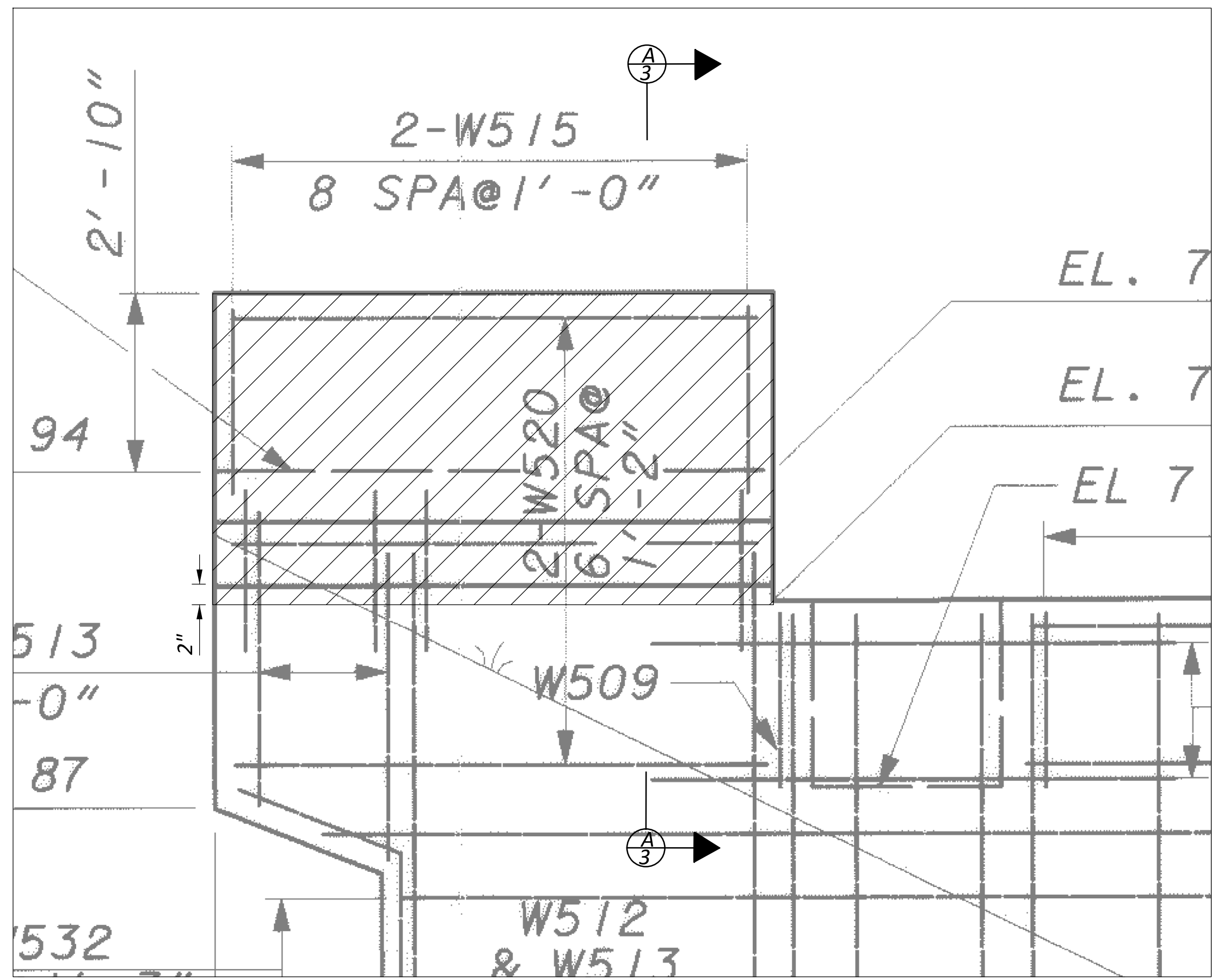
GENERAL PLAN - LOCATION 1  
 BRIDGE NO. CUY-14684-0.350  
 GRANT AVE. OVER I.R. 77

SFN	
1806378	
DESIGN AGENCY	
<b>AECOM</b>	
564 White Pond Drive Akron, OH 44320 (330) 836-9111 www.aecom.com	
DESIGNER	CHECKER
PN	TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID	
105743	
SUBSET	TOTAL
1	7
SHEET	TOTAL
P.4	P.27

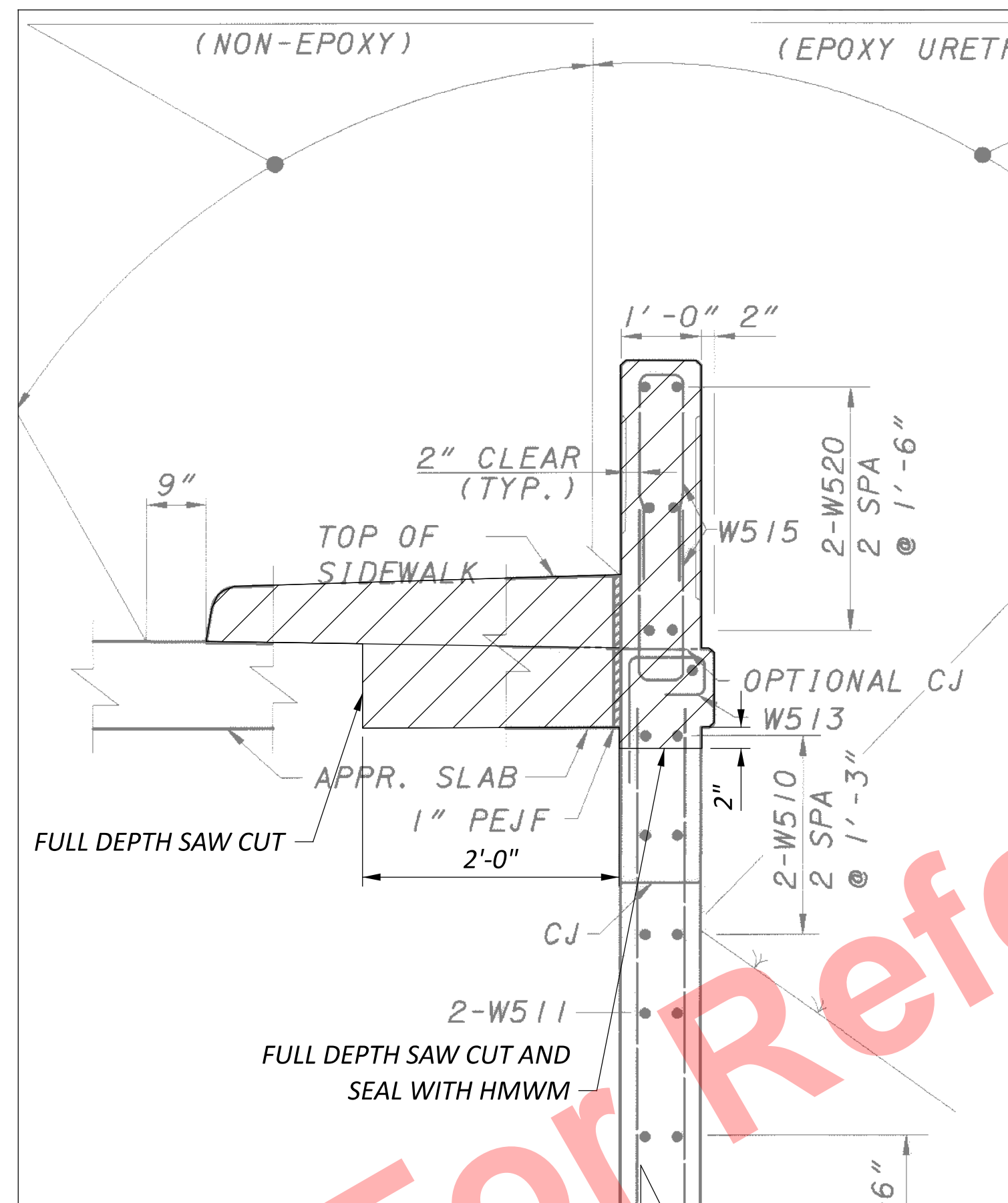


ESTIMATED QUANTITIES						CALCULATED BY: PN	
						CHECKED BY: JDM	
ITEM	ODOT	EXT.	PARTICIPATION 03/IMS	TOTAL	UNIT	DESCRIPTION	REF. SHEET
201		11001	LS	LS		CLEARING AND GRUBBING, AS PER PLAN	P.3
202		11201	LS	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	P.3
509		10000	4,697	4,697	LB	EPOXY COATED STEEL REINFORCEMENT	
510		10001	196	196	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN	P.3
511		34450	6	6	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)	
511		51512	16	16	CY	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK	
512		10050	53	53	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
512		10101	350	350	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	P.3
512		10601	50	50	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN	P.3
512		74001	288	288	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN	P.3
516		10010	28	28	FT	ARMORLESS PREFORMED JOINT SEAL	
516		13600	119	119	SF	1" PREFORMED EXPANSION JOINT FILLER	
516		12310	632	632	LB	SIDEWALK COVER PLATE	
519		11101	10	10	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	P.3
SPECIAL		53000400	2	2	EACH	SPECIAL - STRUCTURES, MISC.: REMOVE AND REPLACE MAN DOOR	

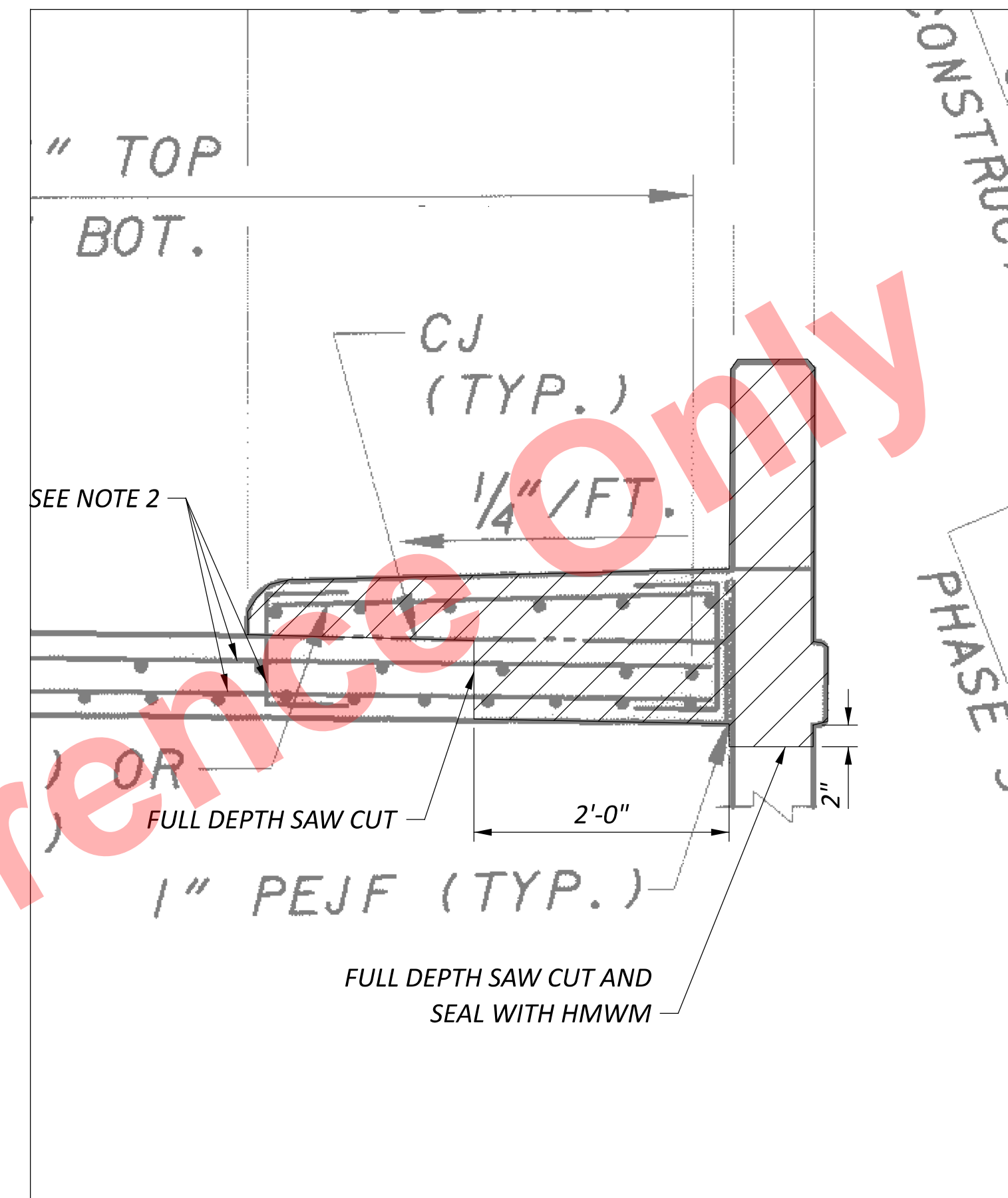
**NOTES:**  
 1. IMAGE SHOWN IS A TYPICAL SECTION AND DOESNT REPRESENT THE EXACT DIMENSIONS.



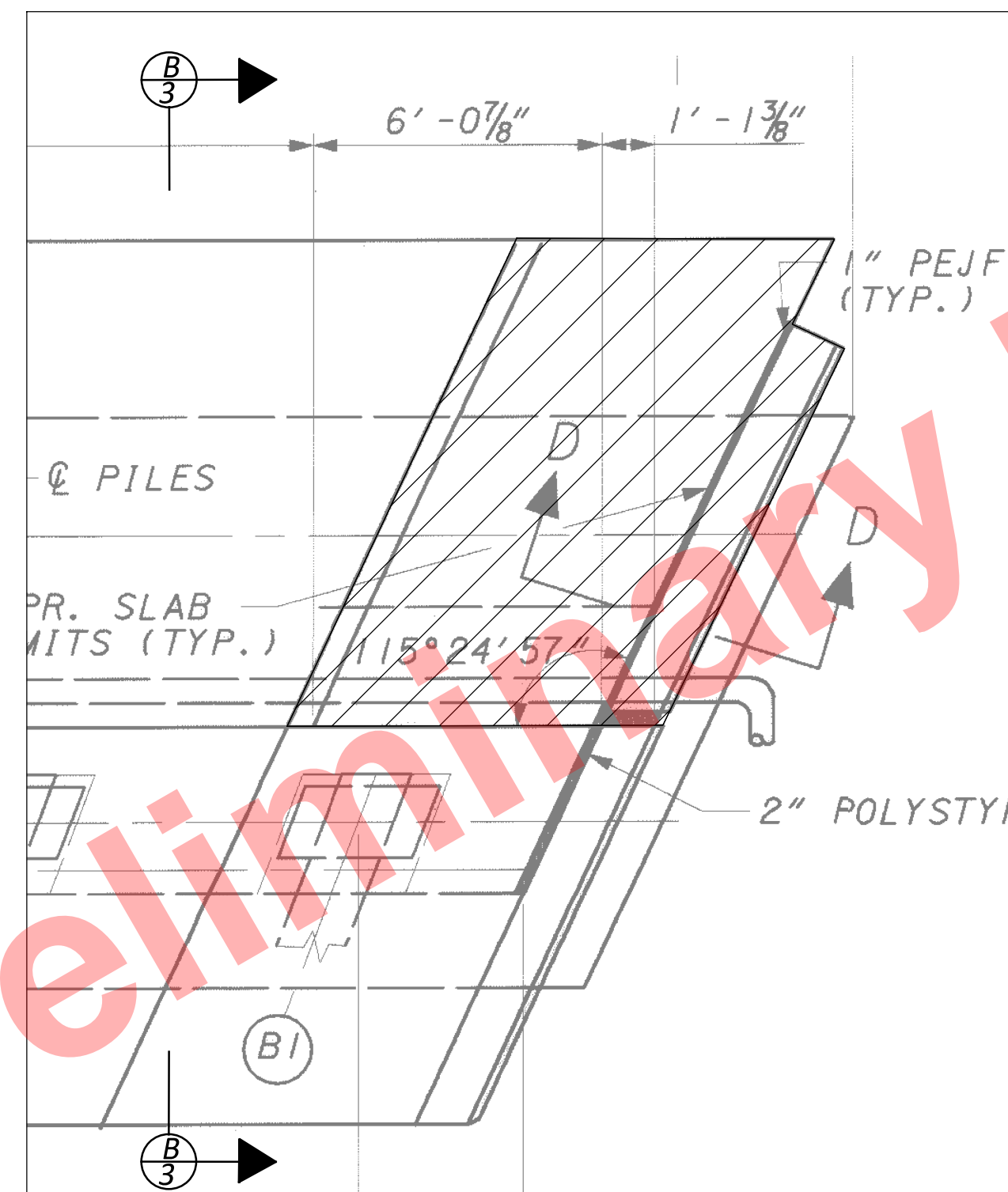
EXISTING WINGWALL ELEVATION  
 (RIGHT REAR ABUTMENT SHOWN, OTHERS SIMILAR)



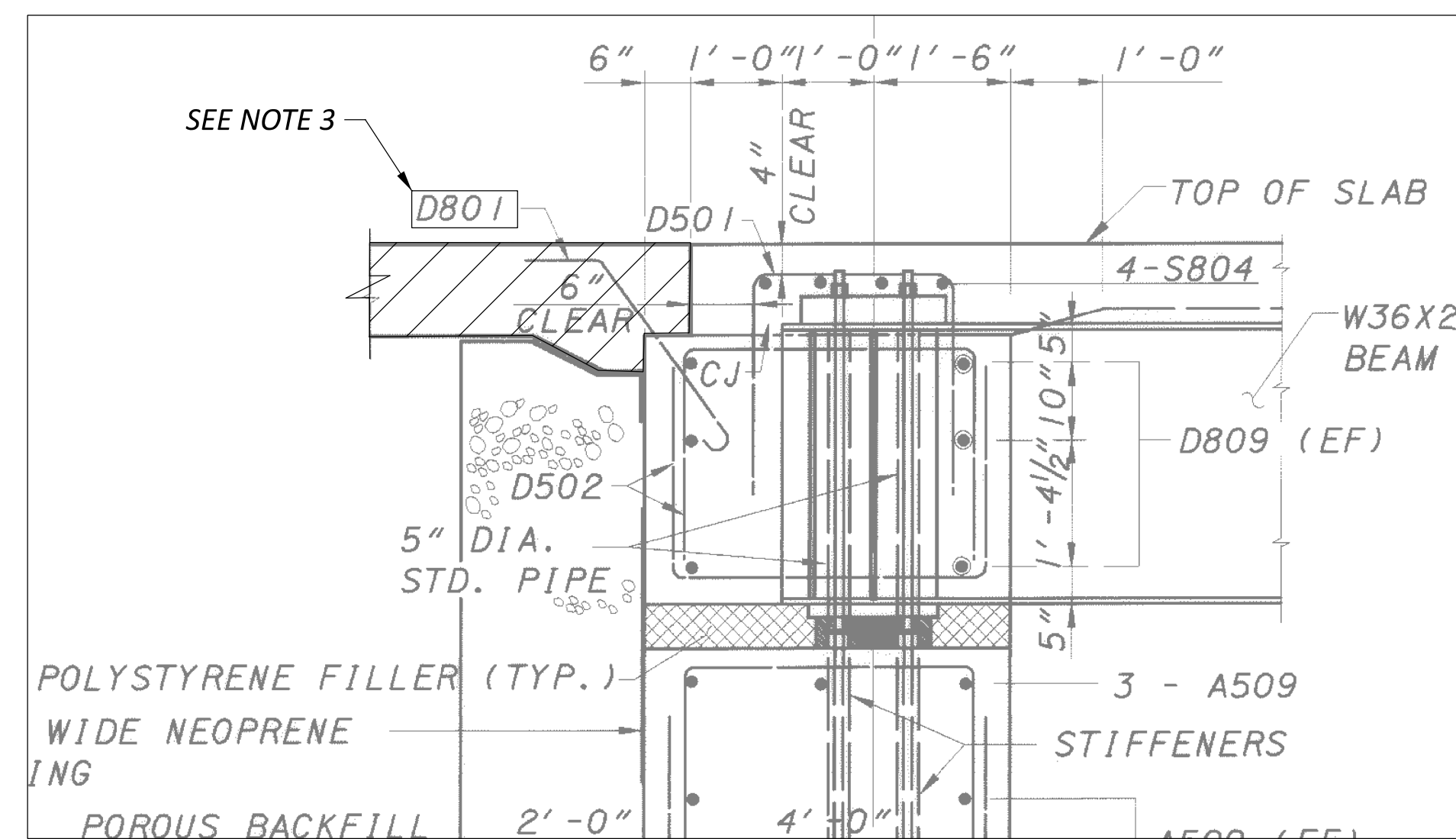
SECTION A-3  
 THROUGH WINGWALL



SECTION A-3  
 THROUGH SIDEWALK AND APPROACH SLAB



EXISTING ABUTMENT PARTIAL PLAN  
 (REAR ABUTMENT SHOWN, FORWARD ABUTMENT SIMILAR)



SECTION B-3

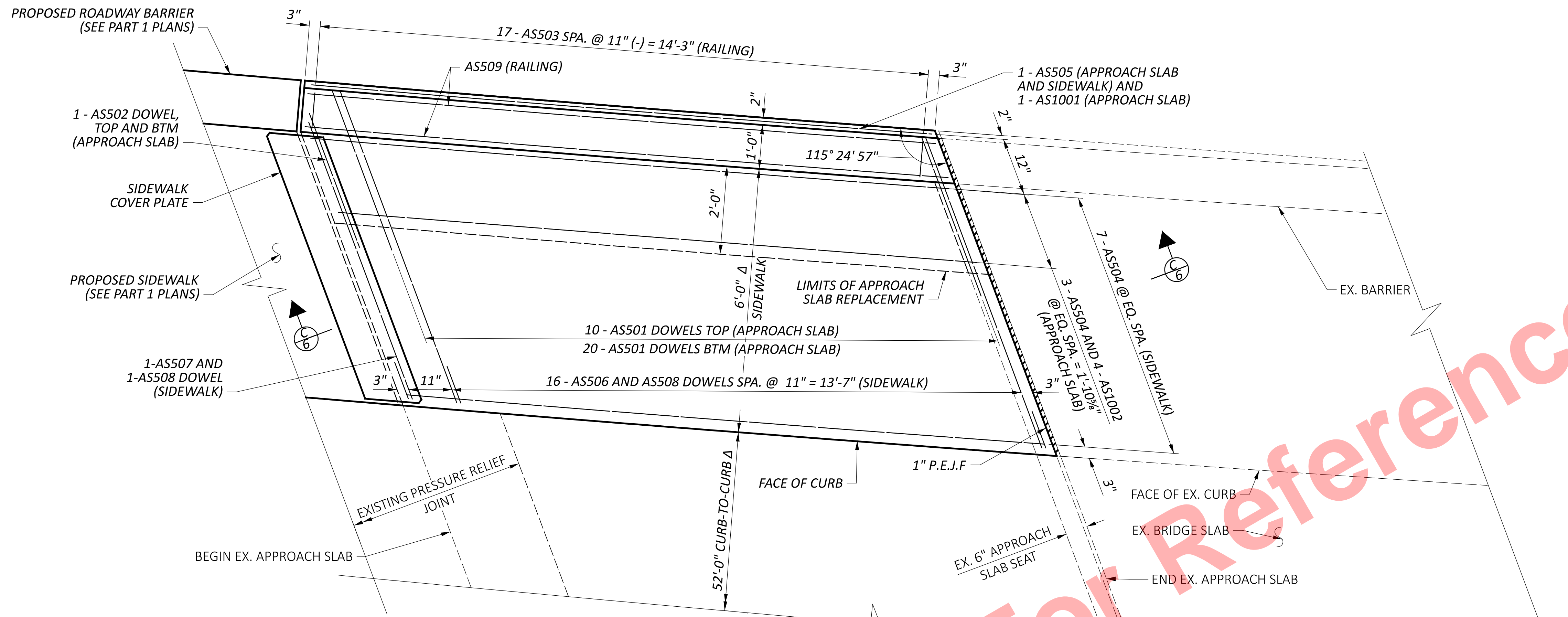
- NOTES:**
1. IMAGES SHOWN ARE TAKEN FROM EXISTING PLANS.
  2. EXISTING REINFORCING EXTENDING FROM THE APPROACH SLAB SHALL BE CUT AT THE REMOVAL LINE.
  3. EXISTING D801 BARS EXTENDING FROM THE END DIAPHRAGMS SHALL BE SALVAGED FOR RE-USE.

**LEGEND**

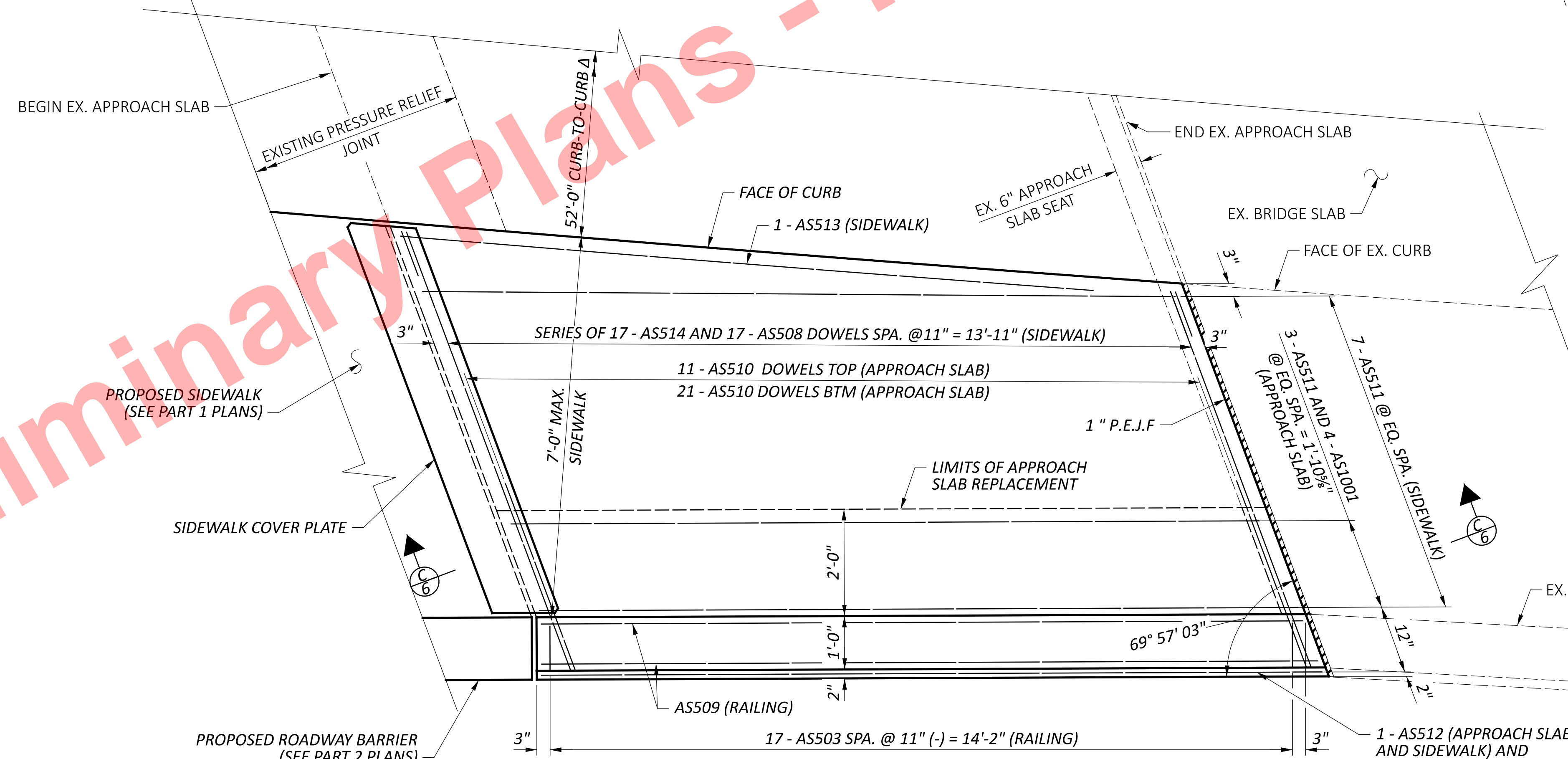
	LIMITS OF REMOVAL
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REMOVAL DETAILS - LOCATION 1  
 BRIDGE NO. CUY-14684-0.350  
 GRANT AVE. OVER I.R. 77

SFN	1806378
DESIGN AGENCY	AECOM
DESIGNER	PN
CHECKER	TMB
REVIEWER	
PROJECT ID	105743
SUBSET	3
TOTAL	7
SHEET	P.6
TOTAL	P.27



LEFT REAR APPROACH SLAB PLAN



RIGHT REAR APPROACH SLAB PLAN

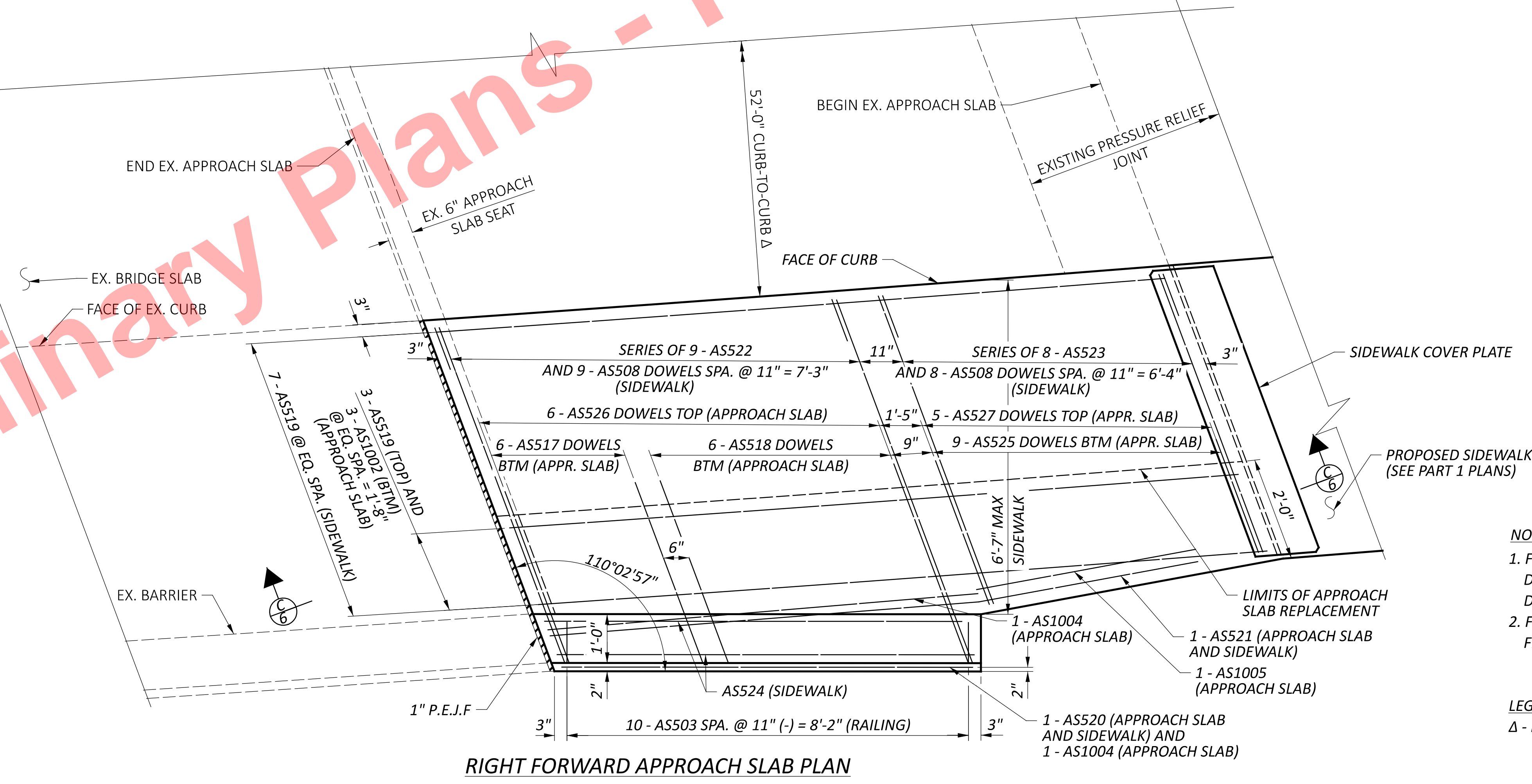
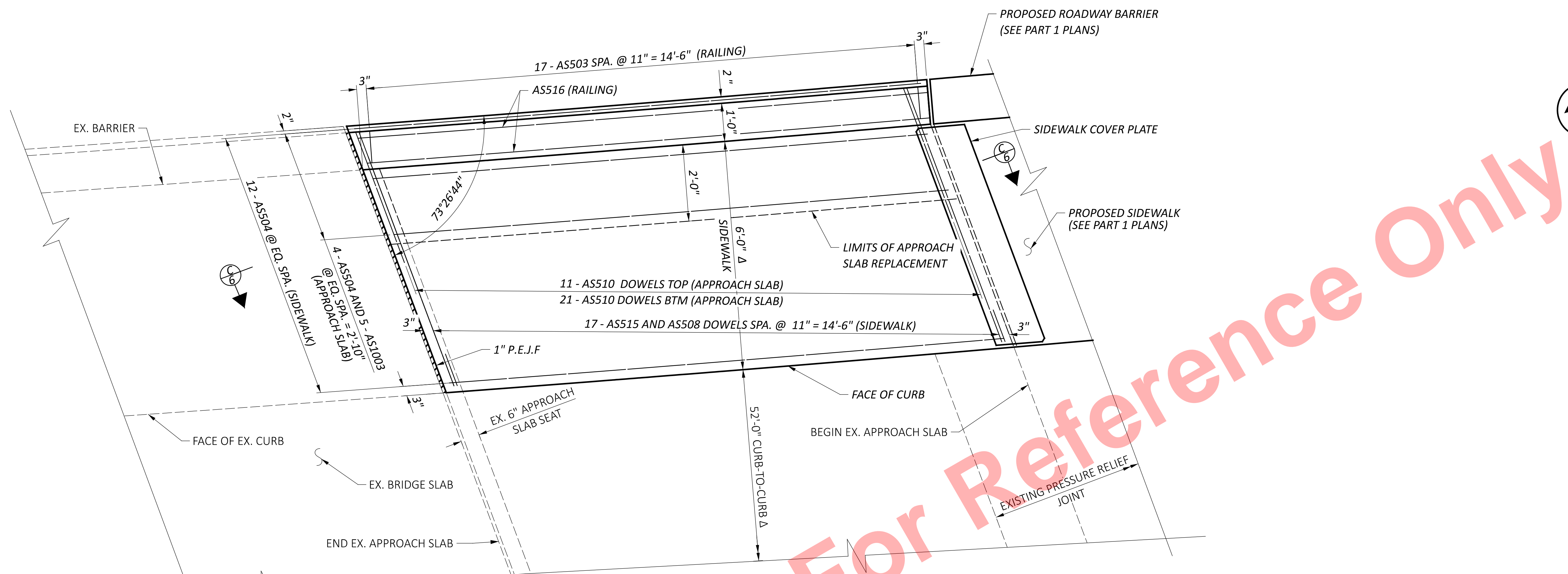
Preliminary Plans - For Reference Only

- NOTES:**
1. FOR ADDITIONAL SIDEWALK COVER PLATE DETAILS AND NOTES, SEE STANDARD DRAWING EXI-6-17.
  2. FOR ADDITIONAL GEOMETRY INFORMATION FROM EXISTING PLANS, SEE SHEET 177.

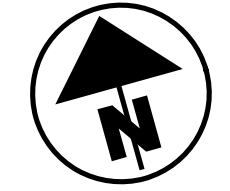
**LEGEND:**  
 Δ - RADIAL DIMENSIONS

APPROACH SLAB DETAILS - LOCATION 1  
 BRIDGE NO. CUY-14684-0.350  
 GRANT AVE. OVER I.R. 77

SFN	
1806378	
DESIGN AGENCY	
564 White Pond Drive Akron, OH 44320 (330) 836-9111 www.aecom.com	
DESIGNER	CHECKER
PN	TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID	
105743	
SUBSET	TOTAL
4	7
SHEET	TOTAL
P.7	P.27



Preliminary Plans - For Reference Only

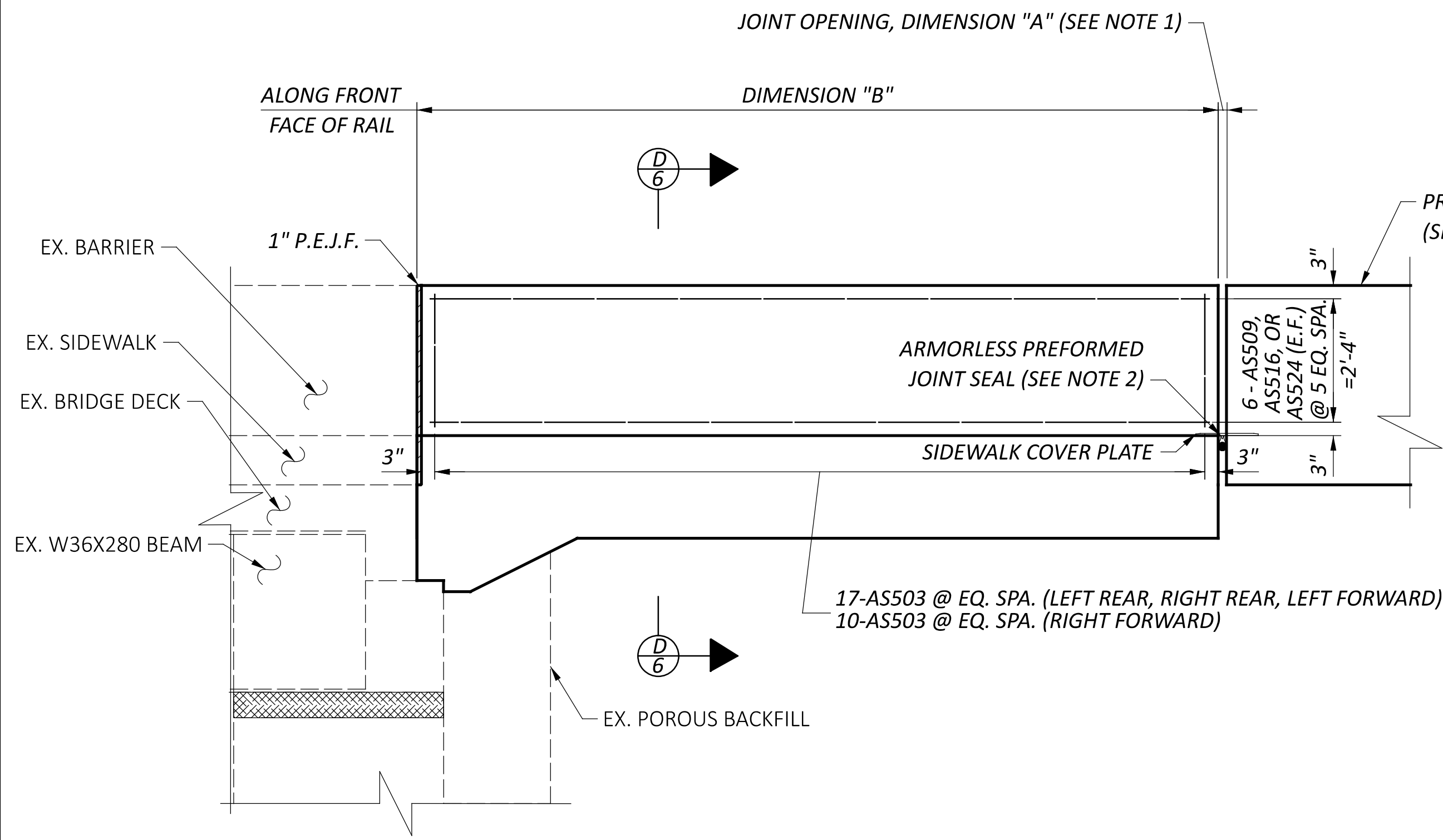


- NOTES:**
- FOR ADDITIONAL SIDEWALK COVER PLATE DETAILS AND NOTES, SEE STANDARD DRAWING EXJ-6-17.
  - FOR ADDITIONAL GEOMETRY INFORMATION FROM EXISTING PLANS, SEE SHEET 17/7.

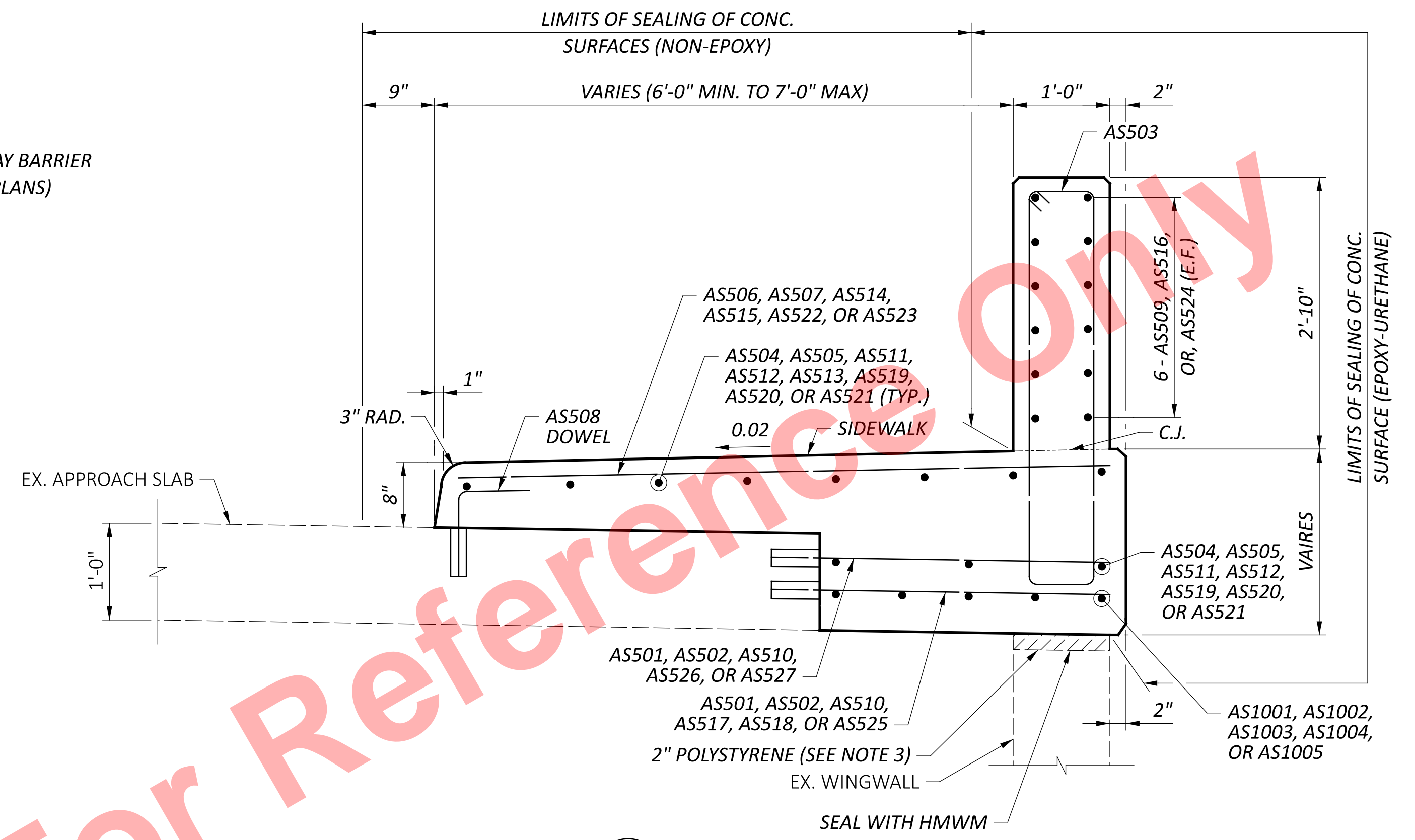
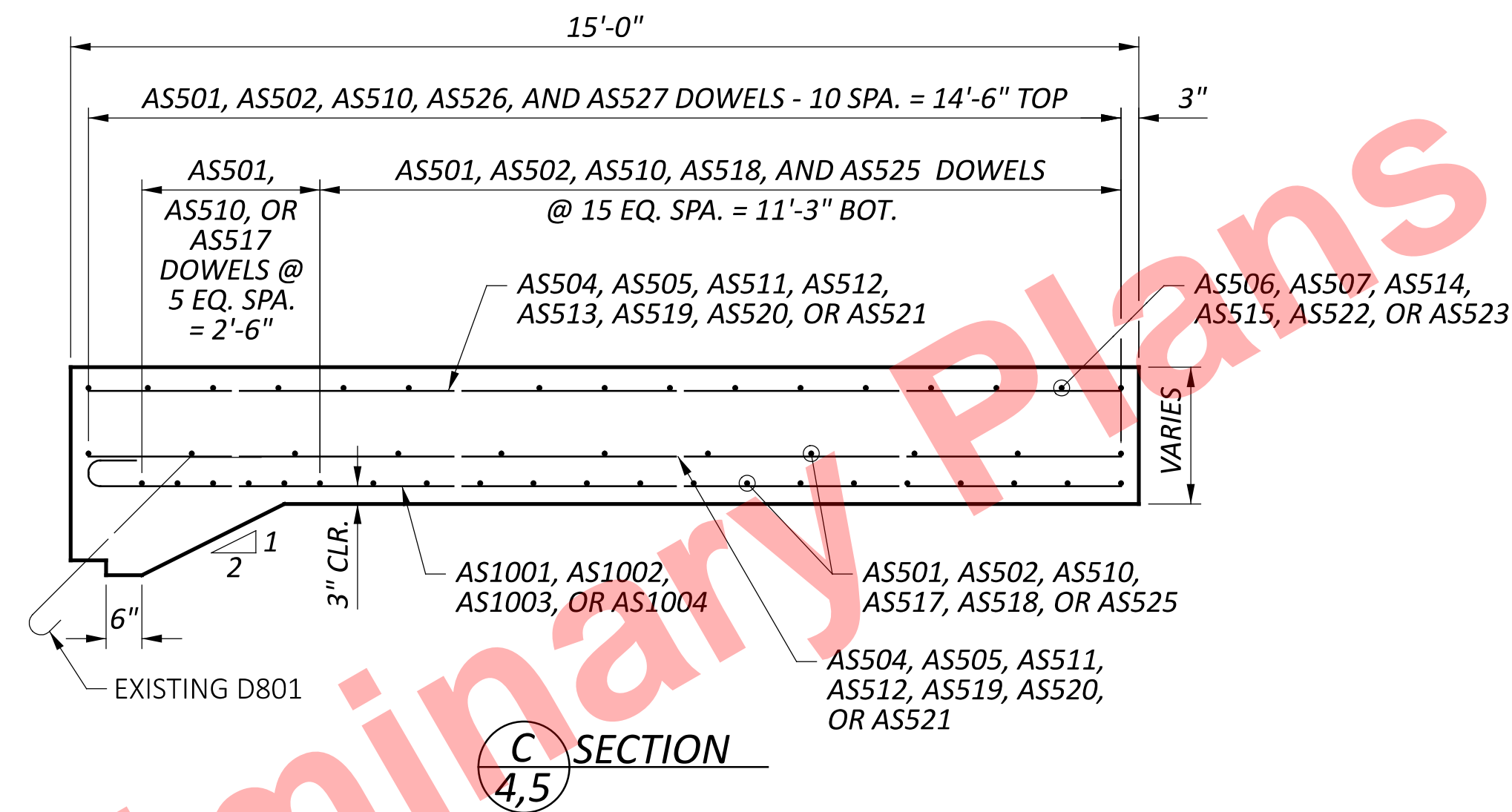
**LEGEND:**  
 Δ - RADIAL DIMENSIONS

APPROACH SLAB DETAILS - LOCATION 1  
 BRIDGE NO. CUY-14684-0.350  
 GRANT AVE. OVER I.R. 77

SFN		1806378
DESIGN AGENCY		<b>AECOM</b>
DESIGNER		PN
CHECKER		TMB
REVIEWER		MRW 05/01/26
PROJECT ID		105743
SUBSET	TOTAL	
5	7	
SHEET	TOTAL	
P.8	P.27	



**TYPICAL APPROACH SLAB BARRIER ELEVATION**  
(EXISTING WINGWALL NOT SHOWN)



**D SECTION**  
6

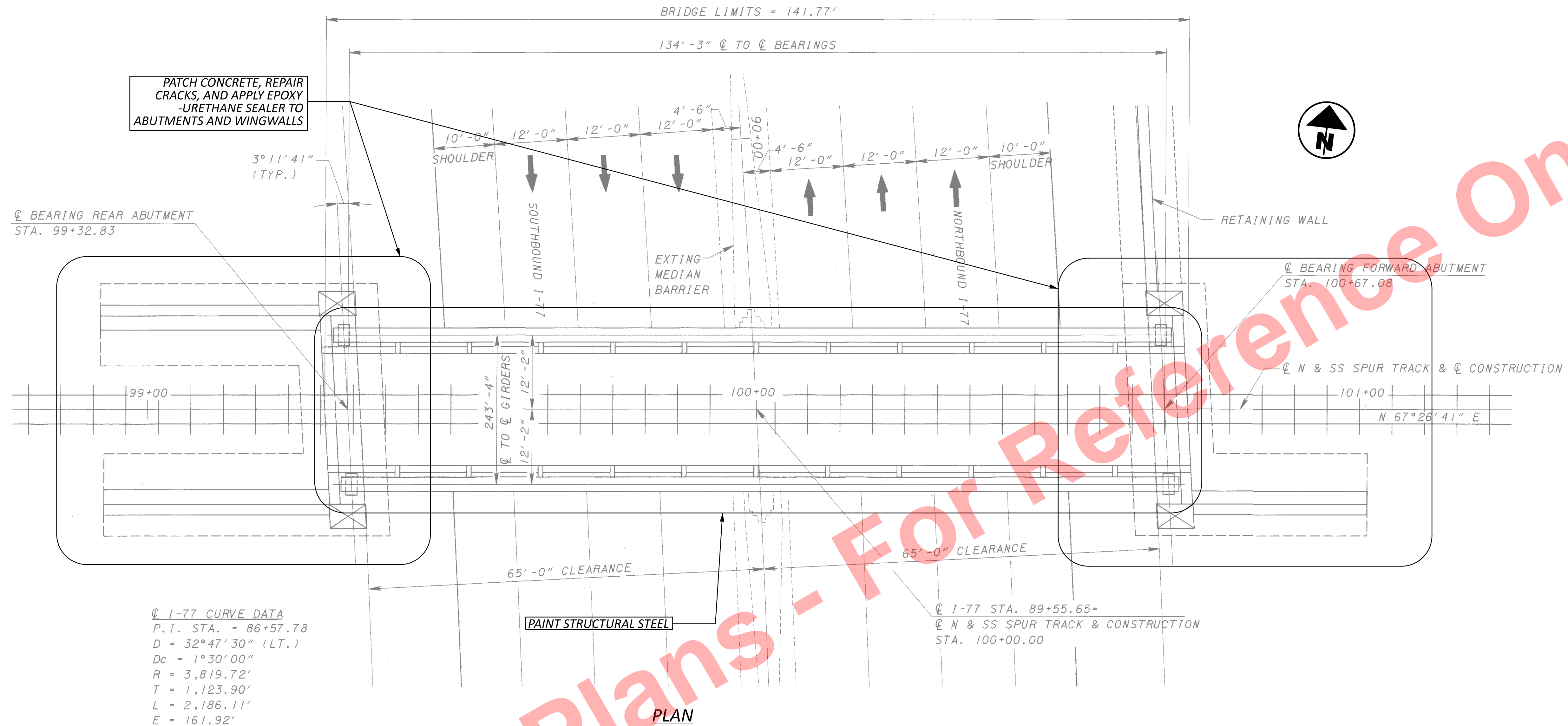
**NOTES:**

1. FOR DIMENSION "A", SEE STANDARD DRAWING AS-2-15, SHEET 714.
2. AT CURB LINE, TURN DOWN ARMORLESS PREFORMED JOINT SEAL TO INTERSECT EXISTING PRESSURE RELIEF JOINT. AT BARRIER LINE, PROVIDE 6" UPTURN. FOR ADDITIONAL ARMORLESS PREFORMED JOINT SEAL NOTES, SEE STANDARD DRAWING AS-2-15.
3. POLYSTYRENE AND HMWM SHALL BE INCLUDED WITH THE SIDEWALK CONCRETE FOR PAYMENT.
4. DOWEL HOLES SHALL BE INSTALLED PER ITEM 510. FILL HOLES WITH NON SHRINK NON METALLIC GROUT. THE EMBEDMENT DEPTH SHALL BE PER MANUFACTURER'S RECOMMENDATION FOR DEVELOPING THE FULL TENSILE STRENGTH OF THE DOWEL INTO 4500 PSI CONCRETE. FOR PLAN PURPOSES, THE EMBEDMENT IS TAKEN AS 6" FOR #5 DOWELS.
5. FOR DIMENSIONS NOT SHOWN, CONSTRUCT TO FIT DIMENSIONS OF EXISTING BRIDGE. DIMENSIONS SHOWN ARE BASED ON THE EXISTING BRIDGE DRAWINGS AND MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER. AT ALL LOCATIONS EXCEPT THE RIGHT FORWARD, THE PROJECT INTENT IS TO EXTEND THE APPROACH SLAB RAILING TO THE END OF THE APPROACH SLAB. AT THE RIGHT FORWARD, THE PROJECT INTENT IS TO MATCH THE END OF THE EXISTING RAILING.

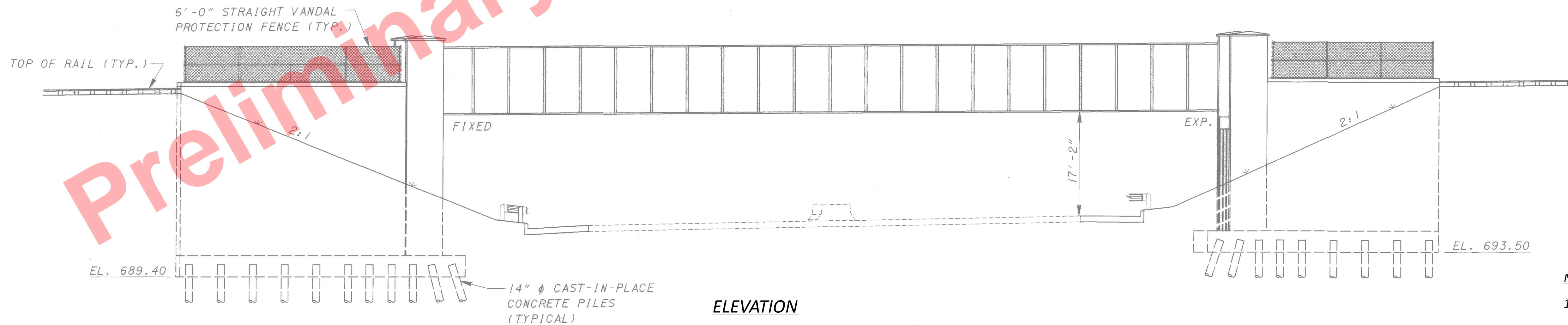
LOCATION	DIMENSION "B" (SEE NOTE 5)
LEFT REAR	15'-0"
RIGHT REAR	14'- 4"
LEFT FORWARD	15'-0"
RIGHT FORWARD	9'-0"

SFN	1806378
DESIGN AGENCY	<b>AECOM</b> 564 White Pond Drive Akron, OH 44320 (330) 836-9111 www.aecom.com
DESIGNER	CHECKER
PN	TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID	
105743	
SUBSET	TOTAL
6	7
SHEET	TOTAL
P.9	P.27





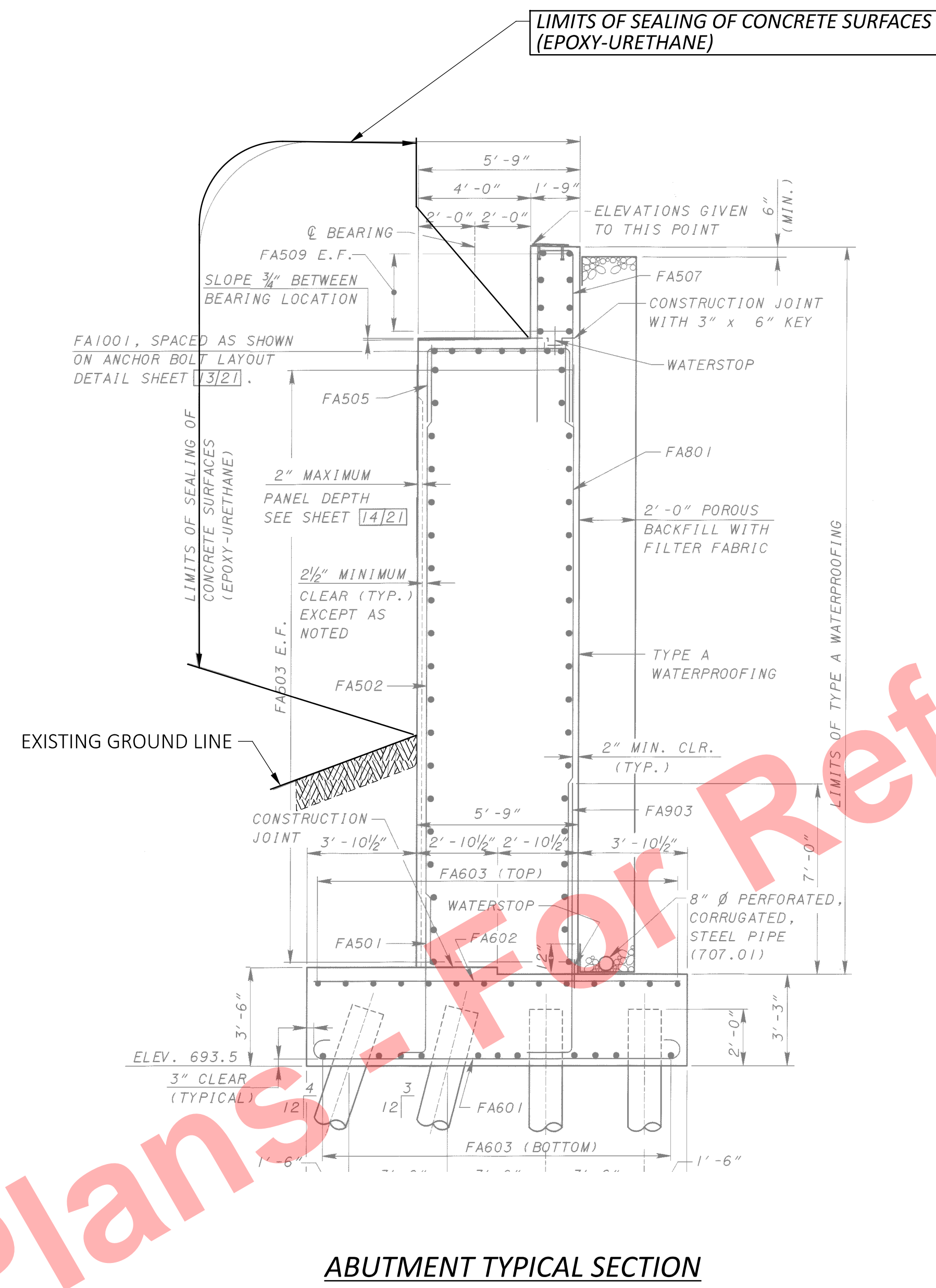
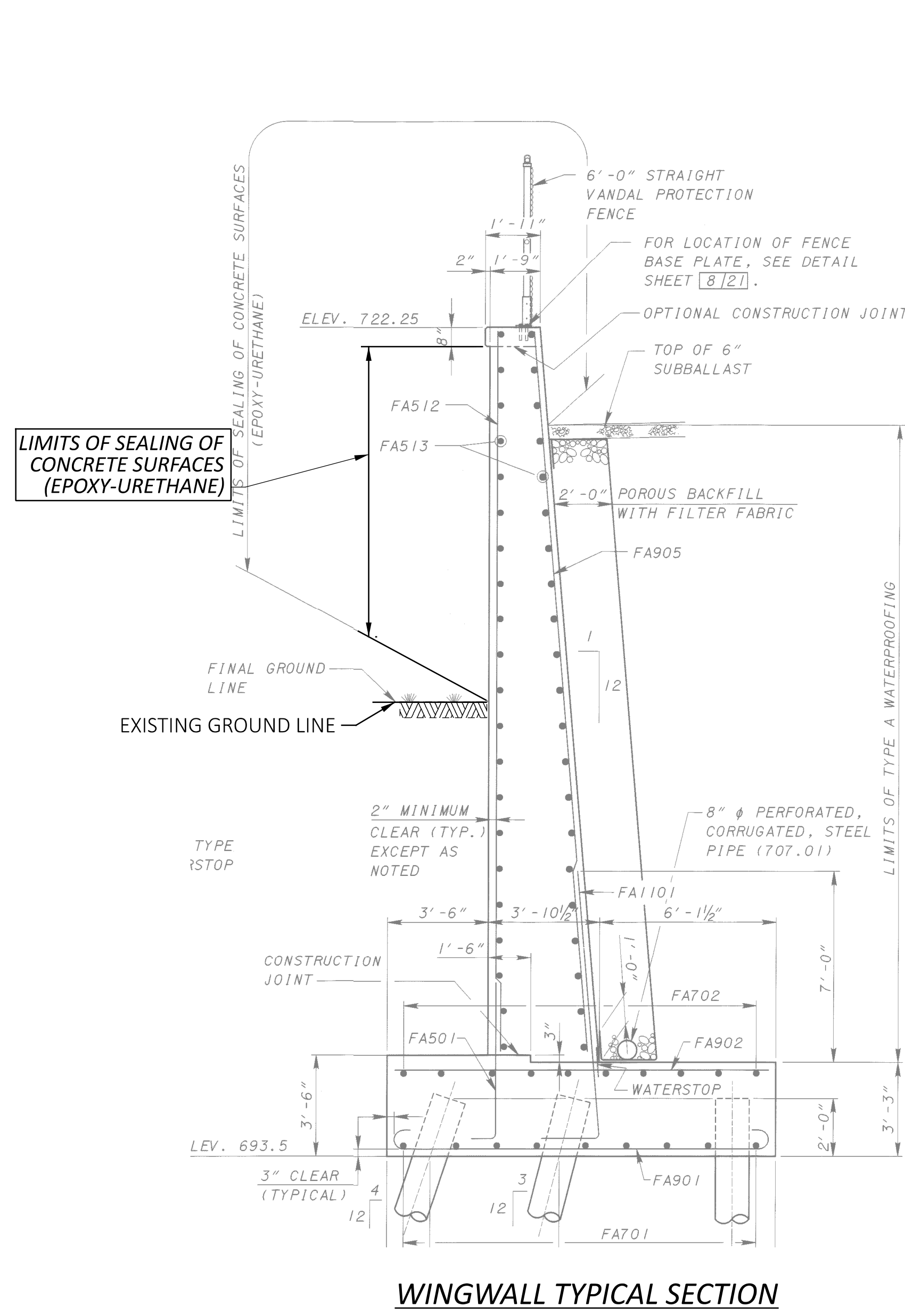
**C I-77 CURVE DATA**  
 P.I. STA. = 86+57.78  
 D = 32° 47' 30" (LT.)  
 Dc = 1° 30' 00"  
 R = 3,819.72'  
 T = 1,123.90'  
 L = 2,186.11'  
 E = 161.92'



- NOTES:**
1. PAINT STEEL PER CM&S 514 USING OZEU. PAINT COLOR SHALL BE FEDERAL COLOR NO. 595B-16440, GREY (GLOSS).
  2. IMAGES SHOWN ARE TAKEN FROM EXISTING PLANS.

GENERAL PLAN - LOCATION 2  
 BRIDGE NO. CUY-00077-11.690  
 OMNITRAX OVER I.R. 77

SFN 1806408	
DESIGN AGENCY <b>AECOM</b> 564 White Pond Drive Akron, OH 44320 (330) 836-9111 www.aecom.com	
DESIGNER PN	CHECKER TMB
REVIEWER MRW 05/01/26	
PROJECT ID 105743	
SUBSET 1	TOTAL 3
SHEET P.11	TOTAL P.27



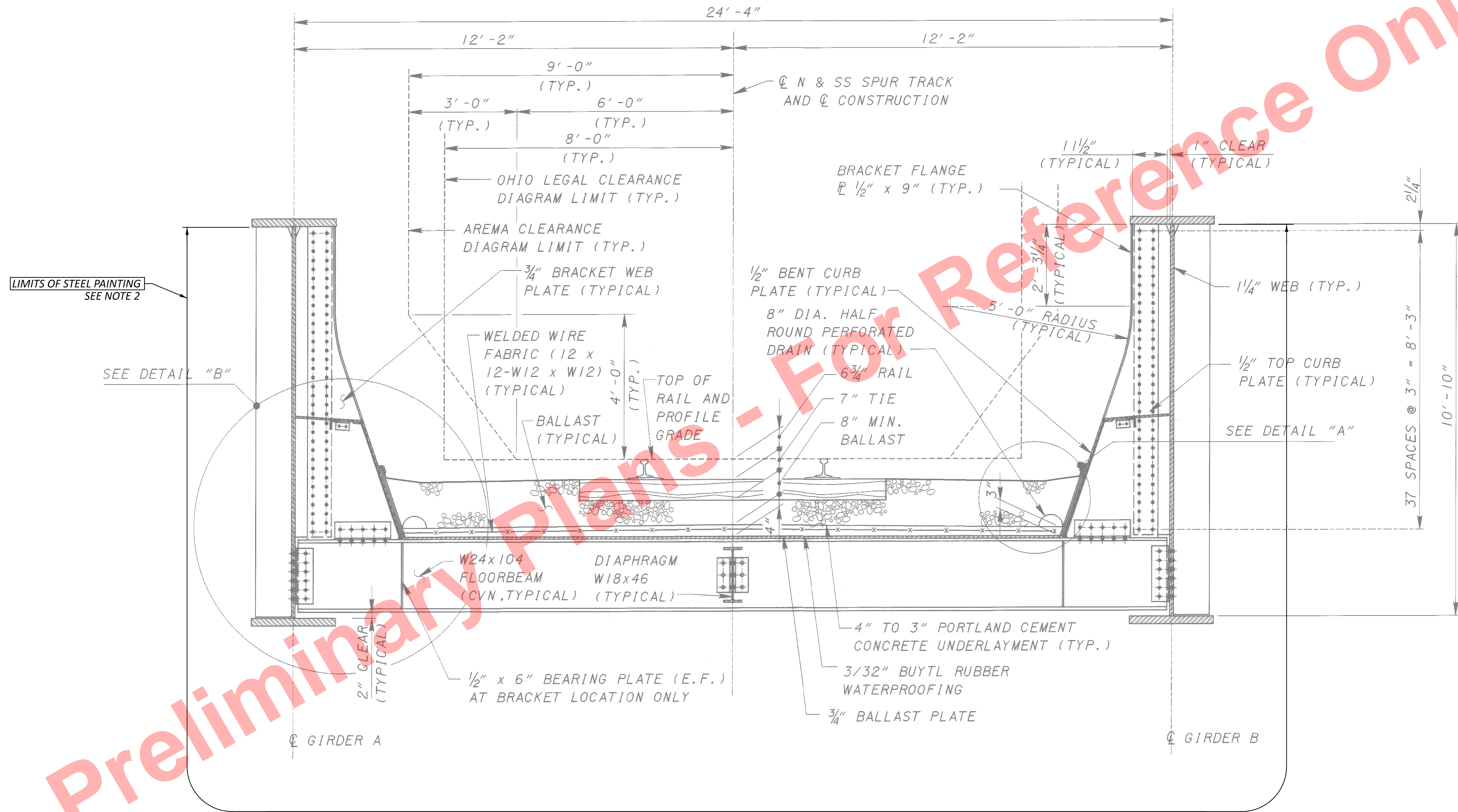
**NOTES:**  
 1. IMAGE SHOWN IS A TYPICAL SECTION AND DOESNT REPRESENT THE EXACT DIMENSIONS.

ESTIMATED QUANTITIES						CALCULATED BY: PN
						CHECKED BY: JDM
ITEM ODOT	EXT.	PARTICIPATION 03/IMS	TOTAL	UNIT	DESCRIPTION	REF. SHEET
100	00300	LS	LS		PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE	P.3
201	11001	LS	LS		CLEARING AND GRUBBING, AS PER PLAN	P.3
512	10101	420	420	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	P.3
512	10601	100	100	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN	P.3
512	74001	420	420	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN	P.3
514	00050	14,513	14,513	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
514	00056	14,513	14,513	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	
514	00060	14,513	14,513	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	
514	00066	14,513	14,513	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	
514	00504	22	22	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
514	10000	6	6	EACH	FINAL INSPECTION REPAIR	
519	11101	10	10	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	P.3

SEALING DETAILS AND ESTIMATED QUANTITIES - LOCATION 2  
 BRIDGE NO. CUY-00077-11.690  
 OMNITRAX OVER I.R. 77

SFN  
 1806408  
 DESIGN AGENCY  
**AECOM**  
 564 White Pond Drive  
 Akron, OH 44320  
 (330) 836-9111  
 www.aecom.com

DESIGNER: PN  
 CHECKER: TMB  
 REVIEWER: MRW 05/01/26  
 PROJECT ID: 105743  
 SUBSET: 2 TOTAL: 3  
 SHEET: P.12 TOTAL: P.27



TRANSVERSE SECTION

NOTES:

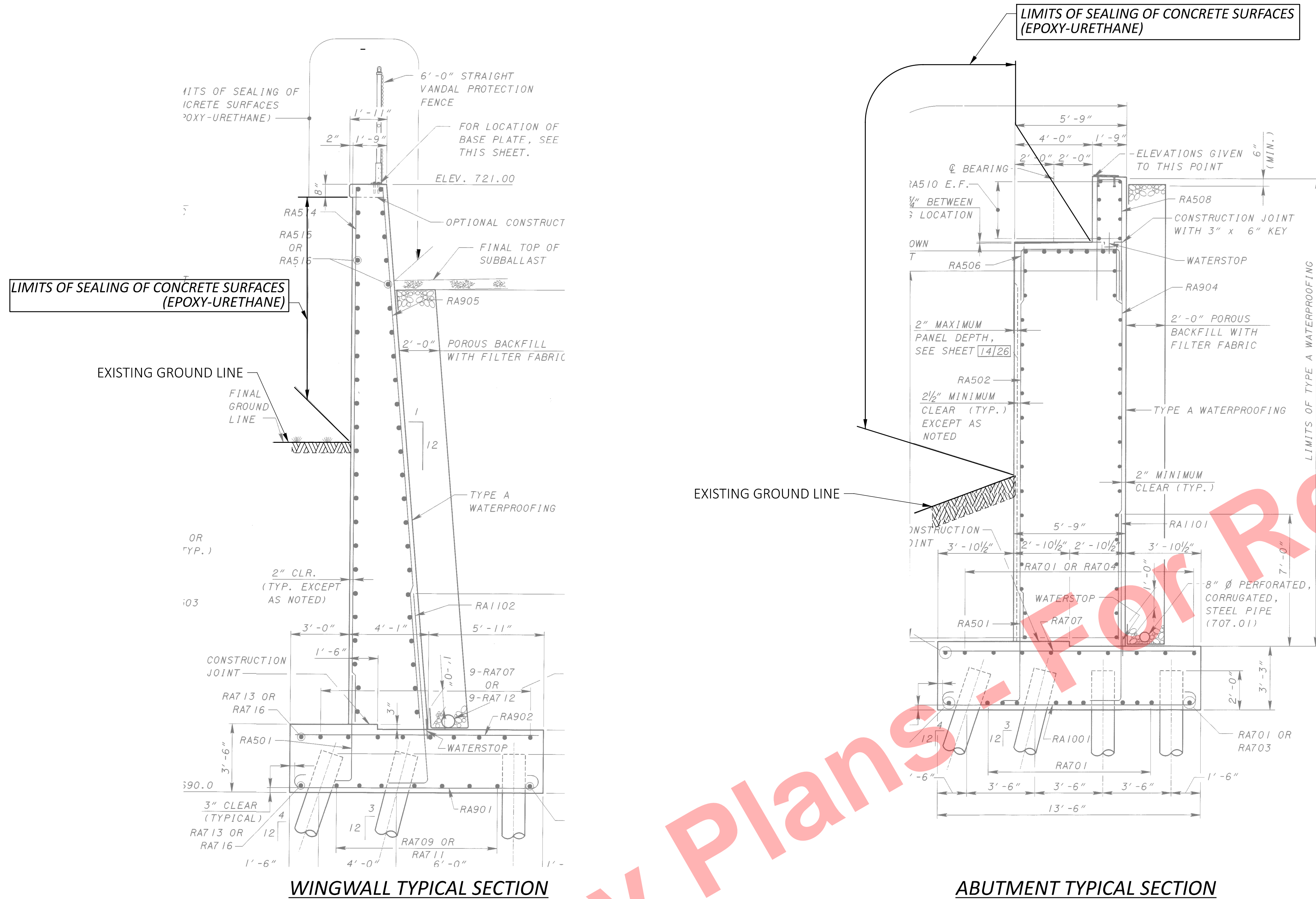
1. IMAGES SHOWN ARE TAKEN FROM EXISTING PLANS.
2. LIMITS OF STEEL PAINTING SHALL TERMINATE AT THE BOTTOM OF THE FILLET WELD AT THE TOP FLANGE-WEB CONNECTION.

TRANSVERSE SECTION - LOCATION 2  
 BRIDGE NO. CUY-00077-11.690  
 OMNITRAX OVER I.R. 77

SFN  
 1806408  
 DESIGN AGENCY  
**AECOM**  
 564 White Pond Drive  
 Akron, OH 44320  
 (330) 836-9111  
 www.aecom.com

DESIGNER	CHECKER
PN	TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID	
105743	
SUBSET	TOTAL
3	3
SHEET	TOTAL
P.13	P.27



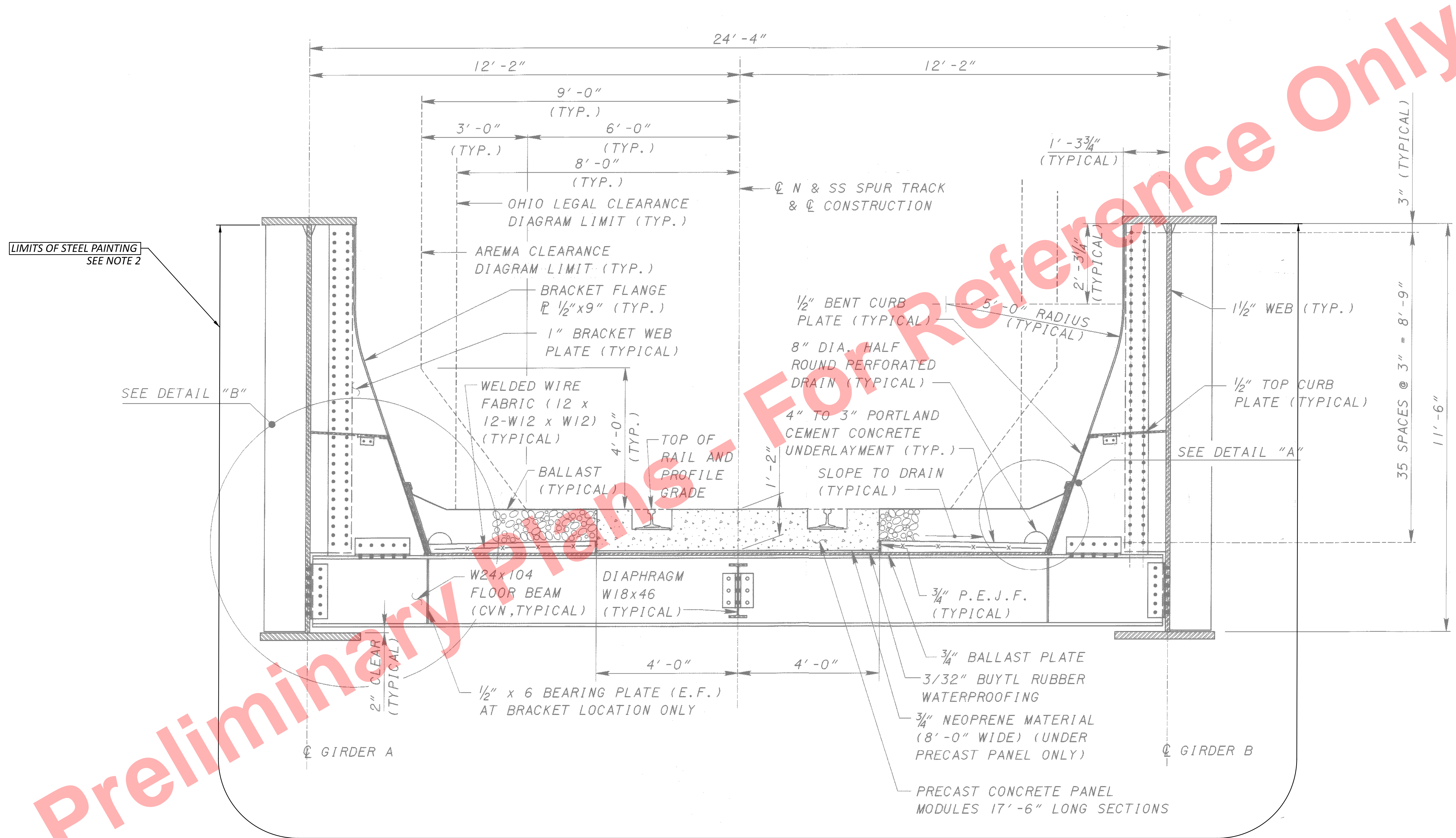


WINGWALL TYPICAL SECTION

ABUTMENT TYPICAL SECTION

NOTES:  
1. IMAGE SHOWN IS A TYPICAL SECTION AND DOESN'T REPRESENT THE EXACT DIMENSIONS.

ESTIMATED QUANTITIES						CALCULATED BY: PN
						CHECKED BY: JDM
ITEM ODOT	EXT.	PARTICIPATION 03/IMS	TOTAL	UNIT	DESCRIPTION	REF. SHEET
201	11001	LS	LS		CLEARING AND GRUBBING, AS PER PLAN	P.3
512	10101	404	404	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	P.3
512	10601	110	110	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN	P.3
512	74001	404	404	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN	P.3
514	00050	16,207	16,207	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
514	00056	16,207	16,207	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	
514	00060	16,207	16,207	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	
514	00066	16,207	16,207	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	
514	00504	23	23	MNHR	GRINDING FINNS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
514	10000	6	6	EACH	FINAL INSPECTION REPAIR	
519	11101	30	30	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	P.3



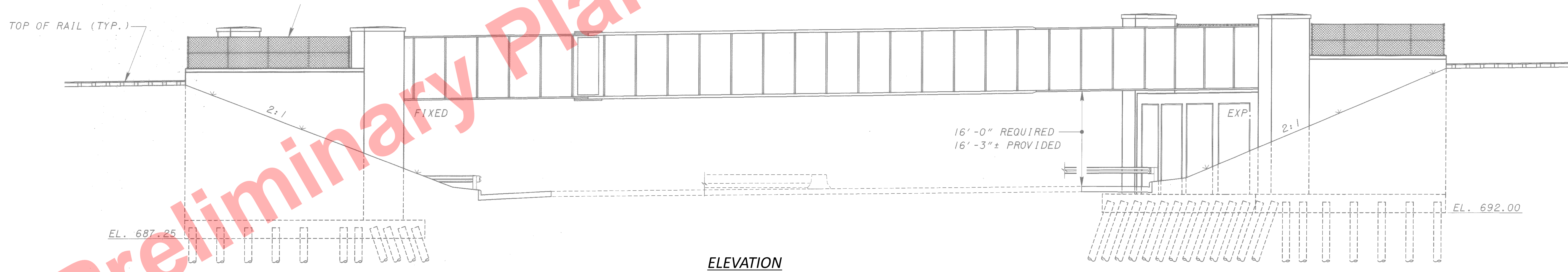
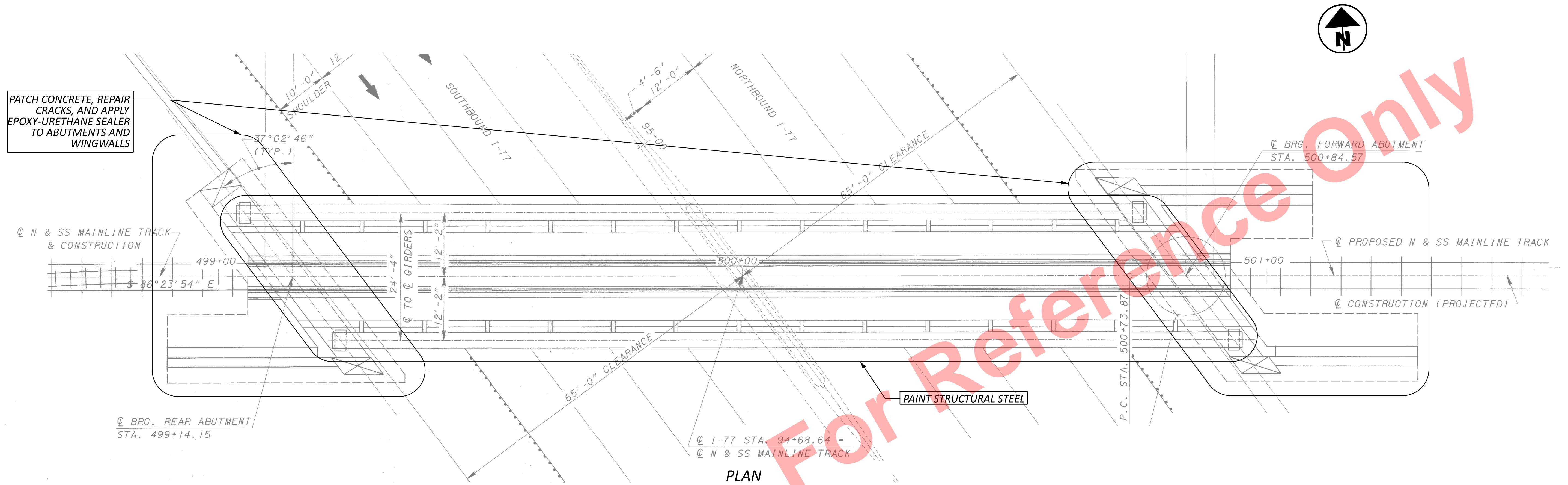
TRANSVERSE SECTION

- NOTES:**
- IMAGES SHOWN ARE TAKEN FROM EXISTING PLANS.
  - LIMITS OF STEEL PAINTING SHALL TERMINATE AT THE BOTTOM OF THE FILLET WELD AT THE TOP FLANGE-WEB CONNECTION.

TRANSVERSE SECTION - LOCATION 3  
 BRIDGE NO. CUY-00077-11.710  
 OMNITRAX OVER I.R. 77

SFN 1806440  
 DESIGN AGENCY  
**AECOM**  
 564 White Pond Drive  
 Akron, OH 44320  
 (330) 836-9111  
 www.aecom.com

DESIGNER	CHECKER
PN	TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID	
105743	
SUBSET	TOTAL
3	3
SHEET	TOTAL
P.16	P.27



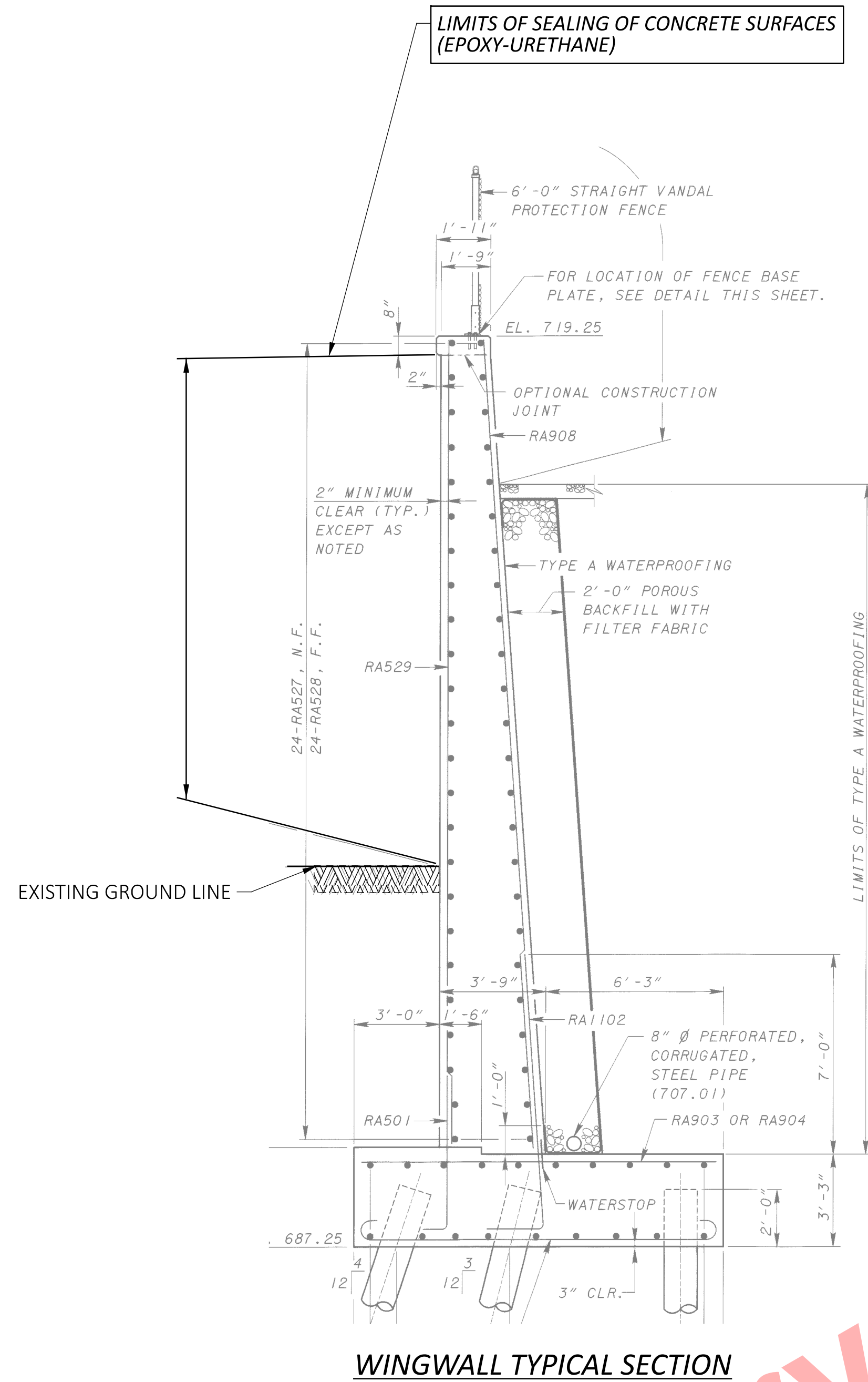
NOTES:

1. PAINT STEEL PER CM&S 514 USING OZEU. PAINT COLOR SHALL BE FEDERAL COLOR NO. 595B-16440, GREY (GLOSS).
2. IMAGES SHOWN ARE TAKEN FROM EXISTING PLANS.

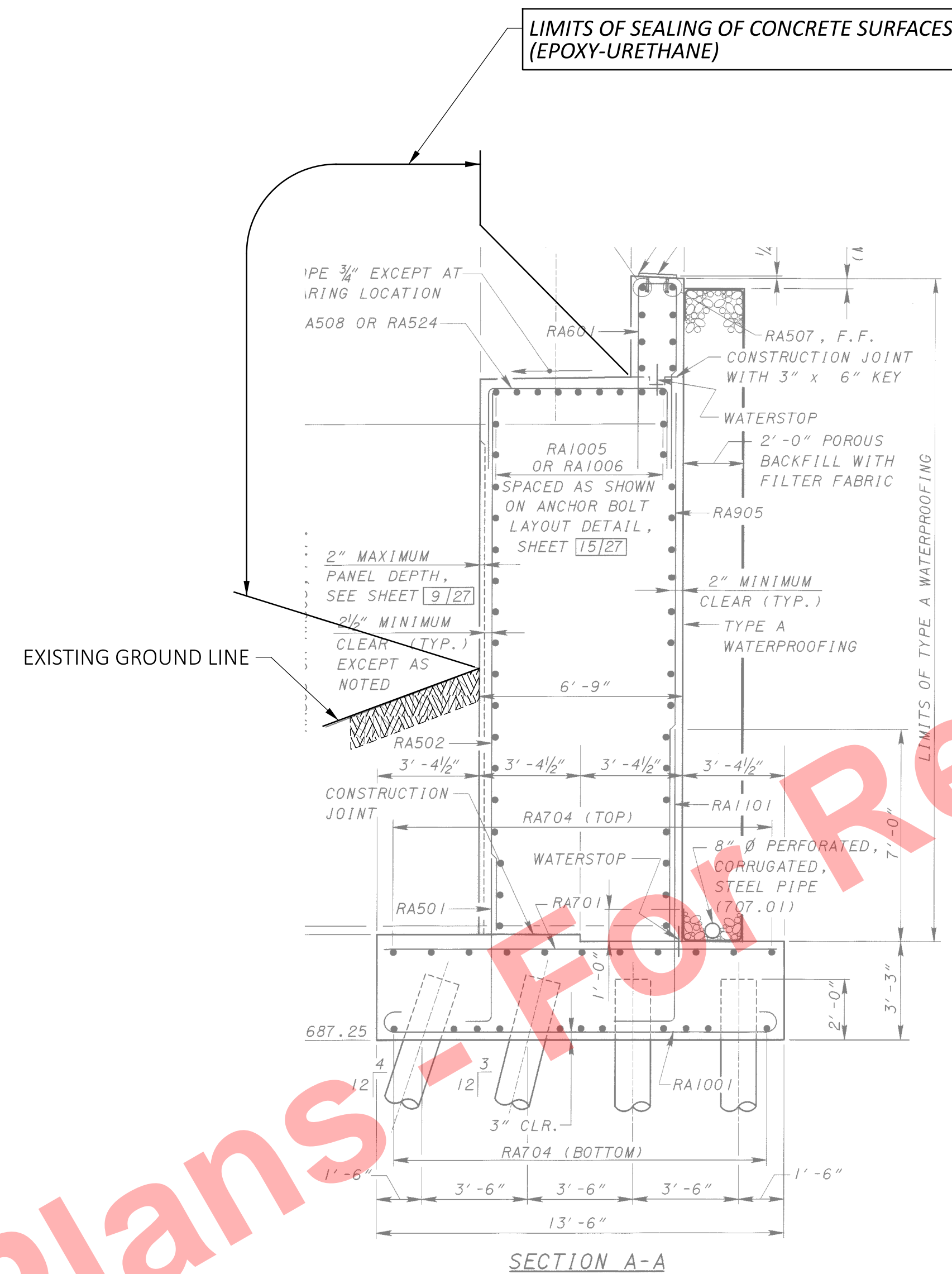
GENERAL PLAN - LOCATION 4  
BRIDGE NO. CUY-00077-11.780  
OMNITRAX OVER I.R. 77

SFN  
1806491  
DESIGN AGENCY  
**AECOM**  
564 White Pond Drive  
Akron, OH 44320  
(330) 836-9111  
www.aecom.com

DESIGNER PN	CHECKER TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID 105743	
SUBSET 1	TOTAL 3
SHEET P.17	TOTAL P.27



WINGWALL TYPICAL SECTION

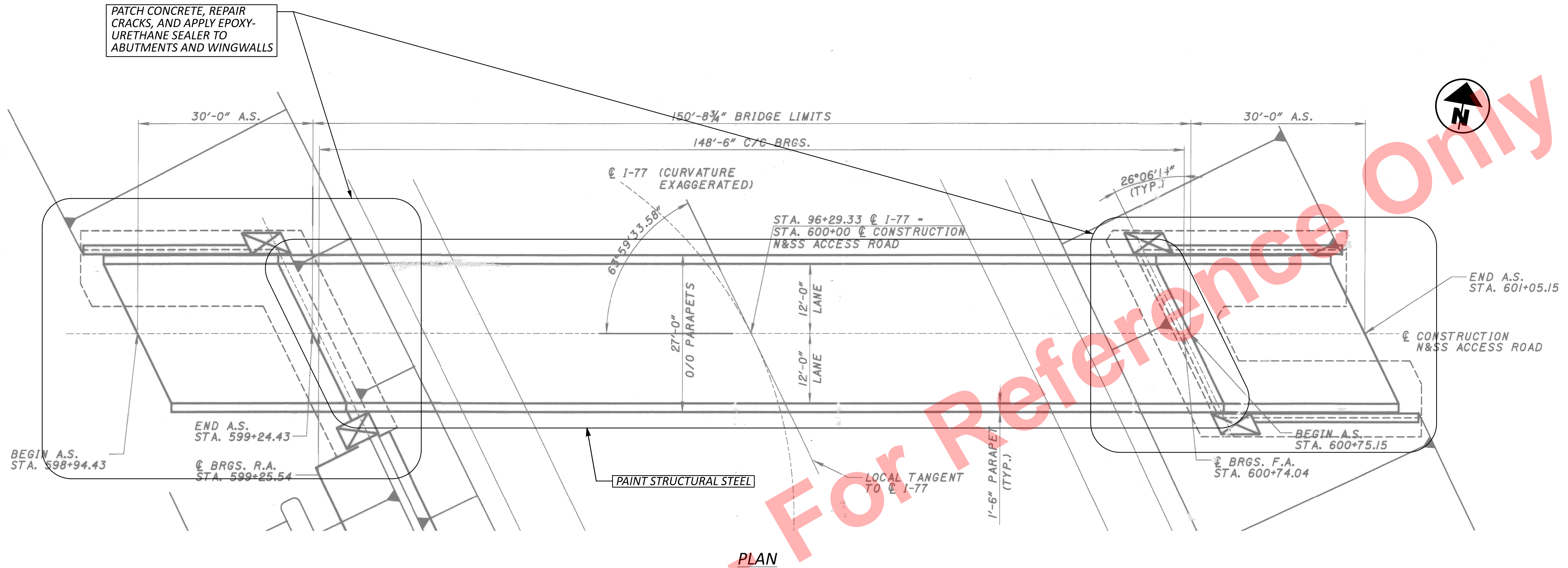


ABUTMENT TYPICAL SECTION

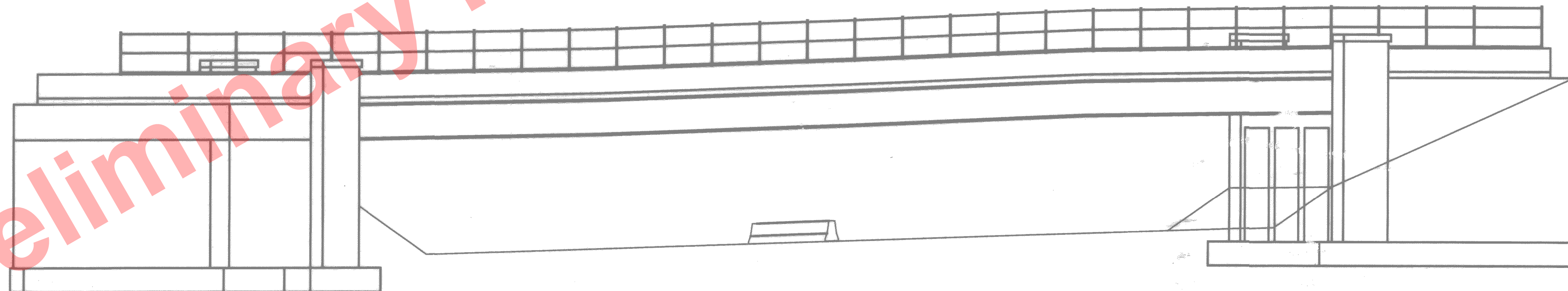
NOTES:  
 1. IMAGE SHOWN IS A TYPICAL SECTION AND DOESNT REPRESENT THE EXACT DIMENSIONS.

ESTIMATED QUANTITIES						CALCULATED BY: PN
						CHECKED BY: JDM
ITEM ODOT	EXT.	PARTICIPATION 03/IMS	TOTAL	UNIT	DESCRIPTION	REF. SHEET
201	11001	LS	LS		CLEARING AND GRUBBING, AS PER PLAN	P.3
512	10101	489	489	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	P.3
512	10601	110	110	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN	P.3
512	74001	489	489	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN	P.3
514	00050	19,969	19,969	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
514	00056	19,969	19,969	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	
514	00060	19,969	19,969	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	
514	00066	19,969	19,969	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	
514	00504	28	28	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
514	10000	8	8	EACH	FINAL INSPECTION REPAIR	
519	11101	25	25	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	P.3





PLAN



ELEVATION

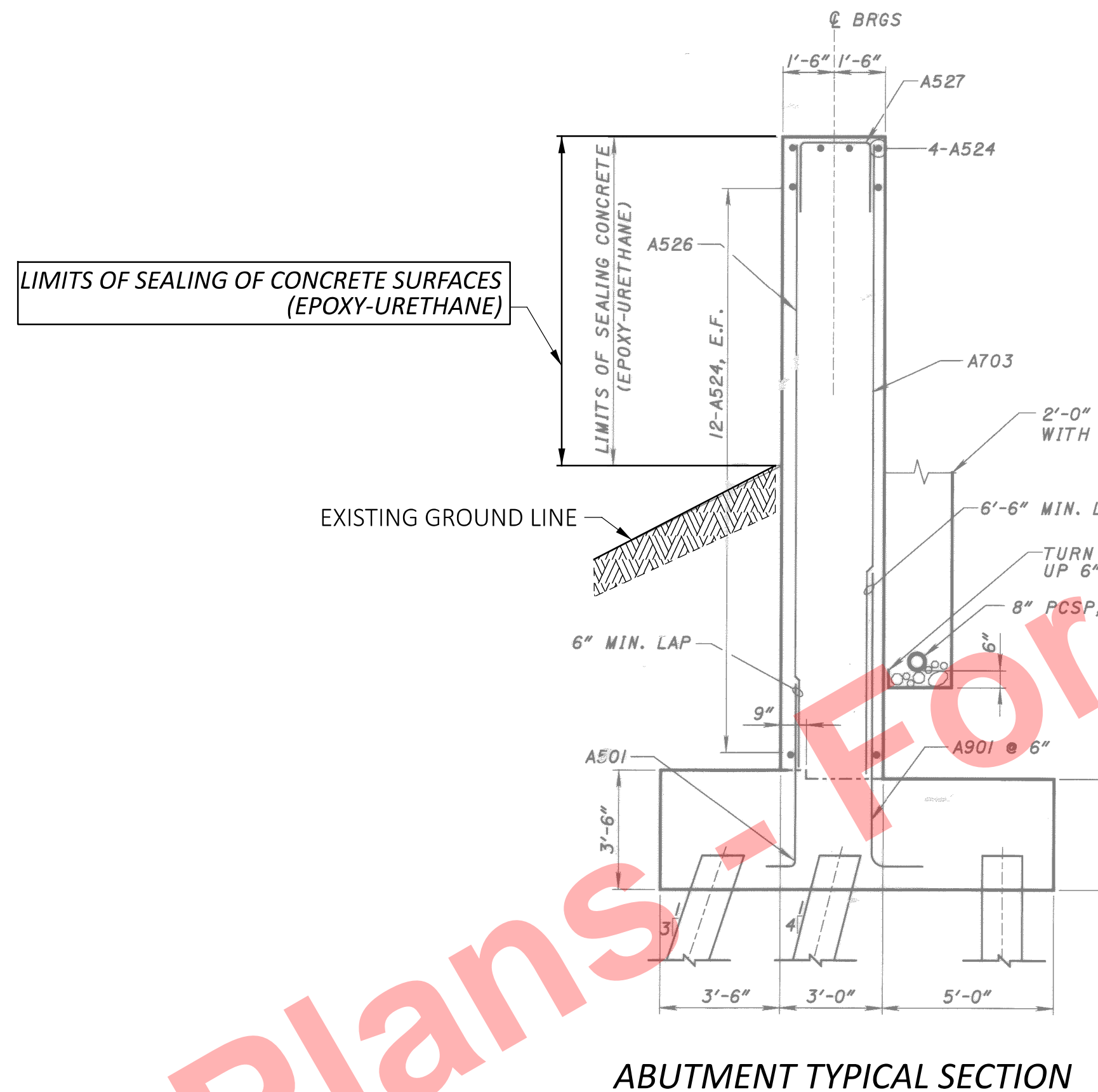
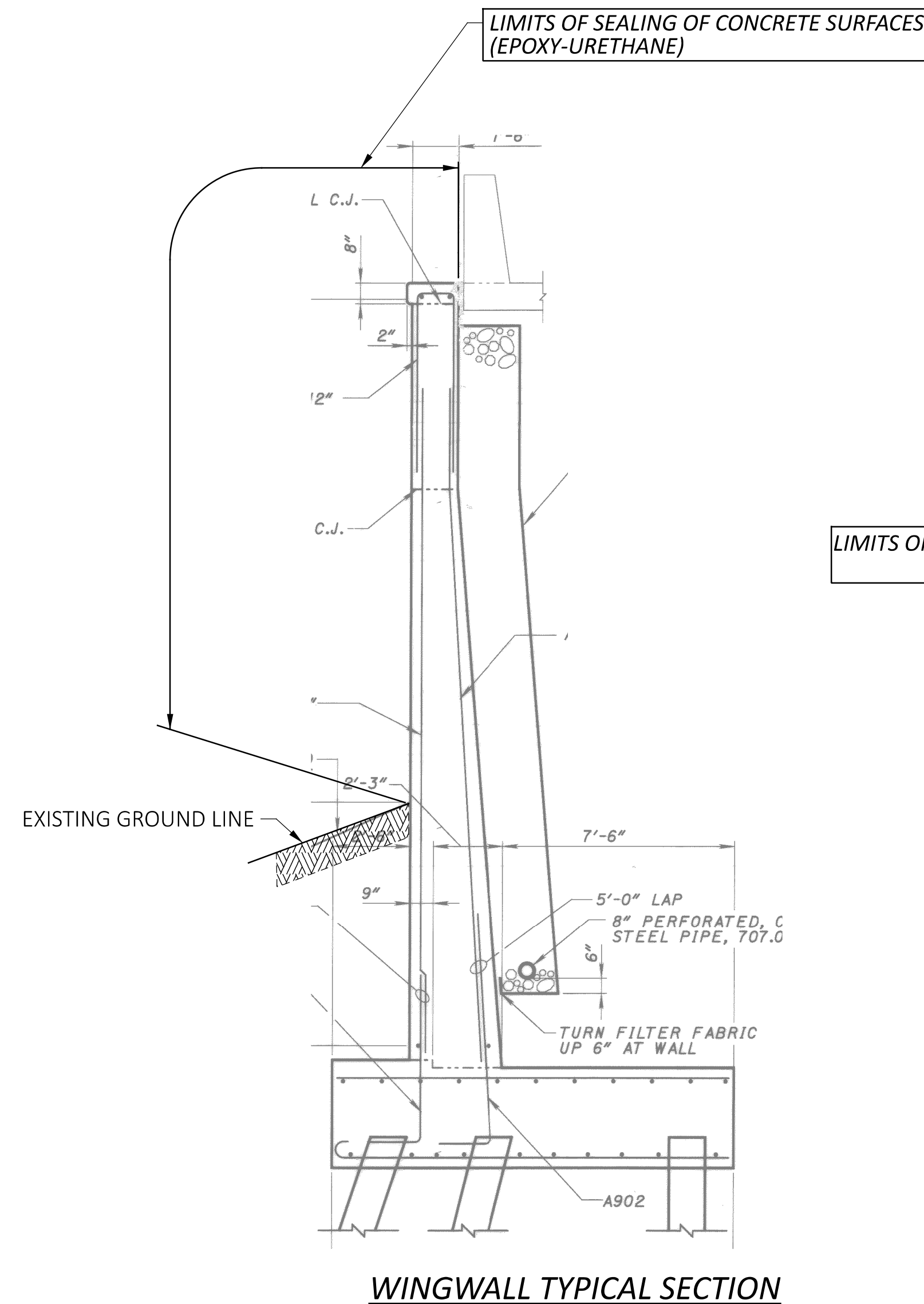
NOTES:

1. PAINT STEEL PER CM&S 514 USING OZEU. PAINT COLOR SHALL BE FEDERAL COLOR NO. 595B-16440, GREY (GLOSS).
2. IMAGES SHOWN ARE TAKEN FROM EXISTING PLANS.

GENERAL PLAN - LOCATION 5  
 BRIDGE NO. CUY-00077-11.803  
 ACCESS ROAD OVER I.R. 77

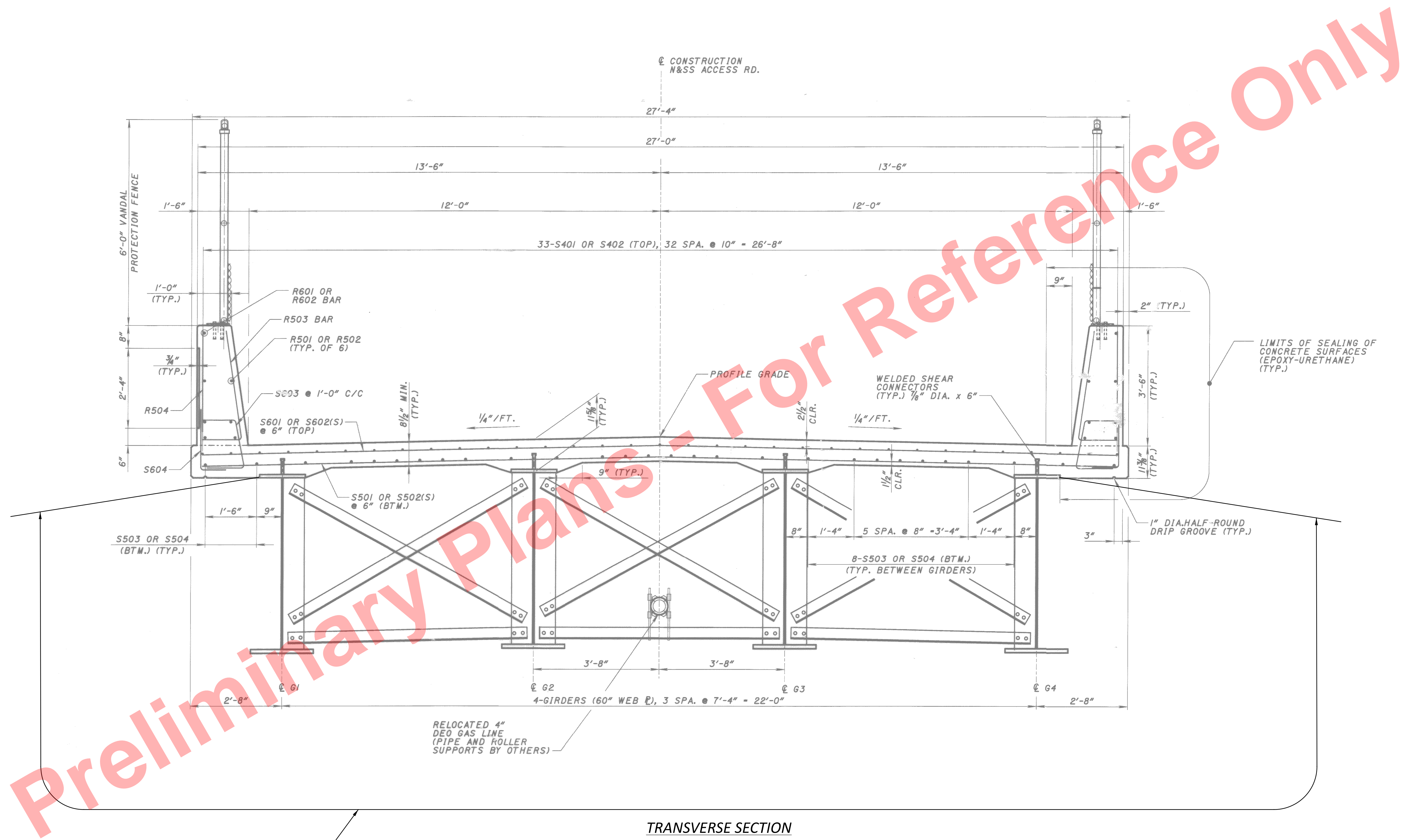
SFN  
 1806432  
 DESIGN AGENCY  
**AECOM**  
 564 White Pond Drive  
 Akron, OH 44320  
 (330) 836-9111  
 www.aecom.com

DESIGNER	CHECKER
PN	TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID	
105743	
SUBSET	TOTAL
1	3
SHEET	TOTAL
P.20	P.27



**NOTES:**  
 1. IMAGE SHOWN IS A TYPICAL SECTION AND DOESNT REPRESENT THE EXACT DIMENSIONS.

ESTIMATED QUANTITIES						CALCULATED BY: PN
ITEM ODOT	EXT.	PARTICIPATION 03/IMS	TOTAL	UNIT	DESCRIPTION	CHECKED BY: JDM
						REF. SHEET
201	11001	LS	LS		CLEARING AND GRUBBING, AS PER PLAN	P.3
512	10101	422	422	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	P.3
512	10601	90	90	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN	P.3
512	74001	422	422	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN	P.3
514	00050	10,507	10,507	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	
514	00056	10,507	10,507	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT	
514	00060	10,507	10,507	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	
514	00066	10,507	10,507	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	
514	00504	11	11	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL	
514	10000	5	5	EACH	FINAL INSPECTION REPAIR	
519	11101	10	10	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	P.3



TRANSVERSE SECTION

LIMITS OF STEEL PAINTING

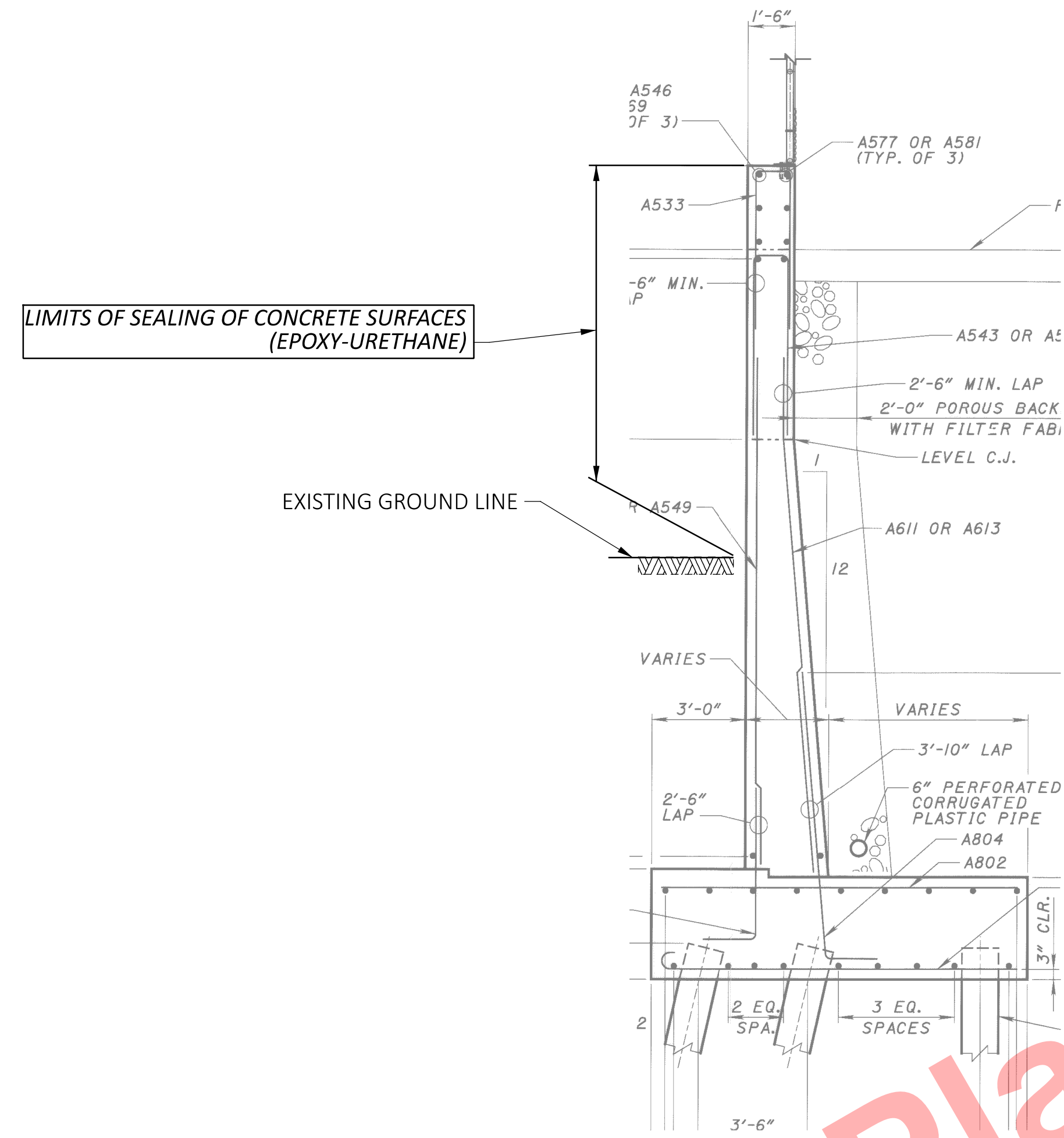
NOTES:

1. IMAGES SHOWN ARE TAKEN FROM EXISTING PLANS.

TRANSVERSE SECTION - LOCATION 5  
 BRIDGE NO. CUY-00077-11.803  
 ACCESS ROAD OVER I.R. 77

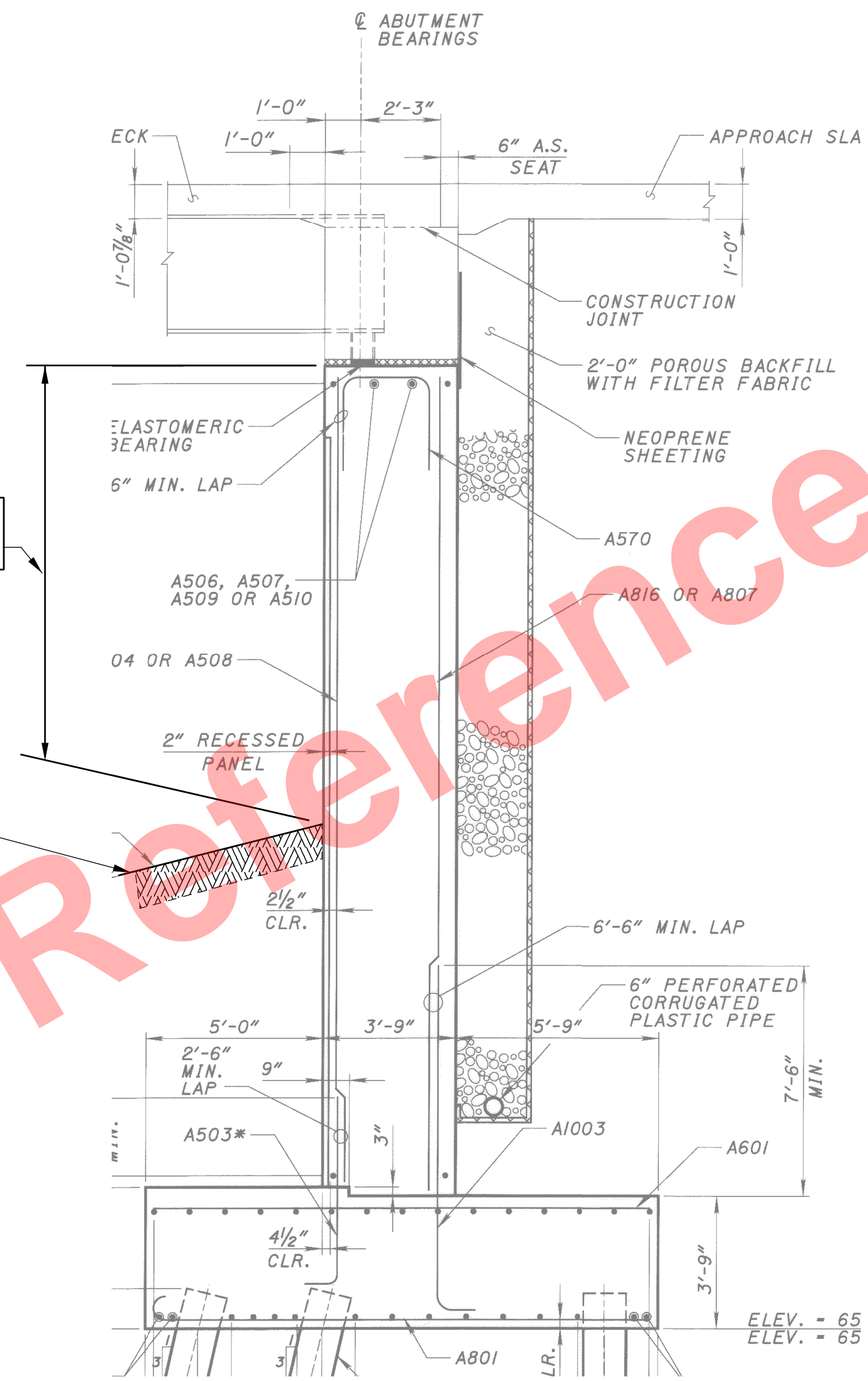
SFN  
 1806432  
 DESIGN AGENCY  
**AECOM**  
 564 White Pond Drive  
 Akron, OH 44320  
 (330) 836-9111  
 www.aecom.com

DESIGNER	CHECKER
PN	TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID	
105743	
SUBSET	TOTAL
3	3
SHEET	TOTAL
P.22	P.27



WINGWALL TYPICAL SECTION

LIMITS OF SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)

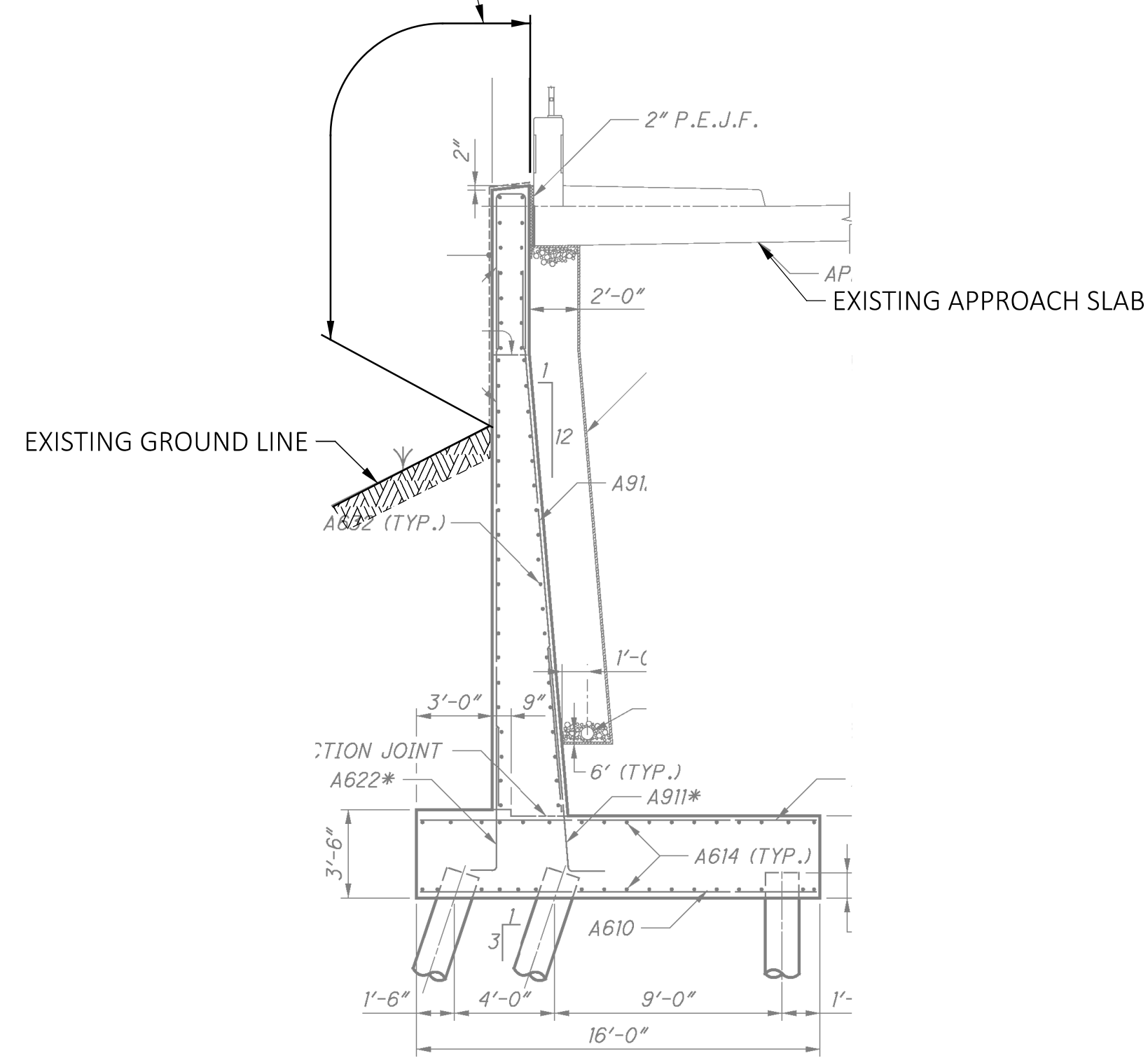


ABUTMENT TYPICAL SECTION

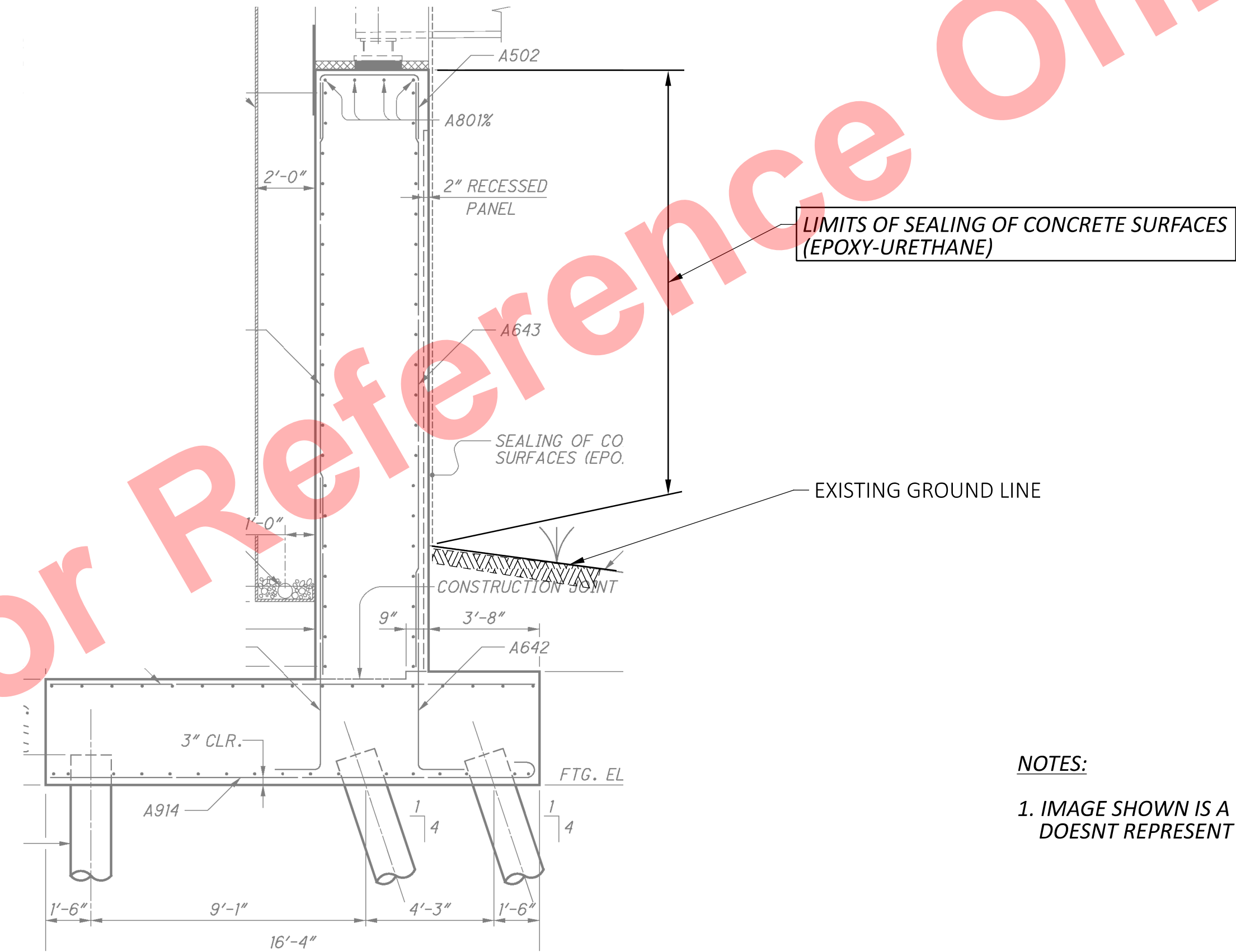
NOTES:  
 1. IMAGE SHOWN IS A TYPICAL SECTION AND DOESNT REPRESENT THE EXACT DIMENSIONS.

ESTIMATED QUANTITIES						CALCULATED BY: PN
						CHECKED BY: JDM
ITEM ODOT	EXT.	PARTICIPATION 03/IMS	TOTAL	UNIT	DESCRIPTION	REF. SHEET
201	11001	LS	LS		CLEANING AND GRUBBING, AS PER PLAN	P.3
512	10101	817	817	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	P.3
512	10601	80	80	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN	P.3
512	74001	817	817	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN	P.3
519	11101	45	45	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	P.3

LIMITS OF SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)



WINGWALL TYPICAL SECTION



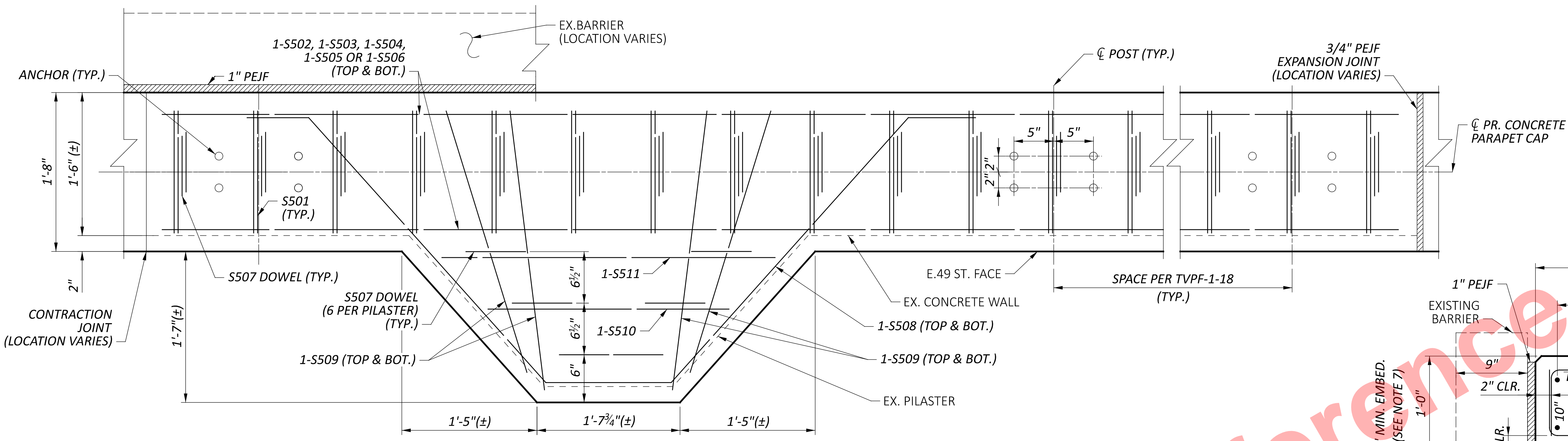
ABUTMENT TYPICAL SECTION

NOTES:

1. IMAGE SHOWN IS A TYPICAL SECTION AND DOESNT REPRESENT THE EXACT DIMENSIONS.

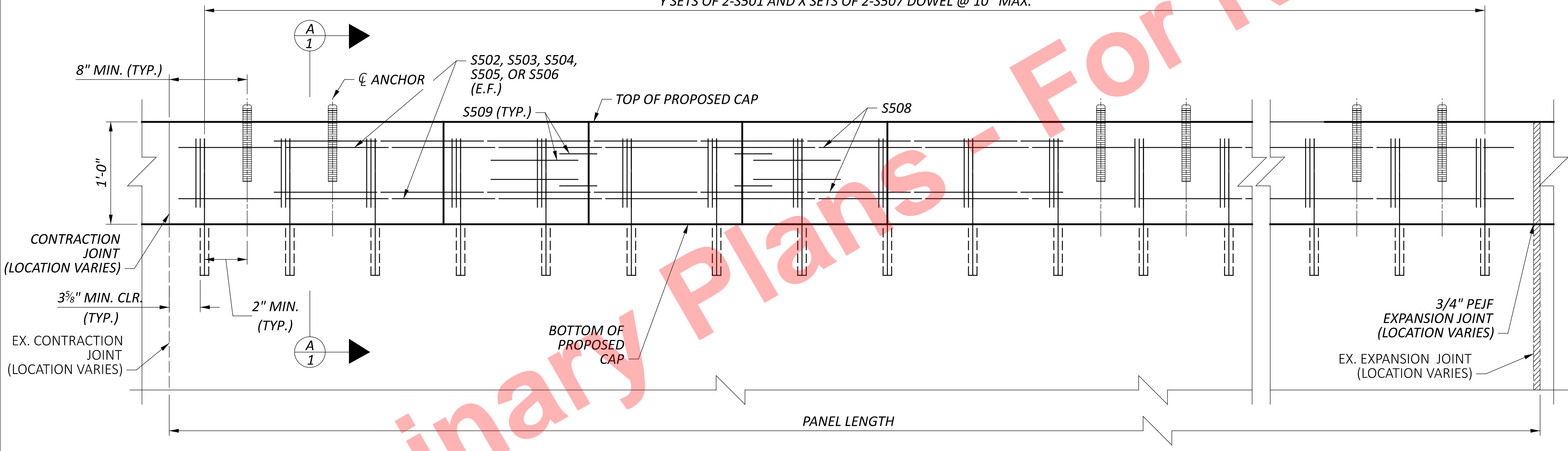
Preliminary Plans - For Reference Only

ESTIMATED QUANTITIES						CALCULATED BY: PN
						CHECKED BY: JDM
ITEM ODOT	EXT.	PARTICIPATION 03/IMS	TOTAL	UNIT	DESCRIPTION	REF. SHEET
201	11001	LS	LS		CLEANING AND GRUBBING, AS PER PLAN	P.3
512	10101	797	797	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	P.3
512	10601	60	60	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN	P.3
512	74001	797	797	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN	P.3
519	11101	10	10	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	P.3



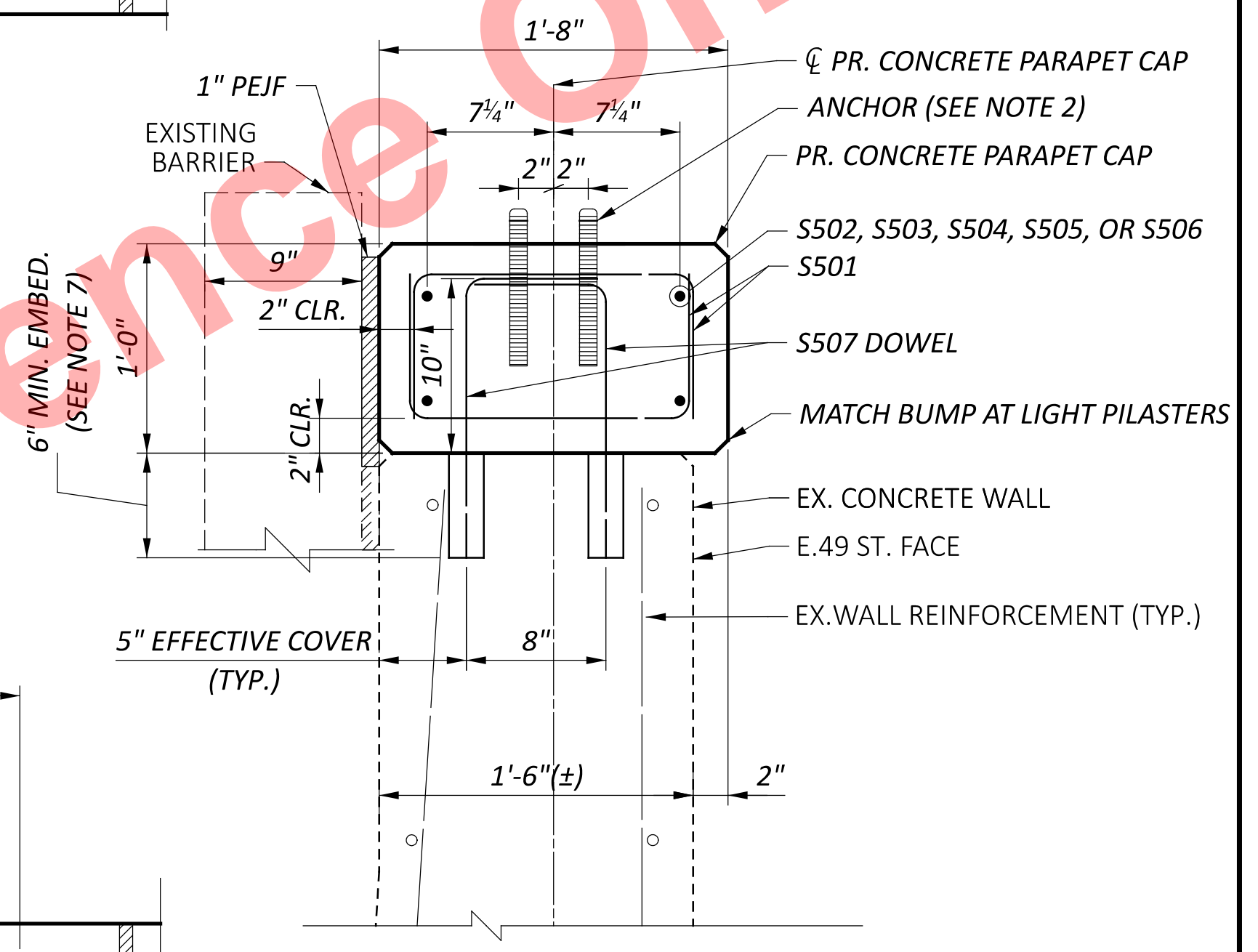
**PARTIAL PLAN**  
(1 PILASTER SHOWN, ESTIMATED 10 TOTAL)

Y SETS OF 2-S501 AND X SETS OF 2-S507 DOWEL @ 10" MAX.



**PARTIAL ELEVATION**  
(LOOKING AT E 49TH ST. SIDE OF WALL)

NO. OF PANELS	PANEL LENGTH	X	Y	LONGITUDINAL REINFORCEMENT BAR MARK
1	15'-10 1/2"	20	20	S506
1	18'-7 1/8"	23	23	S504
1	21'-0"	26	26	S505
47	28'-0"	35	35	S503
1	29'-0"	36	36	S502
1	29'-0 1/2"	36	36	S502



**A SECTION**  
1

**NOTES:**

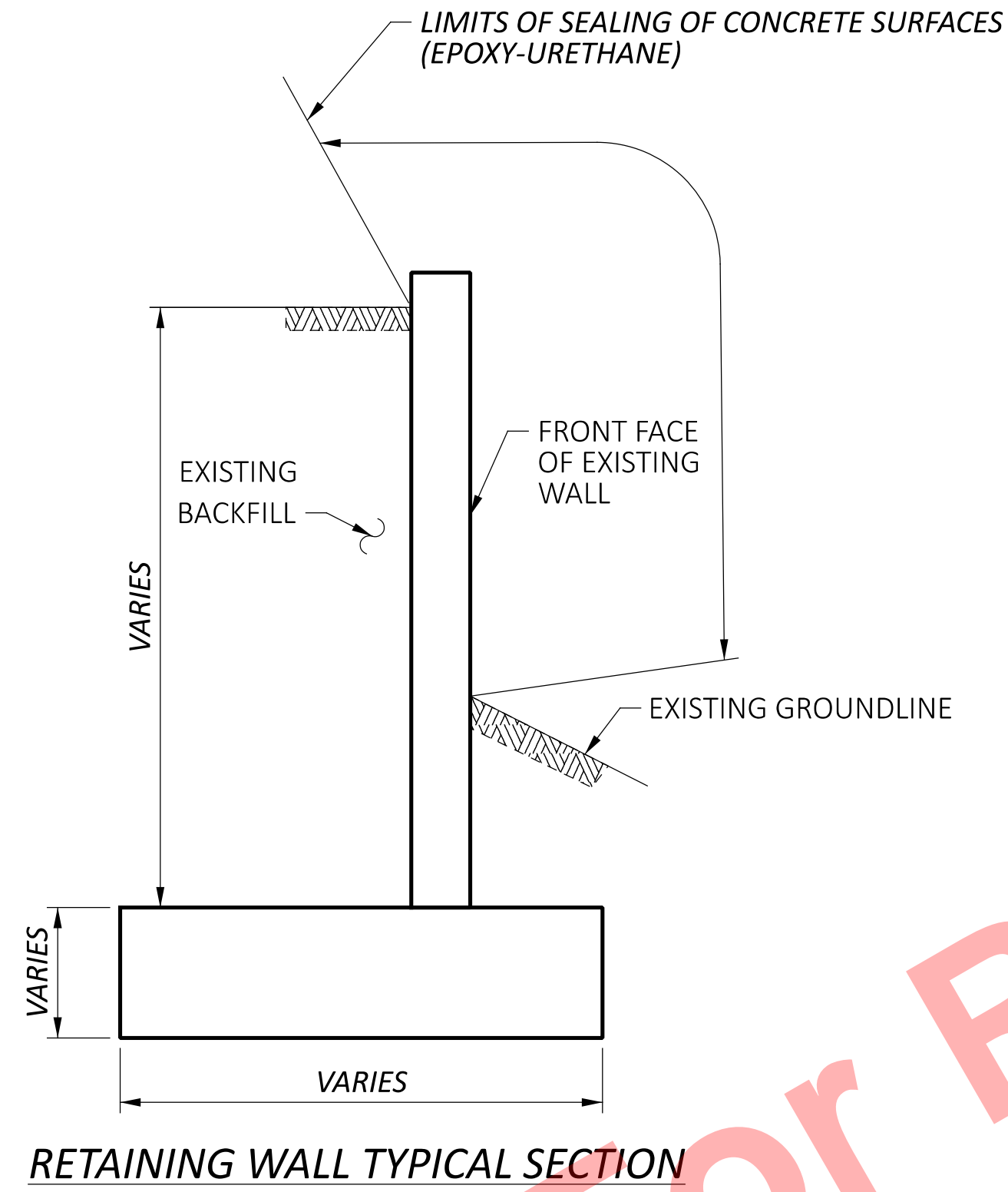
- DOWEL HOLES SHALL BE INSTALLED PER ITEM 510. FILL HOLES WITH NON SHRINK NON METALLIC GROUT. THE EMBEDMENT DEPTH SHALL BE PER MANUFACTURER'S RECOMMENDATION FOR DEVELOPING THE FULL TENSILE STRENGTH OF THE DOWEL INTO 4500 PSI CONCRETE. FOR PLAN PURPOSES, THE EMBEDMENT IS TAKEN AS 6" FOR #5 DOWELS.
- ANCHORS FOR FENCE POST BASE PLATES WITH POST SLEEVES FABRICATED IN ACCORDANCE WITH STANDARD DRAWING TVPF-1-18 ARE TO BE CAST IN PLACE WITH 7" MINIMUM EMBEDMENT LENGTH IN THE PROPOSED RETAINING WALL CAP. FOR FENCE QUANTITY AND PAYMENT, SEE PLANS CUY-77-11.41 MAJOR REHAB PART 1.
- REMOVAL OF EXISTING FENCE AND PROTRUSIONS SUCH AS ABANDONED ANCHOR BOLTS, CONDUITS, ETC. WHICH ARE TO BE CUT FLUSH WITH THE TOP OF WALL SHALL BE INCLUDED WITH PAYMENT FOR ITEM 202 - FENCE REMOVED, AS PER PLAN.
- CONCRETE REINFORCEMENT SHALL NOT PROJECT THROUGH EXPANSION OR CONTRACTION JOINTS.
- PLACE 3/4-IN PREFORMED EXPANSION JOINT FILLER (PEJF) IN ALL EXPANSION JOINTS AND 1" PEJF BETWEEN LOCATIONS OF EXISTING BARRIER AND PROPOSED CAP. PEJF SHALL BE PER C&MS 705.03 AND INCLUDED WITH THE WALL CONCRETE FOR PAYMENT.
- CAP OVER PILASTERS IS COSMETIC ONLY AND NOT INTENDED TO SUPPORT LIGHT POLES.
- WHEN TOP OF WALL REQUIRES PATCHING, DOWEL EMBEDMENT SHALL EXTEND BEYOND PATCH 6" INTO SOUND CONCRETE. ADJUST DOWEL LENGTH AS NEEDED. THIS ITEM SHALL BE INCIDENTAL TO ITEM 510 DOWEL HOLES.

PROPOSED CAP DETAILS - LOCATION 8  
RETAINING WALL

DESIGNER	CHECKER
PN	TMB
REVIEWER	
MRW 05/01/26	
PROJECT ID	105743
SUBSET	TOTAL
1	2
SHEET	TOTAL
P.25	P.27

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RETAINING WALL TYPICAL SECTION

NOTES:

1. IMAGE SHOWN DOESNT REPRESENT THE EXACT DIMENSIONS.
2. WHERE FENCE REMOVAL AND REPLACEMENT IS PLANNED, CONTRACTOR SHALL COMPLETE SEALING OPERATIONS AFTER REMOVAL OF EXISTING FENCE AND BEFORE INSTALLATION OF PROPOSED FENCE.

ESTIMATED QUANTITIES

CALCULATED BY: PN  
 CHECKED BY: JDM

ITEM ODOT	EXT.	PARTICIPATION 04/IMS	TOTAL	UNIT	DESCRIPTION	LOCATION 9: CUY-00077-11.711R	LOCATION 10: CUY-00077-11.840L	LOCATION 11: CUY-00077-11.897R	LOCATION 12: CUY-18394-0.206R	LOCATION 13: CUY-18395-0.017R	LOCATION 14: CUY-00077-12.720L	REF. SHEET
201	11001	LS	LS		CLEARING AND GUBBING, AS PER PLAN	LS	LS	LS	LS	LS	LS	P.3
202	38501	784	784	FT	BRIDGE RAILING REMOVED, AS PER PLAN	-	-	-	-	-	784	P.3
202	75001	411	411	FT	FENCE REMOVED, AS PER PLAN	-	-	411	-	-	-	P.3
512	10101	4,700	4,700	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	217	307	879	1350	719	1228	P.3
512	10601	60	60	FT	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN	-	60	-	-	-	-	P.3
512	74001	4,538	4,538	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN	217	305	867	1300	694	1156	P.3
519	11101	1,460	1,460	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	5	20	110	450	225	650	P.3
607	39901	411	411	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN	-	-	411	-	-	-	P.3
607	39911	784	784	FT	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN	-	-	-	-	-	784	P.3