

**NORTH & SOUTH SEAWALL at WEBHANNET DRIVE  
WELLS, MAINE  
D&K Project No. 627789P5**

**ADDENDUM NO. 1**

July 17, 2023

Page 1 of 3

**TO:** PROSPECTIVE BIDDERS

**FROM:** DuBois & King, Inc.  
15 Constitution Drive, Suite 1L  
Bedford, NH 03110

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents dated July 2023. **NOTE: Contractor to acknowledge receipt of this Addendum in the space provided on Page 3, Article 5.03 of the Bid Form (Section 00410, Page 00410-3). Failure to do so may subject the Bidder to disqualification.**

**I. CONTRACT DOCUMENTS (SPECIFICATIONS) CHANGES**

A. SECTION 410 – BID FORM FOR CONSTRUCTION CONTRACT

1. Page 2 – **Revise** as follows:

**Revise** Article 3.01 to include item 652.38, FLAGGER with a quantity of 240 HR.

**II. PLANS (DRAWINGS) CHANGES/ CLARIFICATIONS**

A. SHEET 2 – GENERAL NOTES

1. ESTIMATED QUANTITIES – **Revise** Item as follows:

**INCLUDE** item 652.38 “FLAGGER” with A QUANTITY 240 HR.

B. SHEET 9 – SOUTH WALL REPAIR PLAN 1

1. ELEVATION A - REMOVAL– **Revise** detail as follows:

**INCLUDE** dimension with text that reads REPAIR LIMITS (ITEM 518.61).

C. SHEET 11 – SOUTH WALL REPAIR PLAN 3

1. ELEVATION B - REMOVAL– **Revise** detail as follows:

**INCLUDE** dimension with text that reads REPAIR LIMITS (ITEM 518.61).

D. SHEET 13 – REPAIR DETAILS 1 OF 2

1. CAP REPAIR REMOVAL LIMITS– **Revise** detail as follows:

**INCLUDE** dimension with text that reads REMOVAL LIMITS (ITEM 518.61).

E. SHEET 14 – REPAIR DETAILS 2 OF 2

1. CAP REPAIR REMOVAL LIMITS– **Revise** detail as follows:

**INCLUDE** callout with text that reads REMOVAL LIMITS (ITEM 518.61).

2. NOTES– **Include** note 6 as follows:

**INCLUDE** note that reads “STEM FACE REPAIR SHALL BE PAID FOR UNDER ITEM 518.60 OR ITEM 518.61 DEPENDING ON THE DEPTH OF REMOVAL. WHERE THE REPAIR DEPTH IS LESS THAN 8" PAYMENT SHALL BE MADE UNDER ITEM 518.60. WHERE THE REPAIR EXTENDS 8" OR GREATER, PAYMENT SHALL BE MADE UNDER ITEM 518.61.”

III. **ADDITIONAL INFORMATION OR CLARIFICATION**

**QUESTIONS RECEIVED 7/12**

Q1) Are there any restrictions on a start date? ie: Labor Day

A) Yes, the start date will be after Labor Day.

Q2) Is there a completion date? Please take into consideration, submittals, approvals, field measuring for rebar, shop drawing development, approval, fabrication etc. and the rip rap work will need to be completed after the concrete repairs are completed.

A) All work must be completed by May 31, 2024.

Q3) Who is responsible for concrete testing?

A) Concrete testing services and coordination will be handled by the contractor. The engineer shall be informed of frequency and timing of testing.

Q4) Can a flagger item be added? It appears flaggers will be required for work on the North Wall and the rip rap work.

A) Flaggers (Item 652.38) have been added to the plans and bid documents.

Q5) The reinforcing steel is not dimensioned. Can dimensions and typical bend details be provided?

A) Reinforcing steel will have to be field measured and cut to ensure proper fit-up. Standard bar bends can be provided to the awarded contractor. Bar bends will comply with AASHTO standard bar bends (AASHTO Figure C5.10.8.2.4a-1).

Q6) In reference to Items 502.3413, Item 518.60 and Item 518.61, can these item numbers be referenced on the corresponding repair detail shown on sheet 13 and 14?

A) Item 502.3413 shall be used for sonotubes as necessary (see Note 1, Sheet 4). Items 518.60 & 518.61 shall be used for concrete repairs shown on sheet 13 that are not crack repairs, and the stem face repairs as shown on sheet 14. The actual item used for these repairs depends on if the depth of the repair extends more than 8" or not. Item 518.51 shall be used for the stem seat repairs as shown on sheet 14. Item 502.605 shall only be used as shown on the South Wall Typical Cross Section, shown on Sheet 15.

Q7) What are the limits of the rip rap work?

A) See notes 1-3 on sheet 15 of the plans. All riprap shall be placed in an interlocking pattern along the full length of both walls at an approximate 3H:1V ratio. At the North wall riprap shall be placed to

be a minimum of 1'-0" and maximum of 3'-0" below the existing stem seat (see Riprap detail sheet 15). At the south seawall riprap shall be place a minimum of 4'-0" above the 50 year maximum high tide elevation (see South Wall Typical Cross Section, sheet 15).

#### **IV. ATTACHMENTS**

1. SECTION 410 – BID FORM FOR CONSTRUCTION CONTRACT
2. PLANS

# BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

## ARTICLE 1—OWNER AND BIDDER

- 1.01 This Bid is submitted to: Michael W. Pardue, Town Manager, 208 Sanford Road, Wells Maine, 04090.
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

## ARTICLE 2—ATTACHMENTS TO THIS BID

- 2.01 The following documents are submitted with and made a condition of this Bid:
  - A. Required Bid security;
  - B. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;
  - C. Contractor’s license number as evidence of Bidder’s State Contractor’s License;

## ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

- 3.01 Unit Price Bids
  - A. Bidder will perform the following Work at the indicated unit prices:

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
202.12	REMOVING EXISTING STRUCTURAL CONCRETE	CY	10		
203.20	COMMON EXCAVATION	CY	30		
304.13	DENSE GRADED CRUSHED AGGREGATE SUBBASE	CY	9		
403.1025	HOT MIX ASPHALT PAVEMENT - ROADWAY AND STREET REPAIR	SY	3		
419.30	SAW CUTTING BITUMINOUS PAVEMENT	LF	40		
502.3413	STRUCTURAL CONCRETE	CY	2.5		
502.605	SEAWALL REPAIR CONCRETE	CY	10		
503.26	STAINLESS STEEL REINFORCING - FABRICATED AND DELIVERED	LB	4500		
503.27	STAINLESS STEEL REINFORCING - PLACING	LB	4500		

515.21	PROTECTIVE COATING FOR CONCRETE SURFACES	SY	850		
518.51	REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL	SF	40		
518.60	REPAIR OF VERTICAL SURFACES < 8 IN	SF	170		
518.61	REPAIR OF VERTICAL SURFACES >= 8 IN	CY	4		
518.84	CONCRETE CRACK REPAIR	LF	120		
518.85	SPECIAL PROVISION: EXPANSION JOINT REPAIR	LF	90		
610.163	SPECIAL RIPRAP	CY	455		
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	LF	6		
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	LS	1		
652.38	FLAGGER	HR	240		
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2		
656.75	TEMPORARY SOIL EROSION & WATER POLLUTION CONTROL	LS	1		
659.10	MOBILIZATION	LS	1		
Total of All Unit Price Bid Items (BASE BID)					\$

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids.

ARTICLE 4—TIME OF COMPLETION

- 4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 Bid Acceptance Period

- A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 Instructions to Bidders

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 Receipt of Addenda

- A. Bidder hereby acknowledges receipt of the following Addenda posted on Engineer's website:

Addendum Number	Addendum Date

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 Bidder's Representations

- A. In submitting this Bid, Bidder represents the following:
  - 1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
  - 2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  - 3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
  - 4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
  - 5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
  - 6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.
  - 7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

#### 6.02 Bidder's Certifications

##### A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
  - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
  - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
  - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
  - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

\_\_\_\_\_ (typed or printed name of organization)

By: \_\_\_\_\_ (individual's signature)

Name: \_\_\_\_\_ (typed or printed)

Title: \_\_\_\_\_ (typed or printed)

Date: \_\_\_\_\_ (typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest: \_\_\_\_\_ (individual's signature)

Name: \_\_\_\_\_ (typed or printed)

Title: \_\_\_\_\_ (typed or printed)

Date: \_\_\_\_\_ (typed or printed)

Address for giving notices:

\_\_\_\_\_  
\_\_\_\_\_

Bidder's Contact:

Name: \_\_\_\_\_ (typed or printed)

Title: \_\_\_\_\_ (typed or printed)

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Bidder's Contractor License No.: (if applicable) \_\_\_\_\_



# STATE OF MAINE



## TOWN OF WELLS YORK COUNTY NORTH & SOUTH SEAWALL AT WEBHANNET DRIVE PROJECT LENGTH 0.50 mi.

### LIST OF DRAWINGS

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### SPECIFICATIONS

MaineDOT Standard Specifications, March 2020.

### MATERIALS

Concrete: ..... Class "LP"  
Concrete Repair Areas .....  
Reinforcing Steel ..... ASTM A 995/A 995M, Grade 60

### BASIC DESIGN STRESSES

Concrete ..... f 'c = 4000 psi  
Reinforcing Steel ..... f y = 60,000 psi

<u>PROJECT LOCATION</u>	Webhannet Drive in Wells, ME Lat./Long. 43°17'40.85" N 70°34'5.26" W
<u>PROGRAM AREA</u>	Municipal/ Non State-Aid Project
<u>OUTLINE OF WORK</u>	Repair, Rehabilitation of Seawall & Placement of Riprap

STATE OF MAINE TOWN OF WELLS	APPROVED	DATE
COMMISSIONER: CHIEF ENGINEER:		
PROJECT INFORMATION	SIGNATURE	P.E. NUMBER
PROGRAM MUNICIPAL	M. RICCARDI	DUBOIS & KING
PROJECT MANAGER	T. RANEY	DATE
DESIGNER	DUBOIS & KING	DATE
CONSULTANT	PROJECT RESIDENT	PROJECT COMPLETION DATE
CONTRACTOR	PROJECT RESIDENT	PROJECT COMPLETION DATE
PROJECT COMPLETION DATE	PROJECT RESIDENT	PROJECT COMPLETION DATE
WEBHANNET DRIVE	YORK	TITLE SHEET
TOWN OF WELLS	SHEET NUMBER	
1		
OF 15		

Date: 7/17/2023

Username: kkittredge

Division: BRIDGE

Filename: \Drawings\Sheets\001\_Title.dgn

**GENERAL NOTES:**

1. ALL DIMENSIONS ARE HORIZONTAL AND VERTICAL AND GIVEN AT 68 DEGREES FAHRENHEIT.
2. ALL DIMENSIONS AND FIELD CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF THE WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SAFETY, AND MEANS AND METHODS TO PERFORM AND COMPLETE THE WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY OUTSIDE THE LIMITS OF CONSTRUCTION SHOWN ON THE PLANS CAUSED BY THE CONTRACTOR AT THE SOLE COST TO THE CONTRACTOR.
5. THE CONTRACTOR SHALL SUBMIT LITERATURE (MANUFACTURERS LITERATURE, CUT SHEETS, APPLICATION PROCEDURES, ETC.) FOR ALL PRODUCTS PROPOSED FOR USE ON THE PROJECT, FOR APPROVAL BY THE ENGINEER.
6. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THE DEBRIS DOES NOT FALL ON ANY WATERWAY NEAR THE EXISTING STRUCTURE. ALL COSTS, INCLUDING ERECTION, MAINTENANCE AND REMOVAL OF TEMPORARY STRUCTURES OR OTHER SUCH APPROVED METHODS, SHALL BE SUBSIDIARY TO THE APPROPRIATE ITEMS OF WORK BEING PERFORMED.
7. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
8. A 3-FOOT PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
9. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
10. ANY DAMAGE TO THE SLOPES, WEBHANNET DRIVE, OR THE BEACH CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ACCESS TO OR TEMPORARILY RELOCATING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
12. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING AND MAINTAINING VEHICULAR ACCESS, CONSTRUCTION SIGNAGE AND TRAFFIC CONTROL ON WEBHANNET DRIVE FOR THE LENGTH OF THE CONSTRUCTION SITE.
13. THE CONTRACTOR SHALL AT A MINIMUM PROVIDE 2 PORTABLE CHANGEABLE MESSAGE SIGNS (ITEM 652.41) AT EITHER END OF WEBHANNET DRIVE FOR A MINIMUM OF 7 DAYS PRIOR TO CONSTRUCTION, AND FOR THE DURATION OF CONSTRUCTION ACTIVITIES. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL DISPLAY INFORMATION REGARDING CONSTRUCTION ACTIVITIES AND LANES CLOSURES ALONG WEBHANNET DRIVE.
14. INSTALL SILT SACK IN EXISTING CATCH BASINS BEFORE COMMENCING WORK. MAINTAIN UNTIL BINDER COURSE PAVING IS COMPLETE OR A PERMANENT STAND OF GRASS HAS BEEN ESTABLISHED.
15. GRATE TO BE PLACED OVER SILT SACK.
16. SILT SACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
17. REMOVE SILT SACK AT COMPLETION OF PROJECT.
18. ALL EXPOSED CONCRETE SURFACES SHALL BE SEALED WITH A PROTECTIVE COATING, AS APPROVED ON THE MAINEDOT PREQUALIFIED PRODUCTS LIST. PAYMENT SHALL BE MADE FOR UNDER ITEM 515.21, PROTECTIVE COATING FOR CONCRETE SURFACES.
18. ALL WORK SHALL BE COMPLETED ON A LUMP SUM BASIS. ANY SPECIFICATION SECTIONS OR ITEM NUMBERS PROVIDED ARE GIVEN TO DIRECT THE CONTRACTOR TO THE APPROPRIATE STANDARDS. NO SEPARATE PAYMENT SHALL BE MADE.

**SURFACE PREPARATION FOR CONCRETE REPAIRS:**

1. EXTENT, LOCATION, AND REPAIR TYPE OF ALL CONCRETE REPAIRS TO BE FIELD VERIFIED AND APPROVED BY THE ENGINEER AFTER CONTRACTOR HAS SOUNDED AND MARKED OUT ALL REPAIR AREAS. REPAIR CONFIGURATIONS SHOULD BE KEPT AS SIMPLE AS POSSIBLE AND RECTANGULAR IN SHAPE.

**CAST-IN-PLACE CONCRETE NOTES:**

1. CAST-IN-PLACE CONCRETE SHALL BE PLACED IN THE DRY. THE CONTRACTOR IS ALERTED TO THE PRESENCE OF WATER AND SHALL SUBMIT FOR APPROVAL THE MEANS OF DEWATERING FOR PLACEMENT OF CONCRETE.
2. ALL GROUT SHALL BE 5,000 PSI MIN, NON-METALLIC, NON-SHRINK GROUT FROM THE MAINEDOT QUALIFIED PRODUCTS LIST.
3. ALL PROPOSED CONCRETE SHALL BE CLASS LP FOLLOWING THE PROCEDURES IN ACCORDANCE WITH SECTION 518.
4. ALL FOUNDATION WORK AND PREPARATIONS SHALL BE REVIEWED AND APPROVED BY THE RESIDENT.
5. ALL CONCRETE WORK WITHIN 3' IN ELEVATION OF THE EXPECTED HIGH TIDE SHALL BE TIMED WITH THE DAILY TIDE CYCLE TO ALLOW FOR THE LONGEST POSSIBLE CURE TIME BEFORE THE NEXT HIGH TIDE, WHICH SHALL NOT BE LESS THAN 8 HOURS.

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.12	REMOVING EXISTING STRUCTURAL CONCRETE	10	CY
203.20	COMMON EXCAVATION	30	CY
304.13	DENSE GRADED CRUSHED AGGREGATE SUBBASE	9	CY
403.1025	HOT MIX ASPHALT PAVEMENT - ROADWAY AND STREET REPAIR	3	SY
419.30	SAW CUTTING BITUMINOUS PAVEMENT	40	LF
502.3413	STRUCTURAL CONCRETE	2.5	CY
502.605	SEAWALL REPAIR CONCRETE	10	CY
503.26	STAINLESS STEEL REINFORCING - FABRICATED AND DELIVERED	4500	LB
503.27	STAINLESS STEEL REINFORCING - PLACING	4500	LB
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES	850	SY
518.51	REPAIR OF UPWARD FACING CONCRETE SURFACES - BELOW REINFORCING STEEL	40	SF
518.60	REPAIR OF VERTICAL SURFACES < 8 IN	170	SF
518.61	REPAIR OF VERTICAL SURFACES >= 8 IN	4	CY
518.84	CONCRETE CRACK REPAIR	120	LF
518.85	SPECIAL PROVISION: EXPANSION JOINT REPAIR	90	LF
610.163	SPECIAL RIPRAP	455	CY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	6	LF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	240	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA
656.75	TEMPORARY SOIL EROSION & WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

Date: 7/17/2023

Username: krittredge

Division: BRIDGE

Filename: ... \Sheets\002\_GeneralNotes.dgn

STATE OF MAINE  
TOWN OF WELLS

MUNICIPAL

PROJ. MANAGER	M. RICCARDI	DATE	
DESIGN-DETAILED	T. RANEY	BY	
CHECKED-REVIEWED	R. CAUBREAU	DATE	
DESIGN-DETAILED		SIGNATURE	
REVISIONS 1		P.E. NUMBER	
REVISIONS 2		DATE	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

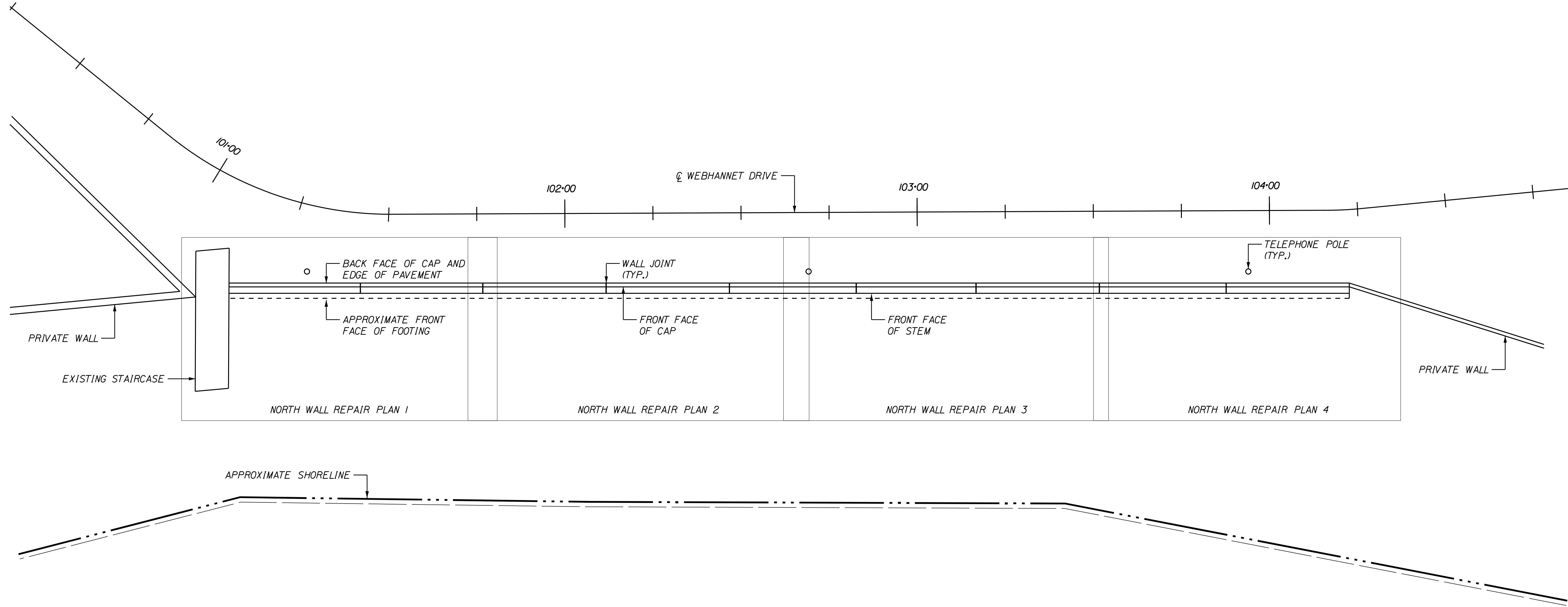
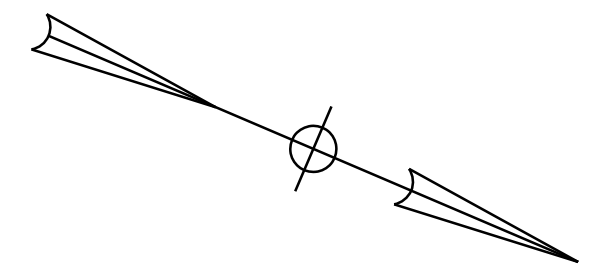
WEBHANNET DRIVE  
TOWN OF WELLS  
YORK

GENERAL NOTES

SHEET NUMBER

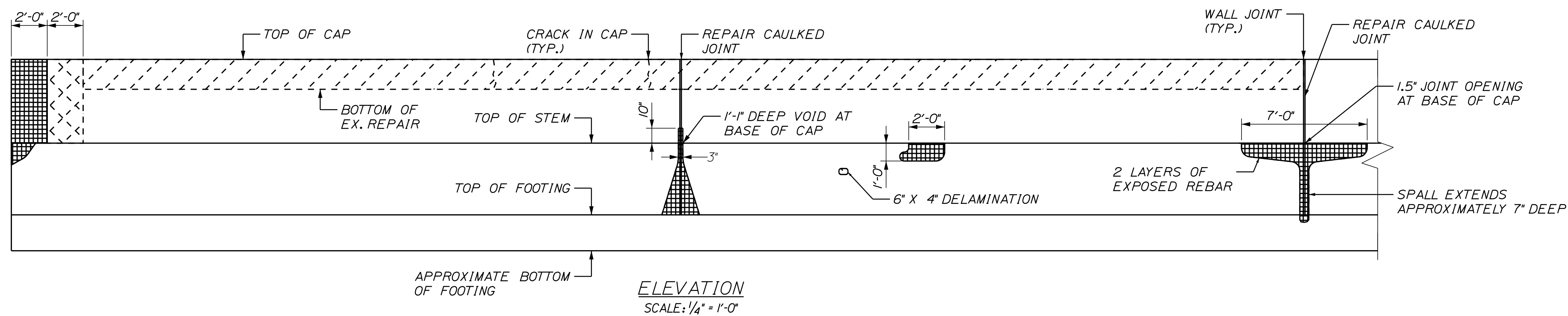
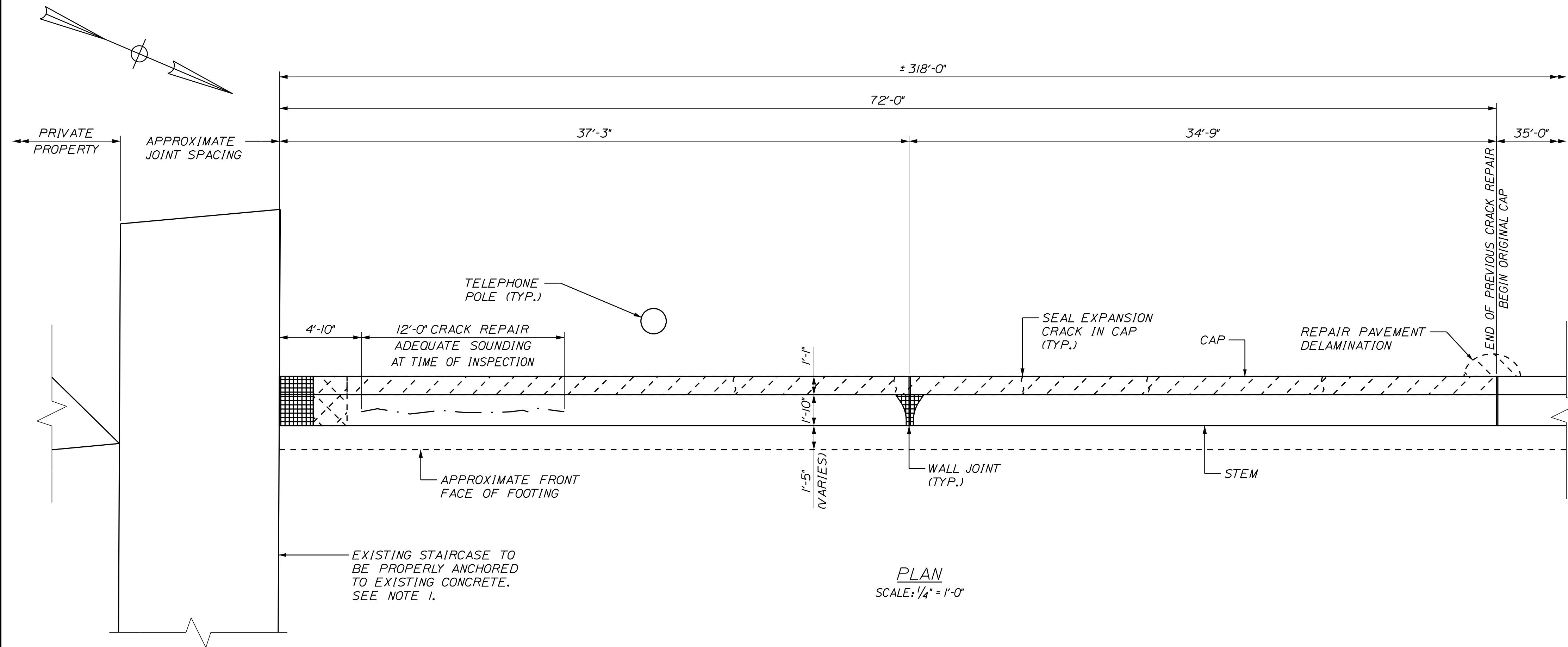
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OF 15



NORTH WALL KEY PLAN  
 SCALE: 1/16" = 1'-0"

STATE OF MAINE		TOWN OF WELLS		MUNICIPAL	
WEBHANNET DRIVE		YORK		NORTH WALL KEY PLAN	
TOWN OF WELLS		SHEET NUMBER		3	
3		OF 15			
PROJ. MANAGER	M. RICCARDI	BY	DATE	SIGNATURE	
DESIGN-DETAILED	T. RANEY	CHECKED-REVIEWED	R. CAUBREAL	P.E. NUMBER	
DESIGN-DETAILED		DESIGN-DETAILED		DATE	
REVISIONS 1		REVISIONS 1			
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					



- NOTES:**
- WHERE EXISTING CONCRETE IS NOT PRESENT OR IS NOT SUITABLE FOR ATTACHMENT, STAIRCASE POST ANCHORAGE ASSEMBLIES SHALL BE AFFIXED TO CONCRETE SONOTUBES EXTENDING 4' MINIMUM BELOW EXISTING GROUND (PAID FOR UNDER ITEM 502.3413).
  - CONCRETE CRACKS SHALL BE REPAIRED WITH PRESSURE INJECTED EPOXY ADHESIVE. USE A BACKER ROD WHERE NECESSARY. SEE SPECIAL PROVISIONS FOR SPECIFIC REQUIREMENTS (PAID FOR UNDER ITEM 518.84).
  - DETERIORATED PAVEMENT AND/OR SUNKED PAVEMENT SHALL BE REMOVED AND REPLACED AS NECESSARY.
  - ALL AREAS OF SPALLING, CRACKING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT TIME OF CONSTRUCTION.

**LEGEND**

- PAVEMENT REPAIR
- EXISTING CAP REPAIR
- SPALL REPAIR
- DELAMINATION REPAIR
- CRACK REPAIR

STATE OF MAINE TOWN OF WELLS		MUNICIPAL	
PROJ. MANAGER M. RICCARDI	BY T. RANEY	DATE	SIGNATURE
CHECKED-REVIEWED R. CAUBREAL			P.E. NUMBER
DESIGN DETAILED			DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
WEBHANNET DRIVE TOWN OF WELLS		YORK	
NORTH WALL REPAIR PLAN 1			
SHEET NUMBER			
4			
OF 15			

Date: 7/17/2023

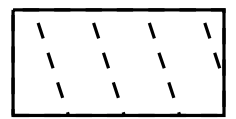
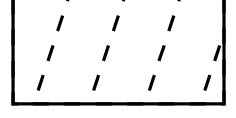
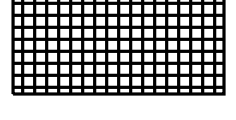


Username: kittedredge

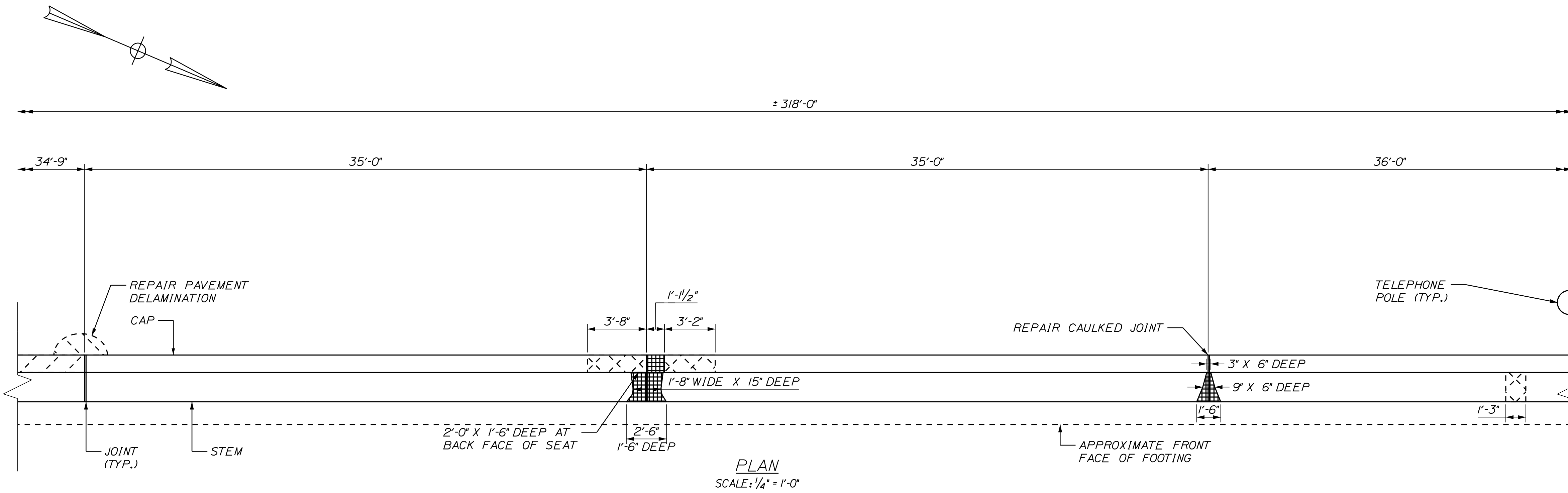
Division: BRIDGE

Filename: ... \Sheets\004\_North Plan Cuts.dgn

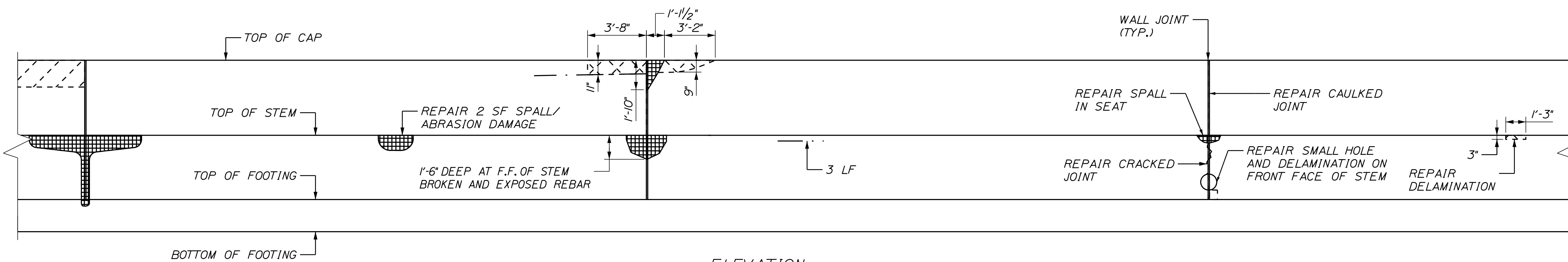
NOTES:  
1. ALL AREAS OF SPALLING, CRACKING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT TIME OF CONSTRUCTION.

LEGEND

-  PAVEMENT REPAIR
-  EXISTING CAP REPAIR
-  SPALL REPAIR
-  DELAMINATION REPAIR
-  CRACK REPAIR



PLAN  
SCALE: 1/4" = 1'-0"



ELEVATION  
SCALE: 1/4" = 1'-0"

STATE OF MAINE  
TOWN OF WELLS

MUNICIPAL

PROJ. MANAGER	M. RICCARDI	BY	DATE
DESIGN-DETAILED	T. RANEY	CHECKED-REVIEWED	R. CAUBREAL
DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES			

WEBHANNET DRIVE  
TOWN OF WELLS  
YORK  
NORTH WALL  
REPAIR PLAN 2

SHEET NUMBER

5

OF 15

Date: 7/17/2023

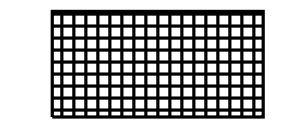
Username: kittedredge

Division: BRIDGE

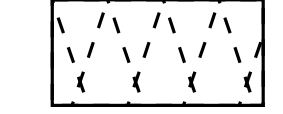
Filename: ... \Sheets\004\_North Plan Cuts.dgn

NOTES:  
1. ALL AREAS OF SPALLING, CRACKING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT TIME OF CONSTRUCTION.

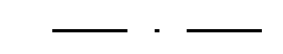
LEGEND



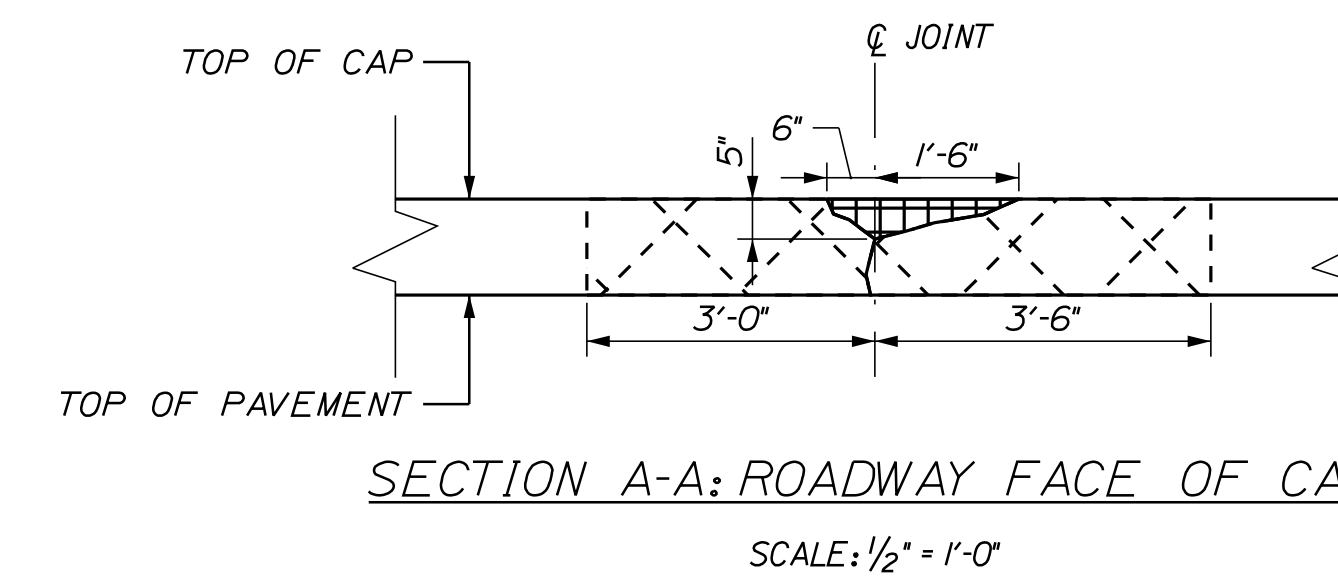
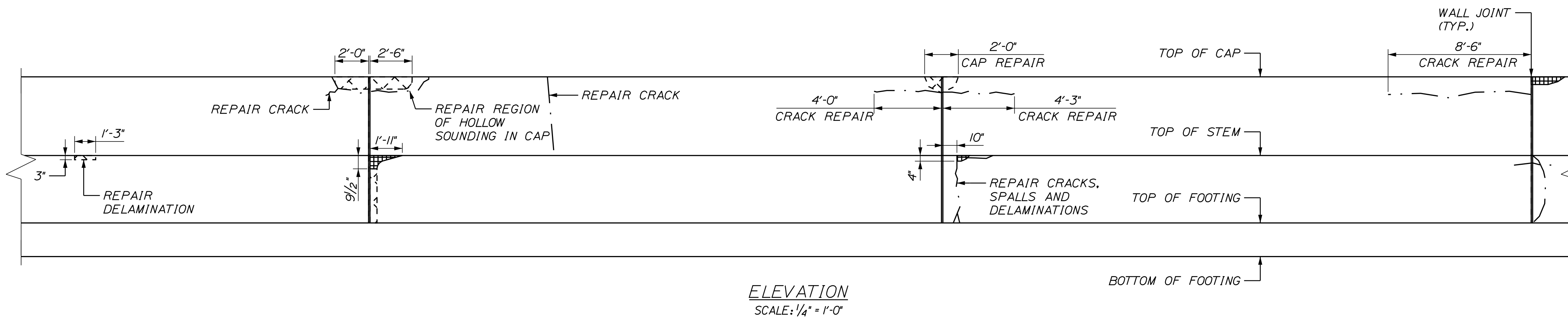
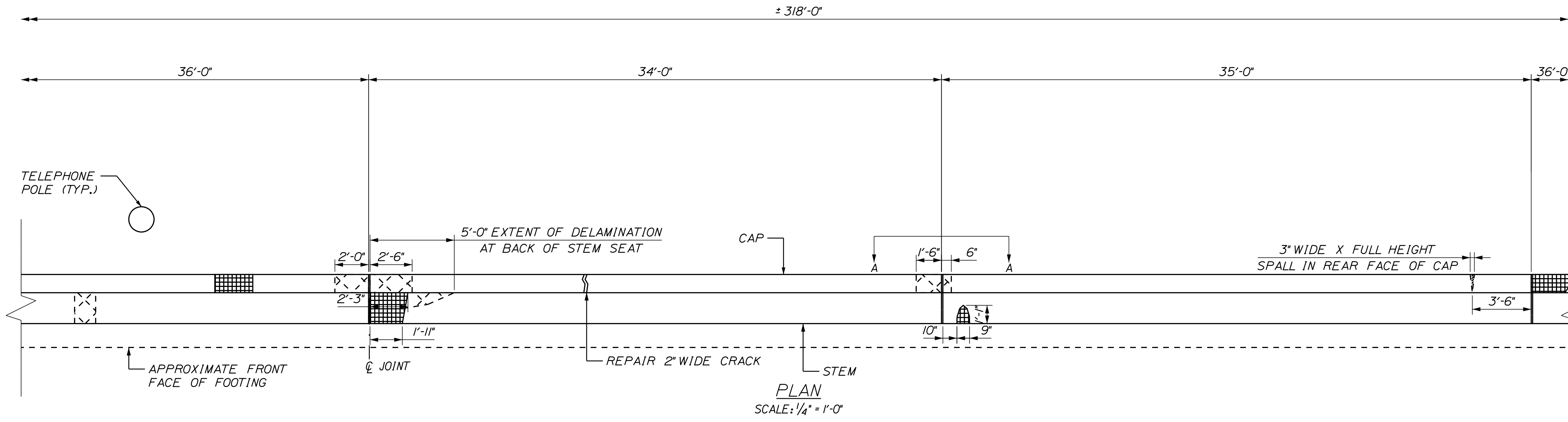
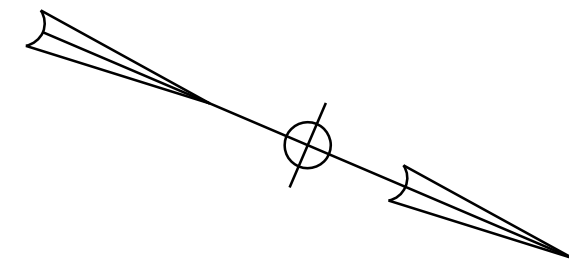
SPALL REPAIR



DELAMINATION REPAIR



CRACK REPAIR



STATE OF MAINE  
TOWN OF WELLS

MUNICIPAL

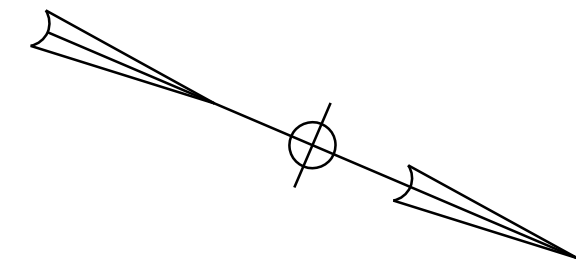
PROJ. MANAGER	M. RICCARDI	BY	DATE
DESIGN DETAILED	T. RANEY	CHECKED/REVIEWED	R. CAUBREAL
DESIGN DETAILED		DESIGN DETAILED	
REVISIONS 1		SIGNATURE	
REVISIONS 2		P.E. NUMBER	
REVISIONS 3		DATE	
REVISIONS 4			
FIELD CHANGES			

WEBHANNET DRIVE  
TOWN OF WELLS  
NORTH WALL  
REPAIR PLAN 3

SHEET NUMBER

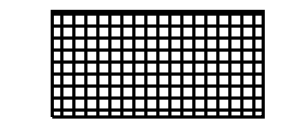
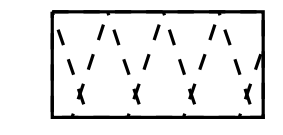
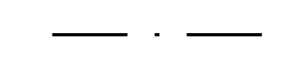
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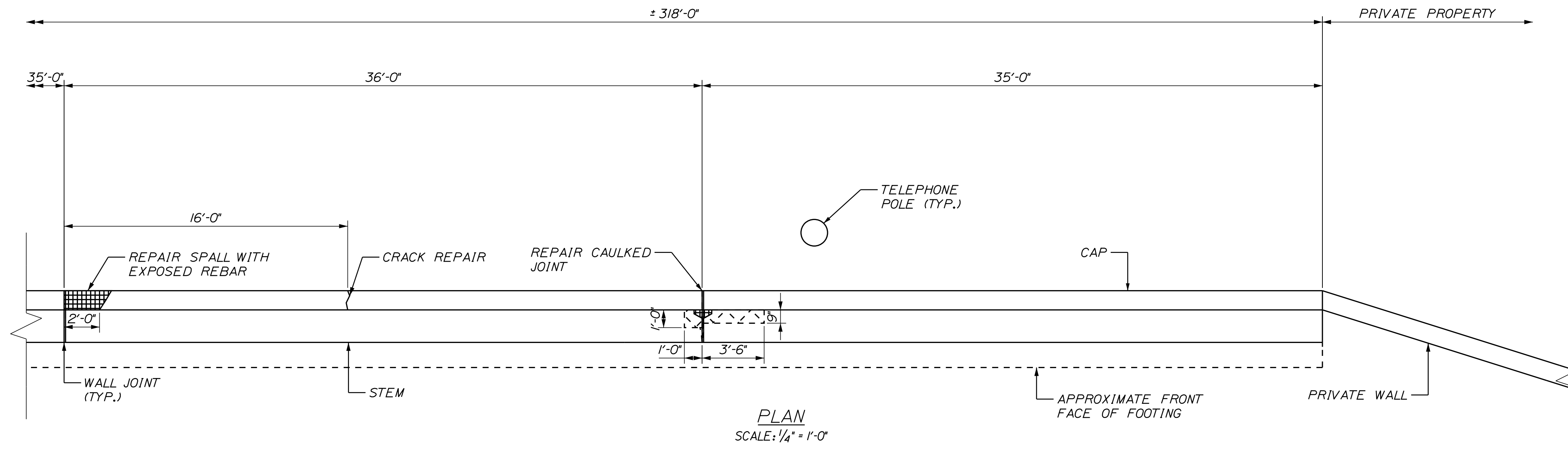
OF 15



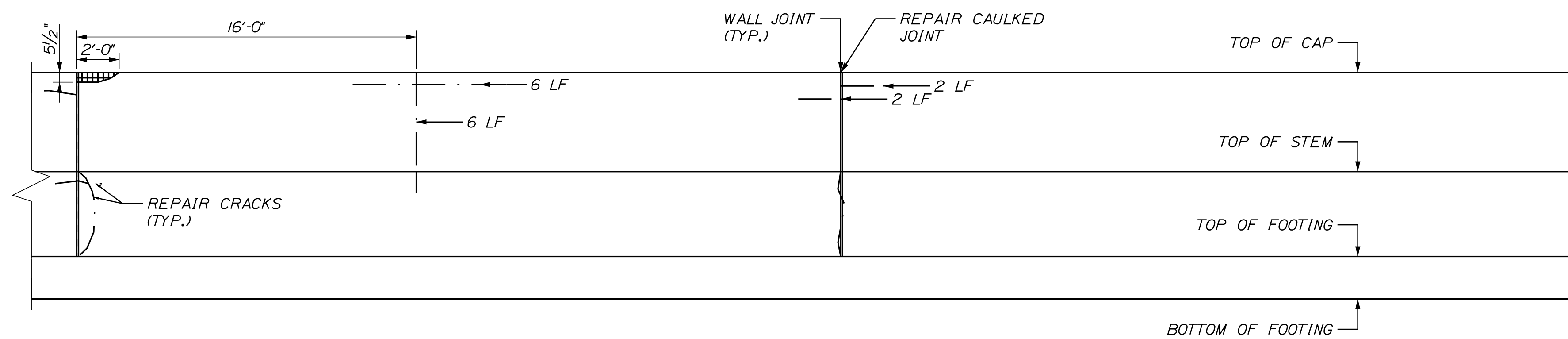
**NOTES:**  
 1. ALL AREAS OF SPALLING, CRACKING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT TIME OF CONSTRUCTION.

**LEGEND**

-  SPALL REPAIR
-  DELAMINATION REPAIR
-  CRACK REPAIR



**PLAN**  
 SCALE: 1/4" = 1'-0"



**ELEVATION**  
 SCALE: 1/4" = 1'-0"

STATE OF MAINE  
 TOWN OF WELLS

MUNICIPAL

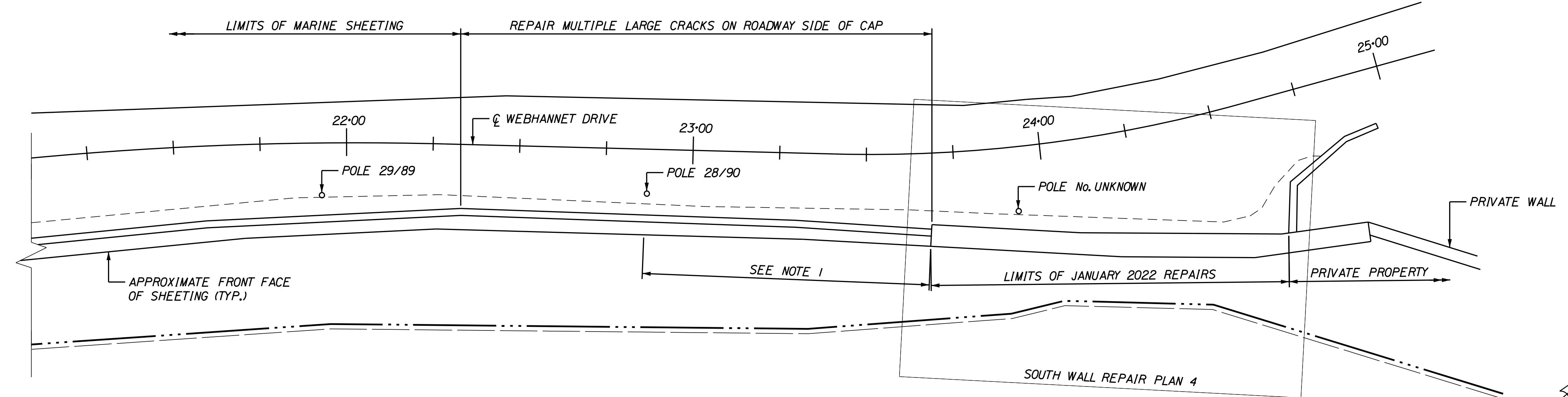
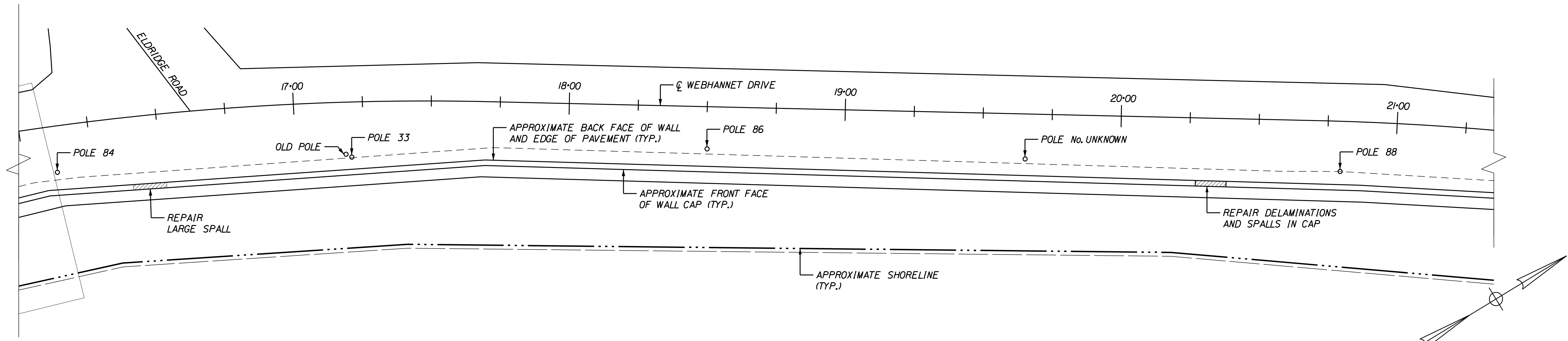
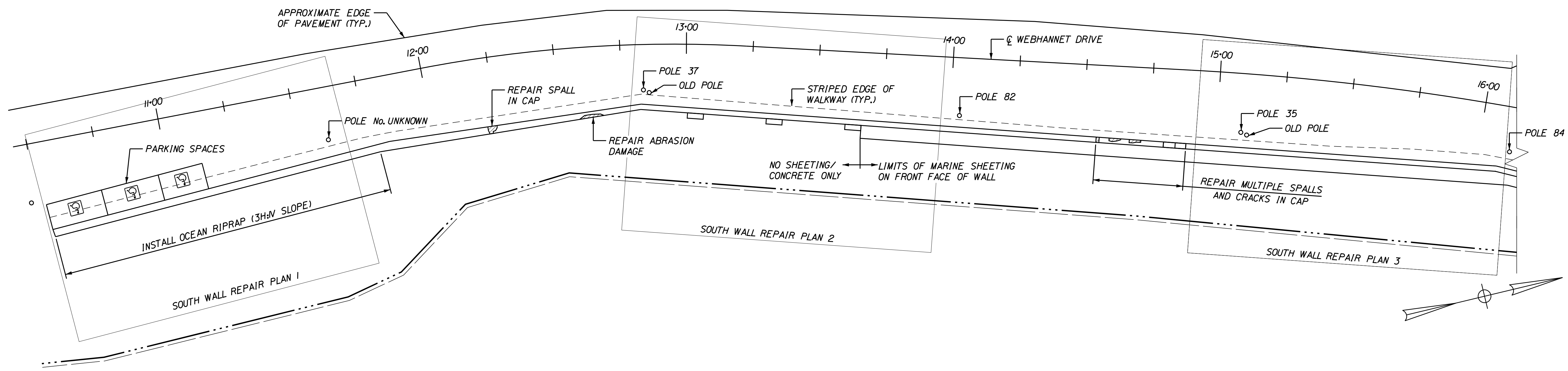
PROJ. MANAGER	M. RICCARDI	BY	DATE
DESIGN-DETAILED	T. RANEY	CHECKED-REVIEWED	R. CAUBREAL
DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES			

WEBHANNET DRIVE  
 YORK  
 TOWN OF WELLS  
 NORTH WALL  
 REPAIR PLAN 4

SHEET NUMBER

7





- NOTES:**
1. THE REGION OF THE WALL BETWEEN THE LIMITS OF THE JANUARY 2022 EMERGENCY REPAIRS TO THE APPROXIMATE LOCATION NEAR POLE 28 / 90 CONSISTS OF SEVERELY DETERIORATED STEEL SHEETING WITH LARGE VOIDS BEHIND THE SHEETING. REMOVE THE LOWER CONCRETE CAP AT SHEETING LEVEL AND POUR NEW CONCRETE BEHIND THE SHEETING UP TO THE ORIGINAL LOWER CAP ELEVATION TO ARREST CONTINUED ROADWAY DESTABILIZATION. SEE SOUTH WALL TYPICAL CROSS SECTION ON SHEET 15
  2. ALL LOCATIONS AND REPAIR AREAS SHOWN ARE APPROXIMATE. ALL AREAS OF SPALLING, CRACKING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT THE TIME OF CONSTRUCTION.

**SOUTH WALL KEY PLAN**  
HORIZONTAL SCALE: 1" = 20'-0"

STATE OF MAINE		TOWN OF WELLS		MUNICIPAL	
PROJ. MANAGER	M. RICCARDI	BY		DATE	
DESIGN DETAILED	T. RANEY	CHECKED/REVIEWED	R. CAUBREAL	SIGNATURE	
DESIGNS DETAILED		REVISIONS 1		P.E. NUMBER	
		REVISIONS 2		DATE	
		REVISIONS 3			
		REVISIONS 4			
		FIELD CHANGES			
WEBHANNET DRIVE		YORK		SOUTH WALL KEY PLAN	
TOWN OF WELLS		SHEET NUMBER		8	
				OF 15	

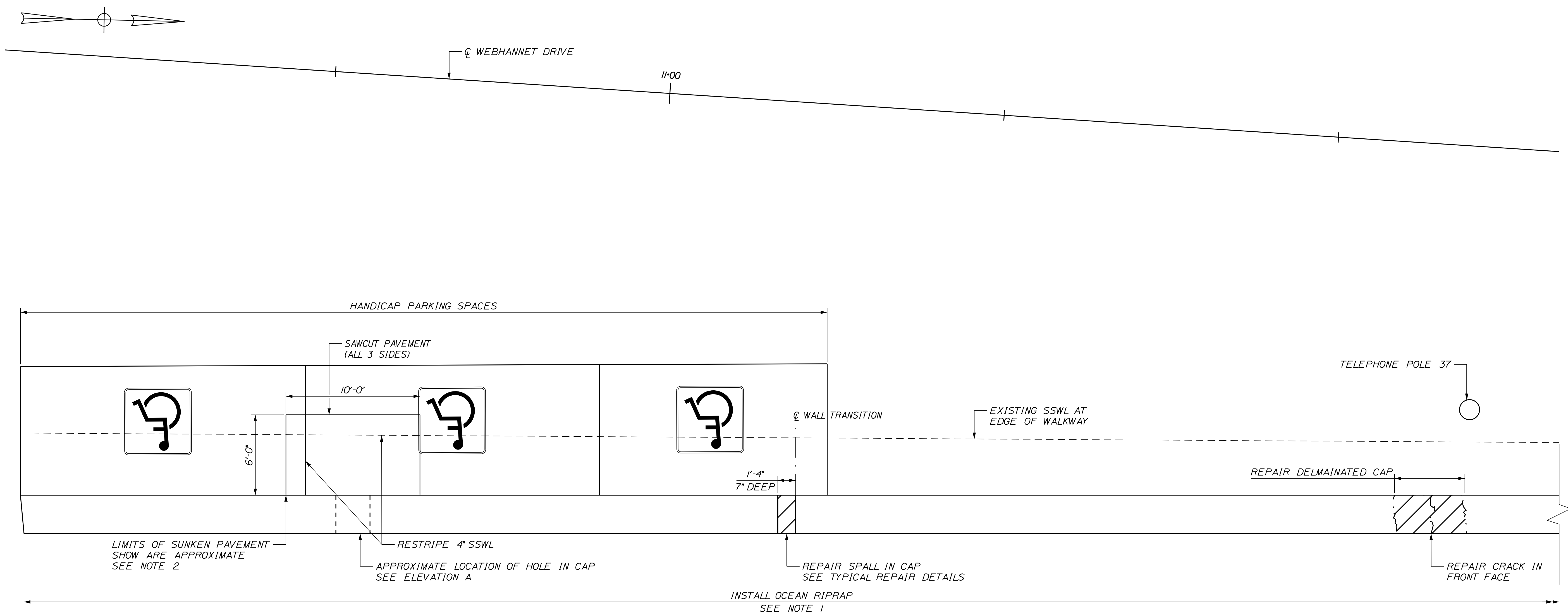


Date: 7/17/2023

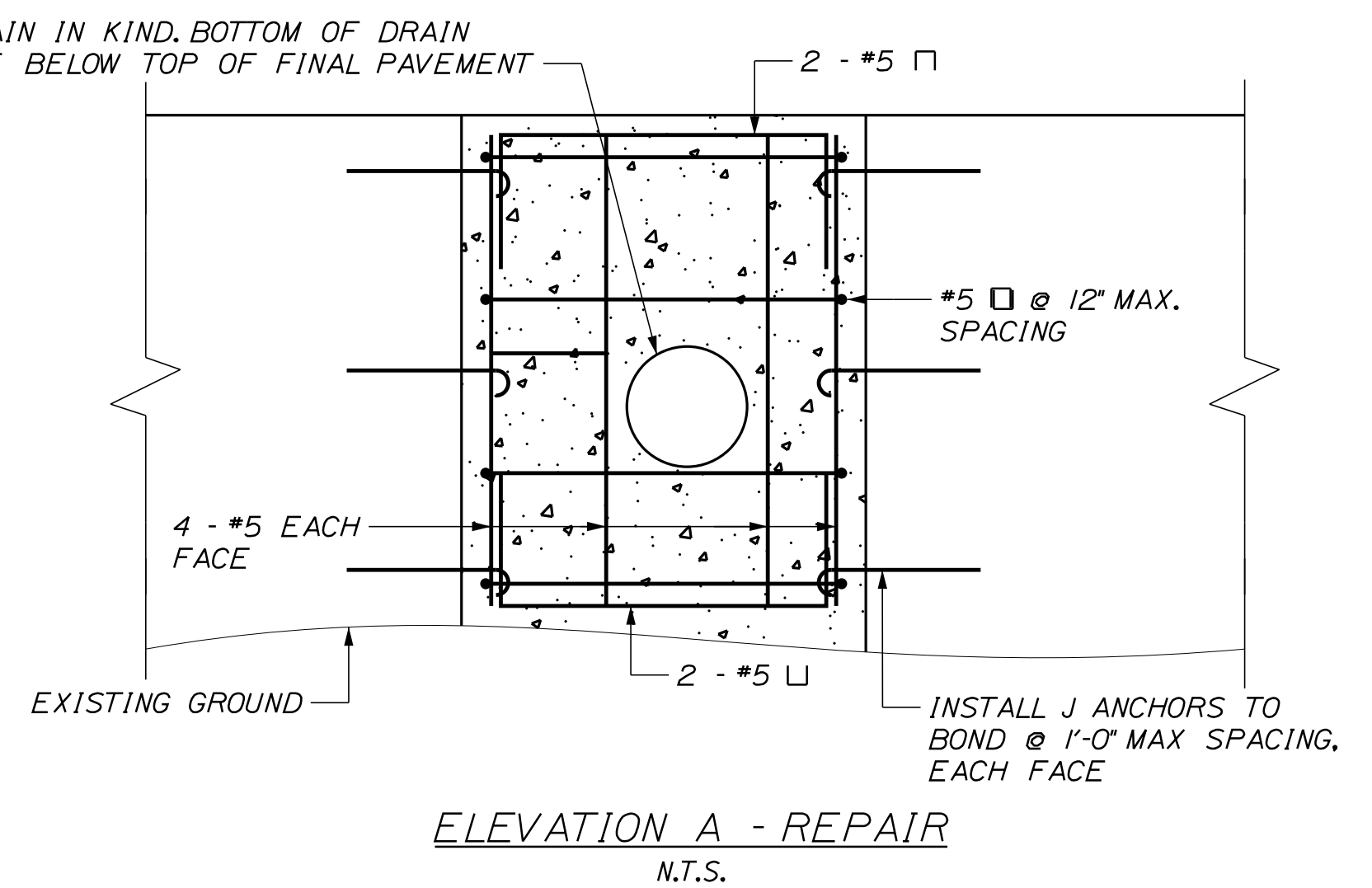
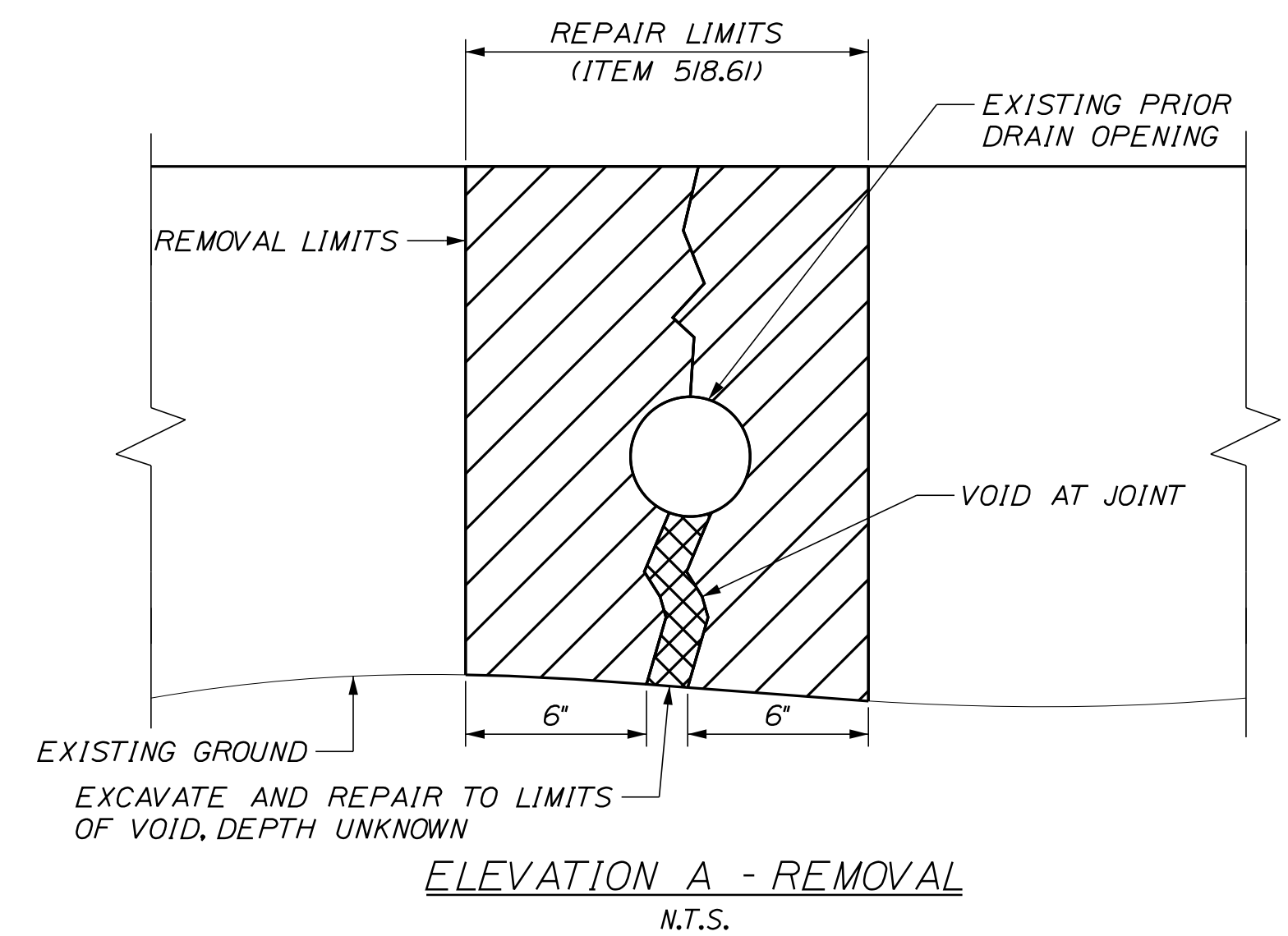
Username: ktrittrede

Division: BRIDGE

Filename: ... \Sheets\009\_South Plan Cuts.dgn



PLAN  
SCALE: 1/4" = 1'-0"



- NOTES:
- OCEAN RIPRAP SHALL BE RIPRAP SUITABLE FOR MARINE ENVIRONMENTS AND SHALL BE PLACED TO PRODUCE AN APPROXIMATE 3H:1V SLOPE. SEE SUPPLEMENTAL SPECIFICATIONS.
  - PAVEMENT SHALL BE SAW CUT SQUARE TO 1'-0" BEYOND THE LIMITS OF UNDERMINED, SUNKEN PAVEMENT. FILL AREA WITH AGGREGATE SUBBASE MATERIAL AND REPAVE. RESTRIPE BOTH THE PARKING SPACE LINES AND WALKWAY LINE. IF DETERIORATION EXTENDS INTO THE HANDICAP PAVEMENT MARKING, THE PAVEMENT MARKING SHALL BE REMARKED UPON COMPLETION OF PAVING OPERATIONS.
  - ALL AREAS OF SPALLING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT TIME OF CONSTRUCTION.

STATE OF MAINE TOWN OF WELLS		MUNICIPAL	
PROJ. MANAGER	M. RICCARDI	BY	
DESIGN-DETAILED	T. RANEY	DATE	
CHECKED-REVIEWED	R. CAUBREAL	SIGNATURE	
DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
WEBHANNET DRIVE		YORK	
TOWN OF WELLS		SOUTH WALL REPAIR PLAN 1	
SHEET NUMBER			
9			
OF 15			

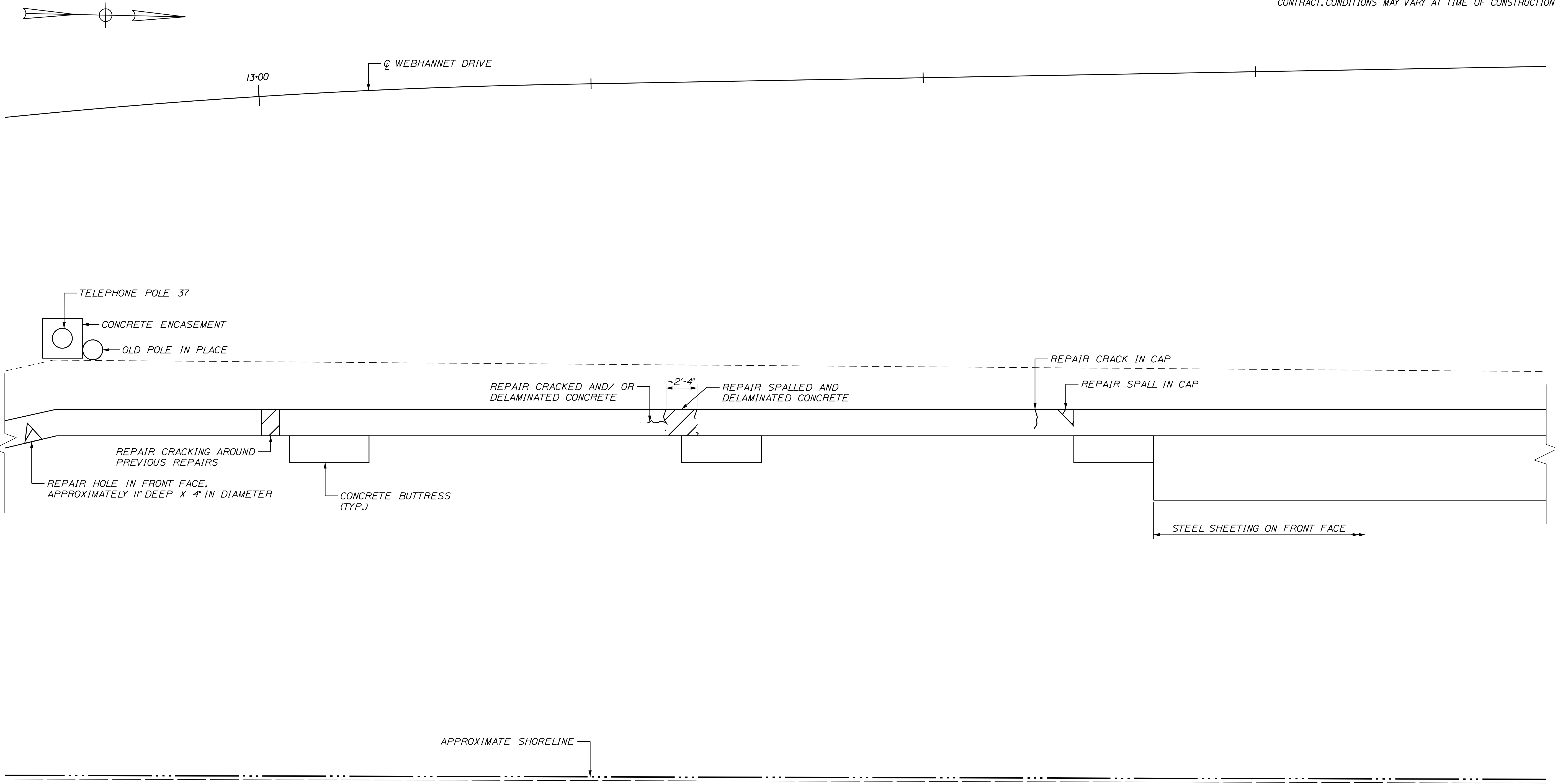
Date: 7/17/2023

Username: krittredge

Division: BRIDGE

Filename: ... \Sheets\009\_South Plan Cuts.dgn

NOTES:  
1. ALL AREAS OF SPALLING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT TIME OF CONSTRUCTION.

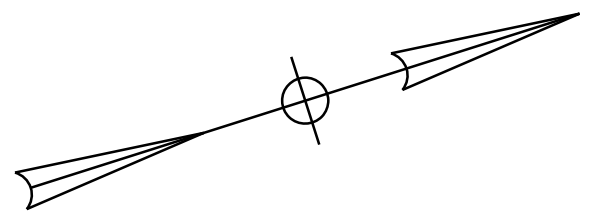


PLAN  
SCALE: 1/4" = 1'-0"

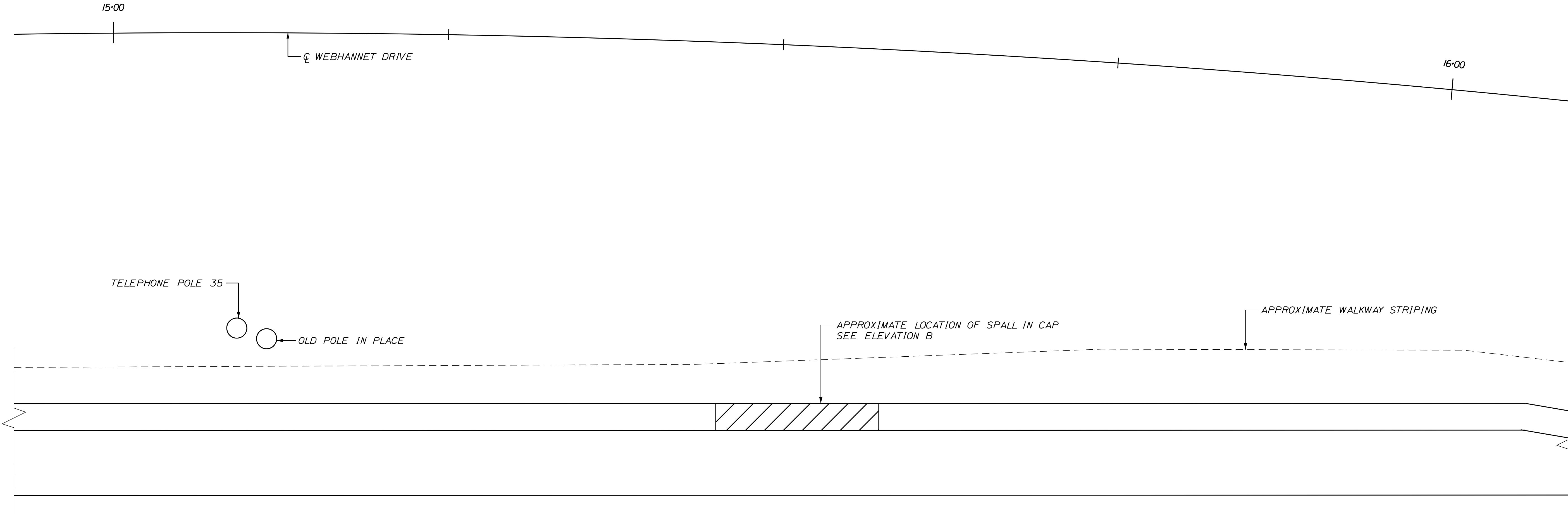
STATE OF MAINE TOWN OF WELLS		MUNICIPAL	
WEBHANNET DRIVE		YORK	
TOWN OF WELLS		SOUTH WALL REPAIR PLAN 2	
SHEET NUMBER			
10			
OF 15			

PROJ. MANAGER	M. RICCARDI	BY	DATE
DESIGN DETAILED	T. RANEY		
CHECKED-REVIEWED	R. CAUBREAU	SIGNATURE	
DESIGN DETAILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

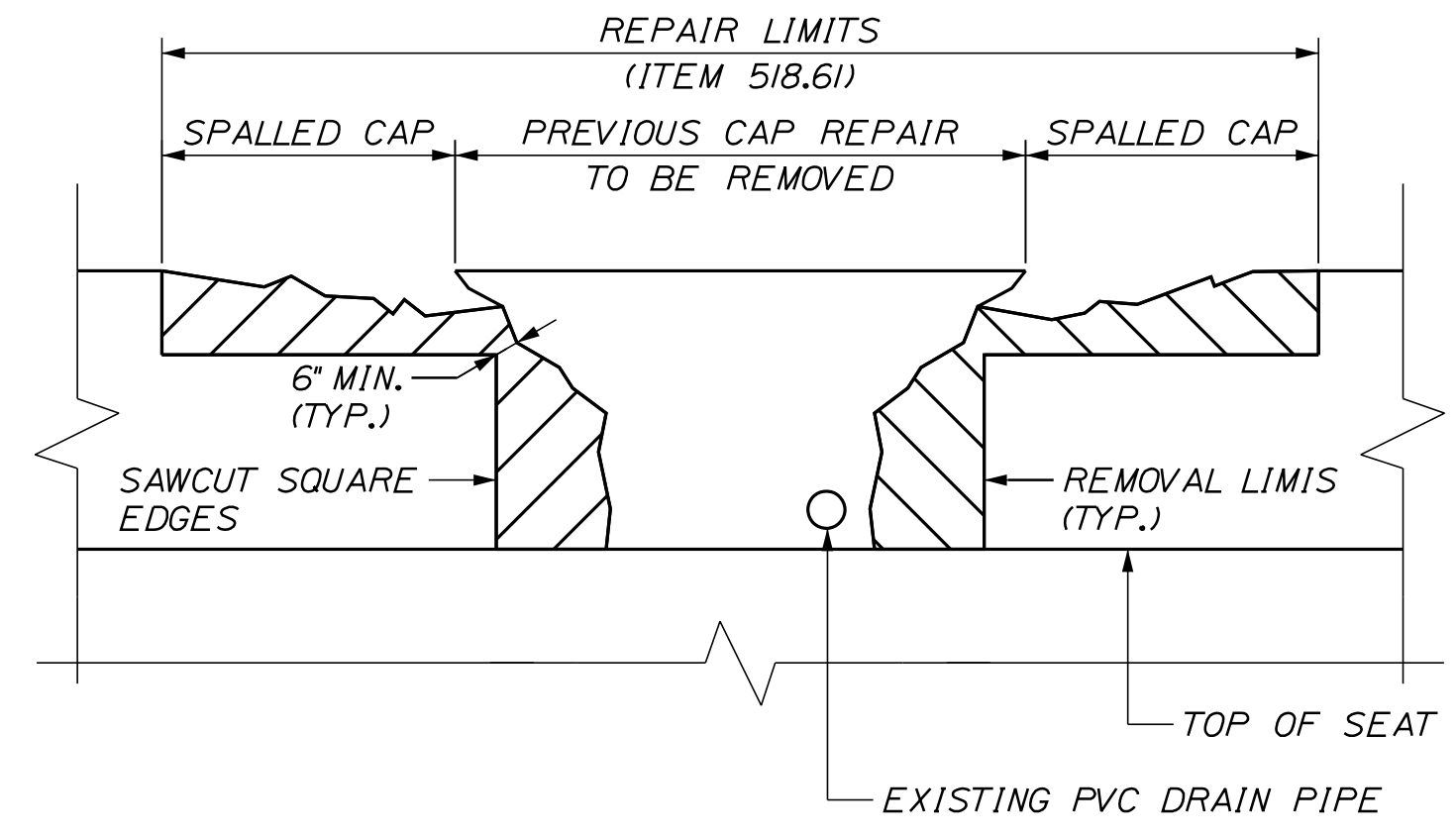
Filename: ... \Sheets\009\_South Plan Cuts.dgn    Division: BRIDGE    Username: kittedge    Date: 7/17/2023



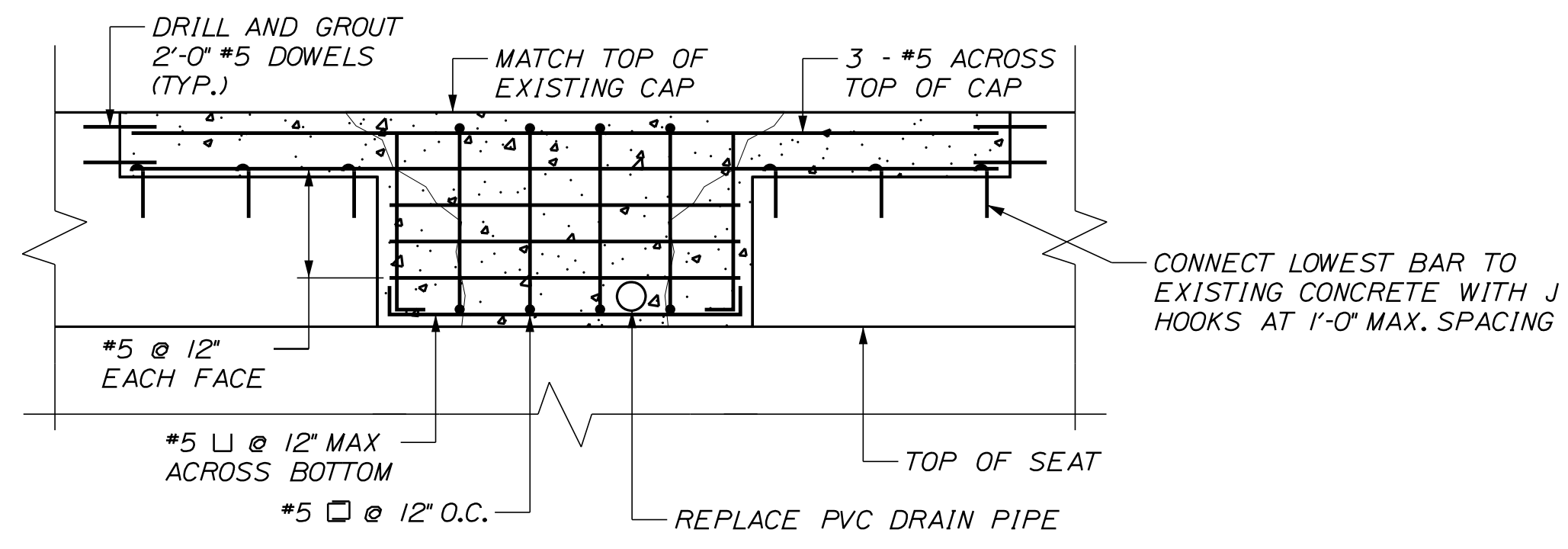
- NOTES:
1. ALL AREAS OF SPALLING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT TIME OF CONSTRUCTION.
  2. COVER IN REPAIR AREA SHOWN IN ELEVATION B SHALL BE 3" ON EXPOSED FACES AND 2" ELSEWHERE.



PLAN  
SCALE: 1/4" = 1'-0"



ELEVATION B REMOVAL  
N.T.S.



ELEVATION B REPAIR  
N.T.S.

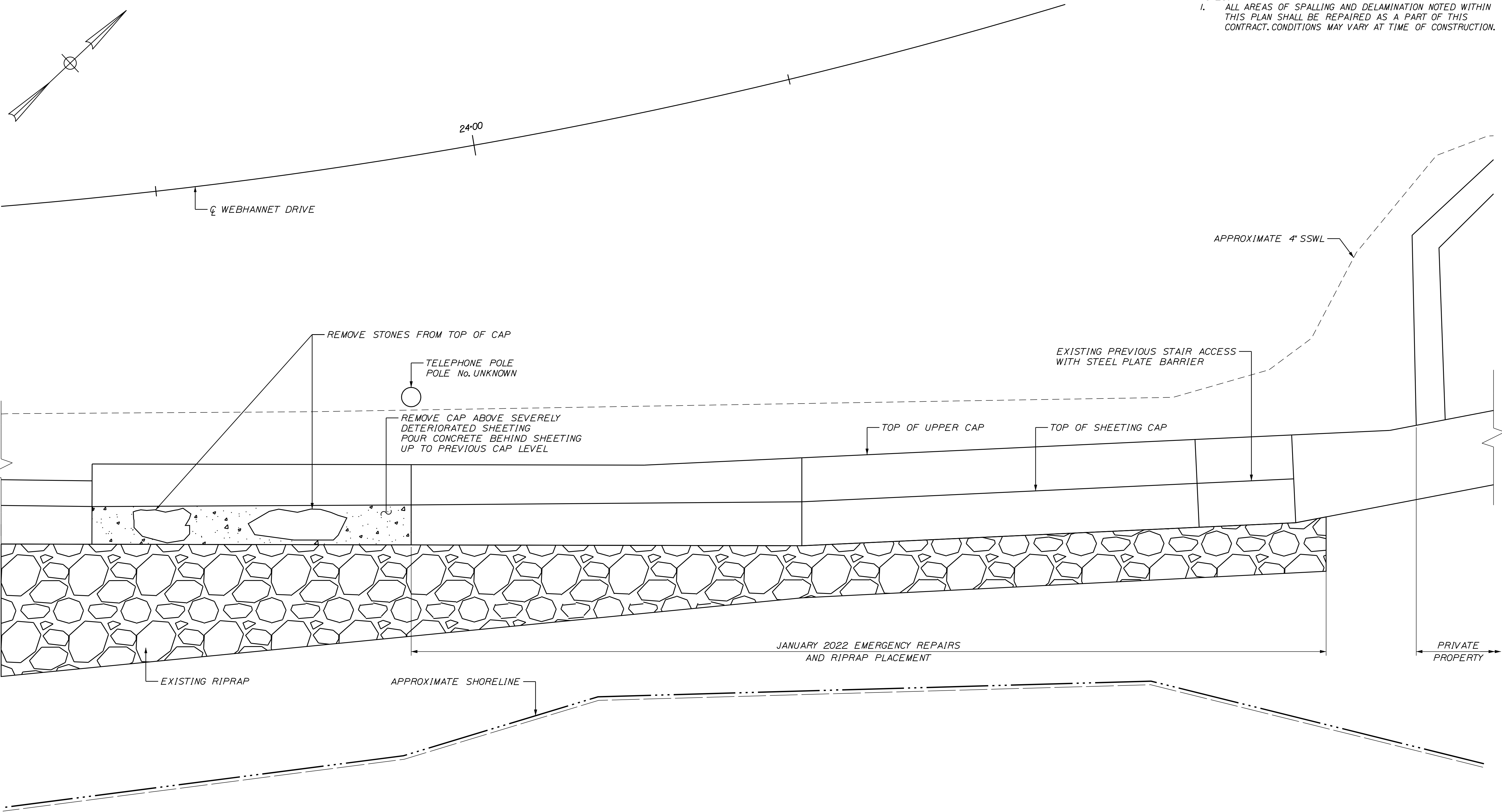
STATE OF MAINE		TOWN OF WELLS		MUNICIPAL	
PROJ. MANAGER	M. RICCARDI	BY	DATE	SIGNATURE	DATE
DESIGN DETAILED	T. RANEY	CHECKED/REVIEWED	R. CAUBREAL	P.E. NUMBER	
DESIGNS DETAILED		DESIGNS DETAILED		DATE	
REVISIONS 1		REVISIONS 1			
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					
WEBHANNET DRIVE		YORK		SOUTH WALL REPAIR PLAN 3	
TOWN OF WELLS		SHEET NUMBER			
		11			
		OF 15			

Date: 7/17/2023

Username: kittedge

Division: BRIDGE

Filename: ... \Sheets\009\_South Plan Cuts.dgn

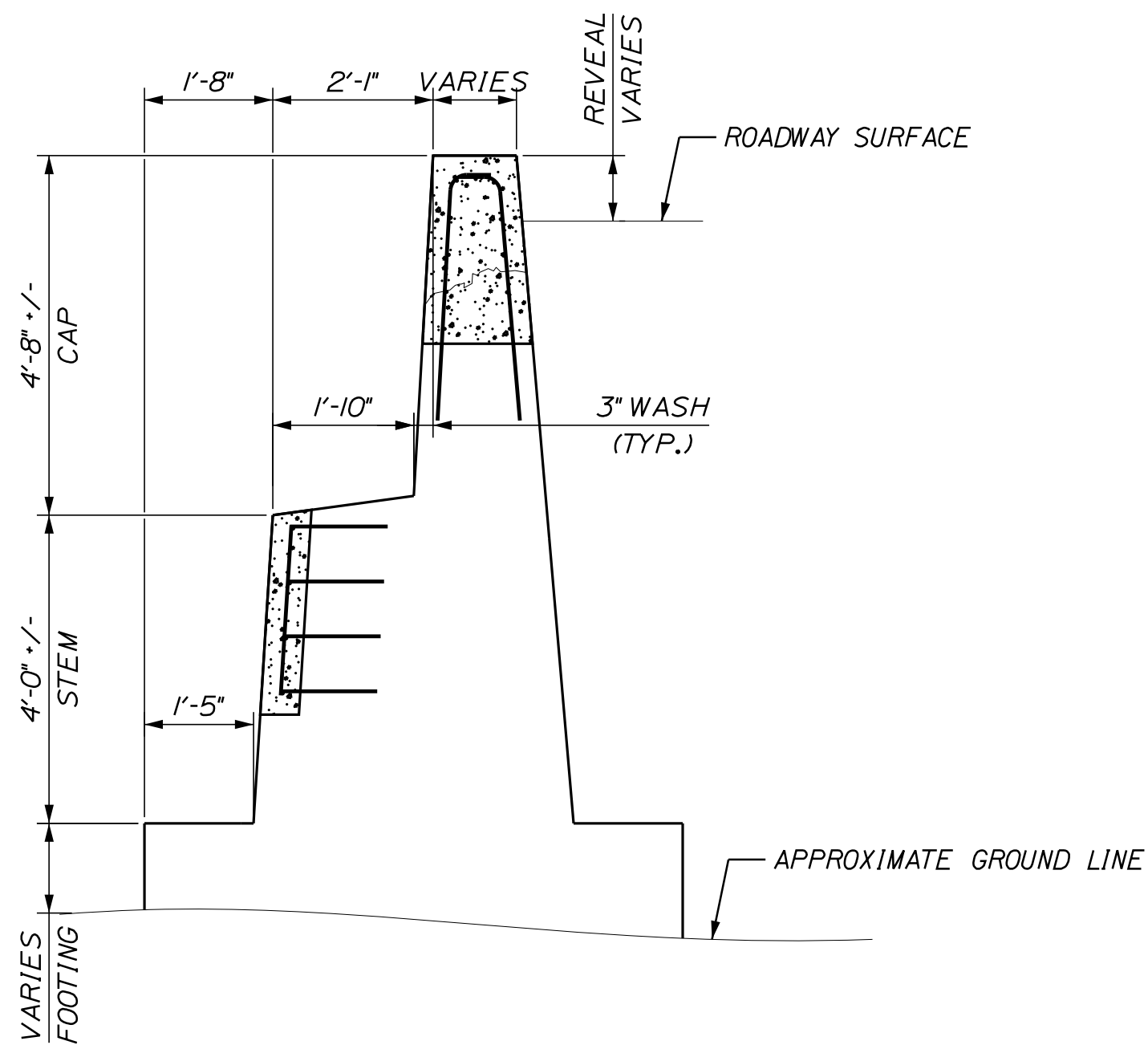


NOTES:  
 1. ALL AREAS OF SPALLING AND DELAMINATION NOTED WITHIN THIS PLAN SHALL BE REPAIRED AS A PART OF THIS CONTRACT. CONDITIONS MAY VARY AT TIME OF CONSTRUCTION.

PLAN  
 SCALE: 1/4" = 1'-0"

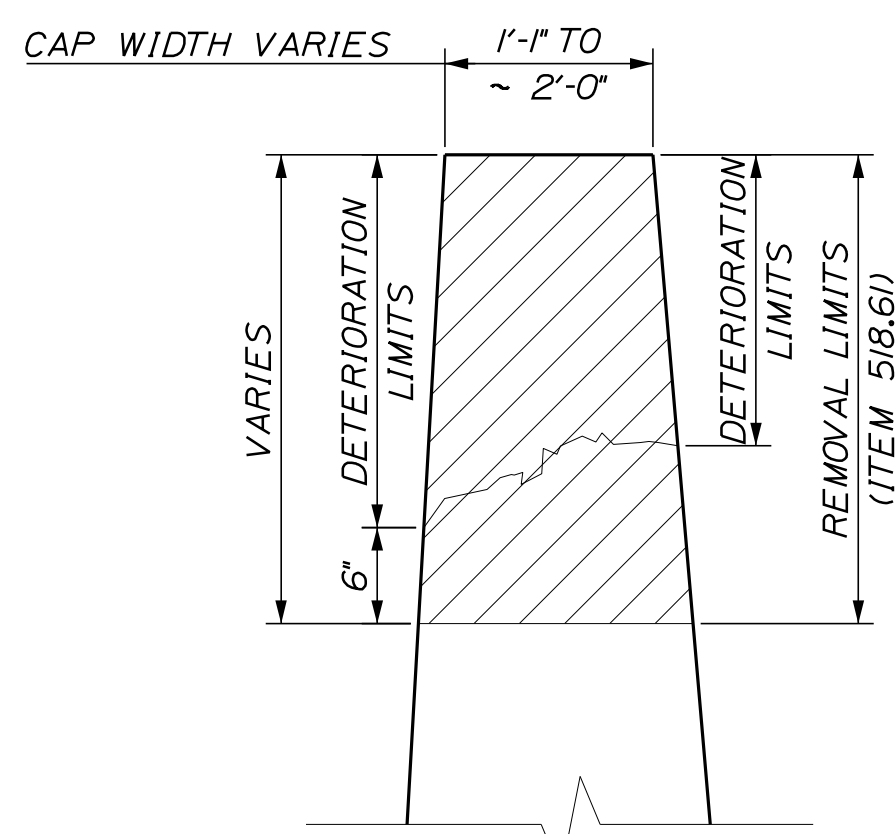
STATE OF MAINE TOWN OF WELLS		MUNICIPAL	
WEBHANNET DRIVE TOWN OF WELLS	YORK	SOUTH WALL REPAIR PLAN 4	
SHEET NUMBER		DATE	
12		DATE	
OF 15		DATE	

PROJ. MANAGER	M. RICCARDI	BY	DATE
DESIGN DETAILED	T. RANEY		
CHECKED/REVIEWED	R. CAUBREAL		
DESIGN DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			



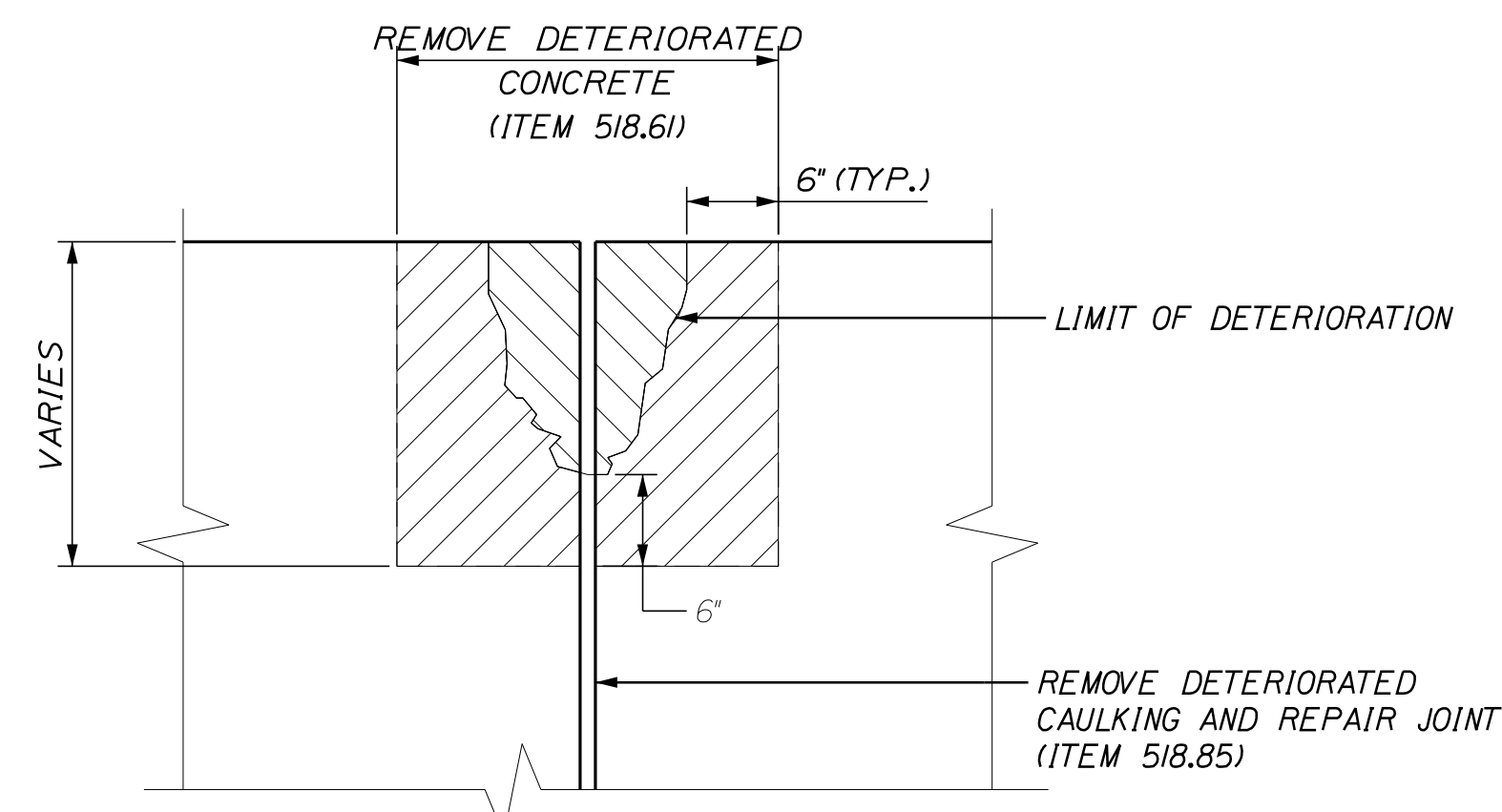
ASSUMED NORTH WALL TYPICAL SECTION

SCALE: 1/2" = 1'-0"  
(GEOMETRY OF WALL IS UNKNOWN)



CAP REPAIR  
REMOVAL LIMITS

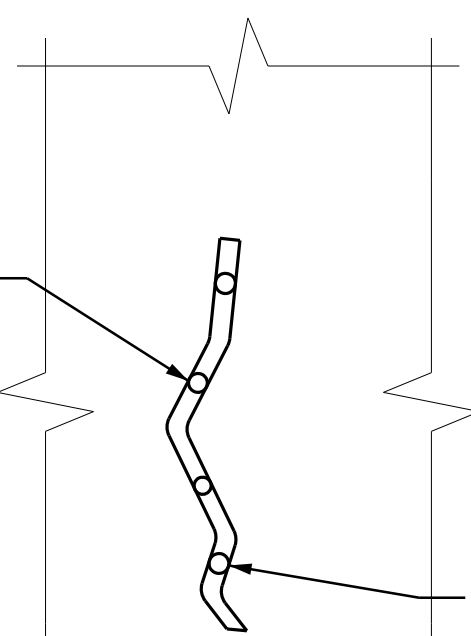
SCALE: 1" = 1'-0"



JOINT CONCRETE REPAIR  
REMOVAL LIMITS

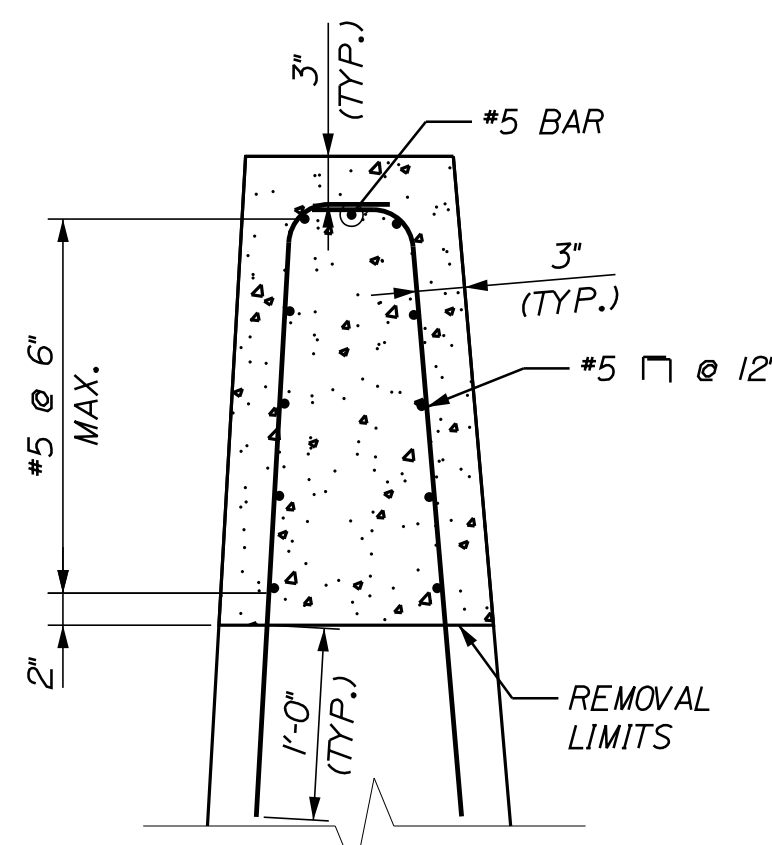
SCALE: 1" = 1'-0"

CLEAN CRACK, INSTALL INJECTION PORTS, SEAL SURFACE OF CRACK BETWEEN PORTS WITH EPOXY RESIN GEL & CURED HARD BEFORE INJECTION OF GROUTING RESIN

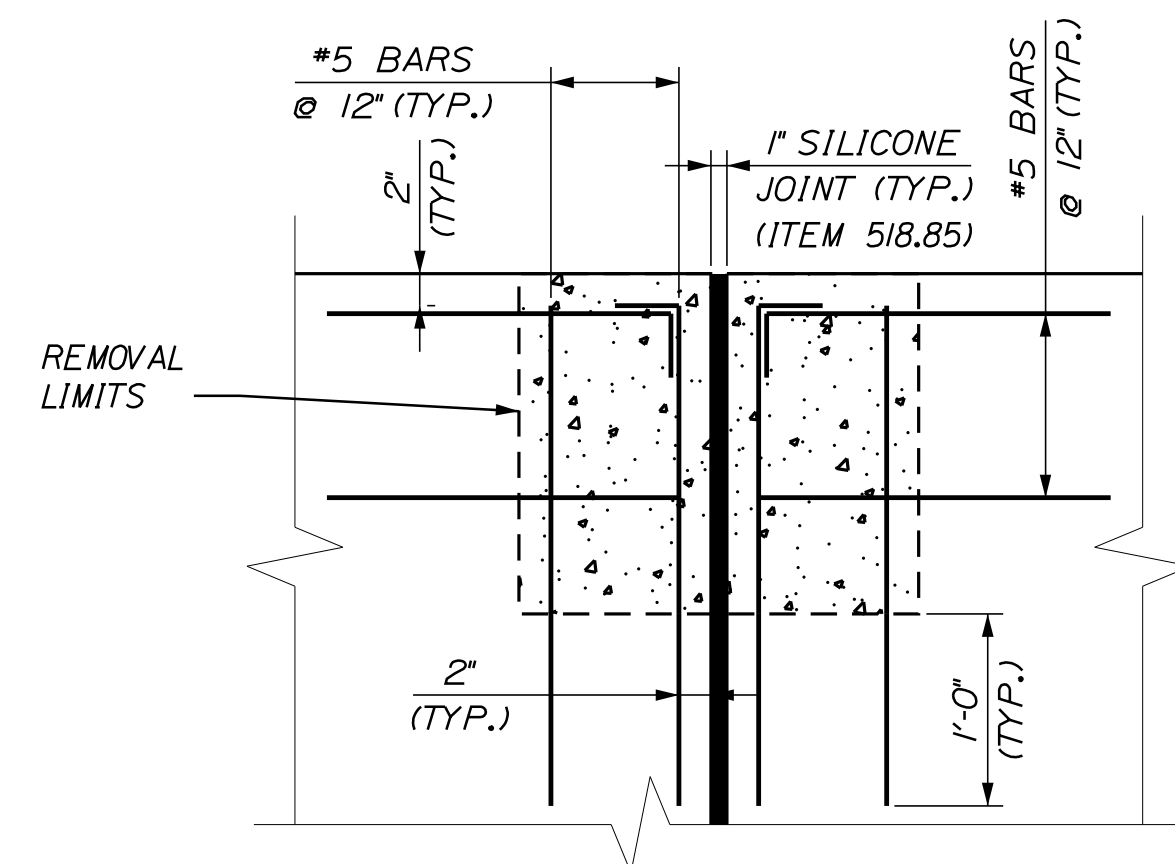


CRACK REPAIR  
N.T.S.

INJECTION PORT. INJECT LOW VISCOSITY EPOXY GROUT RESIN THROUGH PORTS AT LOW PRESSURE AND PROPER TEMPERATURE



CAP REPAIR  
SCALE: 1" = 1'-0"

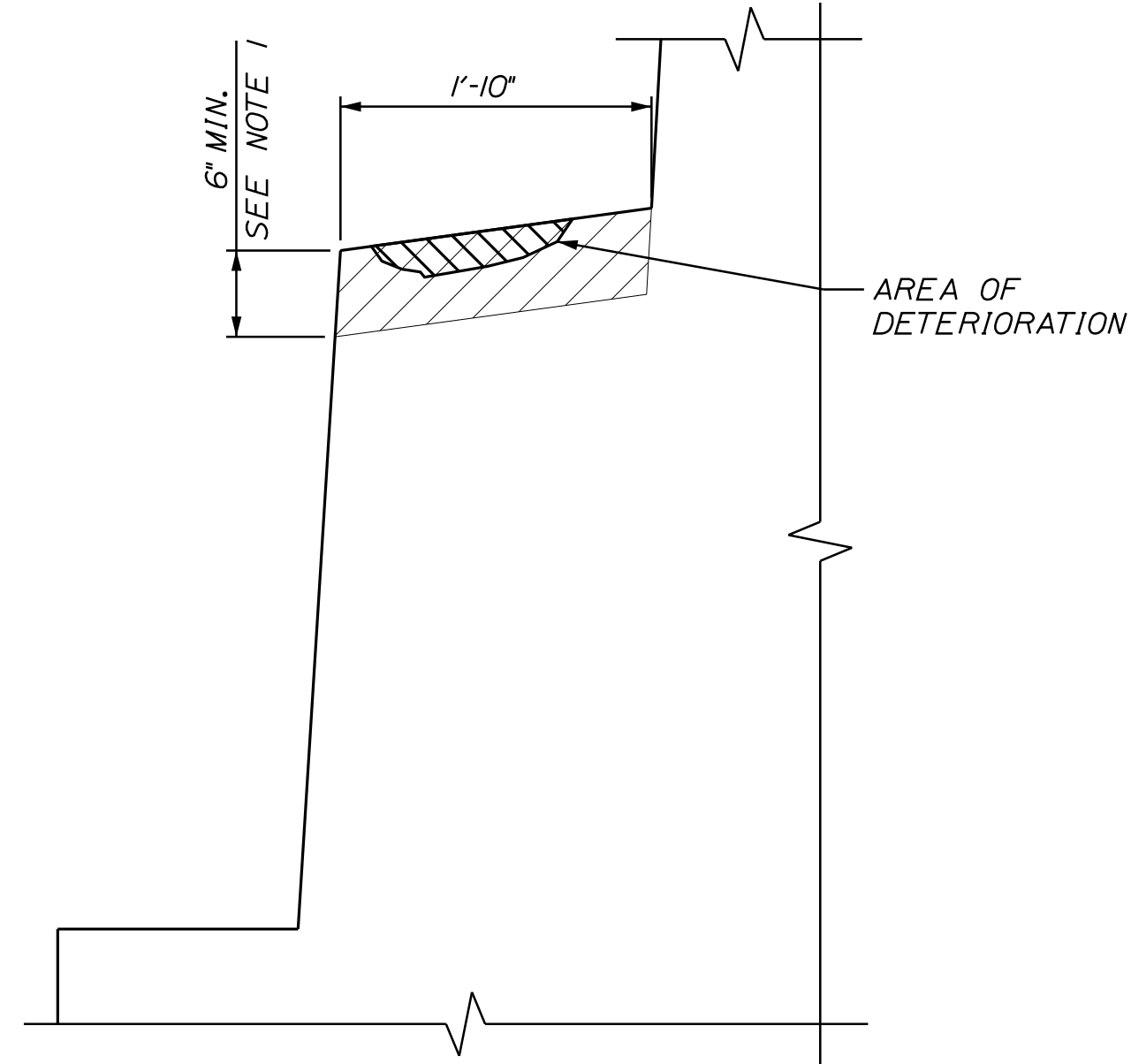


JOINT REPAIR  
SCALE: 1" = 1'-0"

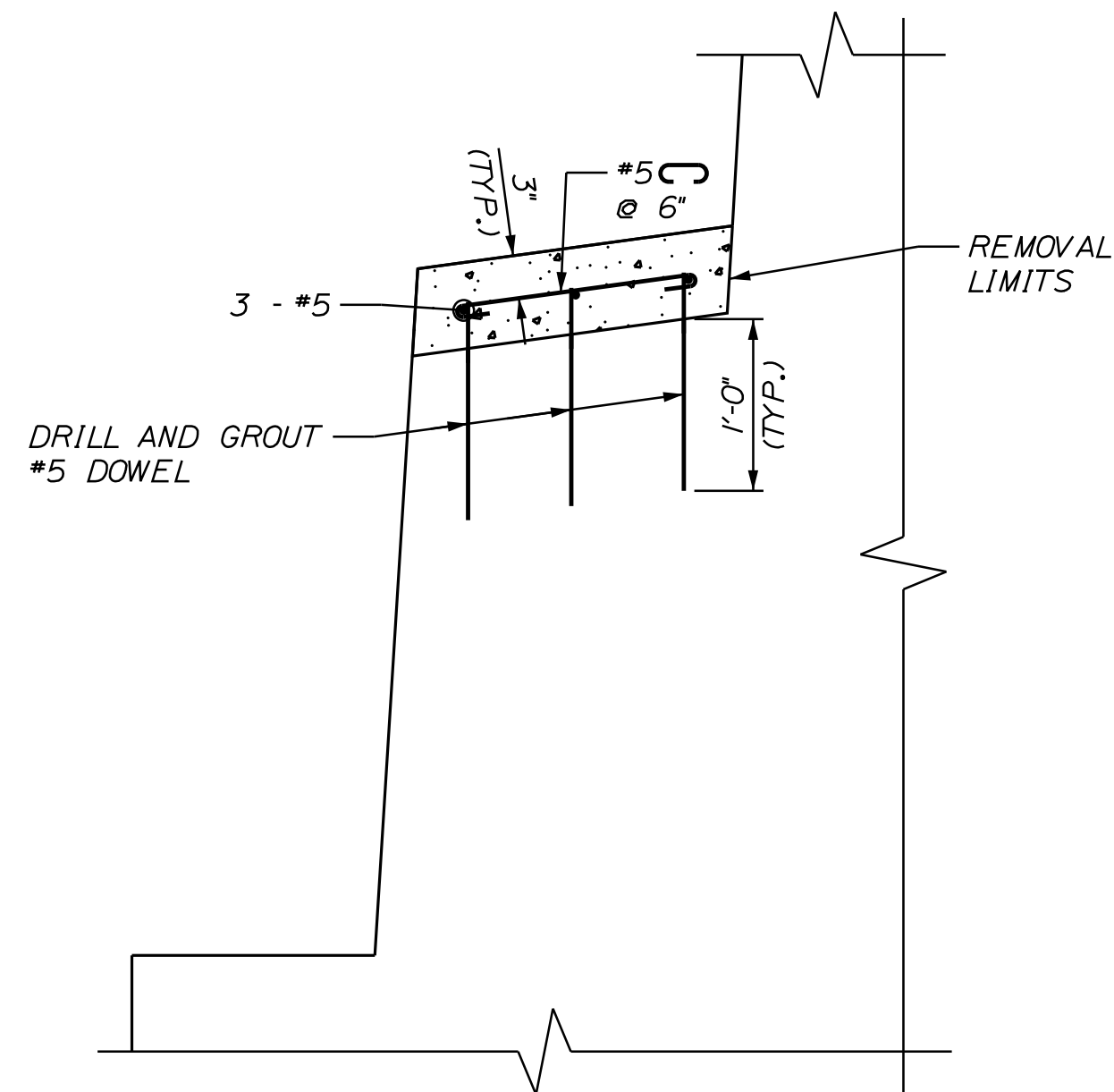
REPAIR NOTES:

1. NORTH SEAWALL SHOWN, SOUTH SEAWALL CAP REPAIRS ARE SIMILAR WITH VARIABLE WALL GEOMETRY.
2. REMOVE ALL DETERIORATED CONCRETE. REINFORCEMENT SHALL BE PLACED AT A MAXIMUM SPACING OF 12" FOR BOTH HORIZONTAL AND VERTICAL BARS. ALL BARS SHALL BE DOWELED 12" INTO SOUND CONCRETE AND GROUTED AS SHOWN ON THE PLANS.
3. REPLACE JOINT MATERIAL BETWEEN WALL SECTIONS IF EXISTING JOINT IS MISSING, DETERIORATED OR DAMAGED.

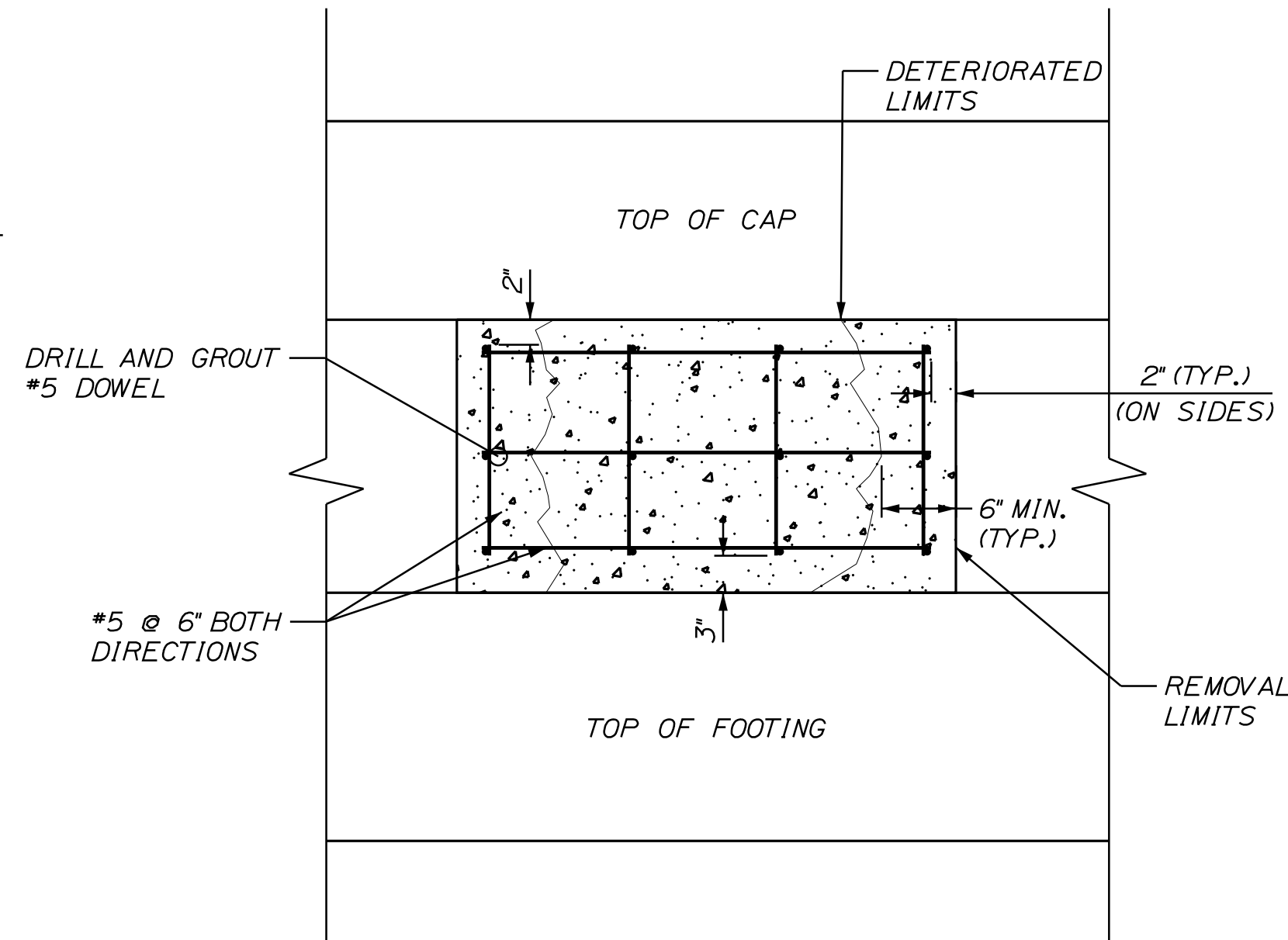
STATE OF MAINE		TOWN OF WELLS		MUNICIPAL	
WEBHANNET DRIVE		YORK		REPAIR DETAILS 1 OF 2	
TOWN OF WELLS		SHEET NUMBER		13	
REPAIR DETAILS 1 OF 2		OF 15			
PROJ. MANAGER	M. RICCARDI	BY		DATE	
DESIGN-DETAILED	T. RANEY	CHECKED-REVIEWED	R. CAUBREAL	SIGNATURE	
DESIGN-DETAILED		DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					



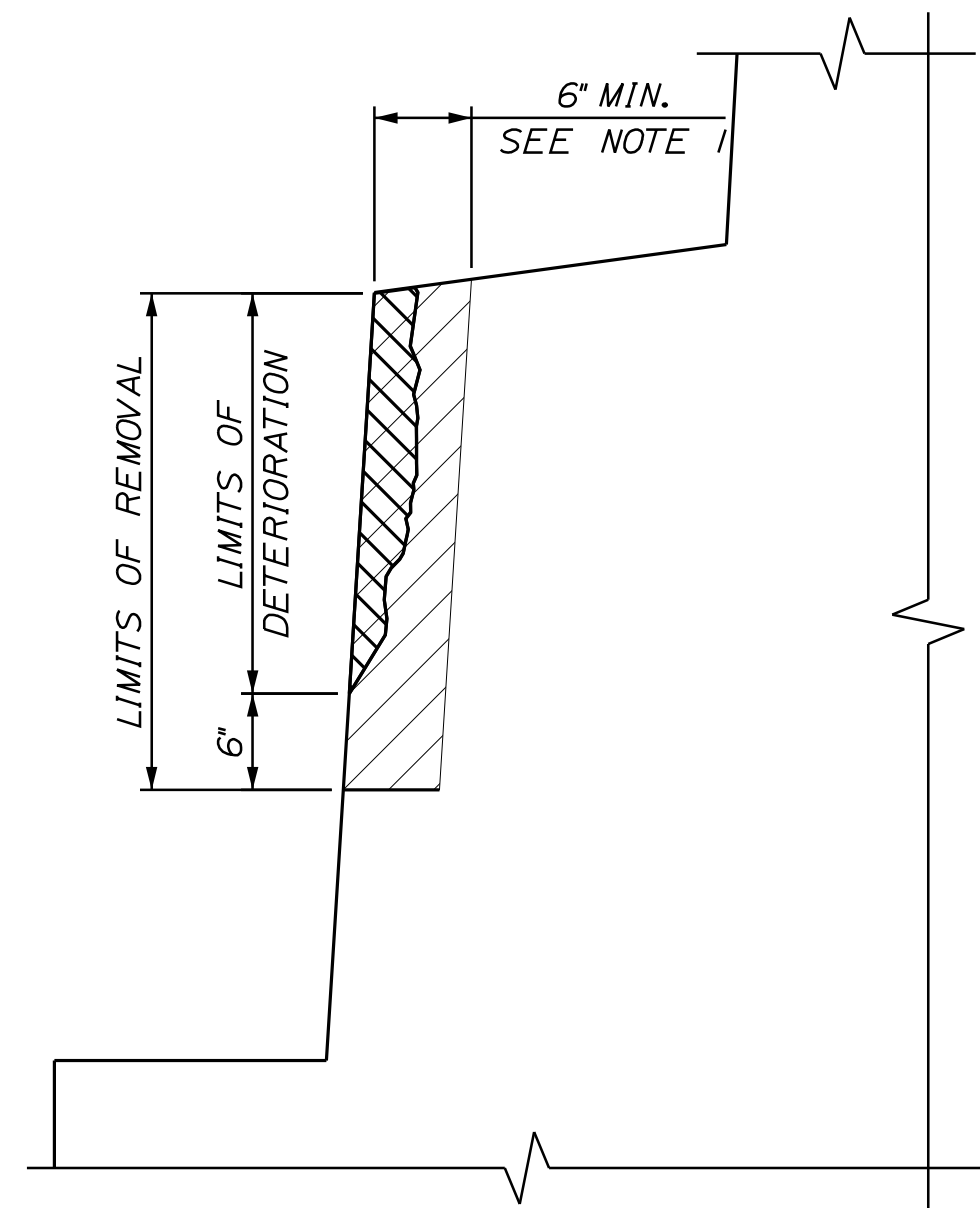
TYPICAL STEM SEAT REMOVAL  
SCALE: 1" = 1'-0"



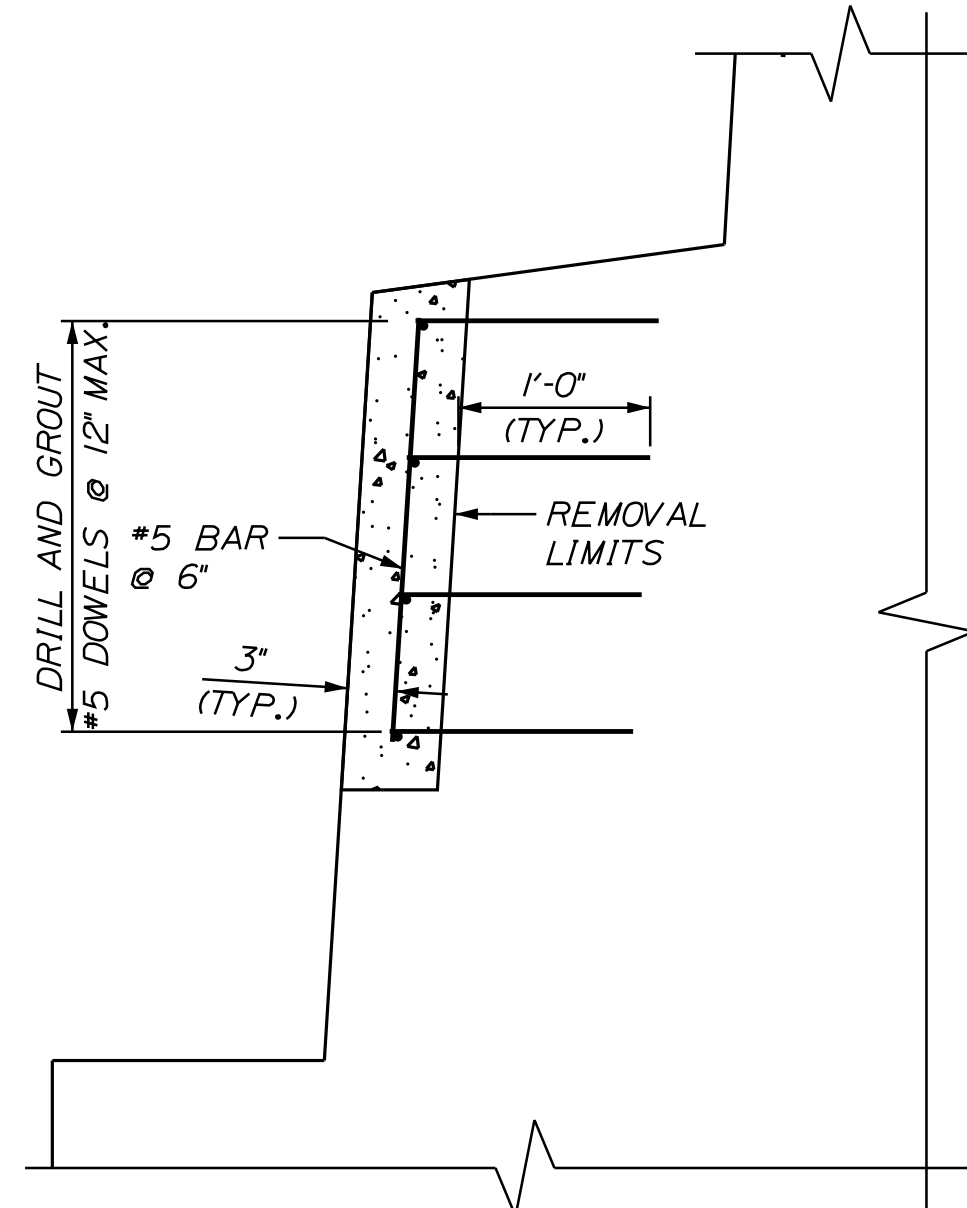
TYPICAL STEM SEAT REPAIR  
SCALE: 1" = 1'-0"



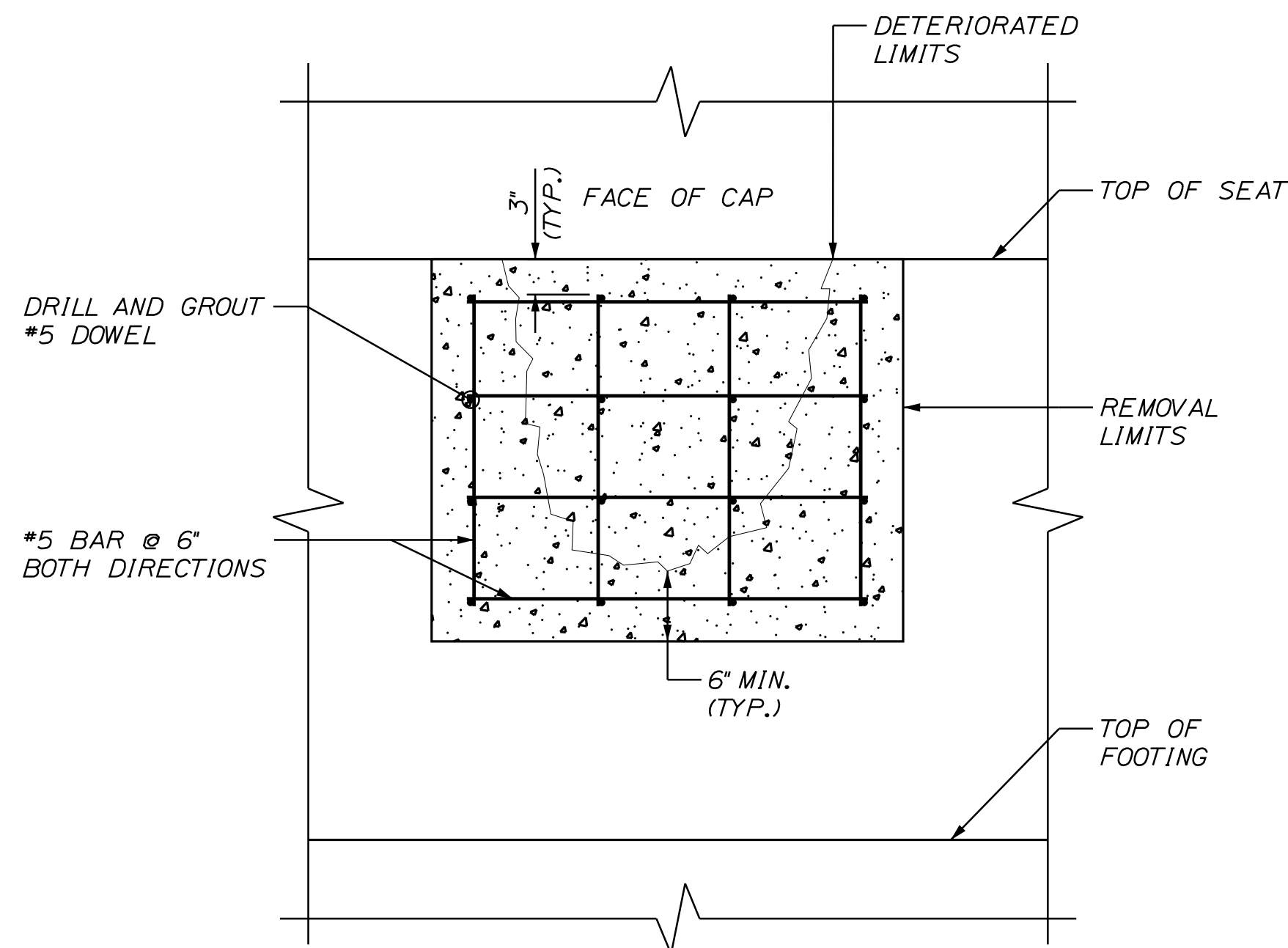
TYPICAL STEM SEAT REPAIR  
SCALE: 1" = 1'-0"



TYPICAL STEM FACE REMOVAL  
SCALE: 1" = 1'-0"



TYPICAL STEM FACE REPAIR  
SCALE: 1" = 1'-0"

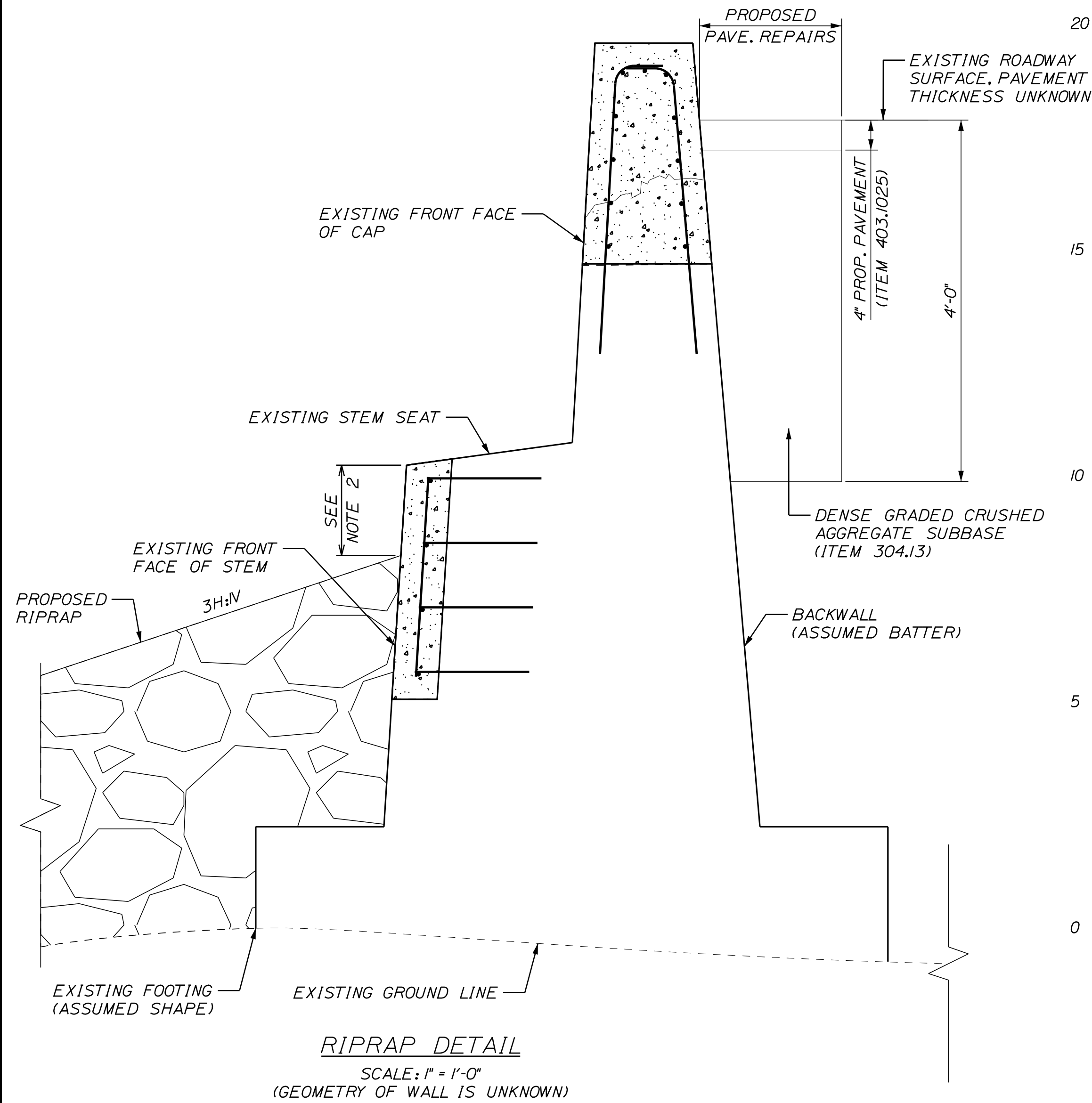


TYPICAL STEM FACE REPAIR  
SCALE: 1" = 1'-0"

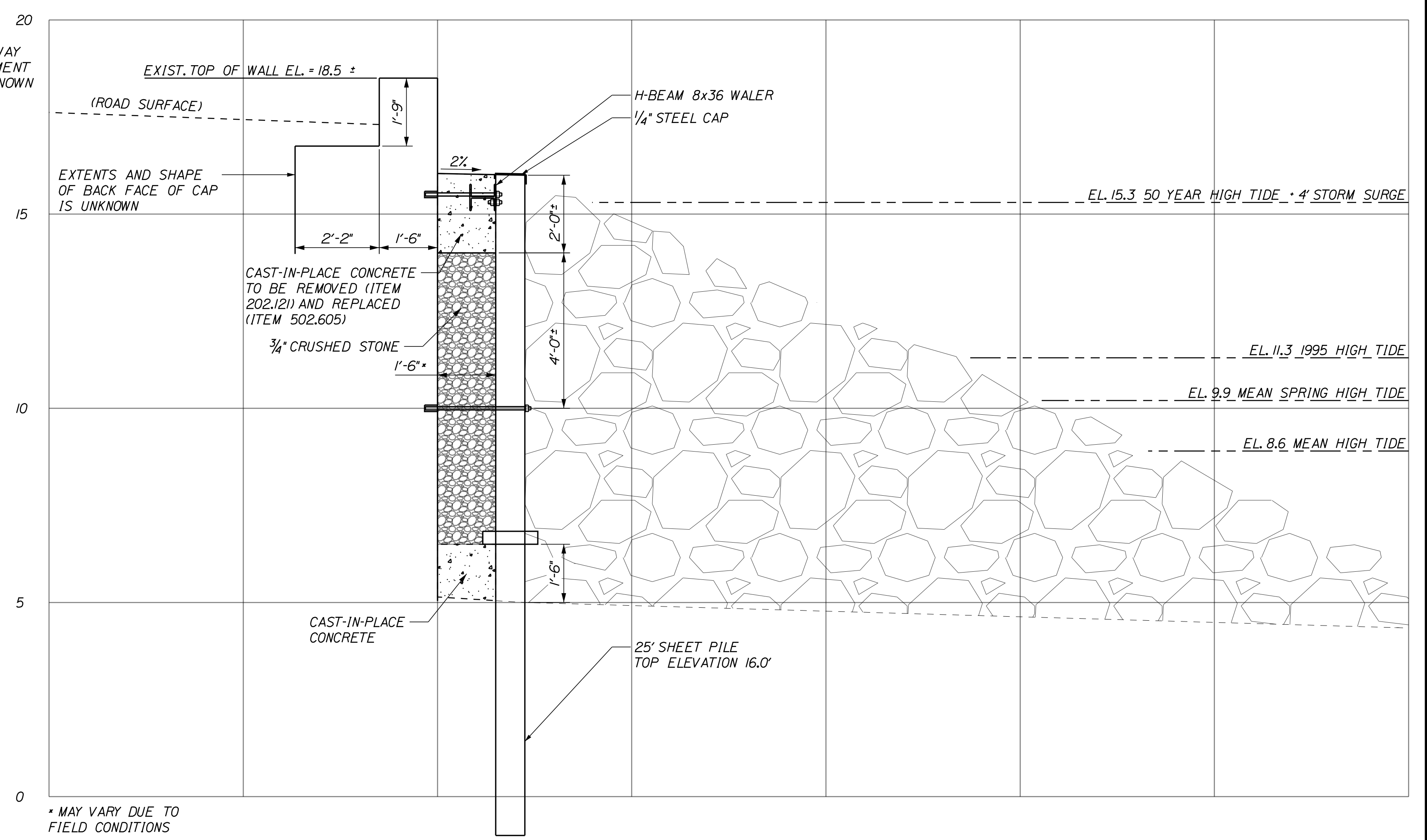
NOTES:

1. REMOVAL OF CONCRETE SHALL EXTEND 6" IN DEPTH OR TO SOUND CONCRETE, WHICHEVER IS GREATER.
2. REMOVAL PLAN AREAS SHALL EXTEND 6" MIN. BEYOND DETERIORATED AREAS.
3. ALL REMOVAL AREAS SHALL BE RECTANGULAR IN SHAPE.
4. DOWELS SHALL BE DRILLED AND GROUTED A MINIMUM OF 1'-0" BEYOND THE LIMITS OF CONCRETE REMOVAL. DRILLING AND GROUTING SHALL BE INCIDENTAL TO ITEM 503.27. DOWELS FOR SEAT AND STEM FACE REPAIRS MAY BE REPLACED BY A 1'-0" GRID OF J ANCHORS IF DESIRED BY THE CONTRACTOR, WITH APPROVAL OF THE CHOSEN PRODUCT BY THE ENGINEER. NO ADDITIONAL PAYMENT SHALL BE MADE.
5. EXISTING REINFORCEMENT NOT SHOWN FOR CLARITY.
6. STEM FACE REPAIR SHALL BE PAID FOR UNDER ITEM 518.60 OR ITEM 518.61 DEPENDING ON THE DEPTH OF REMOVAL. WHERE THE REPAIR DEPTH IS LESS THAN 8" PAYMENT SHALL BE MADE UNDER ITEM 518.60. WHERE THE REPAIR EXTENDS 8" OR GREATER, PAYMENT SHALL BE MADE UNDER ITEM 518.61.

STATE OF MAINE		TOWN OF WELLS		MUNICIPAL	
WEBHANNET DRIVE		YORK		REPAIR DETAILS 2 OF 2	
TOWN OF WELLS		SHEET NUMBER		14	
DATE		BY		SIGNATURE	
M. RICCARDI		T. RANEY		P.E. NUMBER	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED	
DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 2		REVISIONS 3	
REVISIONS 4		REVISIONS 5		REVISIONS 6	
FIELD CHANGES		DATE		DATE	



**RIPRAP DETAIL**  
SCALE: 1" = 1'-0"  
(GEOMETRY OF WALL IS UNKNOWN)



**SOUTH WALL TYPICAL CROSS SECTION**  
SCALE: 1" = 2'-0"  
(DETAIL FROM 2001 REPAIR DRAWINGS)

\* MAY VARY DUE TO FIELD CONDITIONS

**NOTES:**

1. PLACE OCEAN RIPRAP IN AN INTERLOCKING PATTERN TO FORM AN APPROXIMATE 3 HORIZONTAL:1 VERTICAL SLOPE AT LOCATIONS AS DIRECTED BY THE ENGINEER THROUGHOUT THE TOTAL LENGTH OF THE NORTH WALL.
2. RIPRAP SHALL BE PLACED ALONG THE FULL LENGTH OF SEAWALL TO ESTABLISH A 1'-0" MINIMUM AND 3'-0" MAXIMUM REVEAL TO THE TOP OF STEM. SEE SPECIAL PROVISIONS FOR RIPRAP REQUIREMENTS.
3. SOUTH SEAWALL RIPRAP SHALL BE PLACED A MINIMUM OF 4 FEET ABOVE THE 50 YEAR MAXIMUM HIGH TIDE ELEVATION OF 11.3 FEET.
4. EXISTING REINFORCEMENT NOT SHOWN FOR CLARITY.

STATE OF MAINE  
TOWN OF WELLS

MUNICIPAL

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
M. RICCARDI	T. RANEY				
CHECKED-REVIEWED	R. CAUBREAU				
DESIGN DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

WEBHANNET DRIVE  
TOWN OF WELLS  
YORK  
RIPRAP DETAILS

SHEET NUMBER  
**15**  
OF 15