



#4 BENT REINFORCING BARS

## #7 BENT REINFORCING BARS

---

IN CHARGE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
MADE BY \_\_\_\_\_

MINIMUM LAP LENGTHS	
$f'_c =$ BAR SIZE	5000 psi
#3	1'-7" (19")
#4	2'-1" (25")
#5	2'-8" (32")
#6	3'-2" (38")
#7	4'-8" (56")
#8	5'-4" (64")
#9	6'-0" (72")
#10	6'-9" (81")
#11	7'-6" (90")

Lothrop

Lothrop Associates LLP Architects

333 Westchester Avenue

White Plains, New York 10604

914-741-1115

ARCHITECT

MICHAEL SCHULLER

ATKINSON-NOLAND AND ASSOCIATES

32 OLD SLP. OTH FLOOR

NEW YORK, NEW YORK 10005

917-647-9350

FORENSIC INVESTIGATION

JEFFRY R. CARLSON, P.E., S.E.

601 WEST GOLF ROAD, SECOND FLOOR

MOUNT PROSPECT, ILLINOIS 60056

847-274-0985

STRUCTURAL ENGINEER

MARK VELZY

CBK ENGINEERING, PC

44-46 FOSTER ROAD

HOPEWELL JUNCTION, NY 12533

914-509-8161 (O)

MEP ENGINEERS

7/23/2020

DS

JC

RELEASE FOR BID

7/23/2020

DS

JC

FOR COMMISSIONER MEETING

REVISION NUMBER

DATE

MADY BY

APP'D BY

REVISION

AS BUILT – CHANGES AS NOTED

AS BUILT – NO CHANGES

NAME

CONTRACTOR

NAME

PROJECT COORDINATOR

NAME

SIGNATURE

TITLE

DATE

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS

AND TRANSPORTATION

DIVISION OF ENGINEERING

COMMITTEE NUMBER

19–515

SHEET NUMBER

5060

SHEET NO. 21 OF 97

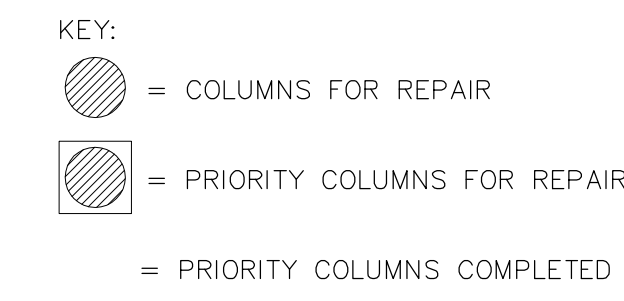
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DATE 7-23-2020

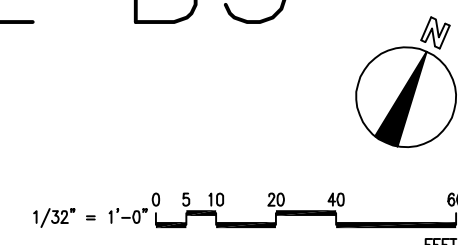
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52–01–S–368–0

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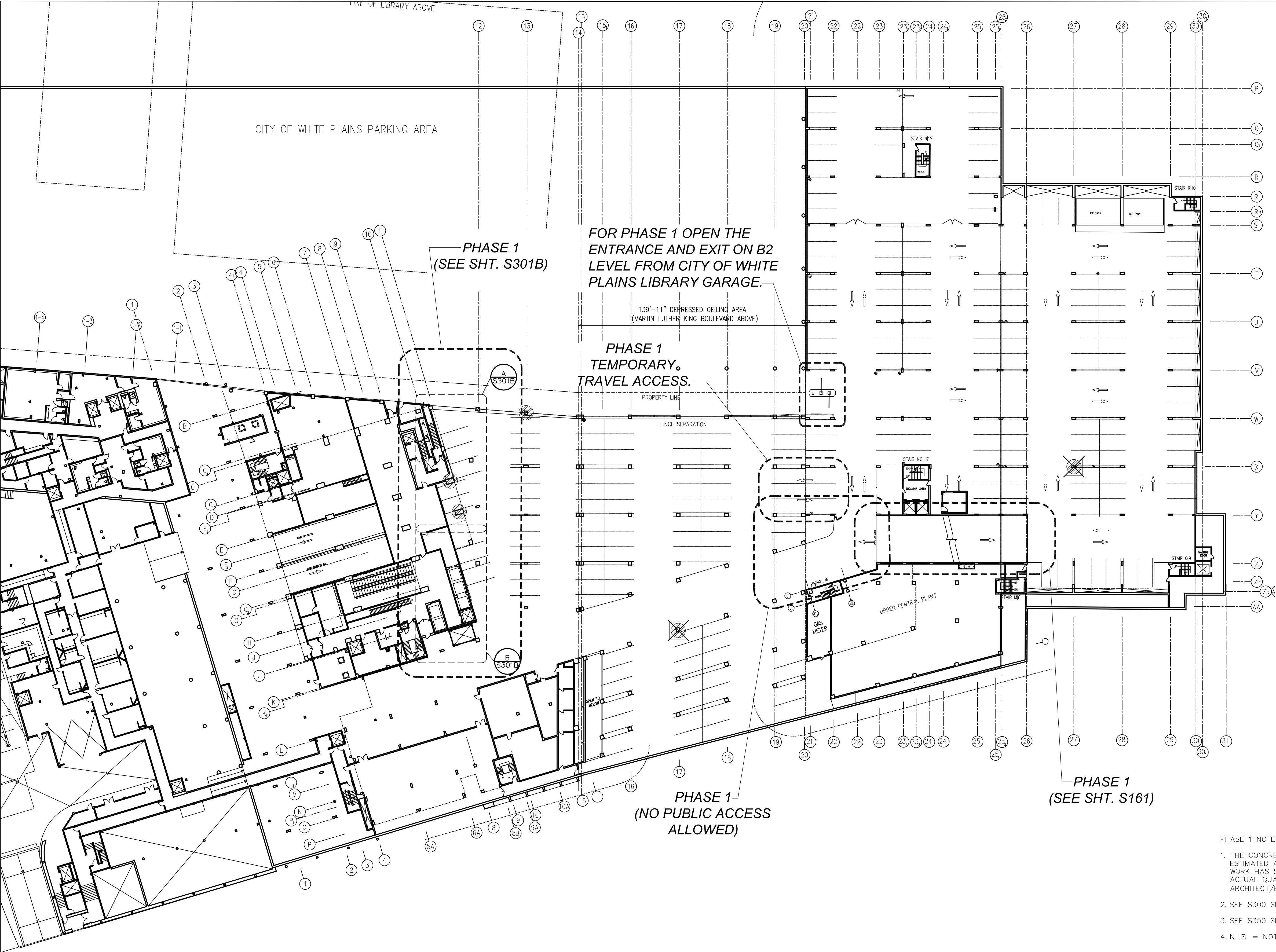


LEVEL B3



<div>Lothrop</div> <div>Lothrop Associates LLP Architects</div> <div>333 Westchester Avenue</div> <div>White Plains, New York 10604</div> <div>914-764-1115</div>				ARCHITECTS
<div>MICHAEL SCHULLER</div> <div>ATKINSON-NOLAND AND ASSOCIATES</div> <div>32 OLD SLIP, 0TH FLOOR</div> <div>NEW YORK, NEW YORK 10005</div> <div>917-647-9350</div>				FORENSIC INVESTIGATION
<div></div> <div>07/27/20</div>	<div>JEFFRY R. CARLSON, P.E. E.</div> <div>601 WEST GOLF ROAD, SECOND FLOOR</div> <div>MOUNT PROSPECT, ILLINOIS 60056</div> <div>847-274-0985</div>			STRUCTURAL ENGINEER
<div>MARK VELZY</div> <div>CBK ENGINEERING, PC</div> <div>44-46 FOSTER ROAD</div> <div>HOPWELL JUNCTION, NY 12533</div> <div>914-509-8161 (O)</div>				MEP ENGINEERS
	7/23/2020	DS	JC	RELEASE FOR BID
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR			PROJECT COORDINATOR	
NAME _____			NAME _____	
SIGNATURE _____			SIGNATURE _____	
TITLE _____			TITLE _____	
DATE _____			DATE _____	
WESTCHESTER COUNTY, NEW YORK				
DEPARTMENT OF PUBLIC WORKS				
AND TRANSPORTATION				
DIVISION OF ENGINEERING				
PARKING GARAGE REHABILITATION – PHASE 1				
MICHAEL OUELLETTE SUPERVISOR				
148 MARTINE AVENUE, WHITE PLAINS, NEW YORK				
LEVEL B-3 COLUMAN REPAIRS & SHORING				
DRAWING NUMBER		SHEET NUMBER		SHEET TOTAL
19-515		19-515		100
SHEET NO. 22 OF 87				
SCALE AS NOTED				
DATE: 7-29-2020				
DPW FILE NO.				
52-01-S-369-0				
10/20/2020				





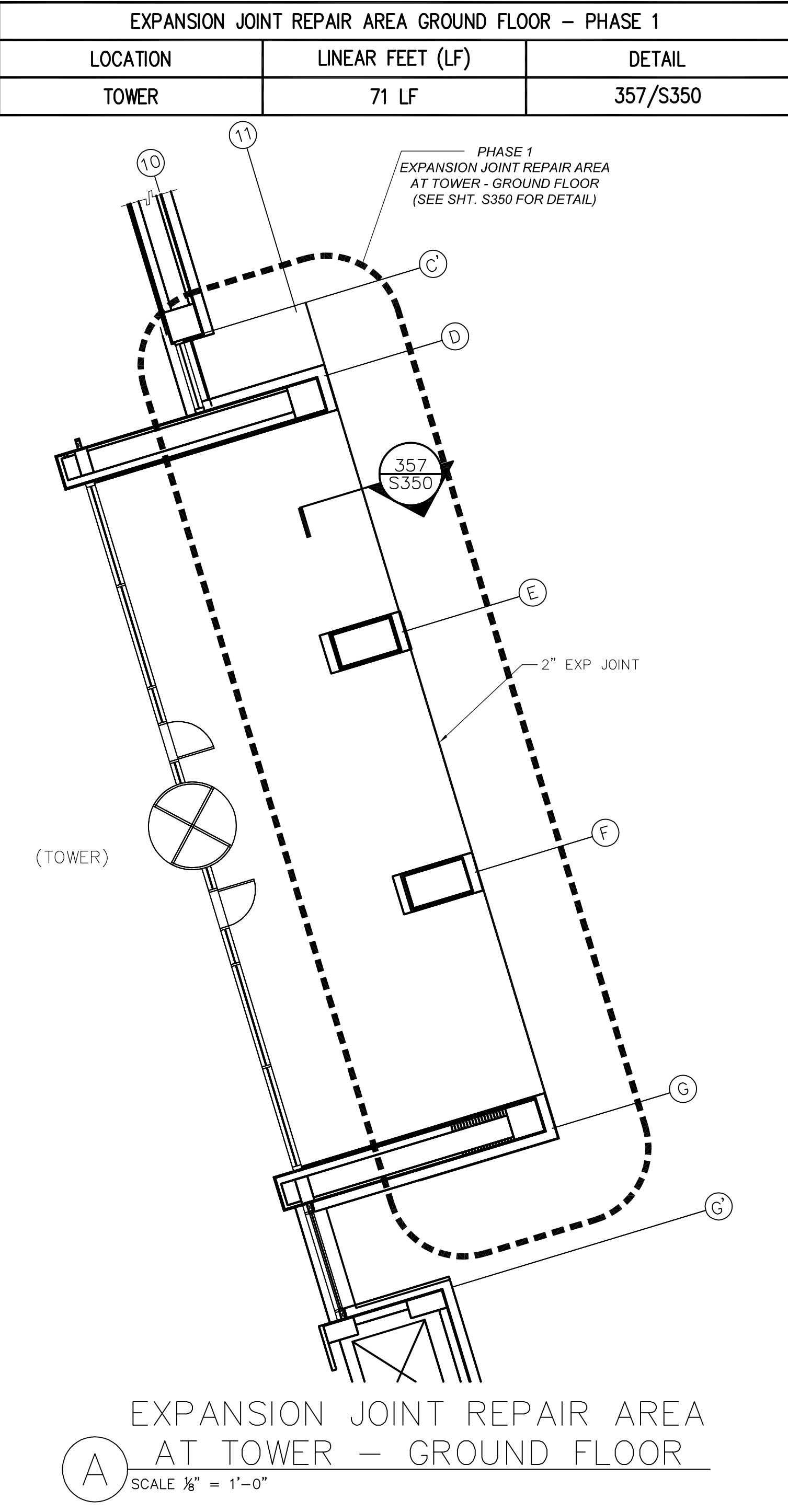
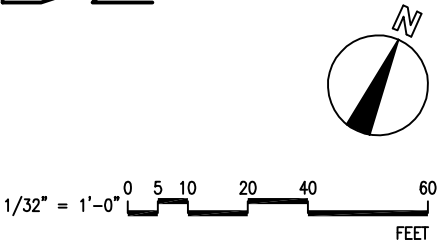
IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

FIRST SUB-BASEMENT FLOOR PLAN (B2)

- PHASE 1 NOTES:
1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
  2. SEE S300 SHEET FOR COLUMN ENCASEMENT REPAIR DETAIL.
  3. SEE S350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.
  4. N.I.S. = NOT IN SCOPE

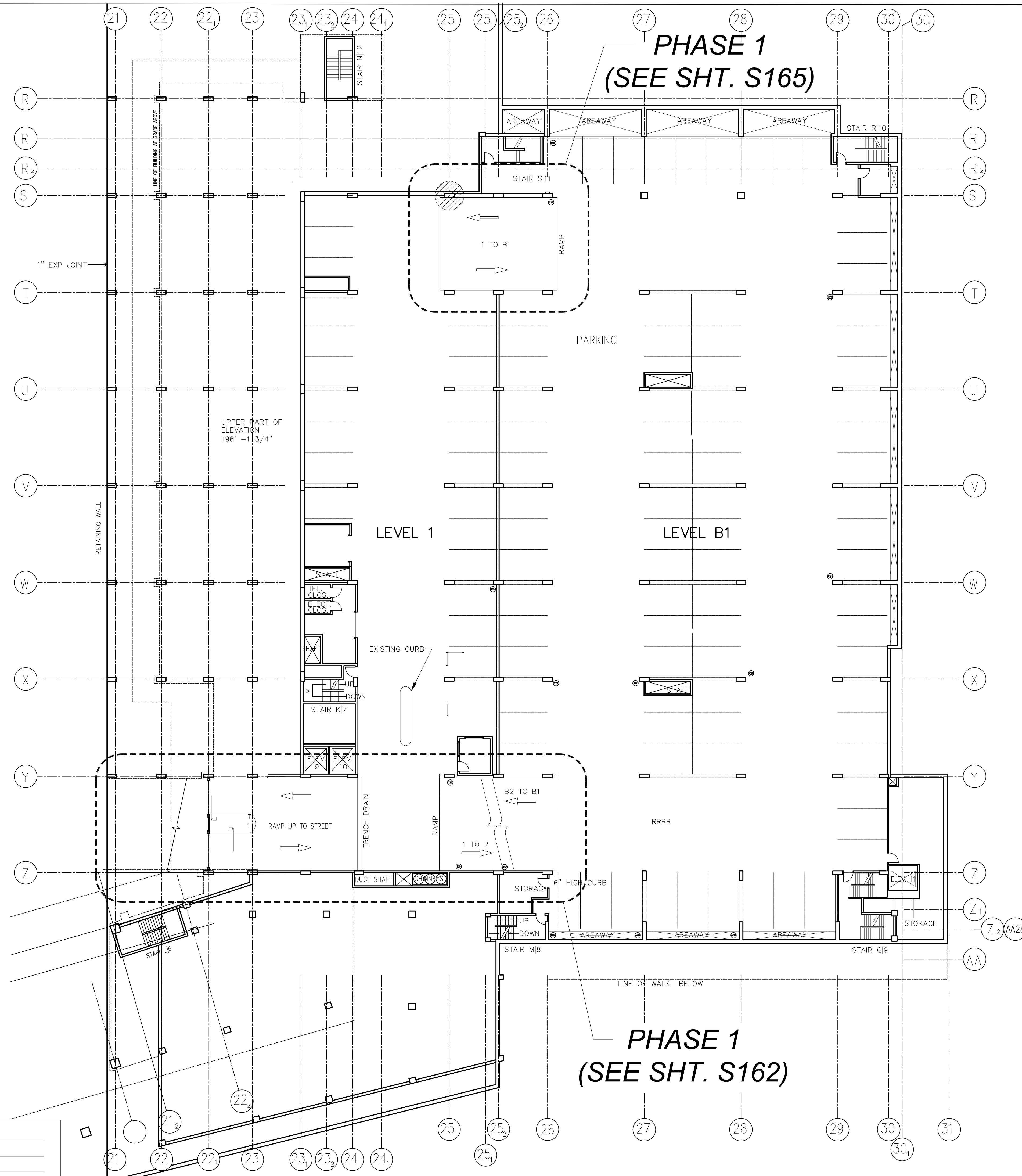
- KEY:
- = COLUMNS FOR REPAIR
  - = PRIORITY COLUMNS FOR REPAIR
  - = PRIORITY COLUMNS COMPLETED

LEVEL B2



 Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115				ARCHITECTS																			
MICHAEL SCHULLER ATKINSON-ROSLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550				FORENSIC INVESTIGATION																			
 JEFFREY R. CARLSON, P.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985				STRUCTURAL ENGINEER																			
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)				MEP ENGINEERS																			
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RECORD DRAWING CERTIFICATION																							
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CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____			PROJECT COORDINATOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____																				
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			SHEET NO. 23 OF 97 19-515 S102		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.: 52-01-S-370-0																		
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK LEVEL B-2 (B) COLUMN REPAIRS & SHORING																							



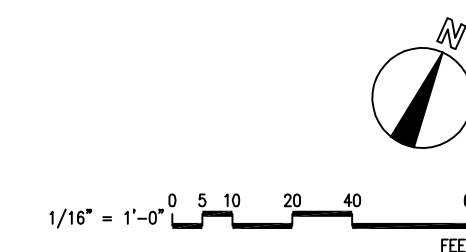


PHASE 1 NOTES:

1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
2. SEE S300 SHEET FOR COLUMN ENCASEMENT REPAIR DETAIL.
3. SEE S350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.
4. N.I.S. = NOT IN SCOPE

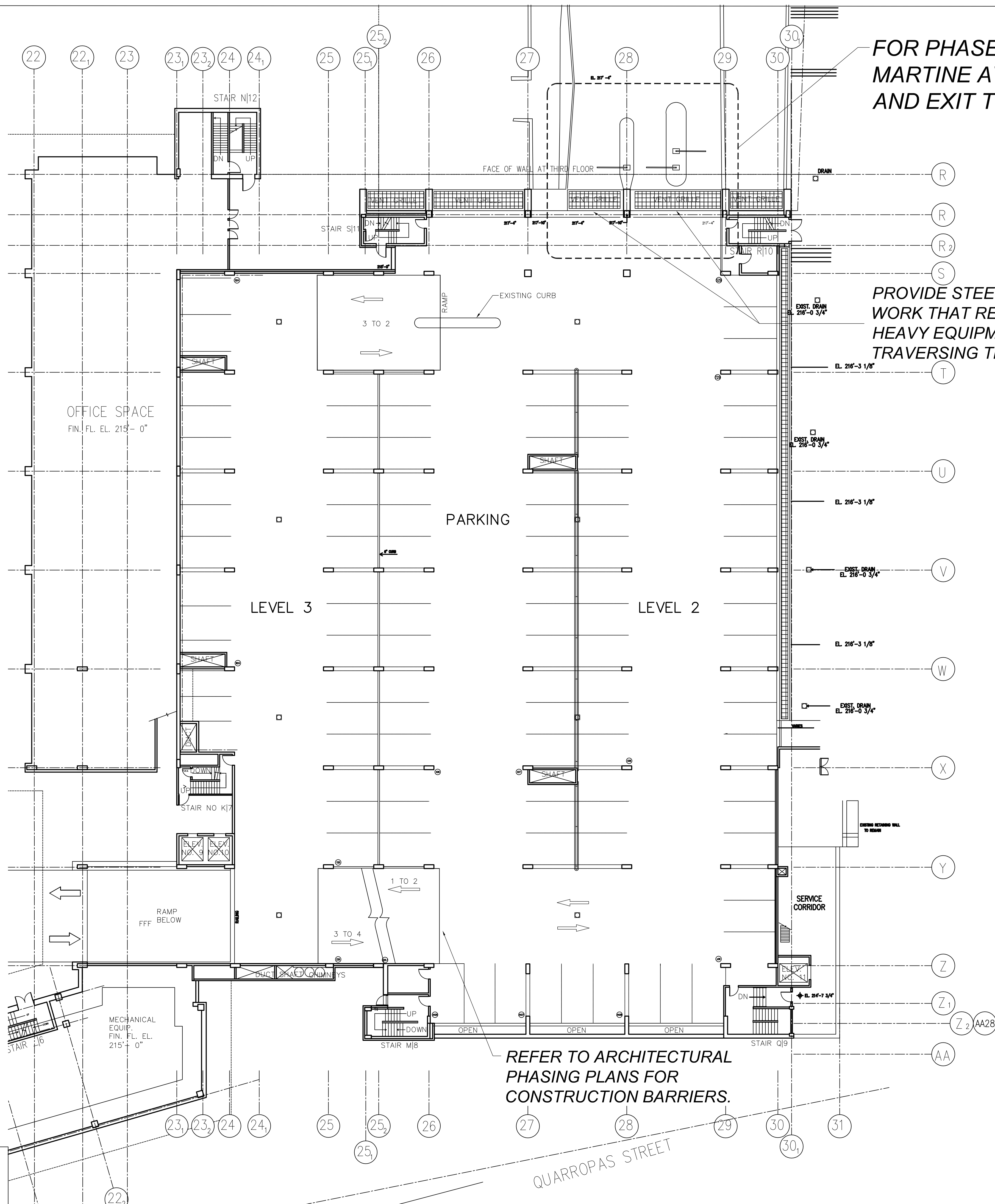
KEY:  
● = COLUMN REPAIR

LEVEL B1+1



<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS									
MICHAEL SCHULLER ATKINSON-HOLAND AND ASSOCIATES 32 OLD SLIP, 10TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350		FORENSIC INVESTIGATION									
JEFFREY R. CARLSON, P.E., S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985		STRUCTURAL ENGINEER									
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (O)		MEP ENGINEERS									
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7/23/2020	DS	JC	RELEASE FOR BID								
7/23/2020	DS	JC	FOR COMMISSIONER MEETING								
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION							
RECORD DRAWING CERTIFICATION											
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CONTRACTOR		PROJECT COORDINATOR									
NAME	DATE	NAME	DATE	SHEET NUMBER							
SIGNATURE	TITLE	SIGNATURE	TITLE								
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		19-515 S103									
PARKING GARAGE REHABILITATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK LEVEL B-1 + 1 COLUMN REPAIRS & SHORING		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.: 52-01-S-371-0									

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS



FOR PHASE 1 OPEN THE  
MARTINE AVENUE ENTRANCE  
AND EXIT TO LEVEL 2.

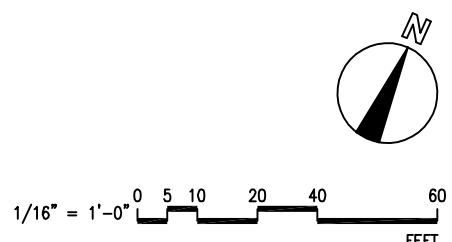
PROVIDE STEEL PLATES FOR  
WORK THAT REQUIRES  
HEAVY EQUIPMENT  
TRAVERSING THE GRATING.

REFER TO ARCHITECTURAL  
PHASING PLANS FOR  
CONSTRUCTION BARRIERS.


- PHASE 1 NOTES:
1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
  2. SEE S300 SHEET FOR COLUMN ENCASEMENT REPAIR DETAIL.
  3. SEE S350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.
  4. N.I.S. = NOT IN SCOPE

KEY:  
= COLUMN REPAIR

LEVEL 2+3

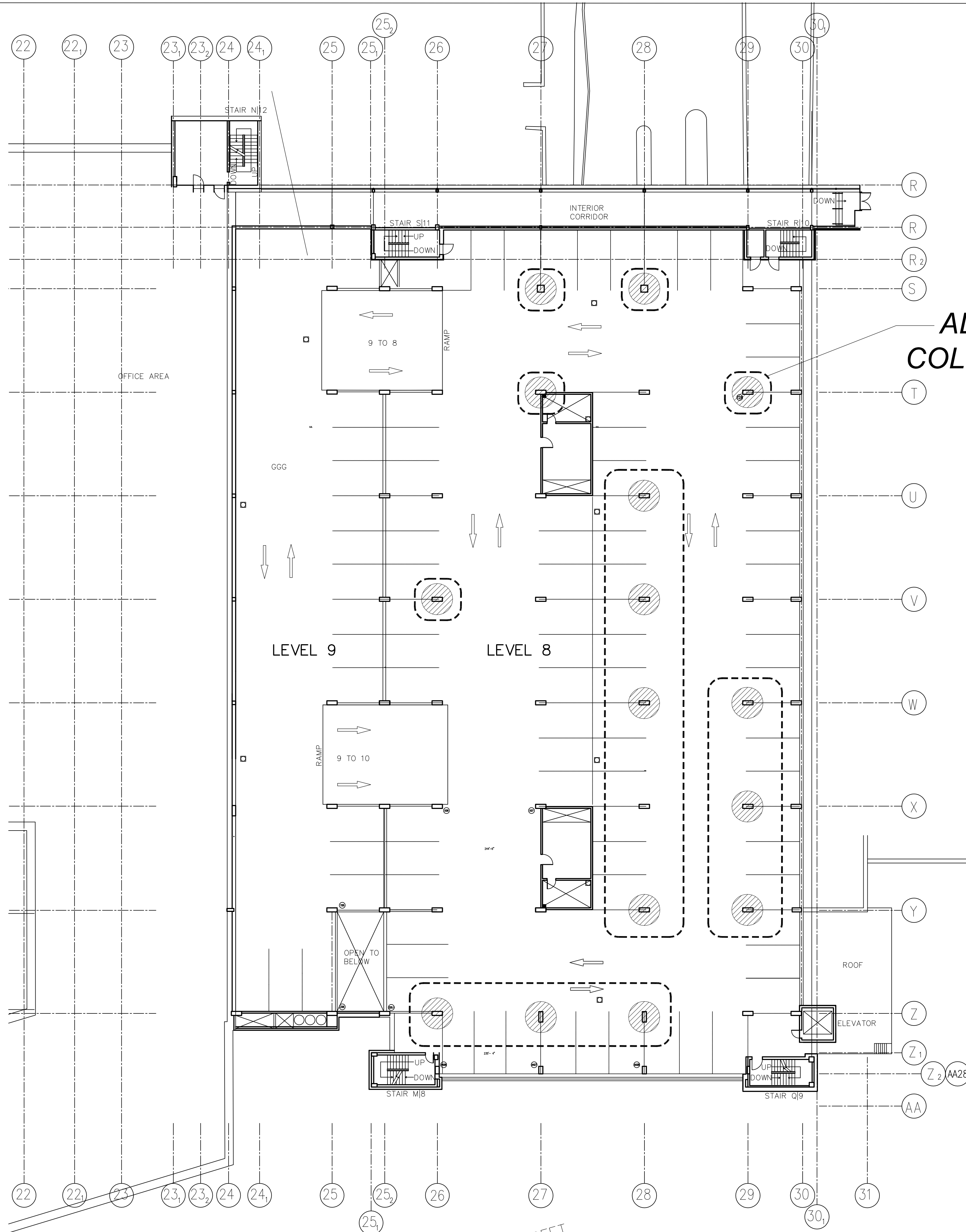


IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

<div></div> <div>07/23/20</div>		<div><b>Lothrop</b></div> <div>Lothrop Associates LLP Architects</div> <div>333 Westchester Avenue</div> <div>White Plains, New York 10604</div> <div>914-741-1115</div>		ARCHITECTS
<div>MICHAEL SCHULLER</div> <div>ATKINSON-HOLAND AND ASSOCIATES</div> <div>32 OLD SLIP, 10TH FLOOR</div> <div>NEW YORK, NEW YORK 10005</div> <div>917-647-9350</div>		FORENSIC INVESTIGATION		
<div>JEFFREY R. CARLSON, P.E., S.E.</div> <div>601 WEST GOLF ROAD, SECOND FLOOR</div> <div>MOUNT PROSPECT, ILLINOIS 60056</div> <div>847-274-0985</div>		STRUCTURAL ENGINEER		
<div>MARK VELZY</div> <div>CBK ENGINEERING, PC</div> <div>44-46 FOSTER ROAD</div> <div>HOPEWELL JUNCTION, NY 12533</div> <div>914-509-8161 (O)</div>		MEP ENGINEERS		



PHASE 1  
ALTERNATE 2

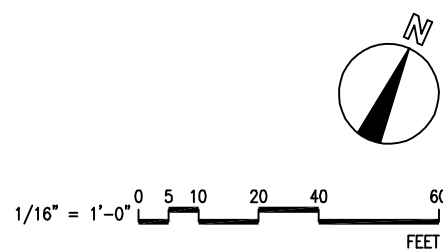


PHASE 1  
ALTERNATE 2  
COLUMN REPAIRS  
(TYP.)


- PHASE 1 NOTES:
1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
  2. SEE S300 SHEET FOR COLUMN ENCASEMENT REPAIR DETAIL.
  3. SEE S350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.
  4. N.I.S. = NOT IN SCOPE

KEY:  
= COLUMN REPAIR

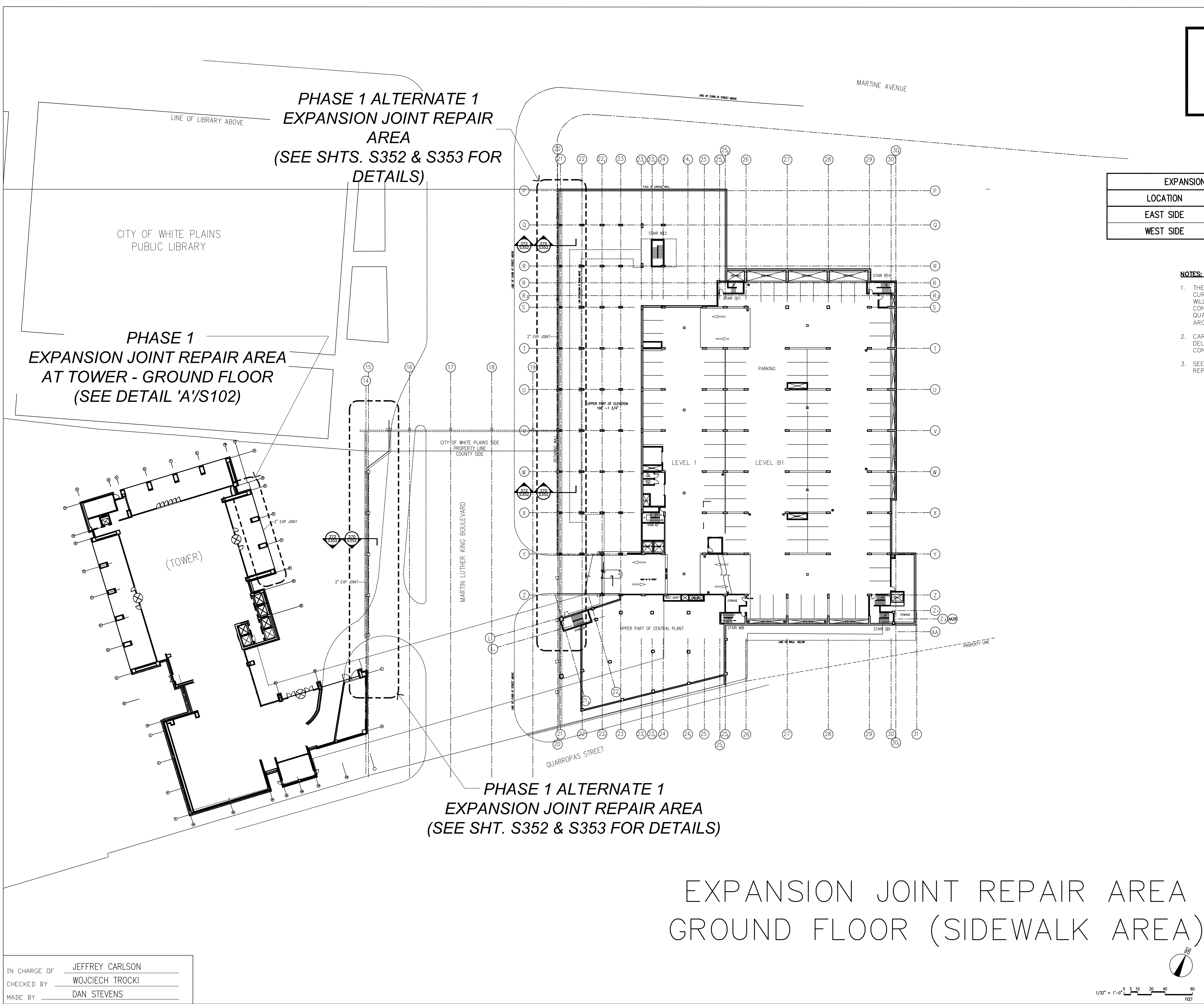
LEVEL 8



IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

		ARCHITECTS	
		Lothrop Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115	
		FORENSIC INVESTIGATION	
		MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 0TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350	
		STRUCTURAL ENGINEER	
		JEFFERY R. CARLSON, P.E., S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	
07/27/20		MEP ENGINEERS	
		MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (G)	



PHASE 1  
ALTERNATE 1



EXPANSION JOINT REPAIR AREA GROUND FLOOR – PHASE 1		
LOCATION	LINEAR FEET (LF)	DETAIL
EAST SIDE	314 LF	370 & 372/S352
WEST SIDE	192 LF	370 & 372/S352



NOTES:

1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
2. CARE MUST BE TAKEN WHEN REMOVING DELAMINATIONS IN CONCRETE ELEMENTS DUE TO CONDUIT.
3. SEE SHEETS S352 & S353 FOR EXPANSION JOINT REPAIR DETAILS.


<div> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115</div>				ARCHITECTS
<div>MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 10TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350</div>				FORENSIC INVESTIGATION
<div> JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985</div>				STRUCTURAL ENGINEER
07/27/20				MEP ENGINEERS
<div>MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (O)</div>				



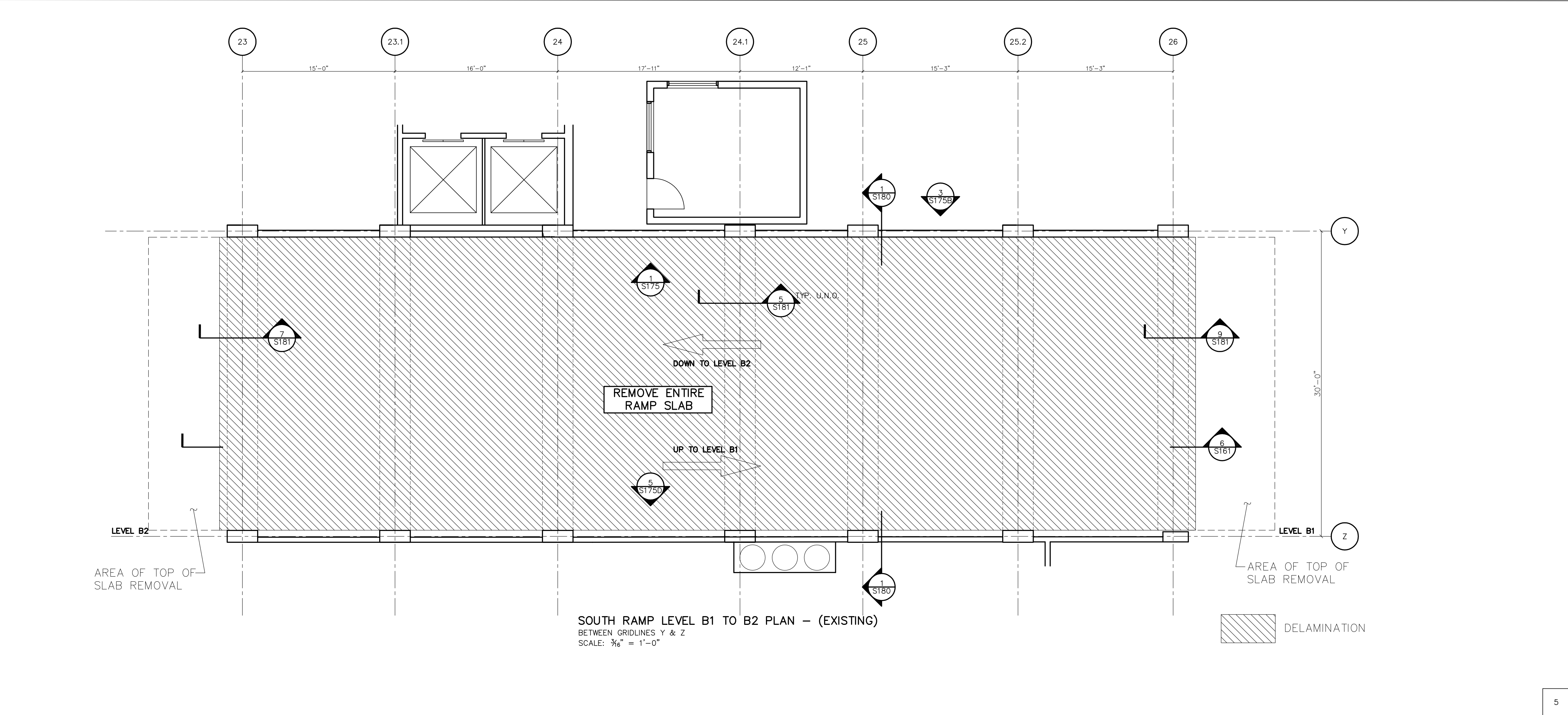
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TOTAL SPANDREL AREA REPAIR – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	20 SF	TOTAL SPANDREL AREA FOR REPAIR IN SQUARE FEET (SF)	386/S354
	8 LF	TOTAL EPOXY INJECT OR GROUT AND SEAL CRACK AREA FOR VERTICAL REPAIR IN LINEAR FEET (LF) (AS DIRECTED BY ENGINEER)	391/S354

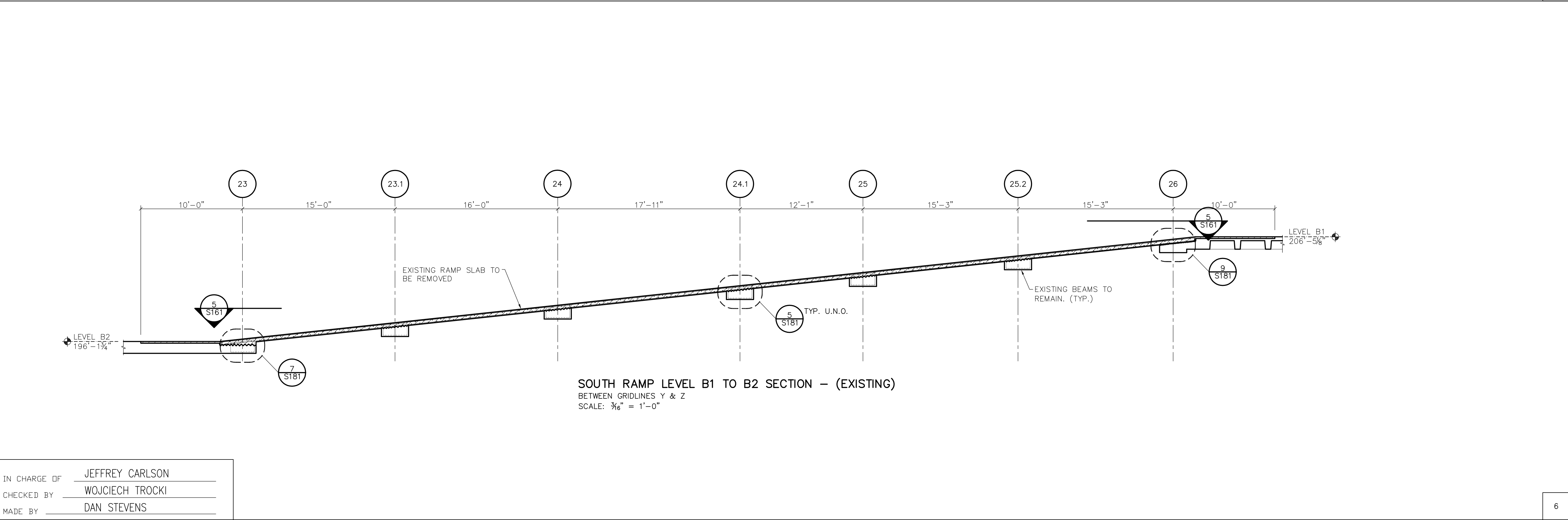
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2. SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
3. SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
4. SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.
5. CARE MUST BE TAKEN WHEN REMOVING DELAMINATIONS IN CONCRETE ELEMENTS DUE TO CONDUIT.

<h1 style="margin: 0;">Lothrop</h1> <p><b>Lothrop Associates LLP Architects</b>          333 Westchester Avenue          White Plains, New York 10604          914-741-1115</p>				ARCHITECTS								
MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD S.P. OTHER FLOOR NEW YORK, NEW YORK 10005 917-647-9350				FORENSIC INVESTIGATION								
 <p>JEFFRY R. CARLSON, P.E., S.E.          650 WEST GOLF ROAD SECOND FLOOR          MOUNT PROSPECT, ILLINOIS 60056          847-274-0985</p>				STRUCTURAL ENGINEER								
MARK VELZY CBK ENGINEERING, PC 44-48 FOSTER ROAD ROSELVELL JUNCTION, NY 12533 914-509-8161 (O)				MEP ENGINEERS								
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7/23/2020	DS	JC	RELEASE FOR BID									
7/23/2020	DS	JC	FOR COMMISSIONER MEETING.									
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NAMESIGNATURE _____ TITLE _____ DATE _____	NAMESIGNATURE _____ TITLE _____ DATE _____											
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING												
<b>PARKING GARAGE REHABILITATION – PHASE 1</b> <b>MICHELAN GARAGE BUILDING</b> 148 WARTIME AVENUE, WHITE PLAINS, NEW YORK LEVEL 1 & 10 FLOOR DEMILAMINATION												
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<b>COUNT NUMBER</b> 19–515	<b>SHEET NUMBER</b> S128											
<b>SCALE:</b> AS NOTED DATE: 7-23-2020	<b>SHEET NO. 28 OF 87</b>											
<b>DWG FILE NO.</b> 52–01–S–375–0	<b>REV.</b>											


IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS



- RAMP (EXISTING) NOTES:**
1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
  2. SEE S175 SERIES SHEETS FOR EXISTING RAMP ELEVATIONS.
  3. SEE S180 SERIES SHEETS FOR EXISTING RAMP SECTIONS AND DETAILS.

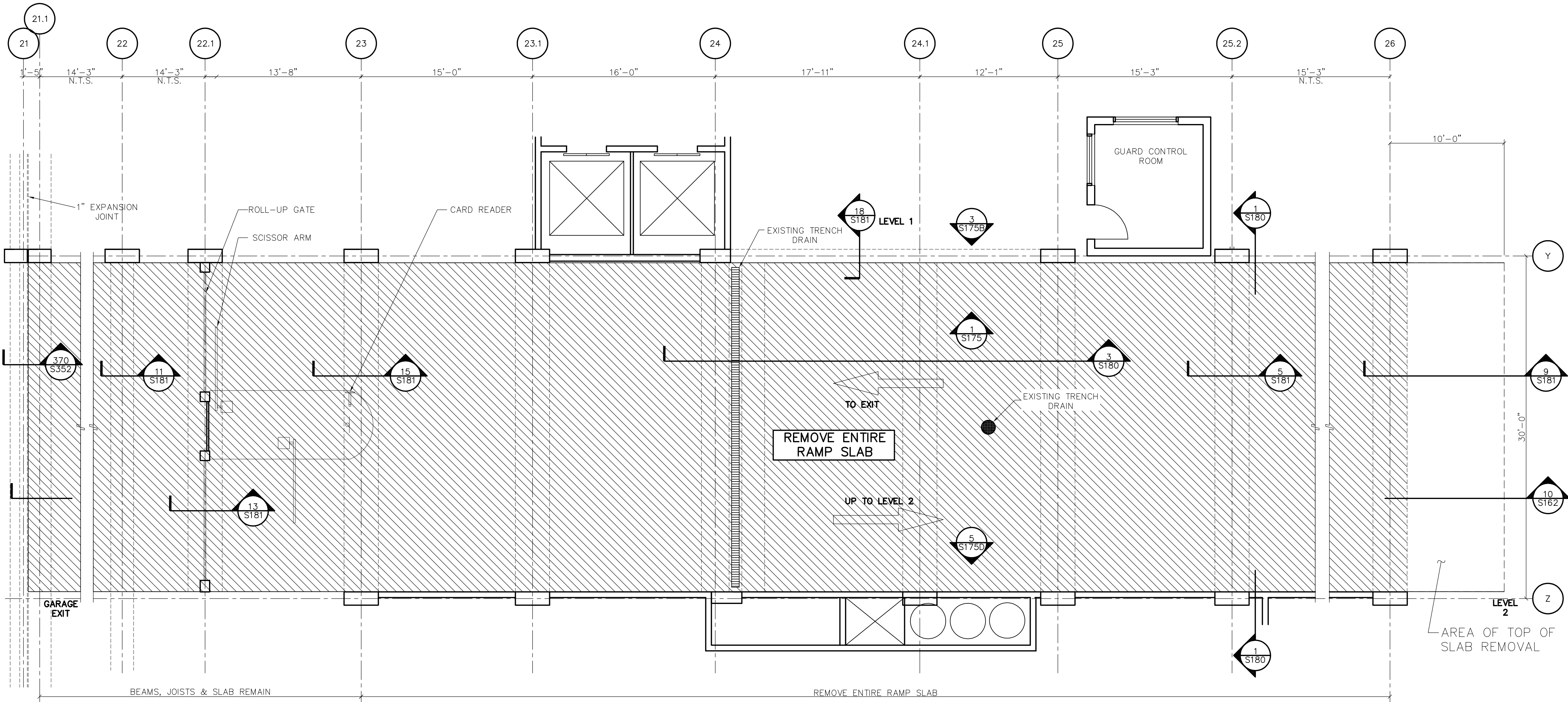


IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS													
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION													
 07/27/20	JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER													
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7/23/2020	DS	JC	FOR COMMISSIONER MEETING												
REVISION NUMBER	DATE	MADE BY	APPD BY	REVISION											
<b>RECORD DRAWING CERTIFICATION</b>															
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES															
NAME <u>                    </u> SIGNATURE <u>                    </u> TITLE <u>                    </u>		NAME <u>                    </u> SIGNATURE <u>                    </u> TITLE <u>                    </u>													
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <u>19-515</u> SHEET NUMBER <u>S161</u> SHEET NO. <u>28</u> OF <u>97</u>													
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK SOUTH RAMP EXISTING PLAN & SECTION (Y-Z)		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.: <u>52-01-S-376-0</u>													



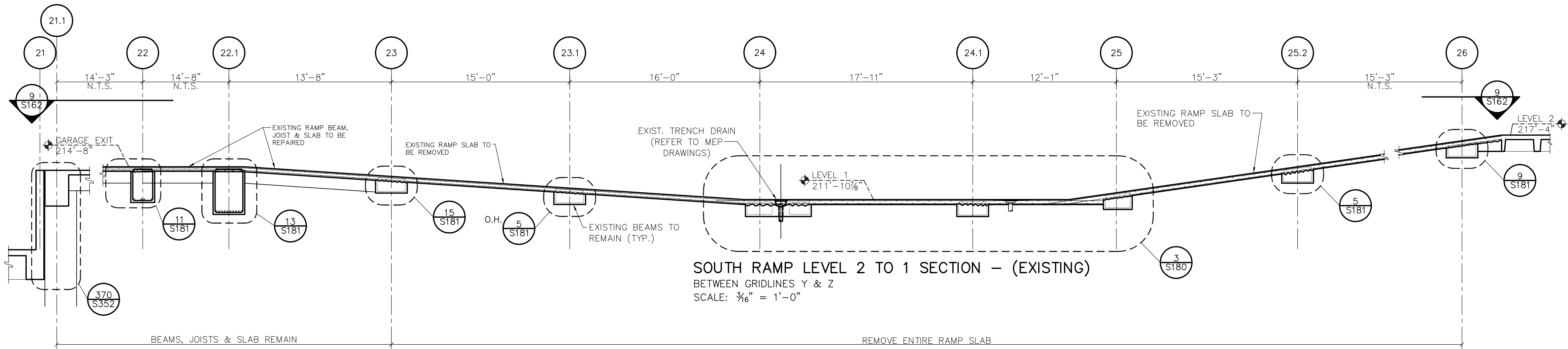




SOUTH RAMP LEVEL 2 TO 1 PLAN – (EXISTING)  
BETWEEN GRIDLINES Y & Z  
SCALE:  $\frac{3}{16}$ " = 1'-0"



9



SOUTH RAMP LEVEL 2 TO 1 SECTION – (EXISTING)  
BETWEEN GRIDLINES Y & Z  
SCALE:  $\frac{3}{16}$ " = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

RAMP (EXISTING) NOTES:

1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
2. SEE S175 SERIES SHEETS FOR EXISTING RAMP ELEVATIONS.
3. SEE S180 SERIES SHEETS FOR EXISTING RAMP SECTIONS AND DETAILS.

Lothrop

Lothrop Associates LLP Architects  
333 Westchester Avenue  
White Plains, New York 10604  
914-741-1115

MICHAEL SCHÜLLER  
ATTORNEY-AT-LAW AND ASSOCIATES  
32 OLD SLIP, 8TH FLOOR  
NEW YORK, NEW YORK 10005  
917-647-9550



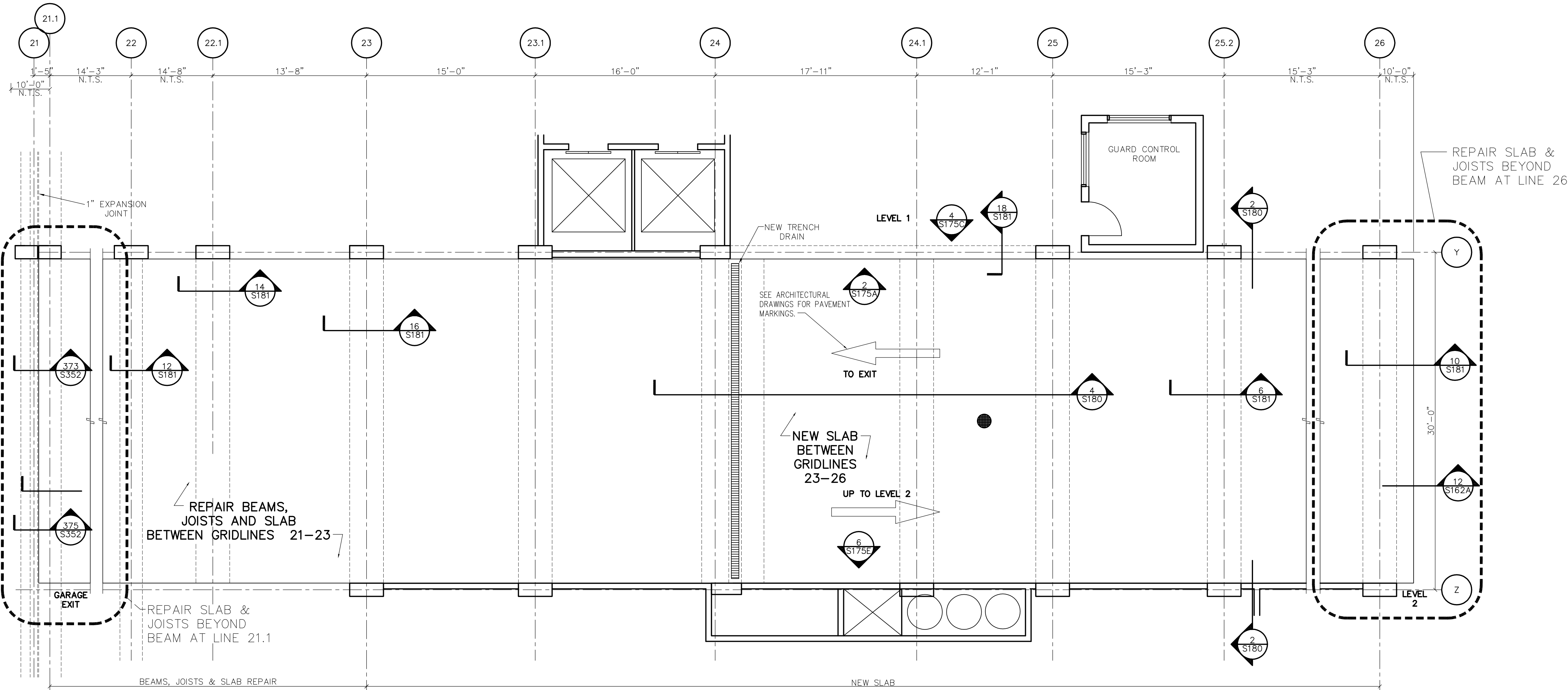
JEFFREY R. CARLSON, P.E. S.E.  
601 WEST GOLF ROAD, SECOND FLOOR  
MOUNT PROSPECT, ILLINOIS 60056  
847-274-0985

MARK VELZY  
CBK ENGINEERING, PC  
44-46 FOSTER ROAD  
HOPEWELL JUNCTION, NY 12533  
914-509-8161 (O)

	7/23/2020	DS	JC	RELEASE FOR BID
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED		<input type="checkbox"/> AS BUILT – NO CHANGES	
CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 19-515	
SHEET NO. 31 OF 97		SHEET NUMBER S162	
PARKING GARAGE RENOVATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK SOUTH RAMP EXISTING PLAN & SECTION (Y-Z)		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.: 52-01-S-378-0	



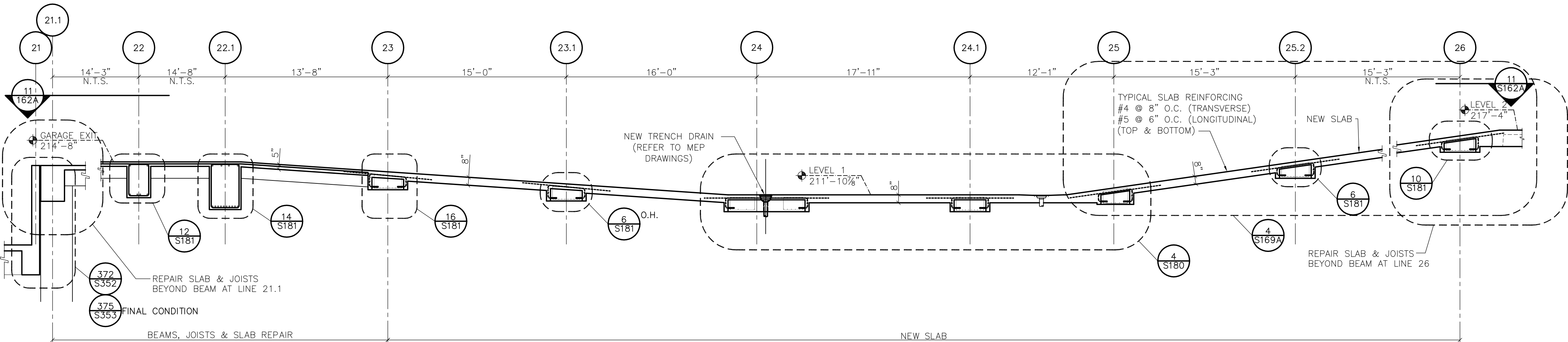


NEW SLAB AREA FOR RAMP LEVEL 1 TO LEVEL 2 – PHASE 1	
QTY.	DESCRIPTION
3,070 SF	NEW SLAB AREA IN SQUARE FEET (SF)
70 CY	NEW SLAB IN CUBIC YARDS (CY)

SLAB REPAIR AREA FOR RAMP GRID 23 TO EXIT – PHASE 1	
QTY.	DESCRIPTION
540 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)
1,080 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)
180 SF	FULL REPAIR AREA IN SQUARE FEET (SF)
1,800 SF	TOTAL SLAB REPAIR AREA IN SQUARE FEET (SF)
12 CY	TOTAL SLAB REPAIR IN CUBIC YARD (CY)

- RAMP (REPAIR) NOTES:**
1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
  2. SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
  3. SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
  4. SEE S175 SERIES SHEETS FOR RAMP REPAIR ELEVATIONS.
  5. SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
  6. SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

11



SOUTH RAMP LEVEL 2 TO 1 SECTION – (REPAIR)  
BETWEEN GRIDLINES Y & Z  
SCALE: 3/8" = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

12

**Lothrop**

Lothrop Associates LLP Architects  
333 Westchester Avenue  
White Plains, New York 10604  
914-741-1115

MICHAEL SCHULLER  
ATTORNEY-AT-LAW AND ASSOCIATES  
32 OLD SLIP, 8TH FLOOR  
NEW YORK, NEW YORK 10005  
917-647-9550

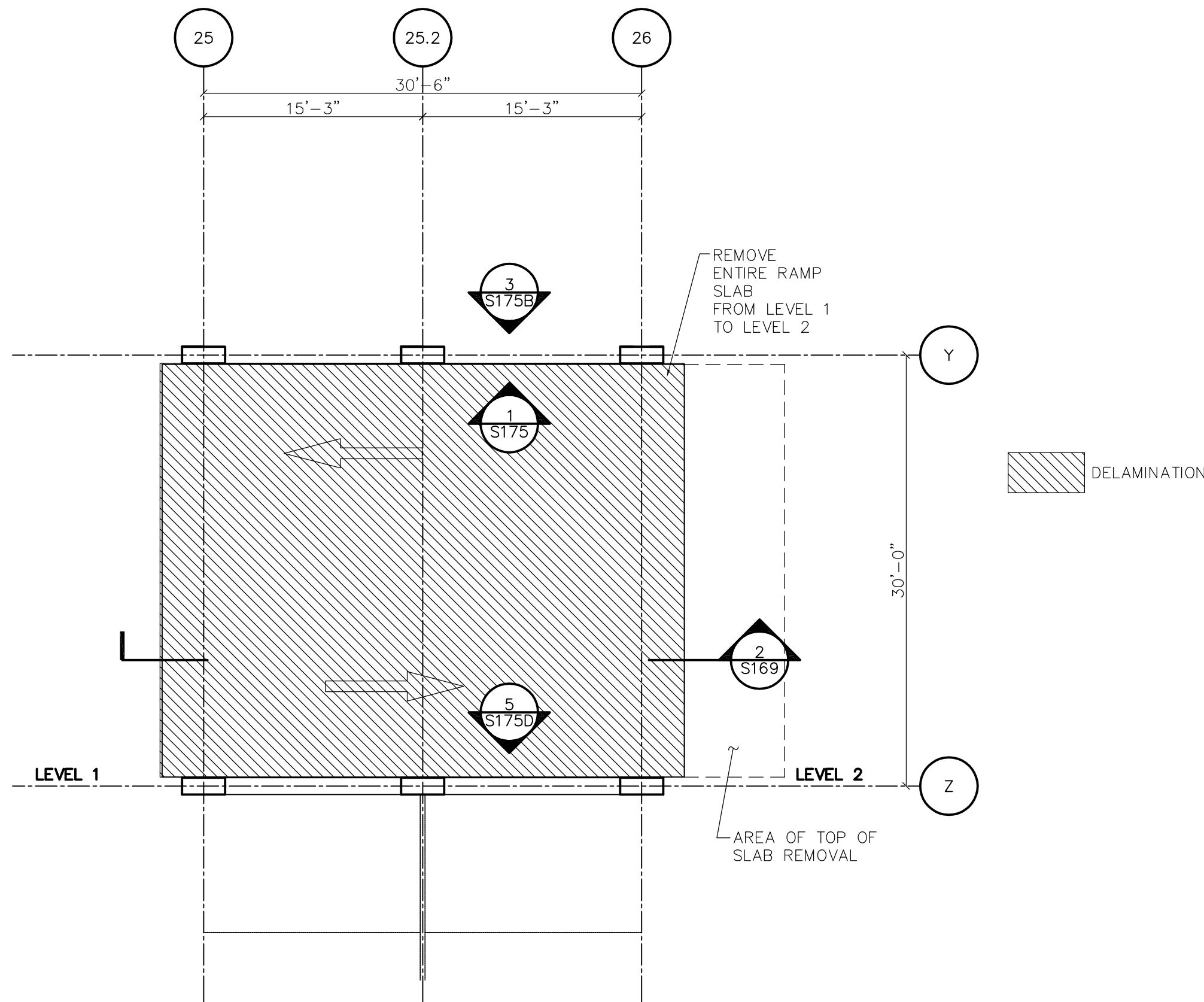


JEFFREY R. CARLSON, P.E. S.E.  
601 WEST GOLF ROAD, SECOND FLOOR  
MOUNT PROSPECT, ILLINOIS 60056  
847-274-0985

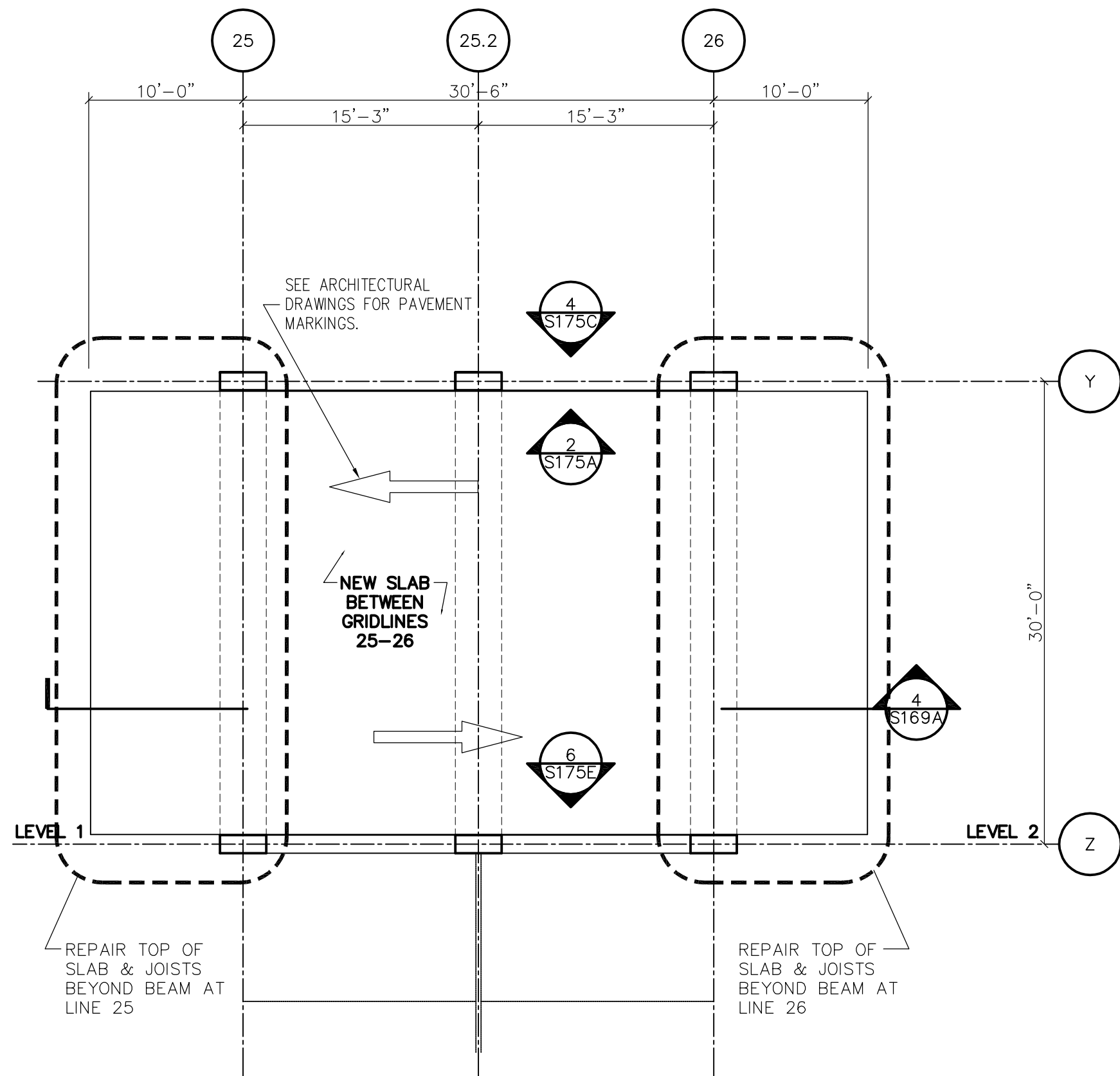
MARK VELZY  
CEI ENGINEERING, PC  
44-46 FOSTER ROAD  
HOPEWELL JUNCTION, NY 12533  
914-309-8161 (O)

	7/23/2020	DS	JC	RELEASE FOR BID
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

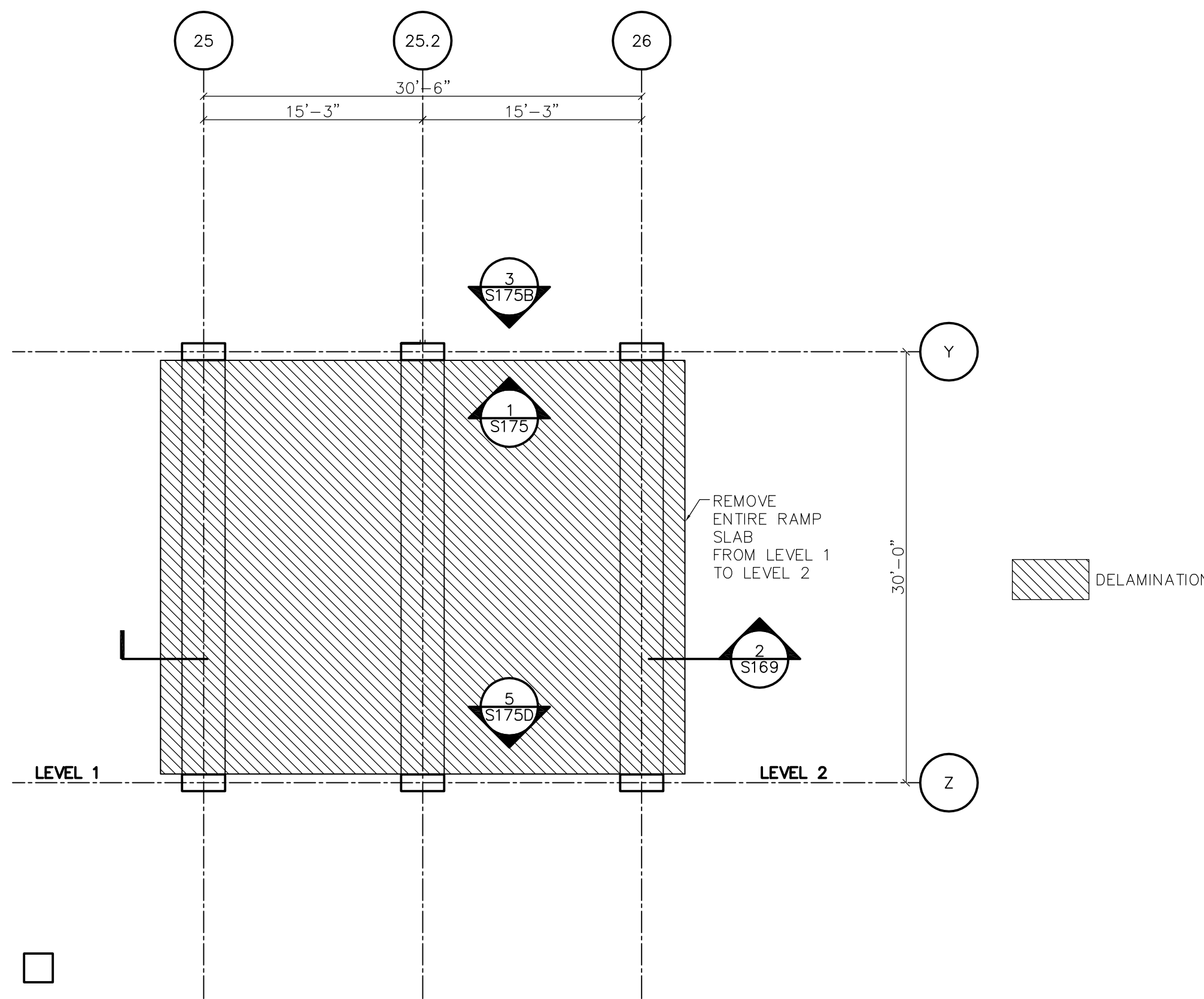
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CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
TITLE	DATE	TITLE	DATE
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		MARK VELZY CEI ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-309-8161 (O)	
CONTRACT NUMBER 19-515		SHEET NUMBER S162A	
SHEET NO. 32 OF 97		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.	
PARKING GARAGE REHABILITATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK SOUTH RAMP REPAIR PLAN & SECTION (Y-Z)		52-01-S-379-0	



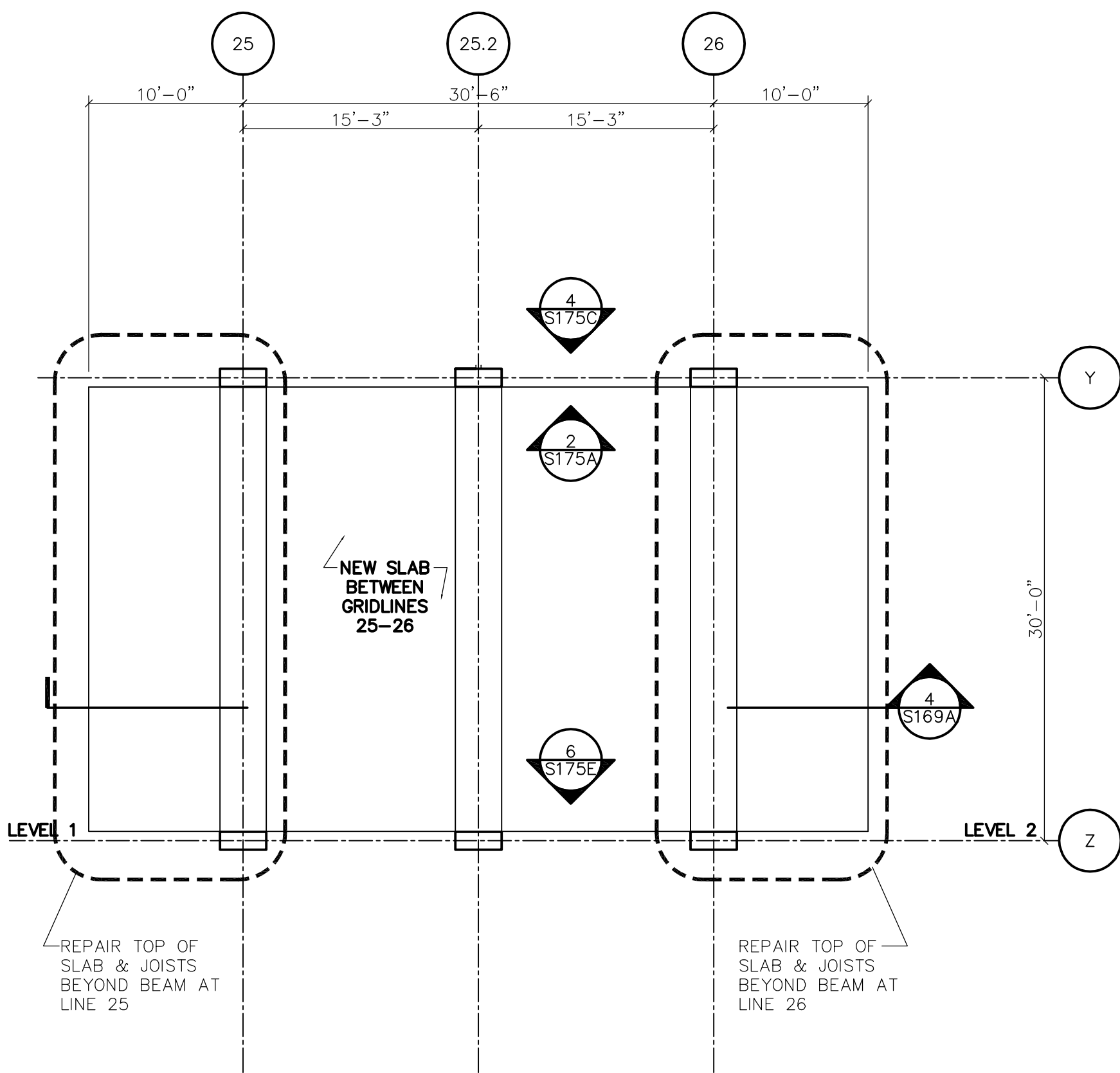
SOUTH RAMP LEVEL 1 TO 2 PLAN (TOP) (EXISTING)  
SCALE: 1/8" = 1'-0"



SOUTH RAMP LEVEL 1 TO 2 PLAN (TOP) (REPAIR)  
SCALE: 1/8" = 1'-0"



SOUTH RAMP LEVEL 1 TO 2 PLAN (UNDERSIDE) (EXISTING)  
SCALE: 1/8" = 1'-0"



SOUTH RAMP LEVEL 1 TO 2 PLAN (UNDERSIDE) (REPAIR)  
SCALE: 1/8" = 1'-0"

**RAMP (EXISTING) NOTES:**


1. SEE S175 SERIES SHEETS FOR EXISTING RAMP ELEVATIONS.
2. SEE S180 SERIES SHEETS FOR EXISTING RAMP SECTIONS AND DETAILS.

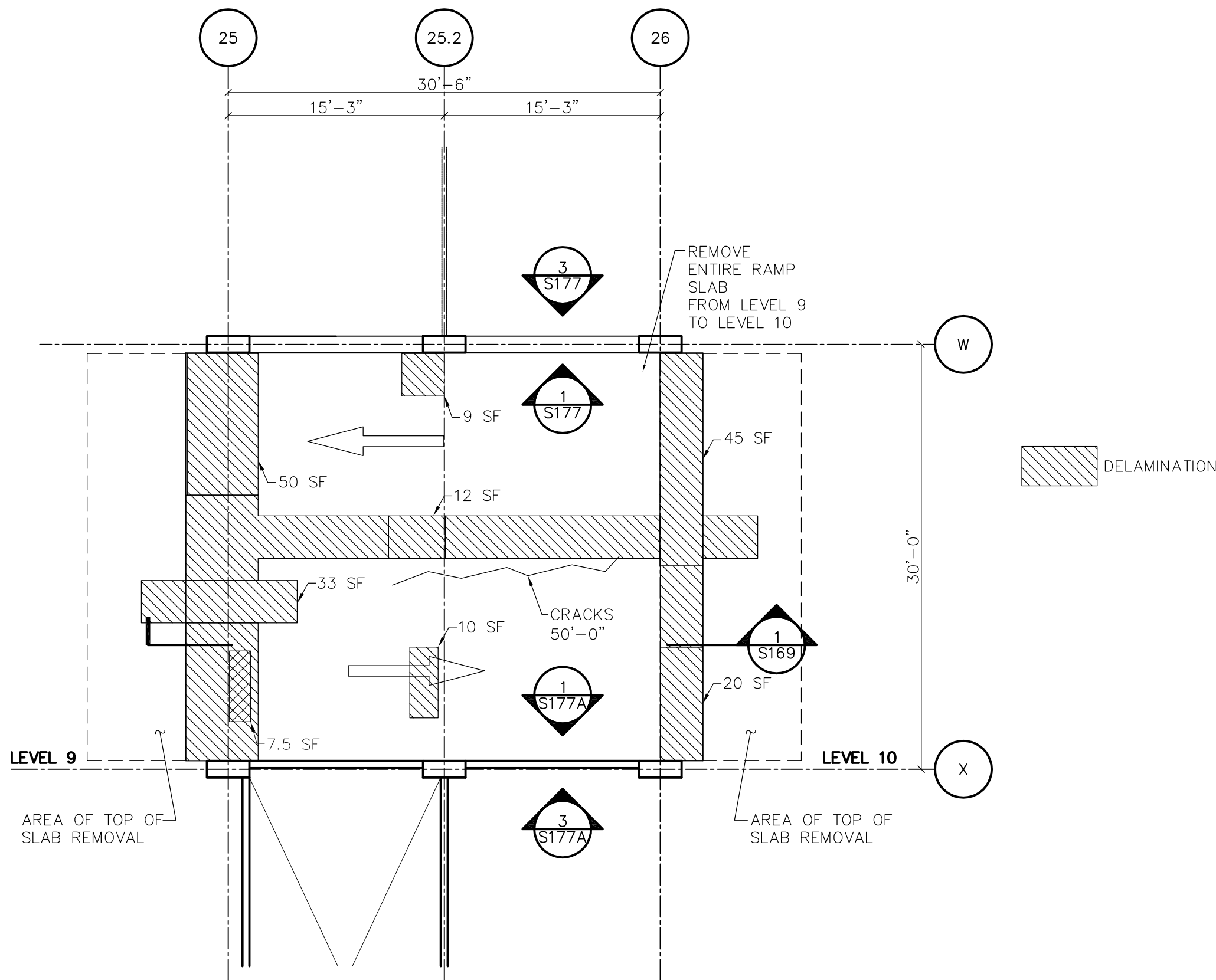
**RAMP (REPAIR) NOTES:**

1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
2. SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
3. SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
4. SEE S175 SERIES SHEETS FOR RAMP REPAIR ELEVATIONS.
5. SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
6. SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

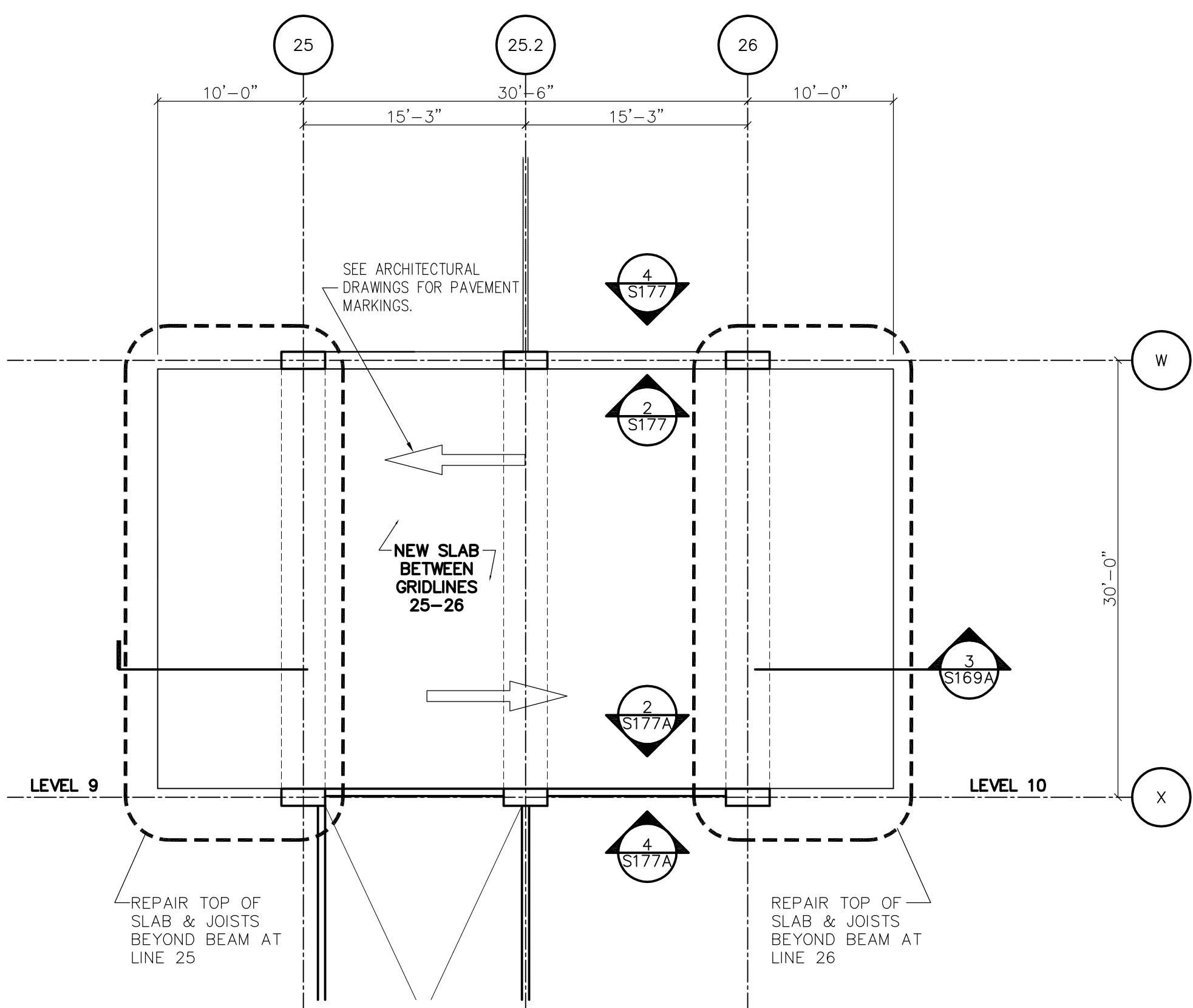
**NOTE:**  
NEW SLAB AREA FOR RAMP LEVEL 1 TO LEVEL 2 – PHASE 1  
SEE S162A.

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

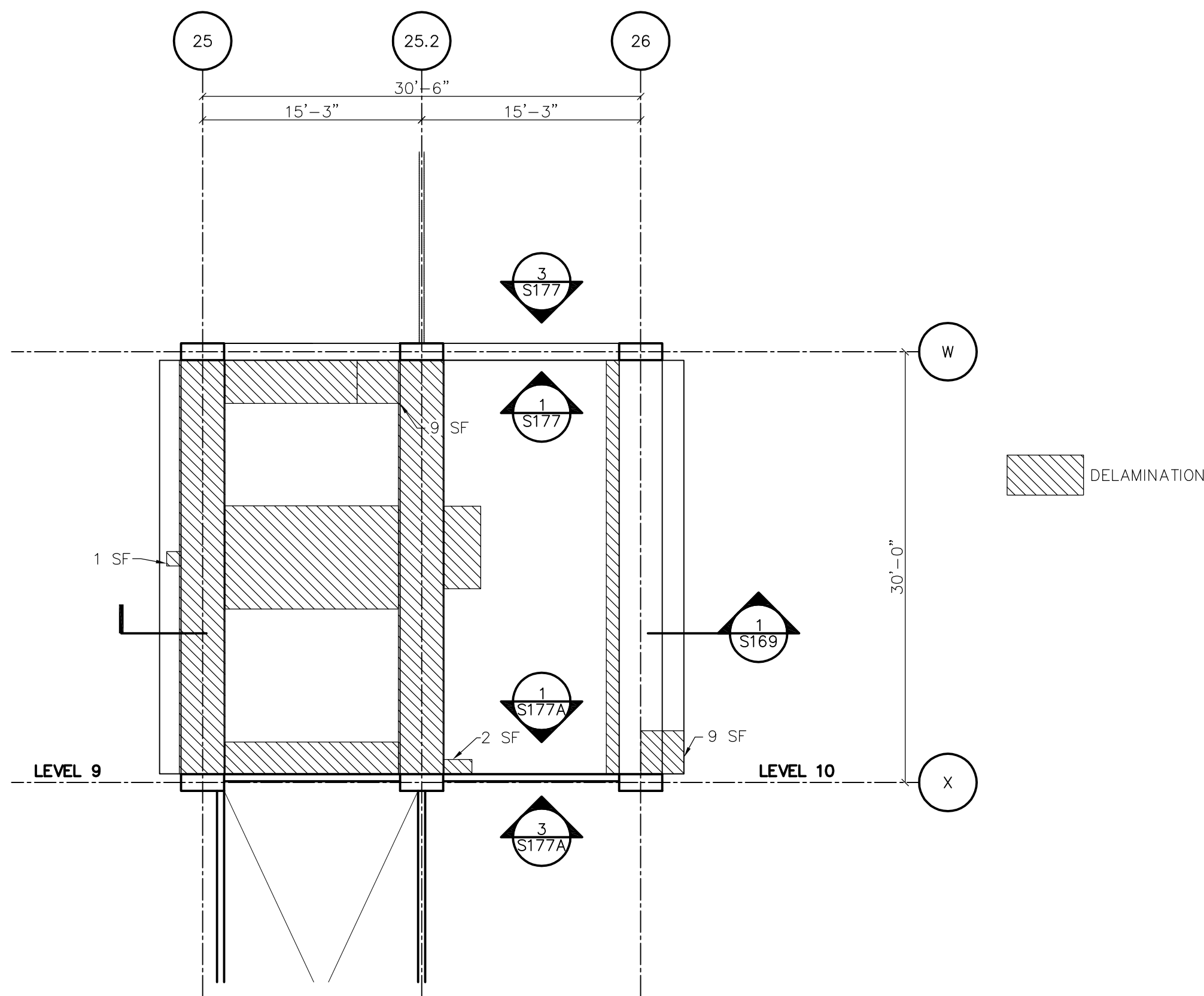
		<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS
		MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION
 07/27/20		JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985		STRUCTURAL ENGINEER
		MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)		MEP ENGINEERS
	7/23/2020	DS	JC	RELEASE FOR BID
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES				
NAME SIGNATURE TITLE		CONTRACTOR DATE		
NAME SIGNATURE TITLE		PROJECT COORDINATOR DATE		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 19-515		SHEET NUMBER S163
PARKING GARAGE RENOVATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK SOUTH RAMP PLANS (1-2)		SCALE: AS NOTED DATE: 7-25-2020 DWG FILE NO.: 52-01-S-380-0		



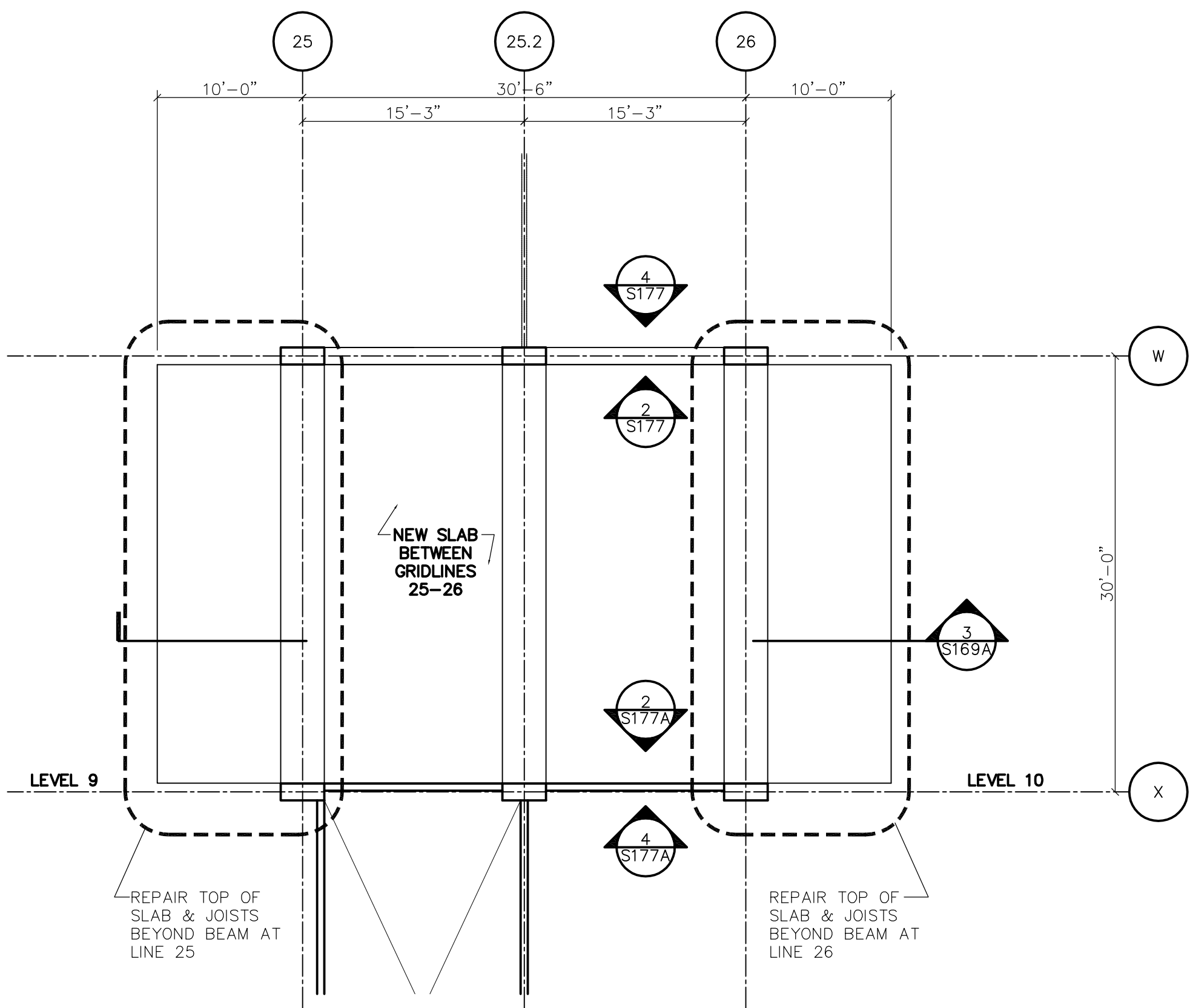
SOUTH RAMP LEVEL 9 TO 10 PLAN (TOP) (EXISTING)  
SCALE: 1/8" = 1'-0"



SOUTH RAMP LEVEL 9 TO 10 PLAN (TOP) (REPAIR)  
SCALE: 1/8" = 1'-0"



SOUTH RAMP LEVEL 9 TO 10 PLAN (UNDERSIDE) (EXISTING)  
SCALE: 1/8" = 1'-0"



SOUTH RAMP LEVEL 9 TO 10 PLAN (UNDERSIDE) (REPAIR)  
SCALE: 1/8" = 1'-0"

NEW SLAB AREA FOR RAMP LEVEL 9 TO LEVEL 10 – PHASE 1	
QTY.	DESCRIPTION
455 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)
909 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)
151 SF	FULL REPAIR AREA IN SQUARE FEET (SF)
1,515 SF	TOTAL SLAB REPAIR AREA IN SQUARE FEET (SF)
23 CY	TOTAL SLAB REPAIR IN CUBIC YARD (CY)

**RAMP (EXISTING) NOTES:**

- SEE S177 SERIES SHEETS FOR EXISTING RAMP ELEVATIONS.
- SEE S180 SERIES SHEETS FOR EXISTING RAMP SECTIONS AND DETAILS.

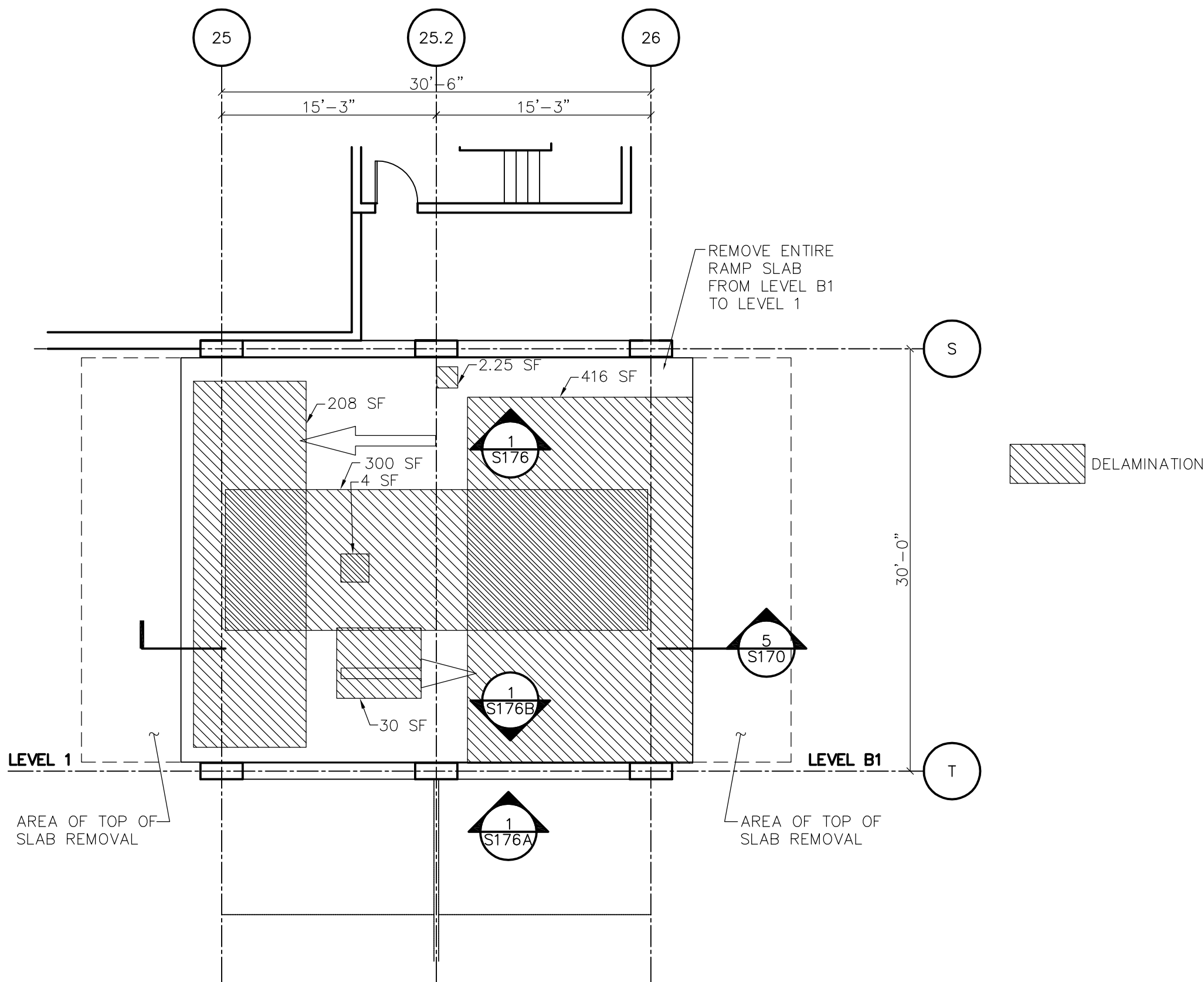
**RAMP (REPAIR) NOTES:**

- THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED, CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
- SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
- SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
- SEE S177 SERIES SHEETS FOR RAMP REPAIR ELEVATIONS.
- SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
- SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

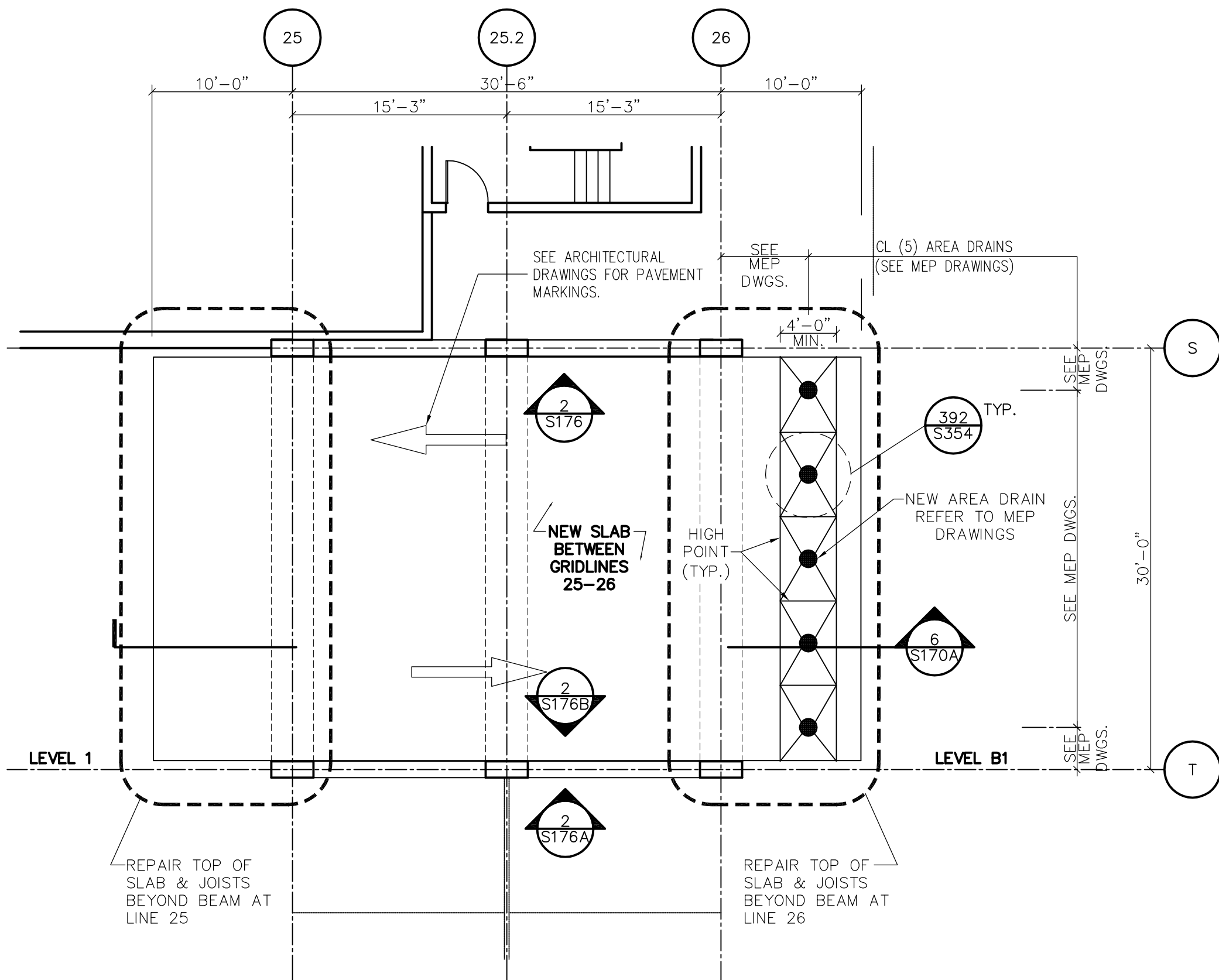
IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION
JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985		STRUCTURAL ENGINEER
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)		MEP ENGINEERS
7/23/2020 7/23/2020		DS DS
JC JC		RELEASE FOR BID FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY
RECORD DRAWING CERTIFICATION		
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES		
CONTRACTOR NAME SIGNATURE TITLE		PROJECT COORDINATOR NAME SIGNATURE TITLE
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		COUNTY MAPS 19-515 SHEET NUMBER S164
PARKING GARAGE RENOVATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK SOUTH RAMP PLANS (W-X)		SCALE: AS NOTED DATE: 7-23-2020 DW FILE NO.: 52-01-S-381-0





NORTH RAMP LEVEL B1 TO 1 PLAN (TOP) (EXISTING)  
SCALE: 1/8" = 1'-0"



NORTH RAMP LEVEL B1 TO 1 PLAN (TOP) (REPAIR)  
SCALE: 1/8" = 1'-0"

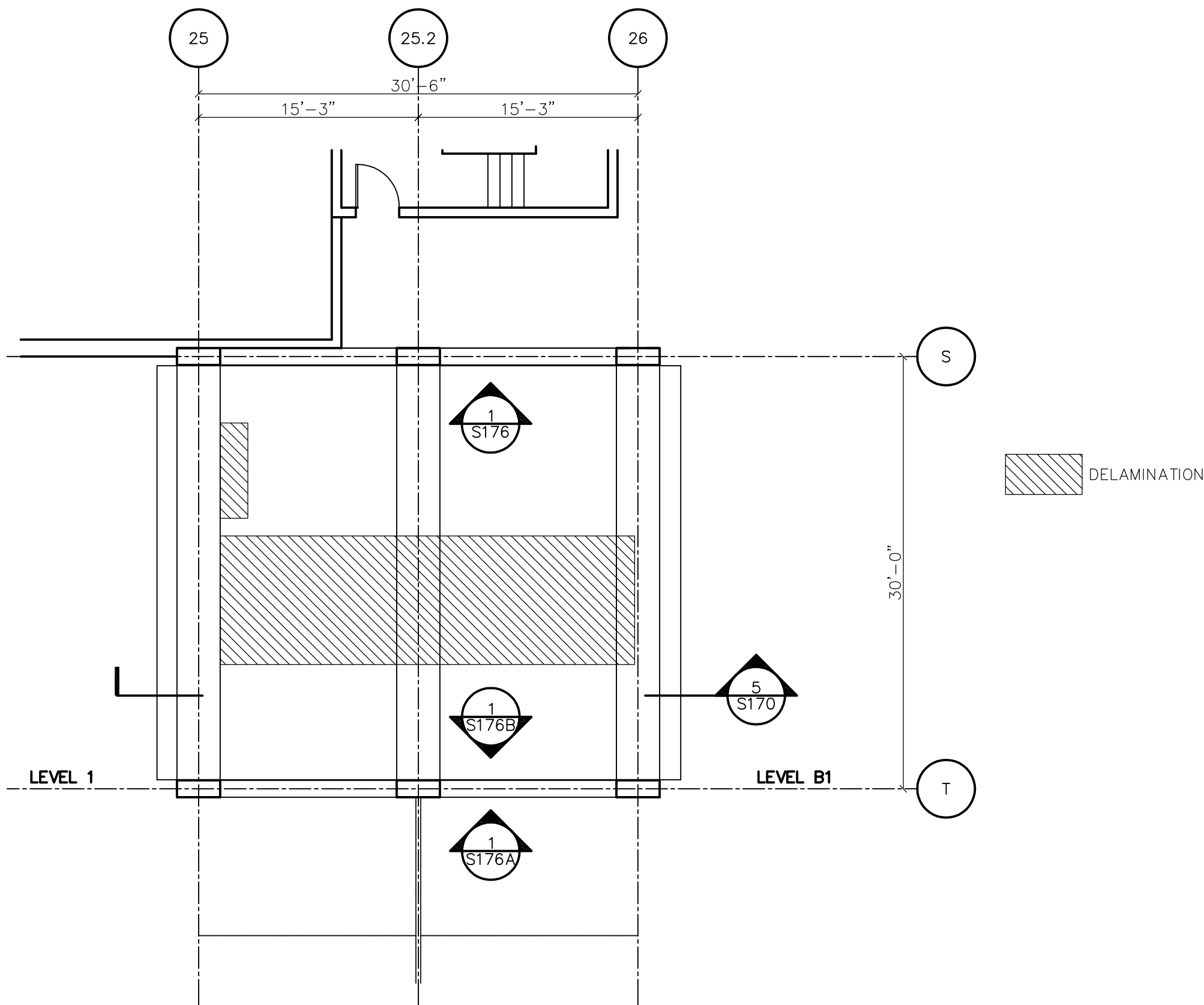
NEW SLAB AREA FOR RAMP LEVEL B1 TO LEVEL 1 – PHASE 1	
QTY.	DESCRIPTION
455 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)
909 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)
151 SF	FULL REPAIR AREA IN SQUARE FEET (SF)
1,515 SF	TOTAL SLAB REPAIR AREA IN SQUARE FEET (SF)
23 CY	TOTAL SLAB REPAIR IN CUBIC YARD (CY)

**RAMP (EXISTING) NOTES:**

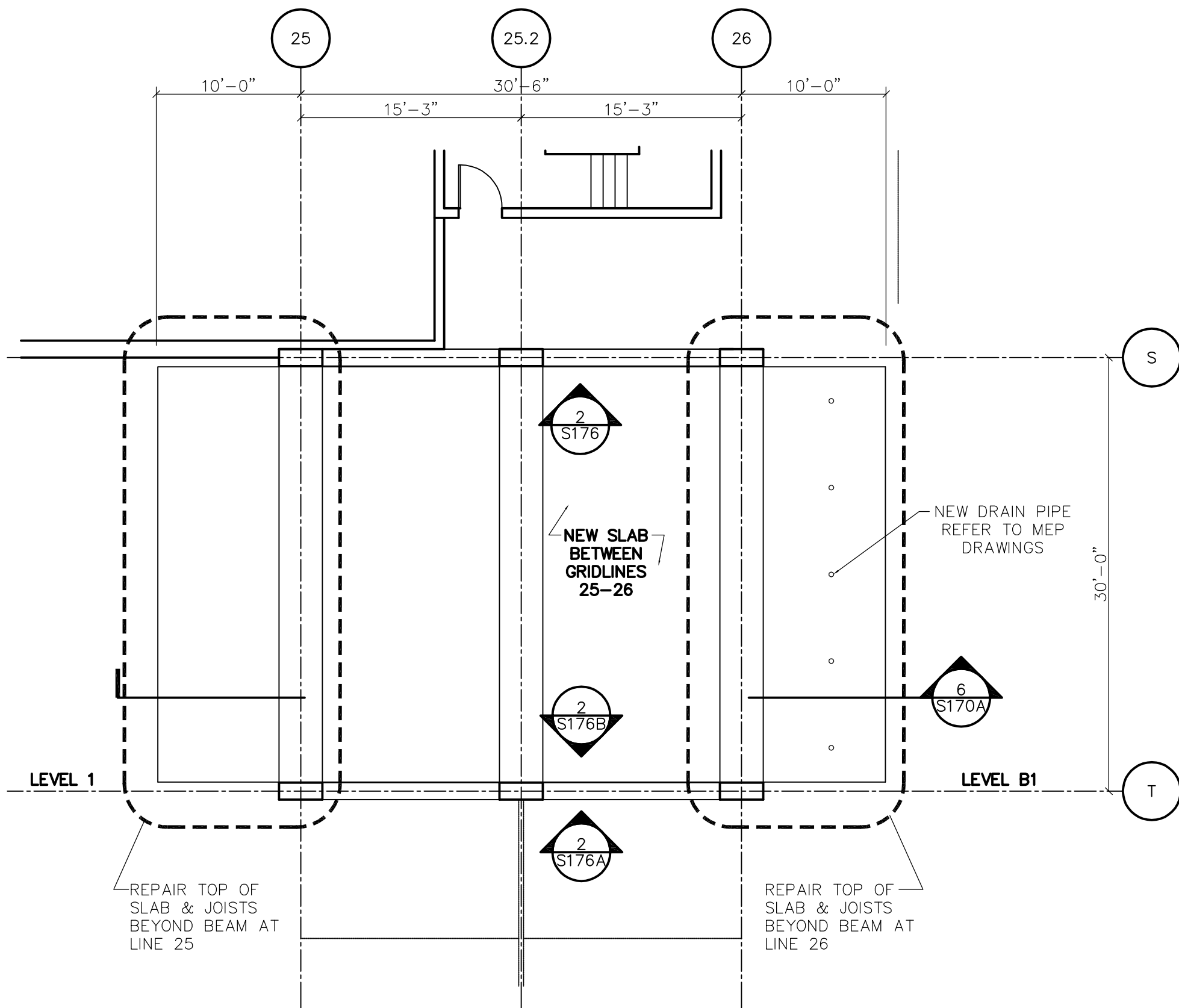
- SEE S176 SERIES SHEETS FOR EXISTING RAMP ELEVATIONS.
- SEE S180 SERIES SHEETS FOR EXISTING RAMP SECTIONS AND DETAILS.

**RAMP (REPAIR) NOTES:**

- THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
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- SEE S176 SERIES SHEETS FOR RAMP REPAIR ELEVATIONS.
- SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
- SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.



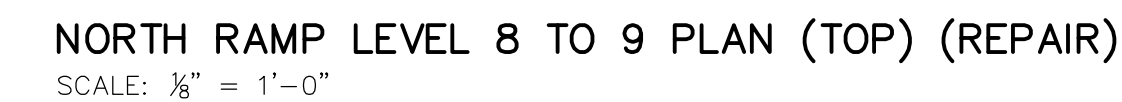
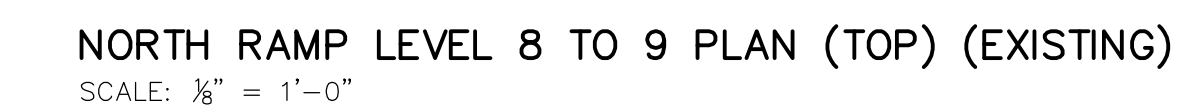
NORTH RAMP LEVEL B1 TO 1 PLAN (UNDERSIDE) (EXISTING)  
SCALE: 1/8" = 1'-0"



NORTH RAMP LEVEL B1 TO 1 PLAN (UNDERSIDE) (REPAIR)  
SCALE: 1/8" = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION
JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985		STRUCTURAL ENGINEER
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)		MEP ENGINEERS
7/23/2020 7/23/2020		DS DS
JC JC		RELEASE FOR BID FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY
REVISION		
RECORD DRAWING CERTIFICATION		
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES		
CONTRACTOR		PROJECT COORDINATOR
NAME	NAME	
SIGNATURE	SIGNATURE	
TITLE	TITLE	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		DATE
19-515		SHEET NUMBER
165		
PARKING GARAGE RENOVATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK NORTH RAMP PLANS (S-1)		DATE
7-23-2020		
52-01-S-382-0		

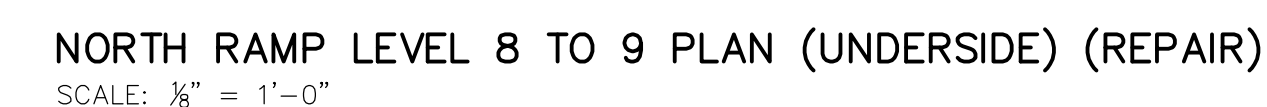


RAMP (EXISTING) NOTES:

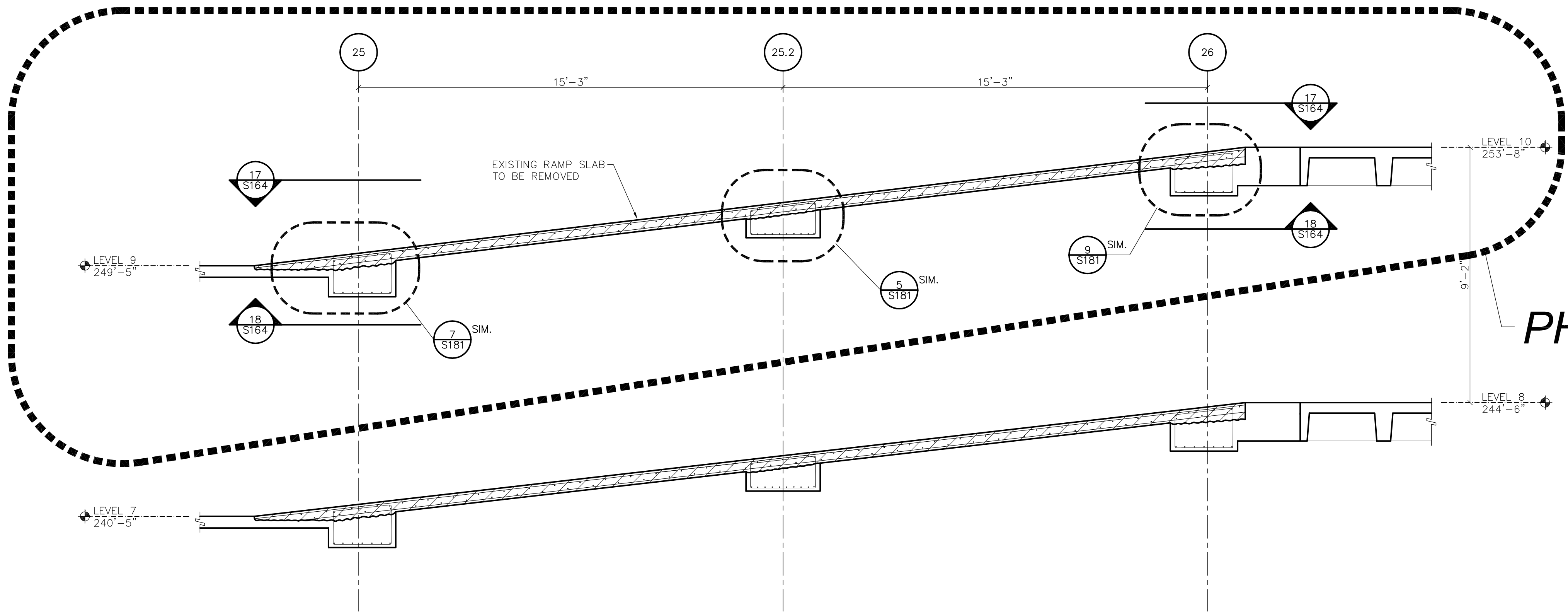
1. SEE S176 SERIES SHEETS FOR EXISTING RAMP ELEVATIONS.
2. SEE S180 SERIES SHEETS FOR EXISTING RAMP SECTIONS AND DETAILS.

RAMP (REPAIR) NOTES:

1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
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3. SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
4. SEE S176 SERIES SHEETS FOR RAMP REPAIR ELEVATIONS.
5. SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
6. SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

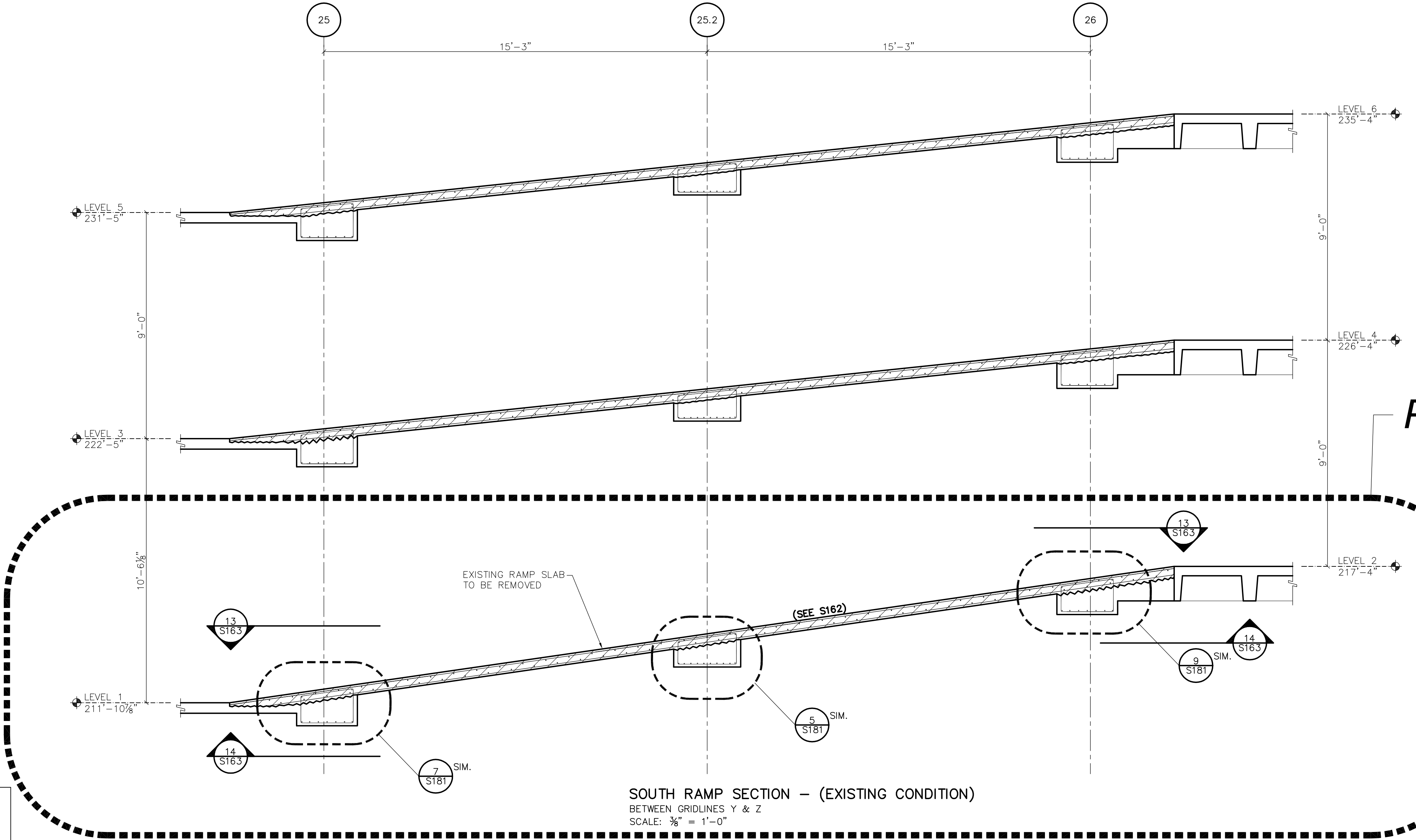


	7/23/2020	DS	JC	RELEASE FOR BID	
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING	
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	
RECORD DRAWING CERTIFICATION					
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CONTRACTOR				PROJECT COORDINATOR	
NAME		NAME			
SIGNATURE		SIGNATURE			
TITLE		TITLE		DATE	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING					
PARKING GARAGE RENOVATION - PHASE 1 MICHELMU OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK NORTH RAMP PLANS (S-T)				CONTRACT NUMBER 19-515 \$116	
SHEET NO. 36 OF 87 SCALE AS NOTED DATE: 7-23-2020				SHEET NUMBER 52-01-S-383-0	
GWP FILE NO. 52-01-S-383-0				NEW	



SOUTH RAMP SECTION - (EXISTING CONDITION)  
BETWEEN GRIDLINES W & X  
SCALE:  $\frac{3}{8}$ " = 1'-0"

PHASE 1



SOUTH RAMP SECTION - (EXISTING CONDITION)  
BETWEEN GRIDLINES Y & Z  
SCALE:  $\frac{3}{8}$ " = 1'-0"

PHASE 1

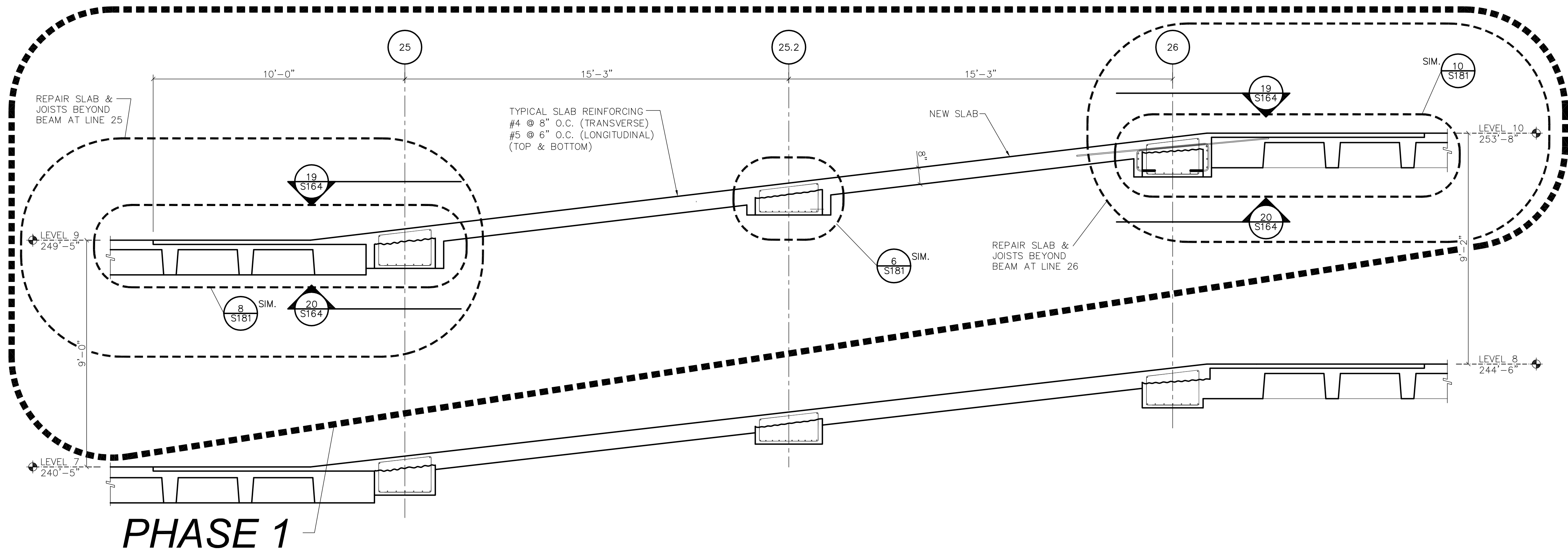
- RAMP (EXISTING) NOTES:**
1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
  2. SEE SHEETS S163 & S164 FOR EXISTING RAMP PLANS.
  3. SEE S180 SERIES SHEETS FOR EXISTING RAMP SECTIONS AND DETAILS.

**NOTE:**  
FOR EACH RAMP THAT IS SCHEDULED TO BE REPAIRED IN PHASE 1, BLOCK OFF THE RAMP BELOW WHILE THE RAMP IS BEING REPAIRED.

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

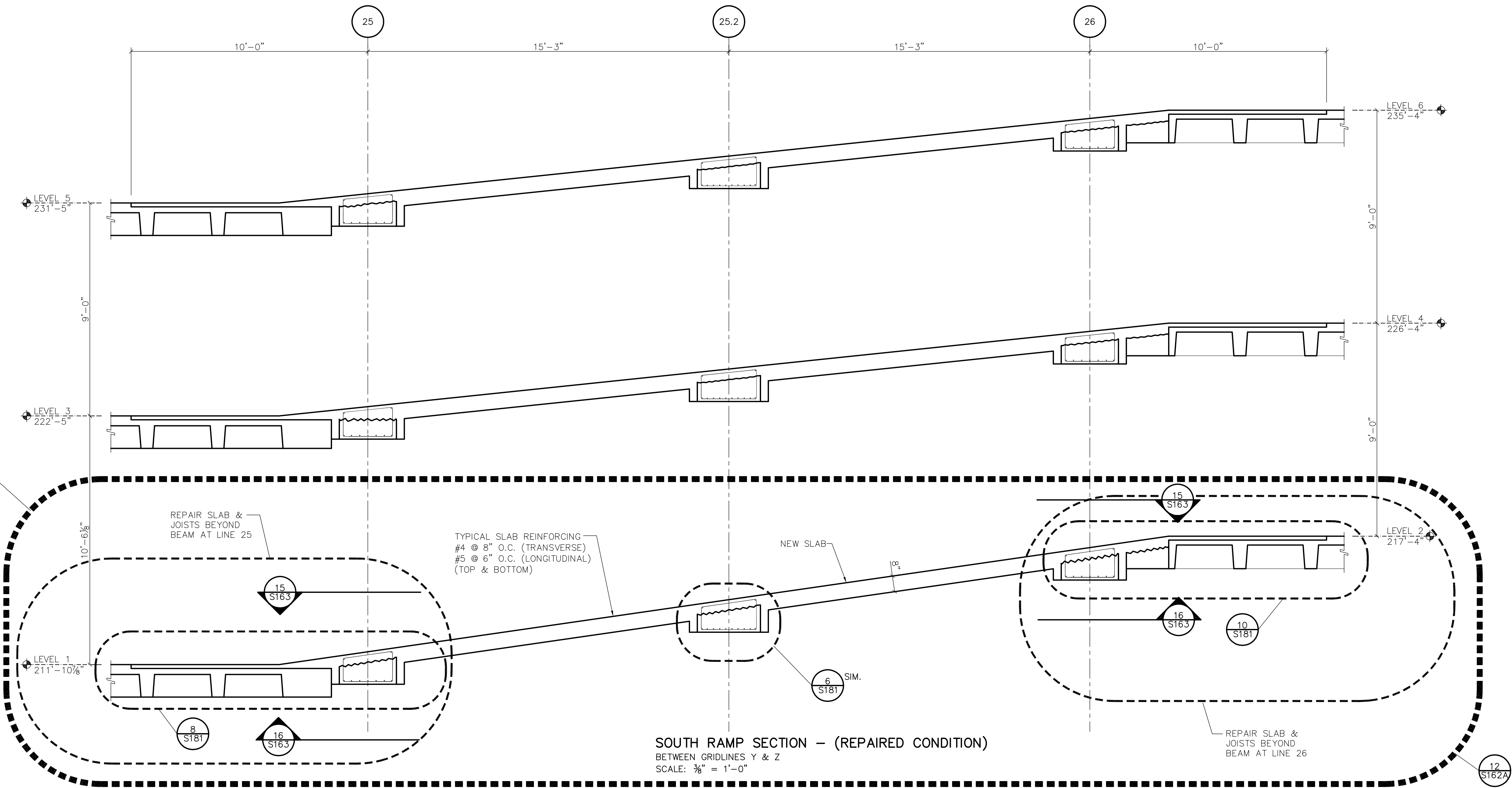
		ARCHITECTS												
Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115														
MICHAEL SCHULLER ATTURSON-WOLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION												
	JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER												
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (O)		MEP ENGINEERS												
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19-515	S169													
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK SOUTH RAMP SECTIONS - (EXISTING CONDITION)		<table><tr><td>SCALE</td><td>DATE</td><td>DATE</td></tr><tr><td>AS NOTED</td><td>7-23-2020</td><td></td></tr></table>	SCALE	DATE	DATE	AS NOTED	7-23-2020							
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AS NOTED	7-23-2020													





SOUTH RAMP SECTION - (REPAIRED CONDITION)  
BETWEEN GRIDLINES W & X  
SCALE: 3/8" = 1'-0"

3



SOUTH RAMP SECTION - (REPAIRED CONDITION)  
BETWEEN GRIDLINES Y & Z  
SCALE: 3/8" = 1'-0"

4

RAMP (REPAIR) NOTES:

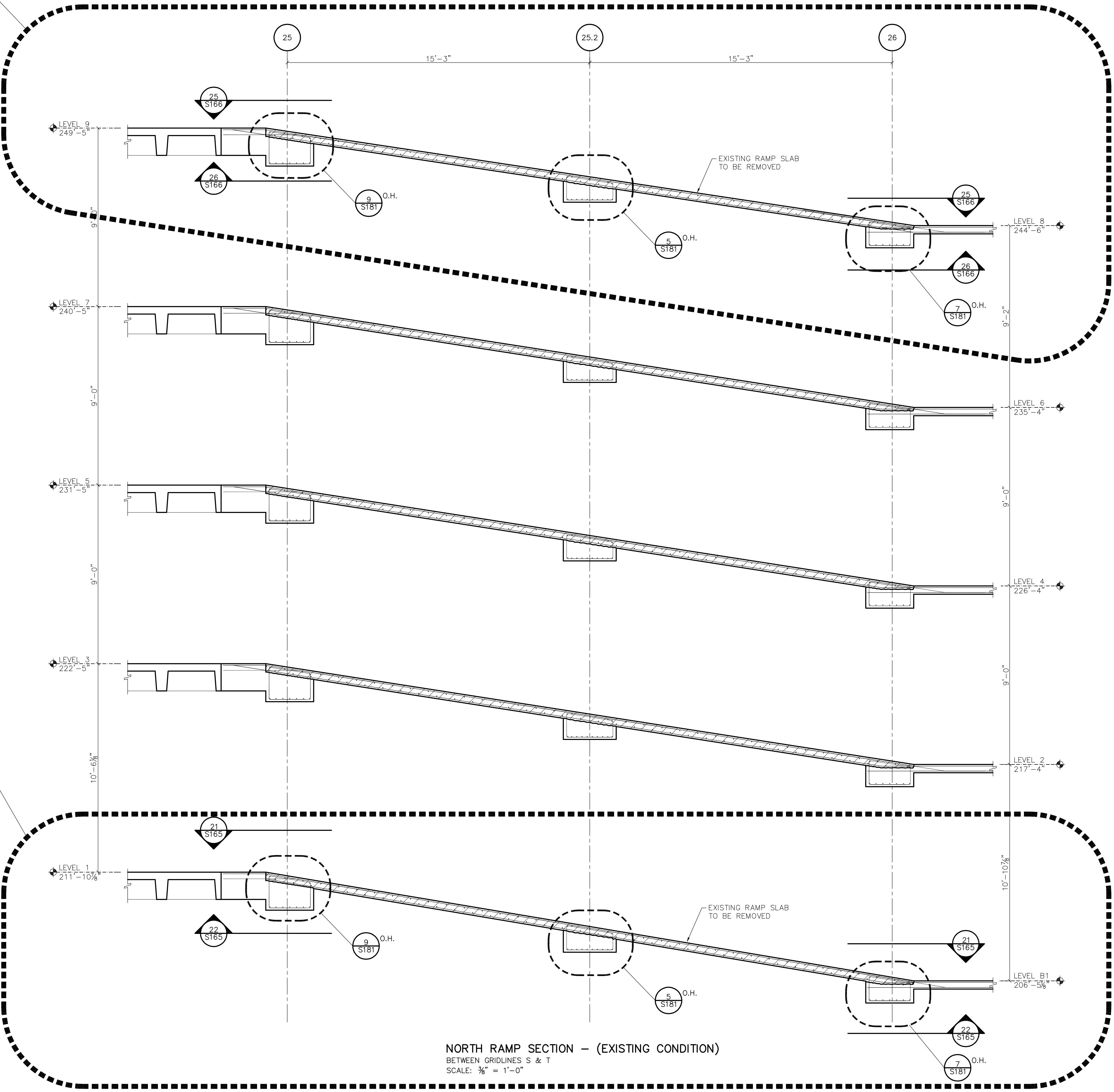
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2. SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
3. SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
4. SEE SHEETS S163 & S164 FOR RAMP REPAIR PLANS.
5. SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
6. SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

NOTE:  
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IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

 Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS										
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION										
 07/27/20	JEFFREY R. CARLSON, P.E. 60 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER										
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (O)		MEP ENGINEERS										
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CONTRACTOR NAME <u>WESTCHESTER COUNTY, NEW YORK</u> SIGNATURE <u>DEPARTMENT OF PUBLIC WORKS</u> TITLE <u>AND TRANSPORTATION</u>		PROJECT COORDINATOR NAME <u>MARK VELZY</u> SIGNATURE <u>CBK ENGINEERING, PC</u> TITLE <u>44-46 FOSTER ROAD</u>										
SHEET NO. 38 OF 97 19-515		SHEET NUMBER S169A										
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MAYTINE AVENUE, WHITE PLAINS, NEW YORK SOUTH RAMP SECTIONS - (REPAIRED CONDITION)		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.: 52-01-S-385-0										

PHASE 1



PHASE 1

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

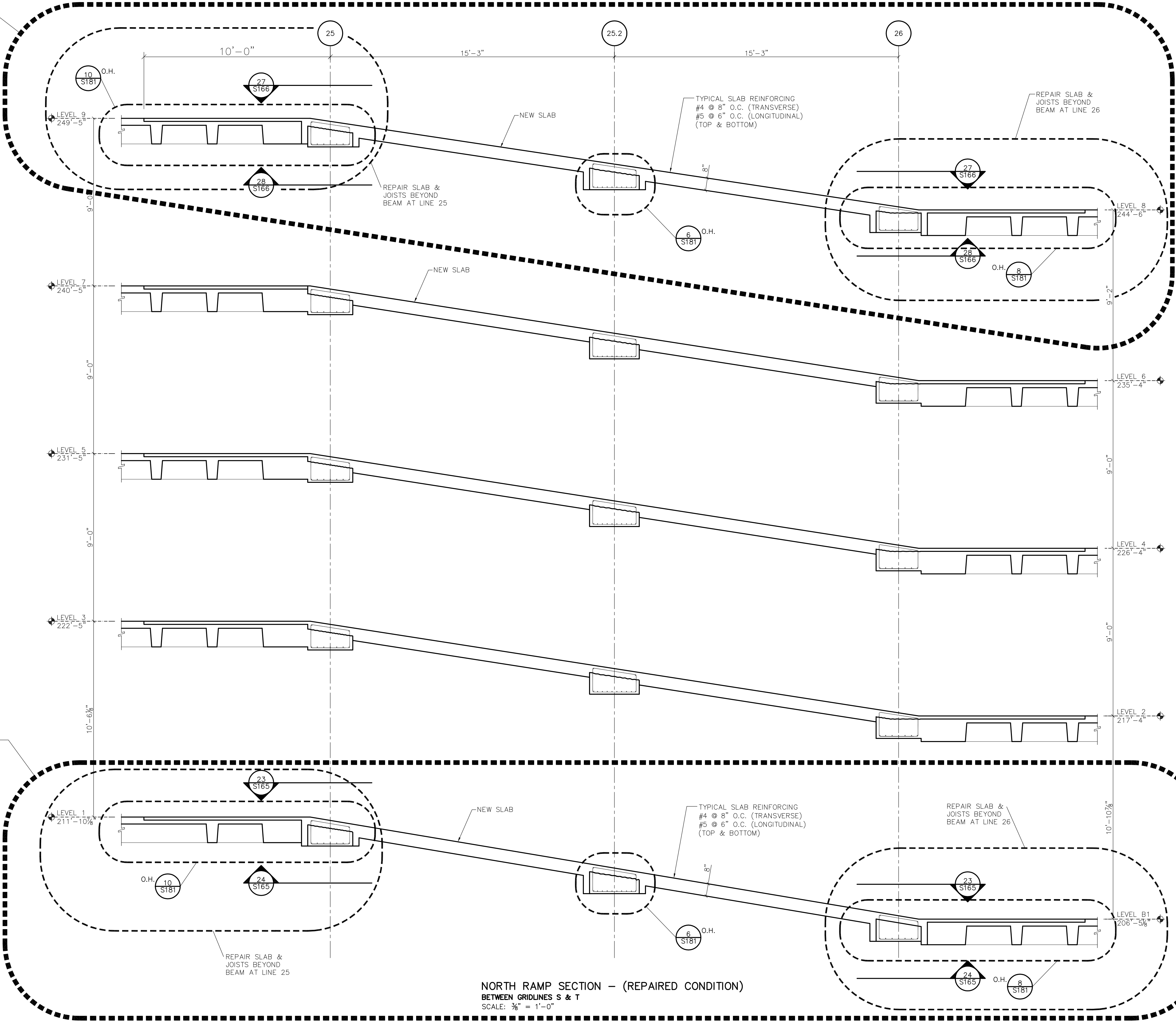
NORTH RAMP SECTION - (EXISTING CONDITION)  
BETWEEN GRIDLINES S & T  
SCALE: 3/8" = 1'-0"

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		ARCHITECTS									
Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		FORENSIC INVESTIGATION									
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		STRUCTURAL ENGINEER									
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 19-515 SHEET NUMBER S170									
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK NORTH RAMP SECTION - (EXISTING CONDITION)		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.: 52-01-S-386-0									

PHASE 1





PHASE 1

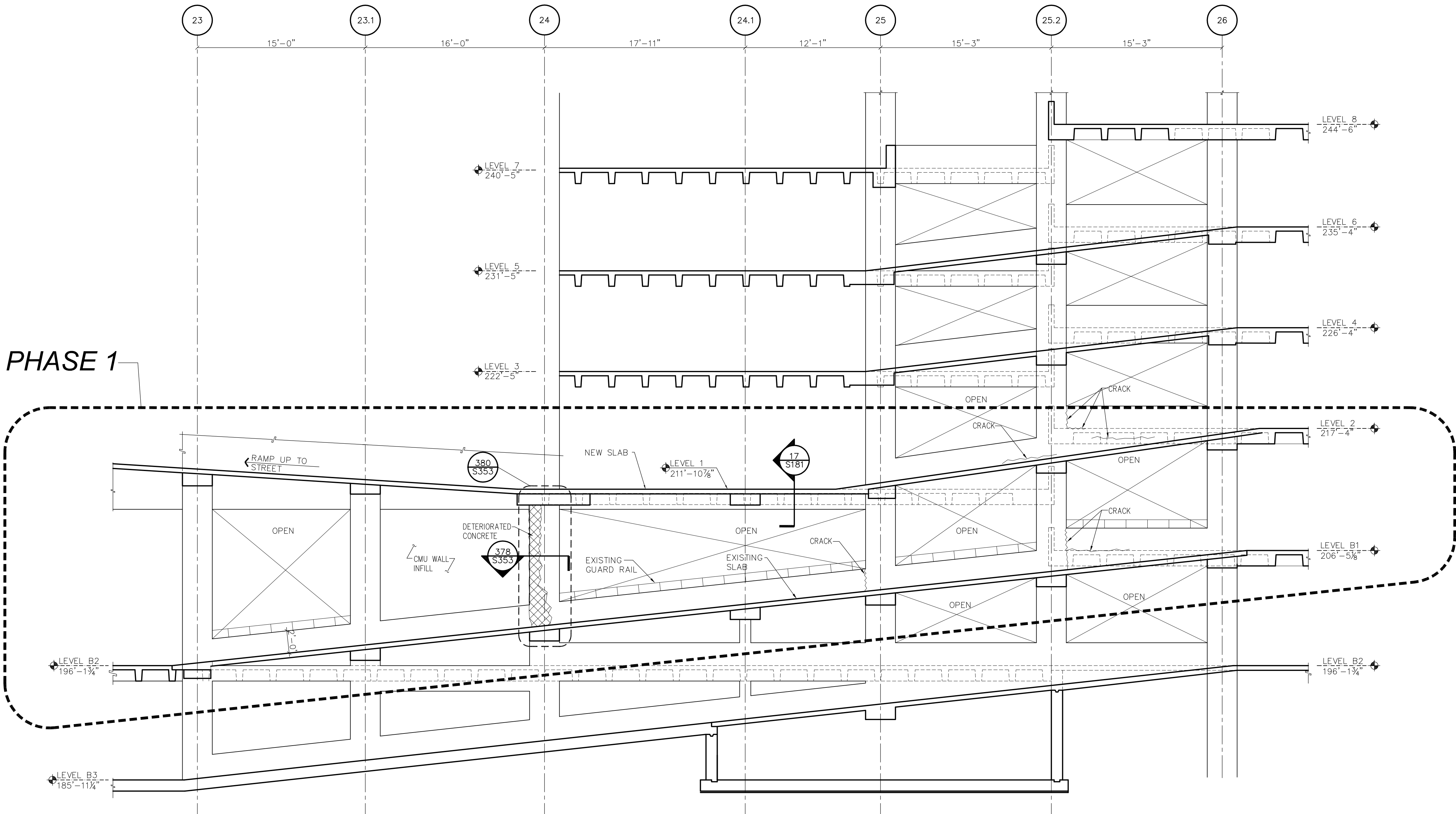
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MICHAEL SCHULLER ATTUNSON NOLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350		FORENSIC INVESTIGATION													
 07/27/20	JEFFREY R. CARLSON, P.E., S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER													
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PARKING GARAGE REHABILITATION - PHASE 1 MICHELEW OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK NORTH RAMP SECTION - (REPAIRED CONDITION)		SHEET NO. 40 OF 67 SCALE: AS NOTED DATE: 7-23-2020 DW FILE NO: 52-01-S-387-0													








SOUTH RAMP ELEVATION AT LINE Y LOOKING NORTH  
(EXISTING CONDITION VIEW)  
SCALE: 3/8" = 1'-0"

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<div></div> <div>Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115</div>				ARCHITECTS	
MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550				FORENSIC INVESTIGATION	
<div></div> <div>07/27/20</div>				JEFFREY R. CARLSON, P.E. S.E. 691 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)				MEP ENGINEERS	
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DATE			DATE		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			CONTRACT NUMBER 19-515		
PARKING GARAGE REHABILITATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK			SHEET NUMBER SHEET NO. 41 OF 87		
SOUTH RAMP ELEVATION AT LINE Y LOOKING NORTH (EXISTING CONDITION)			SCALE: AS NOTED DATE: 7-23-2020		
			DWG FILE NO.		
			52-01-S-388-0		
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SCALE:  $\frac{3}{16}" = 1'-0"$



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**Lothrop**  
Lothrop Associates LLP Architects  
333 Westchester Avenue  
White Plains, New York 10604  
914-741-1115

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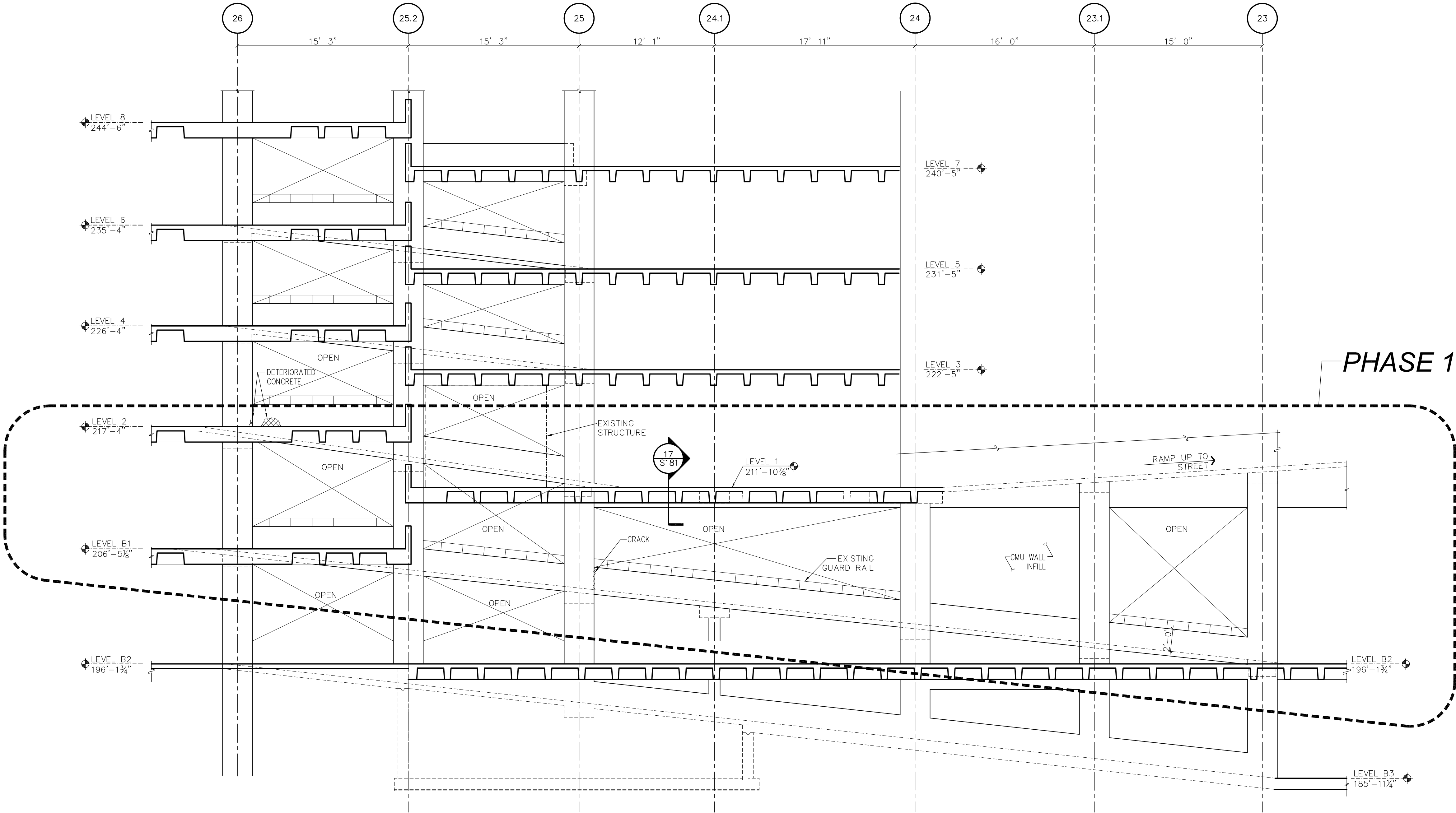
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WESTCHESTER COUNTY NEW YORK			

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING	19-515	S175A
	SHEET NO. 42 OF 97	
PARKING GARAGE REHABILITATION - PHASE 1 1. REMOVAL OF EXISTING PAVING	SCALE: AS NOTED DATE: 7-7-70	

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS





**SOUTH RAMP ELEVATION AT LINE Y LOOKING SOUTH  
(EXISTING CONDITION VIEW)**  
SCALE: 3/8" = 1'-0"

**NOTES:**

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING PARKING GARAGE REHABILITATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK		52-01-S-390-0																								

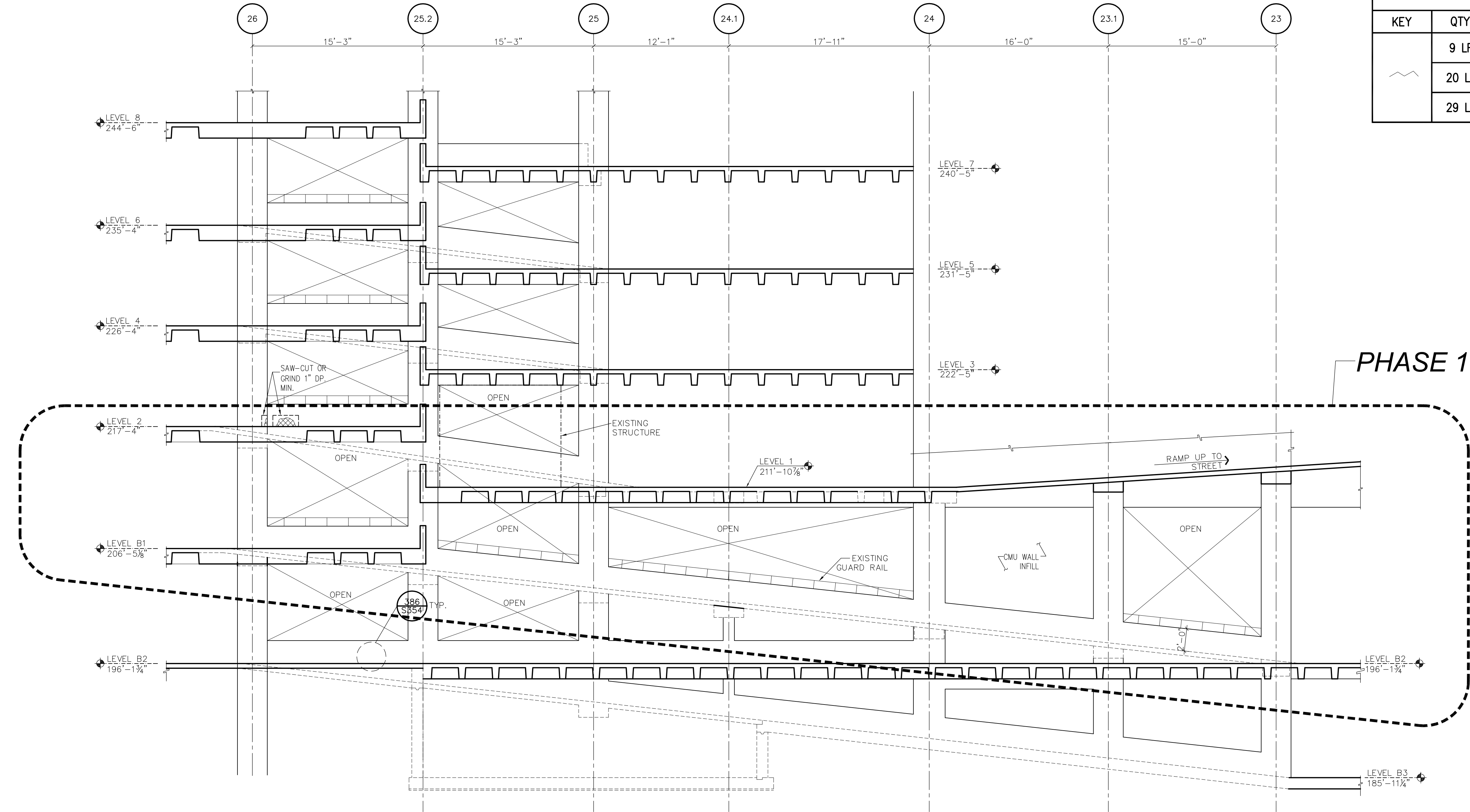


TOTAL ELEVATION AREA REPAIR – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	–	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	386/S354
	4 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	
	–	FULL REPAIR AREA IN SQUARE FEET (SF)	
	4 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	

TOTAL EPOXY INJECT OR GROUT AND SEAL – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	9 LF	EPOXY INJECT IN LINEAR FEET (LF)	390/S354
	20 LF	GROUT AND SEAL IN LINEAR FEET (SF)	
	29 LF	TOTAL EPOXY INJECT OR GROUT AND SEAL CRACK AREA FOR REPAIR IN LINEAR FEET (LF) (AS DIRECTED BY ENGINEER)	

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**SOUTH RAMP ELEVATION AT LINE Y LOOKING SOUTH  
(REPAIRED CONDITION VIEW)**  
SCALE: 3/8" = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
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 JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985		STRUCTURAL ENGINEER															
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (O)		MEP ENGINEERS															
<table><tr><td></td><td>7/23/2020</td><td>DS</td><td>JC</td><td>RELEASE FOR BID</td></tr><tr><td></td><td>7/23/2020</td><td>DS</td><td>JC</td><td>FOR COMMISSIONER MEETING</td></tr><tr><td>REVISION NUMBER</td><td>DATE</td><td>MADE BY</td><td>APPR'D BY</td><td>REVISION</td></tr></table>				7/23/2020	DS	JC	RELEASE FOR BID		7/23/2020	DS	JC	FOR COMMISSIONER MEETING	REVISION NUMBER	DATE	MADE BY	APPR'D BY	REVISION
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REVISION NUMBER	DATE	MADE BY	APPR'D BY	REVISION													
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		COUNTY MAPS: 19-515 SHEET NUMBER: S175C SHEET NO. 44 OF 97															
PARKING GARAGE REHABILITATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO. 52-01-S-391-0															

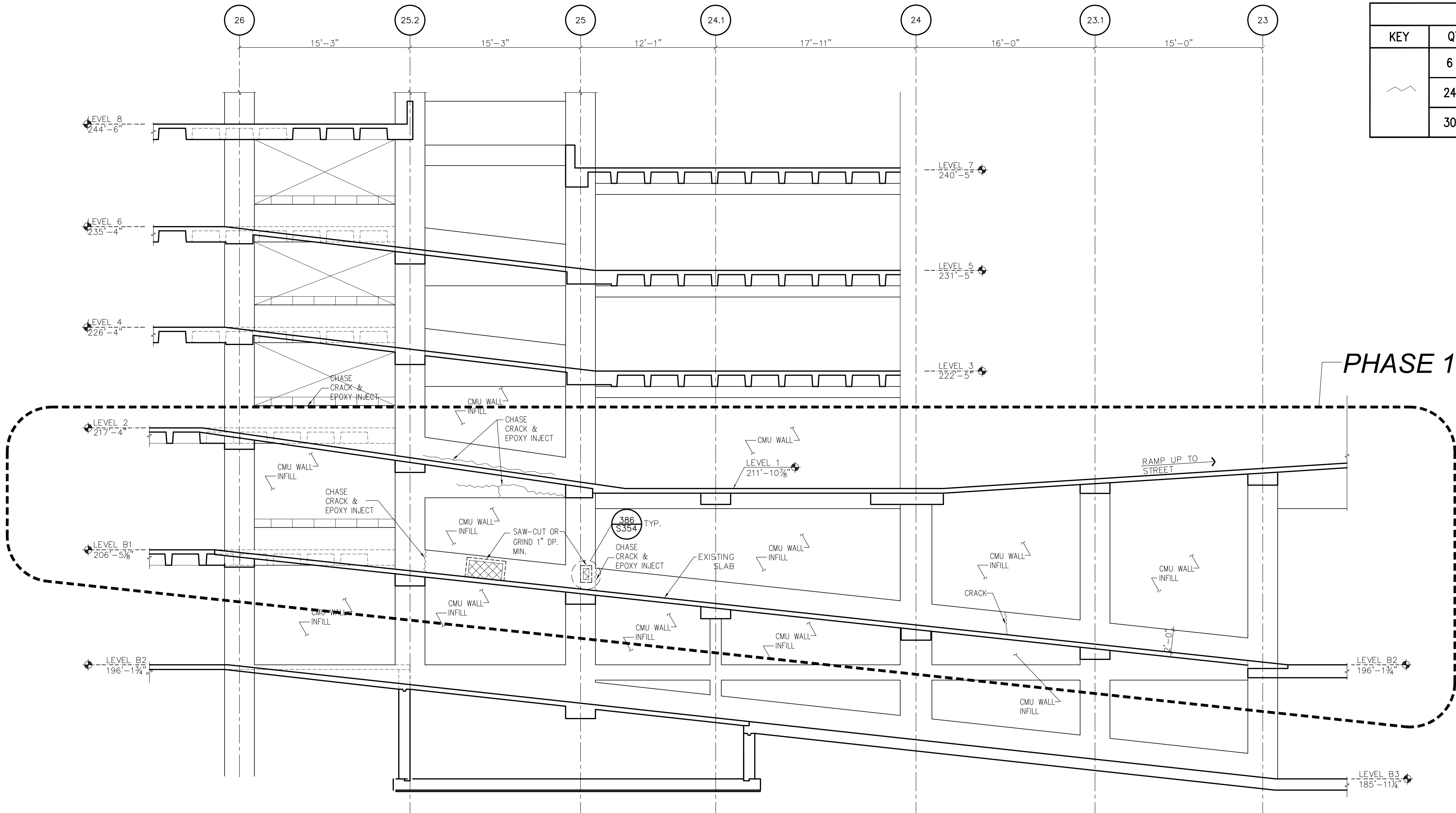


TOTAL ELEVATION AREA REPAIR – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	3 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	386/S354
	6 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	
	1 SF	FULL REPAIR AREA IN SQUARE FEET (SF)	
	10 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	

TOTAL EPOXY INJECT OR GROUT AND SEAL – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	6 LF	EPOXY INJECT IN LINEAR FEET (LF)	390/S354
	24 LF	GROUT AND SEAL IN LINEAR FEET (SF)	
	30 LF	TOTAL EPOXY INJECT OR GROUT AND SEAL CRACK AREA FOR REPAIR IN LINEAR FEET (LF) (AS DIRECTED BY ENGINEER)	

- NOTES:
- THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
  - SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
  - SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
  - SEE SHEETS 161A & S162A FOR REPAIRED RAMP PLANS.
  - SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
  - SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

NOTE:  
FOR EACH RAMP THAT IS SCHEDULED TO BE REPAIRED IN PHASE 1, BLOCK OFF THE RAMP BELOW WHILE THE RAMP IS BEING REPAIRED.



SOUTH RAMP ELEVATION AT LINE Z LOOKING SOUTH  
(REPAIRED CONDITION VIEW)  
SCALE: 3/16" = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

ARCHITECTS

**Lothrop**  
Lothrop Associates LLP Architects  
333 Westchester Avenue  
White Plains, New York 10604  
914-741-1115

FORENSIC INVESTIGATION

MICHAEL SCHULLER  
ATTURSON-INGLAND AND ASSOCIATES  
32 OLD SLIP, 8TH FLOOR  
NEW YORK, NEW YORK 10005  
917-647-9550

STRUCTURAL ENGINEER



JEFFREY R. CARLSON, P.E. S.E.  
601 WEST GOLF ROAD, SECOND FLOOR  
MOUNT PROSPECT, ILLINOIS 60056  
847-274-0985

MEP ENGINEERS

MARK VELZY  
CBK ENGINEERING, PC  
44-46 FOSTER ROAD  
HOPEWELL JUNCTION, NY 12533  
914-505-8161 (O)

	7/23/2020	DS	JC	RELEASE FOR BID
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

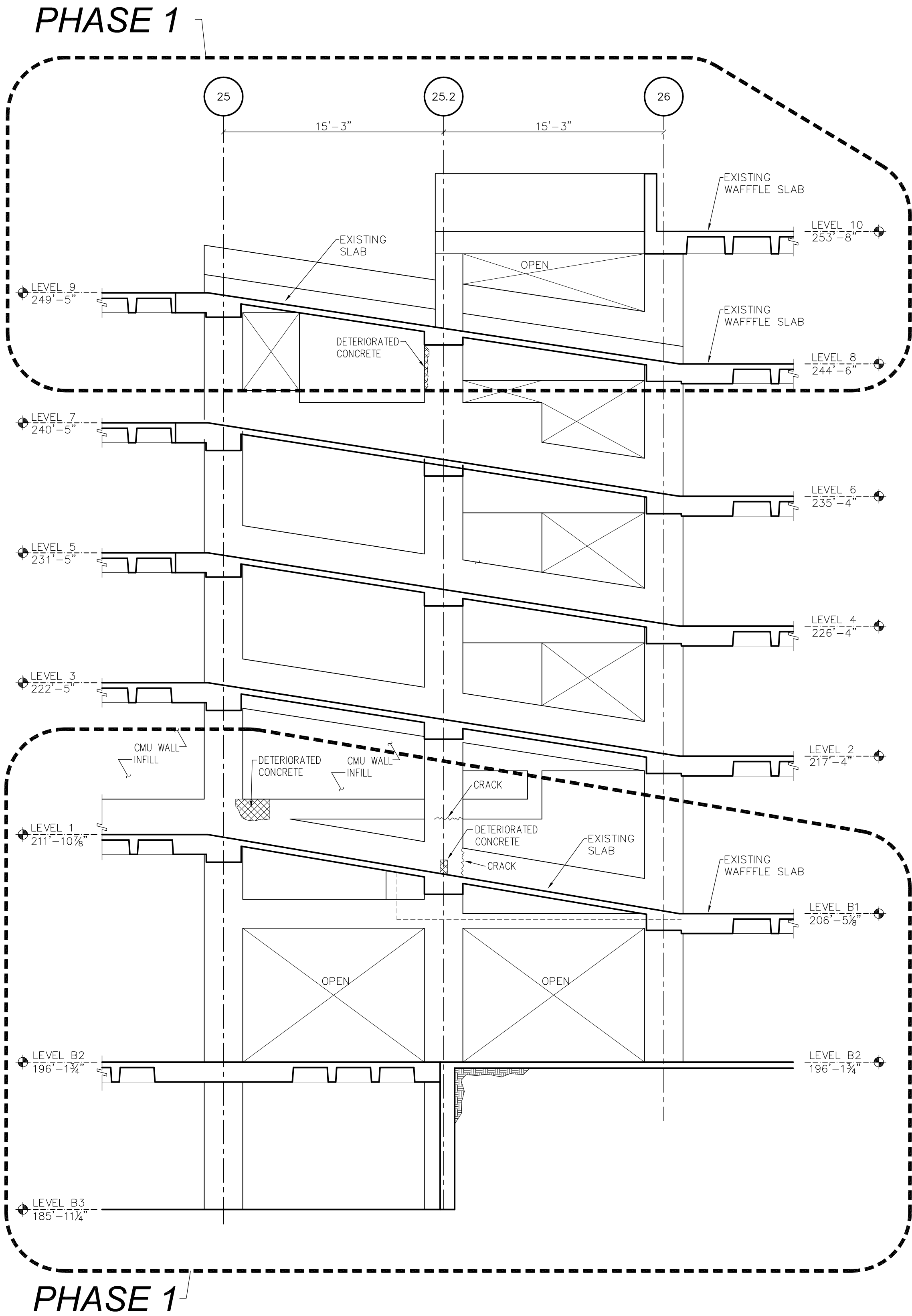
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SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
TITLE	TITLE	TITLE	TITLE
DATE	DATE	DATE	DATE
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 19-515	SHEET NUMBER S175E
PARKING GARAGE REHABILITATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK		SCALE: AS NOTED DATE: 7-25-2020 DWG FILE NO.	SHEET NO. 48 OF 97
SOUTH RAMP ELEVATION AT LINE Z LOOKING SOUTH (REPAIRED CONDITION)		52-01-S-393-0	1/2"

TOTAL ELEVATION AREA REPAIR – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	5 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	386/S354
	10 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	
	21 SF	FULL REPAIR AREA IN SQUARE FEET (SF)	
	17 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	

TOTAL EPOXY INJECT OR GROUT AND SEAL – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	2 LF	EPOXY INJECT IN LINEAR FEET (LF)	390/S354
	7 LF	GROUT AND SEAL IN LINEAR FEET (SF)	
	9 LF	TOTAL EPOXY INJECT OR GROUT AND SEAL CRACK AREA FOR REPAIR IN LINEAR FEET (LF) (AS DIRECTED BY ENGINEER)	

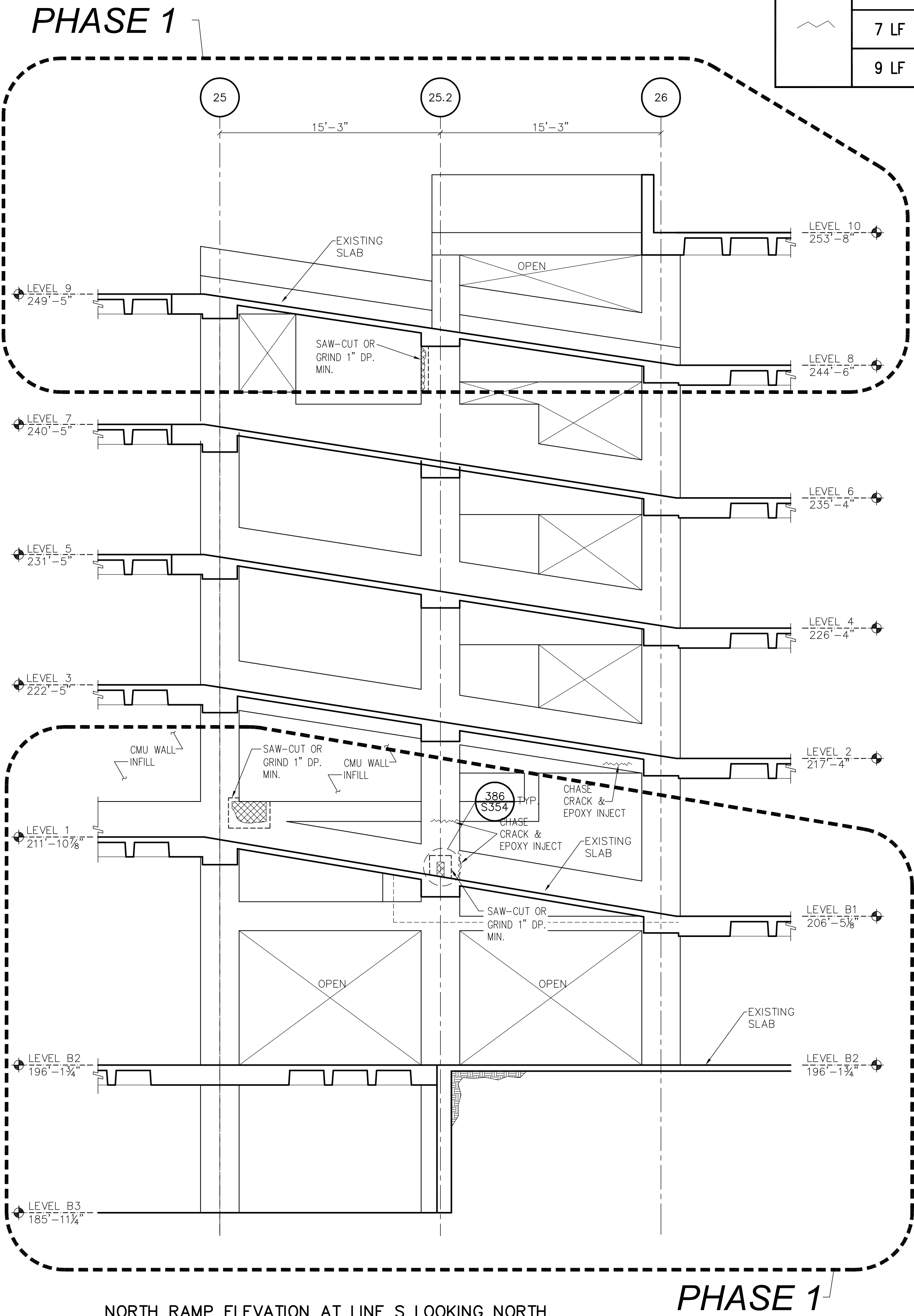
- NOTES:**
- SEE S160 SERIES SHEETS FOR EXISTING RAMP PLANS.
- NOTES:**
- THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
  - SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
  - SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
  - SEE S160 SERIES SHEETS FOR REPAIRED RAMP PLANS.
  - SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
  - SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

NOTE:  
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IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

**NORTH RAMP ELEVATION AT LINE S LOOKING NORTH  
(EXISTING CONDITION VIEW)**  
SCALE: 3/8" = 1'-0"



**NORTH RAMP ELEVATION AT LINE S LOOKING NORTH  
(REPAIRED CONDITION VIEW)**  
SCALE: 3/8" = 1'-0"

 Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION
 JEFFREY R. CARLSON, P.E. 691 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985		STRUCTURAL ENGINEER
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)		MEP ENGINEERS

7/23/2020	DS	JC	RELEASE FOR BID	
7/23/2020	DS	JC	FOR COMMISSIONER MEETING	
REVISION NUMBER	DATE	MADE BY	APPD BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR NAME <u>WESTCHESTER COUNTY, NEW YORK</u> SIGNATURE <u>DEPARTMENT OF PUBLIC WORKS</u> TITLE <u>DIVISION OF ENGINEERING</u>		PROJECT COORDINATOR NAME <u>MARK VELZY</u> SIGNATURE <u>CBK ENGINEERING, PC</u> TITLE <u>44-46 FOSTER ROAD</u>	
CONTRACT NUMBER <u>19-515</u>		SHEET NUMBER <u>S176</u>	
SHEET NO. <u>47</u> OF <u>97</u>		SCALE <u>AS NOTED</u>	
DATE <u>7-23-2020</u>		DWG FILE NO. <u>52-01-S-394-0</u>	

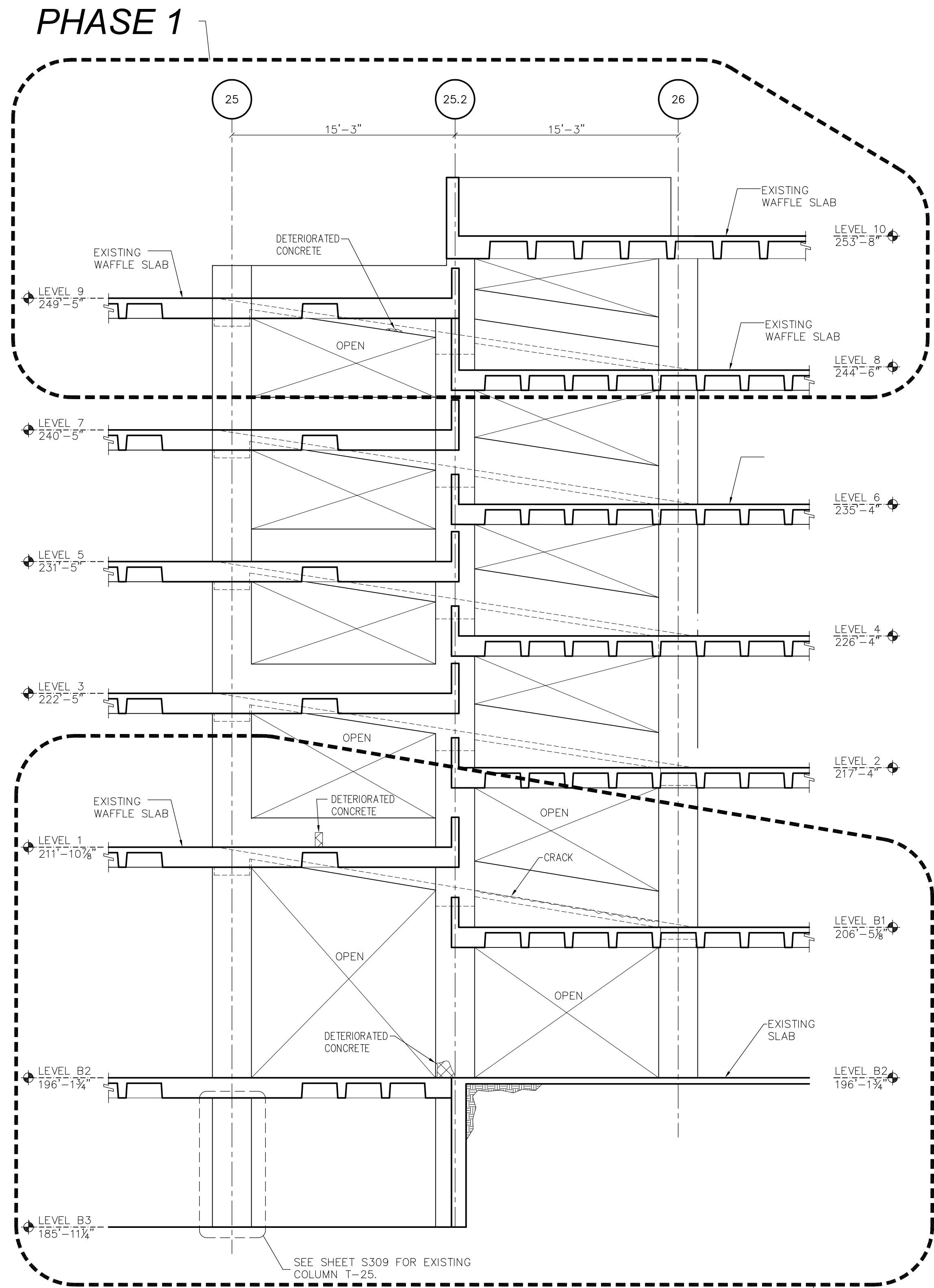


TOTAL ELEVATION AREA REPAIR – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	4 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	386/S354
	8 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	
	1 SF	FULL REPAIR AREA IN SQUARE FEET (SF)	
	13 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	

TOTAL EPOXY INJECT OR GROUT AND SEAL – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	3 LF	EPOXY INJECT IN LINEAR FEET (LF)	390/S354
	11 LF	GROUT AND SEAL IN LINEAR FEET (SF)	
	14 LF	TOTAL EPOXY INJECT OR GROUT AND SEAL CRACK AREA FOR REPAIR IN LINEAR FEET (LF) (AS DIRECTED BY ENGINEER)	

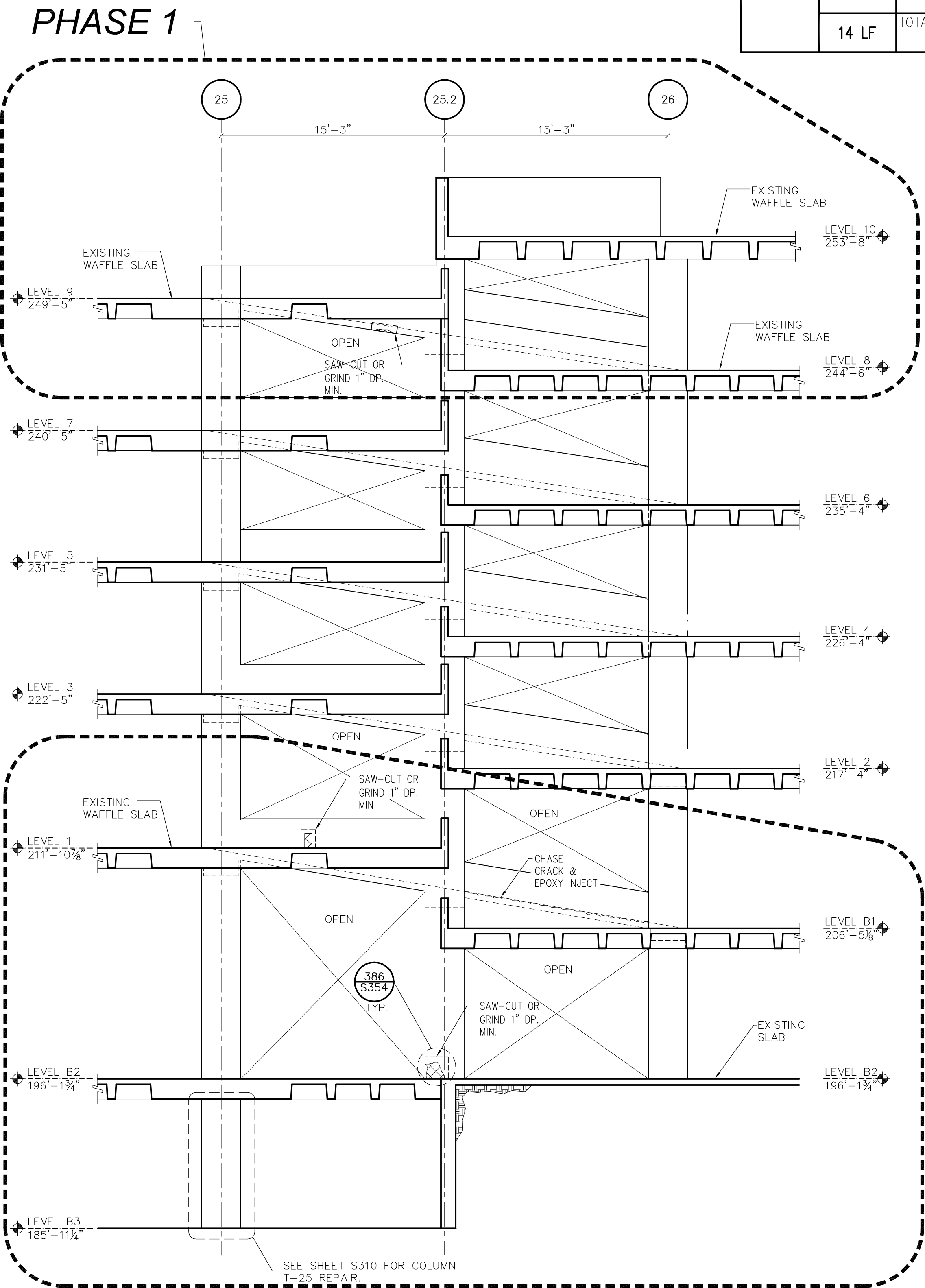
- NOTES:**
- SEE S160 SERIES SHEETS FOR EXISTING RAMP PLANS.
- NOTES:**
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  - SEE S160 SERIES SHEETS FOR REPAIRED RAMP PLANS.
  - SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
  - SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

**NOTE:**  
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**NORTH RAMP ELEVATION AT LINE T LOOKING NORTH  
(EXISTING CONDITION VIEW)**  
SCALE: 3/8" = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS



**NORTH RAMP ELEVATION AT LINE T LOOKING NORTH  
(REPAIRED CONDITION VIEW)**  
SCALE: 3/8" = 1'-0"

	<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS
	MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION
	JEFFREY R. CARLSON, P.E. S.E. 691 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985		STRUCTURAL ENGINEER
07/27/20	MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)		MEP ENGINEERS

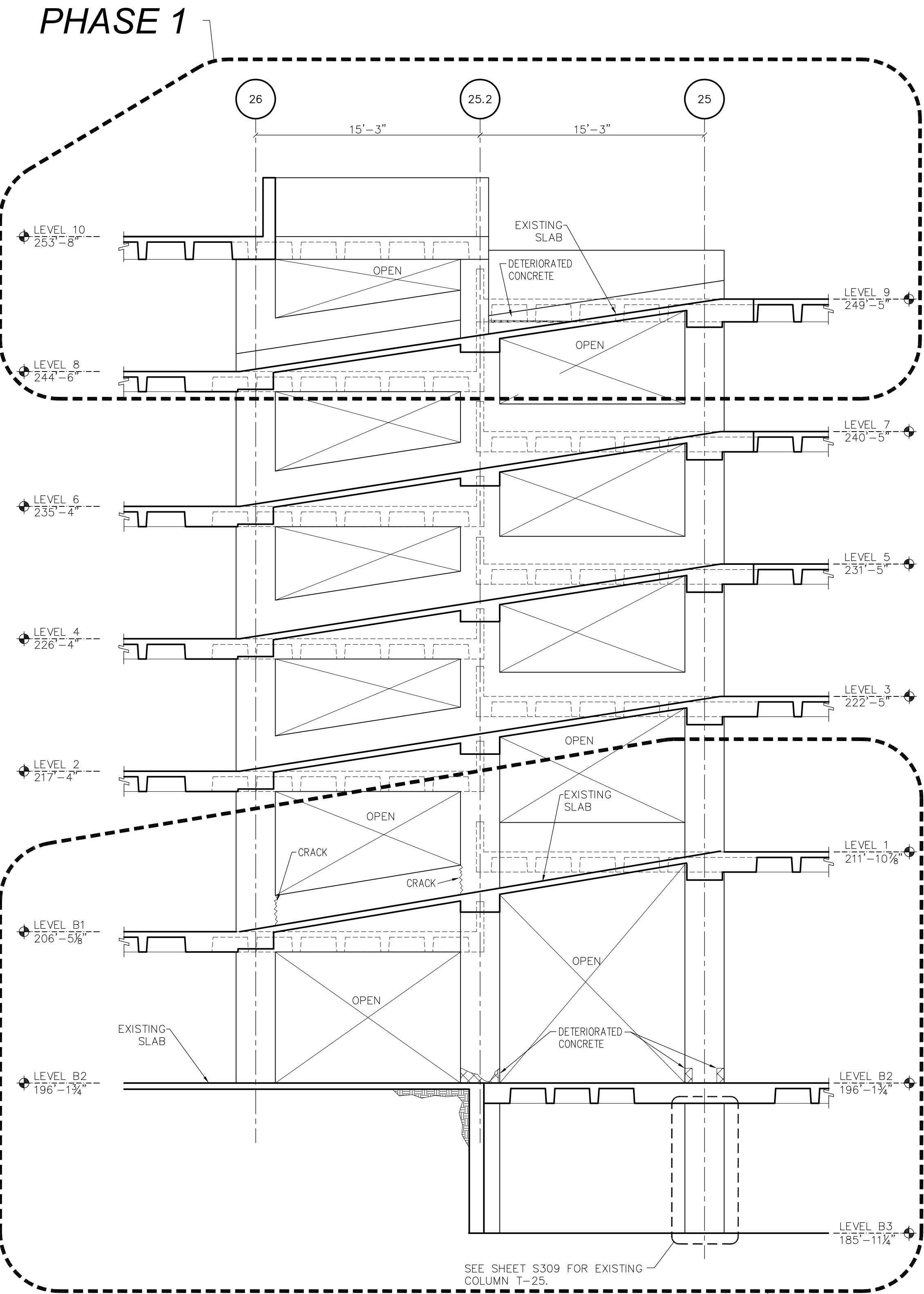
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	7/23/2020	DS	JC	FOR COMMISSIONER MEETING
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CONTRACTOR			PROJECT COORDINATOR	
NAME _____ SIGNATURE _____ TITLE _____			NAME _____ SIGNATURE _____ TITLE _____	
DATE _____			DATE _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			SHEET NUMBER 19-515 S176A	
PARKING GARAGE RENOVATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK			SHEET NO. 48 OF 97	
NORTH RAMP ELEVATION AT LINE T LOOKING NORTH (EXISTING AND REPAIRED CONDITION)			SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO. 52-01-S-395-0	

TOTAL ELEVATION AREA REPAIR – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	4 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	386/S354
	8 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	
	1 SF	FULL REPAIR AREA IN SQUARE FEET (SF)	
	13 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	

TOTAL EPOXY INJECT OR GROUT AND SEAL – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	3 LF	EPOXY INJECT IN LINEAR FEET (LF)	390/S354
	11 LF	GROUT AND SEAL IN LINEAR FEET (SF)	
	14 LF	TOTAL EPOXY INJECT OR GROUT AND SEAL CRACK AREA FOR REPAIR IN LINEAR FEET (LF) (AS DIRECTED BY ENGINEER)	

- NOTES:**
- SEE S160 SERIES SHEETS FOR EXISTING RAMP PLANS.
- NOTES:**
- THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
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  - SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
  - SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

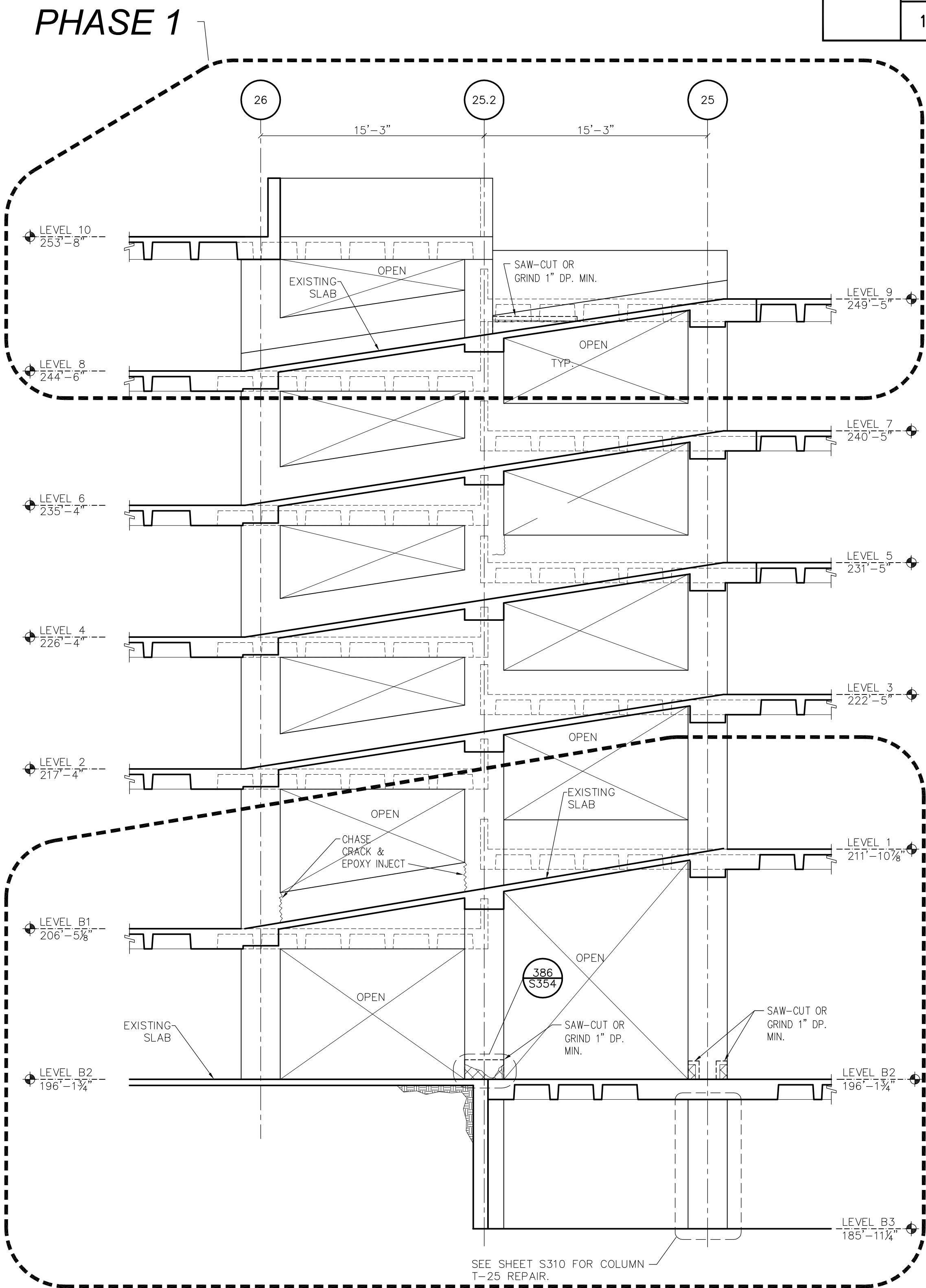
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IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS





**NORTH RAMP ELEVATION AT LINE T LOOKING SOUTH  
(EXISTING CONDITION VIEW)**  
SCALE: 3/8" = 1'-0"

**PHASE 1**



**NORTH RAMP ELEVATION AT LINE T LOOKING SOUTH  
(REPAIRED CONDITION VIEW)**  
SCALE: 3/8" = 1'-0"

**PHASE 1**

		ARCHITECTS		
		Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		
	FORENSIC INVESTIGATION			
	MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350			
	STRUCTURAL ENGINEER			
	JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985			
	MEP ENGINEERS			
	MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)			
07/27/20				
7/23/2020		DS	JC	RELEASE FOR BID
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CONTRACTOR			PROJECT COORDINATOR	
NAME		NAME		
SIGNATURE		SIGNATURE		
TITLE		TITLE		
DATE		DATE		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER		SHEET NUMBER
PARKING GARAGE RENOVATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK		19-515		S1768
NORTH RAMP ELEVATION AT LINE T LOOKING SOUTH (EXISTING AND REPAIRED CONDITION)		SHEET NO. 48 OF 87 SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.		52-01-S-396-0

Architectural section drawing showing a building facade with levels 7, 8, 9, and 10. The drawing includes structural elements like slabs and columns, and labels for 'EXISTING SLAB', 'EXISTING PATCH', and 'OPEN' areas. Dimensions for column spacing (15'-3") and level elevations (e.g., Level 9 at 249'-5") are provided.

SCALE:  $\frac{3}{16}" = 1'-0"$

1

SCALE:  $\frac{3}{16}" = 1'-0"$

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SCALE:  $\frac{3}{16}" = 1'-0"$


2

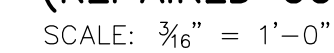
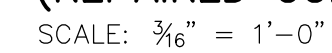
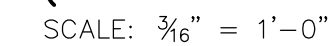
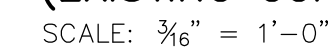
Architectural section drawing showing three levels (7, 8, 9) and three columns (25, 25.2, 26). The drawing includes dimensions for column spacing (15'-3") and level elevations (e.g., LEVEL 10 at 253'-8", LEVEL 9 at 249'-5", LEVEL 8 at 244'-6", LEVEL 7 at 240'-5"). The word "OPEN" is used to indicate openings in the facade.

SCALE:  $\frac{3}{16}" = 1'-0"$

4

NOTE:  
FOR EACH RAMP THAT IS SCHEDULED TO  
BE REPAIRED IN PHASE 1, BLOCK OFF  
THE RAMP BELOW WHILE THE RAMP IS  
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<h1 style="margin: 0;">Lothrop</h1> <p style="margin: 0;">Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115</p>				ARCHITECTS	
MICHAEL SCHULLER ATTORNEY-IN-CHARGE AND ASSOCIATES 32 OLD SLIP, 0TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350				FORENSIC INVESTIGATION	
				STRUCTURAL ENGINEER	
JEFFRY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-744-0985				MEP ENGINEERS	
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD ROSELAND, NEW YORK 11553 914-509-8161 (O)					
7/23/2020		DS	JC	RELEASE FOR BID	
7/23/2020		DS	JC	FOR COMMISSIONER MEETING	
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	
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<b>CONTRACTOR</b>				<b>PROJECT COORDINATOR</b>	
<b>DATE</b>				<b>DATE</b>	
<b>TITLE</b>				<b>TITLE</b>	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				WORK ORDER NO. 19-515 SHEET NO. 50 OF 87 SCALE: AS NOTED DATE: 7-25-2020 DWP FILE NO. 52-01-S-397-0	
PARKING GARAGE REMEDIATION – PHASE 1 MICHELEIN OFFICE BUILDING 148 MARITIME AVENUE, WHITE PLAINS, NEW YORK					
NORTH AND SOUTH RAMP ELEVATIONS AT LINE 1 (EXISTING AND REPAIRED CONDITION)					



2


NOTES:

1. SEE S160 SERIES SHEETS FOR EXISTING RAMP PLANS.

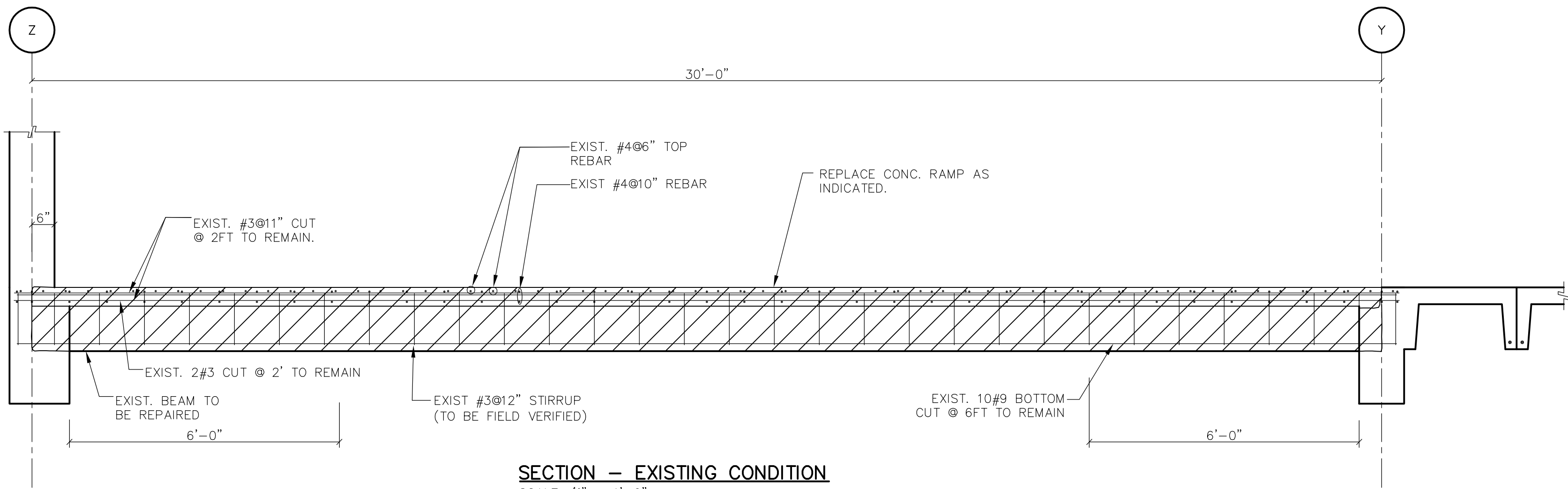
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3. SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
4. SEE S160 SERIES SHEETS FOR REPAIRED RAMP PLANS.
5. SEE S180 SERIES SHEETS FOR RAMP SECTIONS AND REPAIR DETAILS.
6. SEE 350 SERIES SHEETS FOR GENERAL REPAIR DETAILS.

NOTE:  
FOR EACH RAMP THAT IS SCHEDULED TO  
BE REPAIRED IN PHASE 1, BLOCK OFF  
THE RAMP BELOW WHILE THE RAMP IS  
BEING REPAIRED.

						<b>ARCHITECTS</b>
<h1 align="center">Lothrop</h1> <p align="center"><b>Lothrop Associates LLP Architects</b>          333 Westchester Avenue          White Plains, New York 10604          914-741-1115</p>						
<b>MICHAEL SCHILLER</b> ATKINSON-HOLAND AND ASSOCIATES 32 OLD SLP, 0TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550						<b>FORENSIC INVESTIGATION</b>
		<b>JEFFERY R. CARLSON, P.E., S.E.</b> 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985				<b>STRUCTURAL ENGINEER</b>
07/27/20						<b>MEP ENGINEERS</b>
		<b>MARK VELZY</b> CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPKENS JUNCTION, NY 12533 914-509-8161 (O)				
	7/23/2020	DS	JC	RELEASE FOR BID		
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING		
<b>REVISION NUMBER</b>	<b>DATE</b>	<b>MADE BY</b>	<b>APP'D BY</b>	<b>REVISION</b>		
<b>RECORD DRAWING CERTIFICATION</b>						
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<b>CONTRACTOR</b>				<b>PROJECT COORDINATOR</b>		
NAME _____ SIGNATURE _____ TITLE _____ DATE _____				NAME _____ SIGNATURE _____ DATE _____		
<div style="text-align: center;"> <b>WESTCHESTER COUNTY, NEW YORK</b>  <b>DEPARTMENT OF PUBLIC WORKS</b>  <b>AND TRANSPORTATION</b>  <small>DIVISION OF ENGINEERING</small> </div>						
<b>PARKING GARAGE REHABILITATION – PHASE 1</b> <b>MICHAEL OTTIZ BUILDING</b> <b>148 MARTINE AVENUE, WHITE PLAINS, NEW YORK</b> <b>NORTH AND SOUTH RAMP ELEVATIONS AT LINE X (EXISTING AND REPAIRED CONDITION)</b>				<b>CONTRACT NUMBER</b> <b>19–515</b>	<b>SHEET NUMBER</b> <b>S177A</b>	<b>SHEET NO. 01 OF 07</b>  <b>SCALE: AS NOTED</b> <b>REV. 7-23-2020</b>  <b>DWG FILE NO.</b> <b>52-01—S—398-0</b>
				<b>REV.</b>		



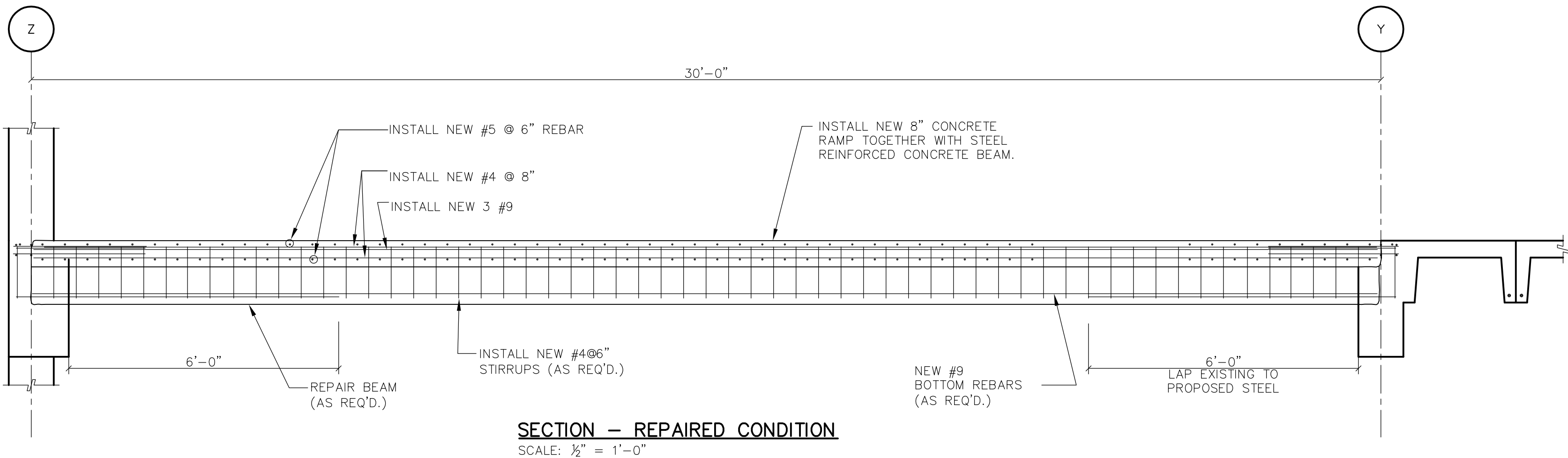


SECTION - EXISTING CONDITION  
SCALE: 1/2" = 1'-0"

1

**RAMP REPAIR NOTES:**

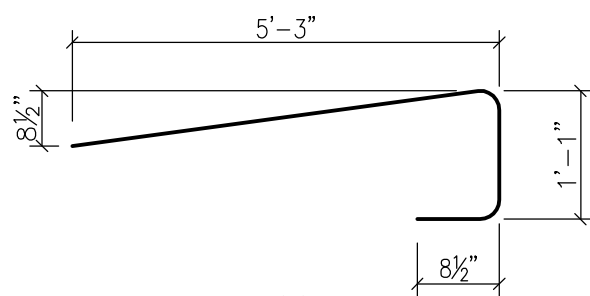
1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
2. SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
3. SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
4. PROTECT EXISTING REINFORCING WHILE REMOVING CONCRETE SLAB.



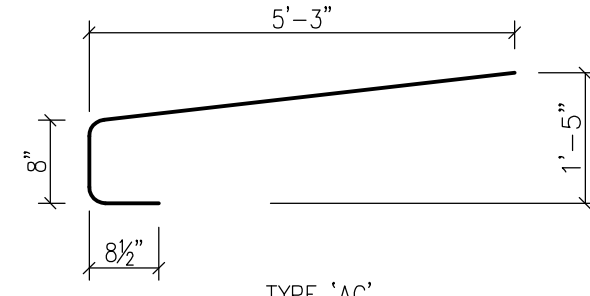
SECTION - REPAIRED CONDITION  
SCALE: 1/2" = 1'-0"

2

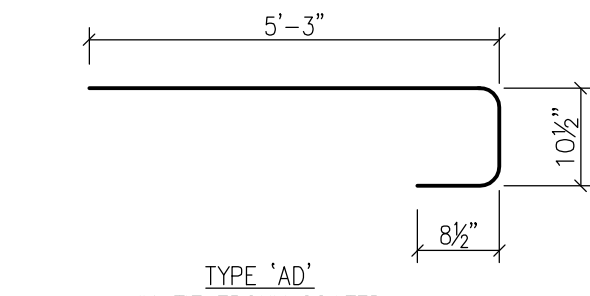
**#4 BENT REINFORCING BARS**



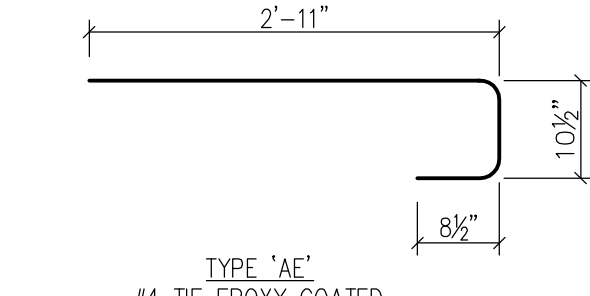
TYPE 'Y'  
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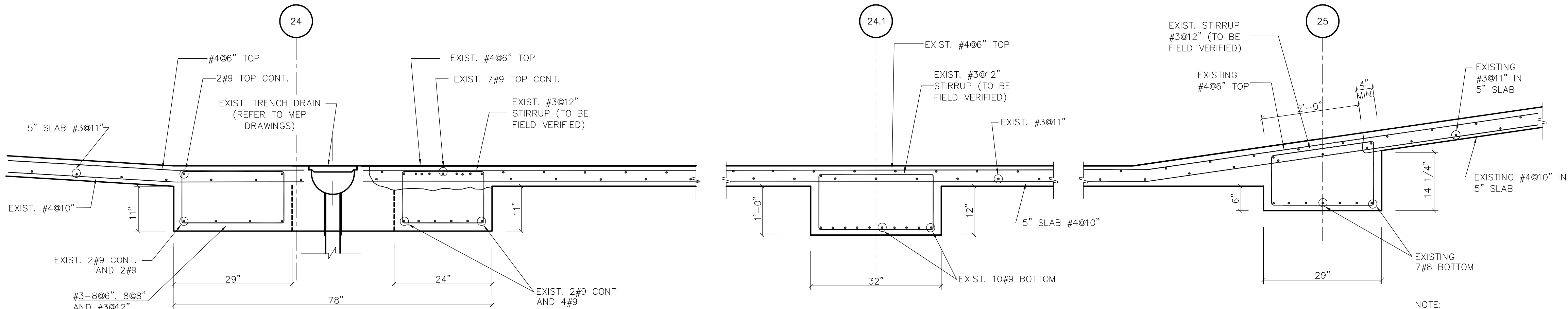
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TYPE 'AD'  
#4 TIE EPOXY COATED



TYPE 'AE'  
#4 TIE EPOXY COATED



SECTION - EXISTING CONDITION  
SCALE: 3/4" = 1'-0"

3

**Lothrop**

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White Plains, New York 10604  
914-741-1115

ARCHITECTS

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ATTORNEY-AT-LAW AND ASSOCIATES  
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917-647-9550

FORENSIC INVESTIGATION

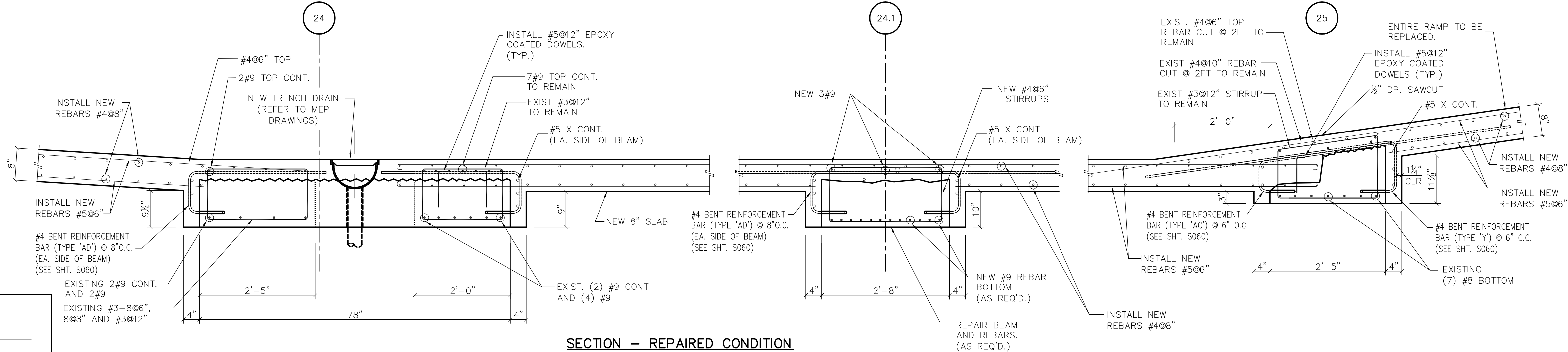


JEFFREY R. CARLSON, P.E. S.E.  
691 WEST GOLF ROAD, SECOND FLOOR  
MOUNT PROSPECT, ILLINOIS 60056  
847-274-0985

STRUCTURAL ENGINEER

MARK VELZY  
CBK ENGINEERING, PC  
44-46 FOSTER ROAD  
HOPEWELL JUNCTION, NY 12533  
914-505-8161 (O)

MEP ENGINEERS

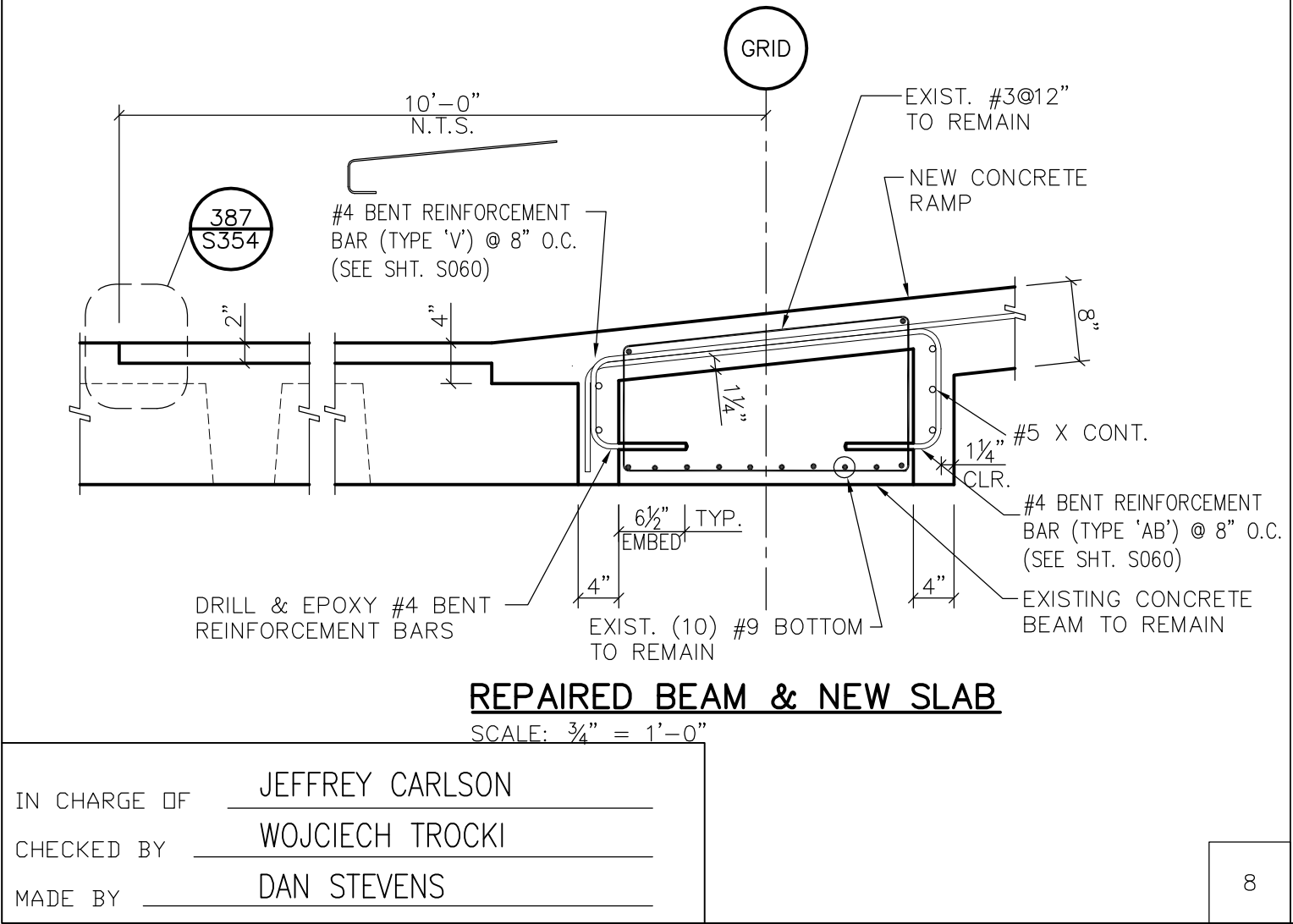
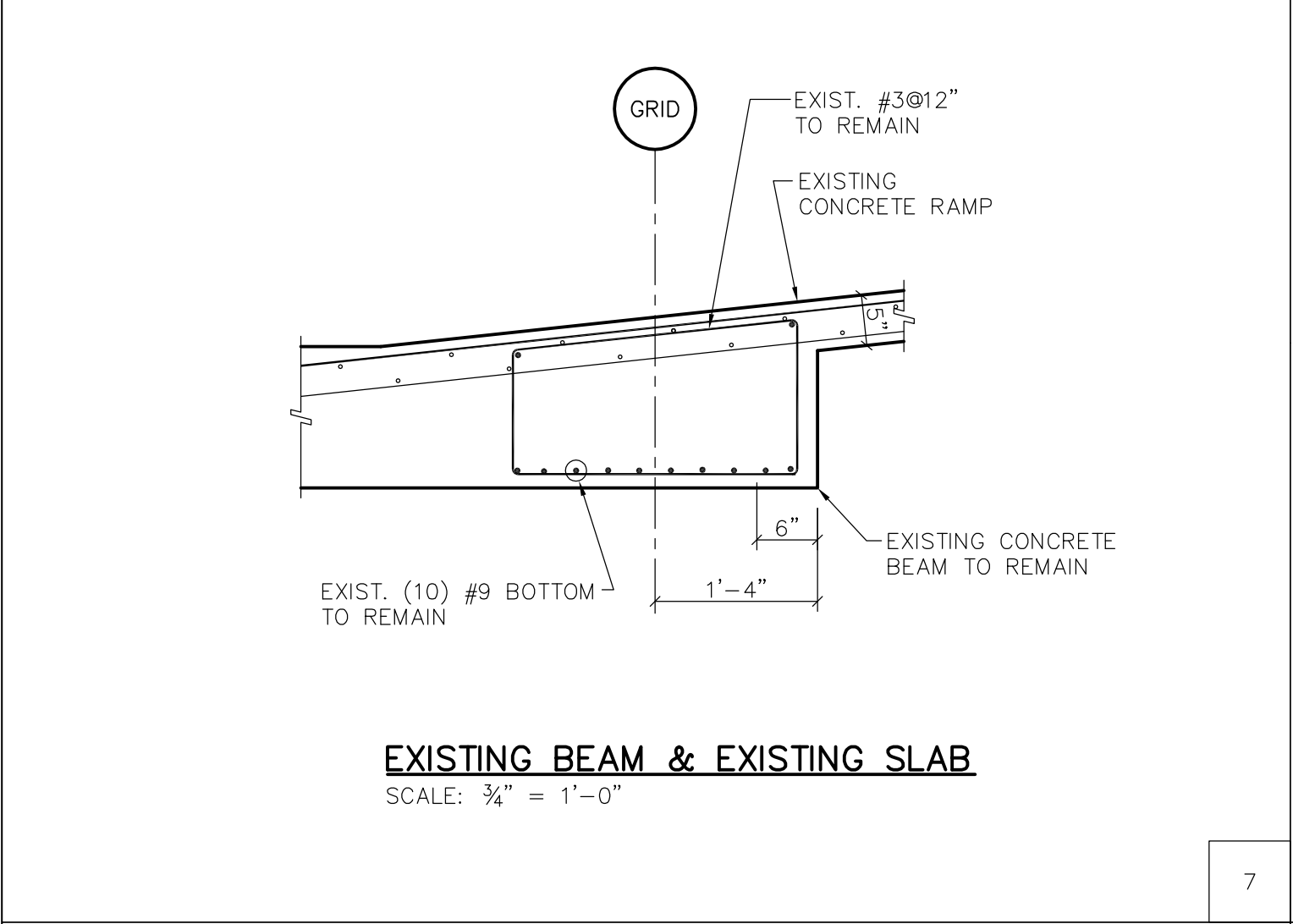
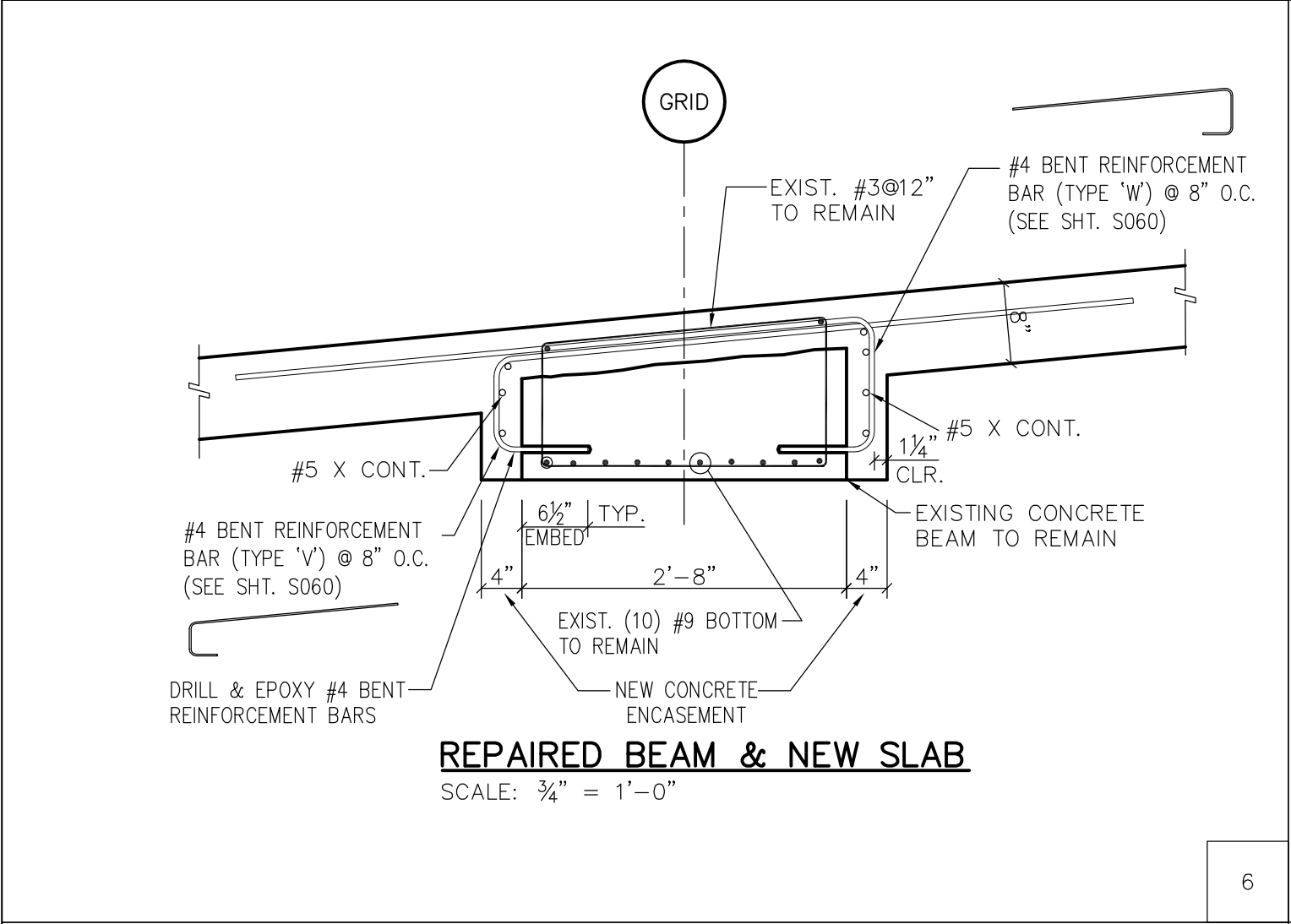
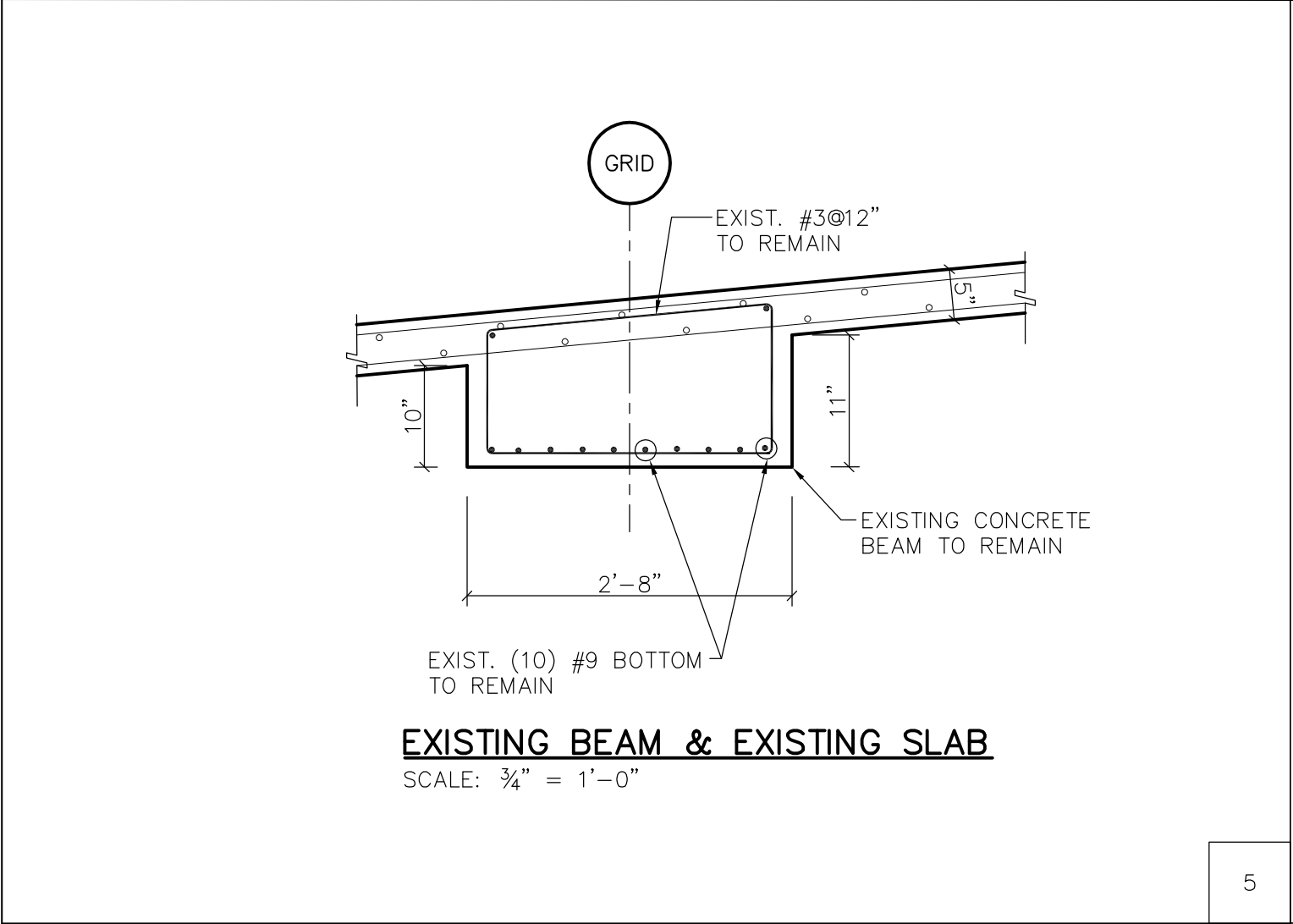


SECTION - REPAIRED CONDITION  
SCALE: 3/4" = 1'-0"

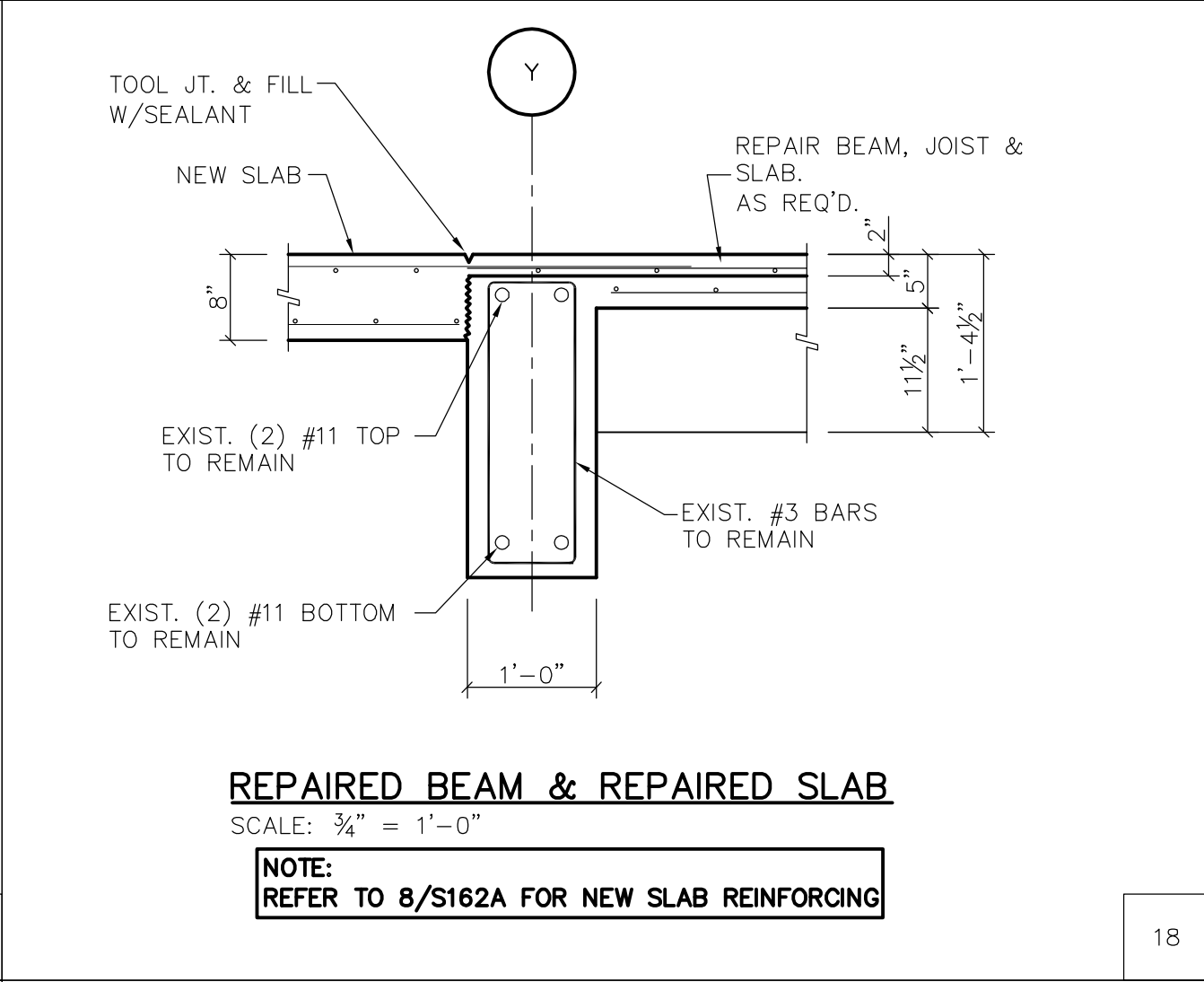
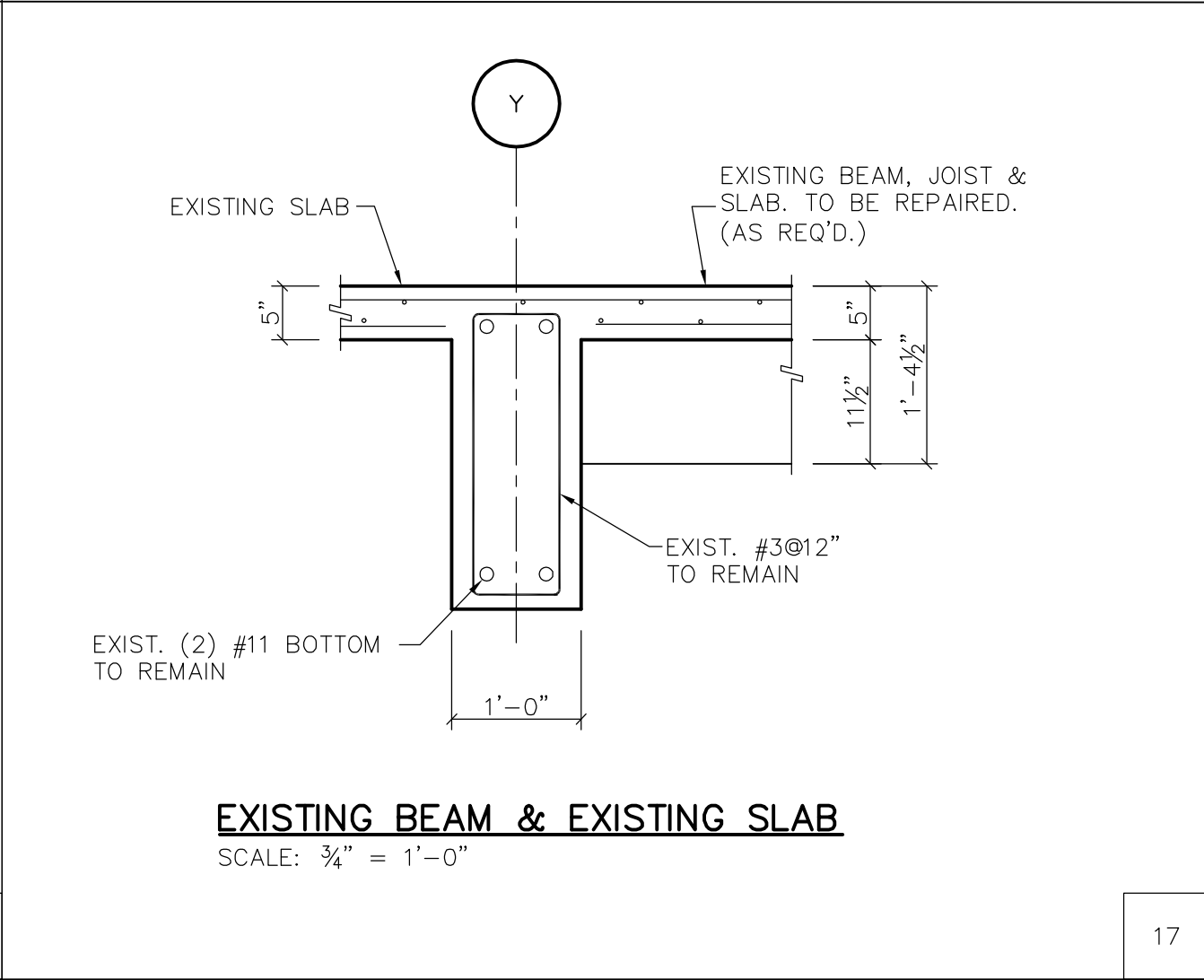
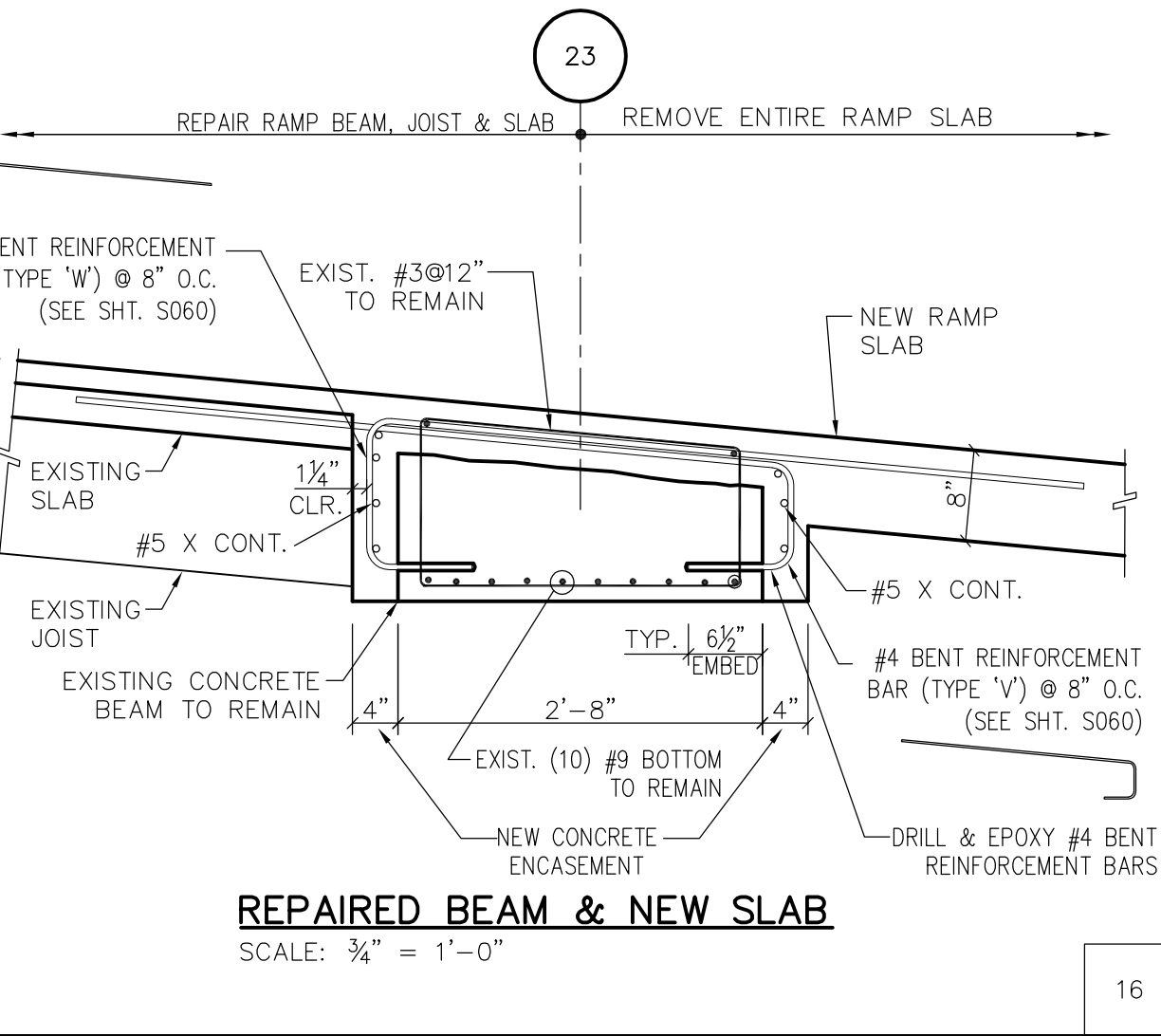
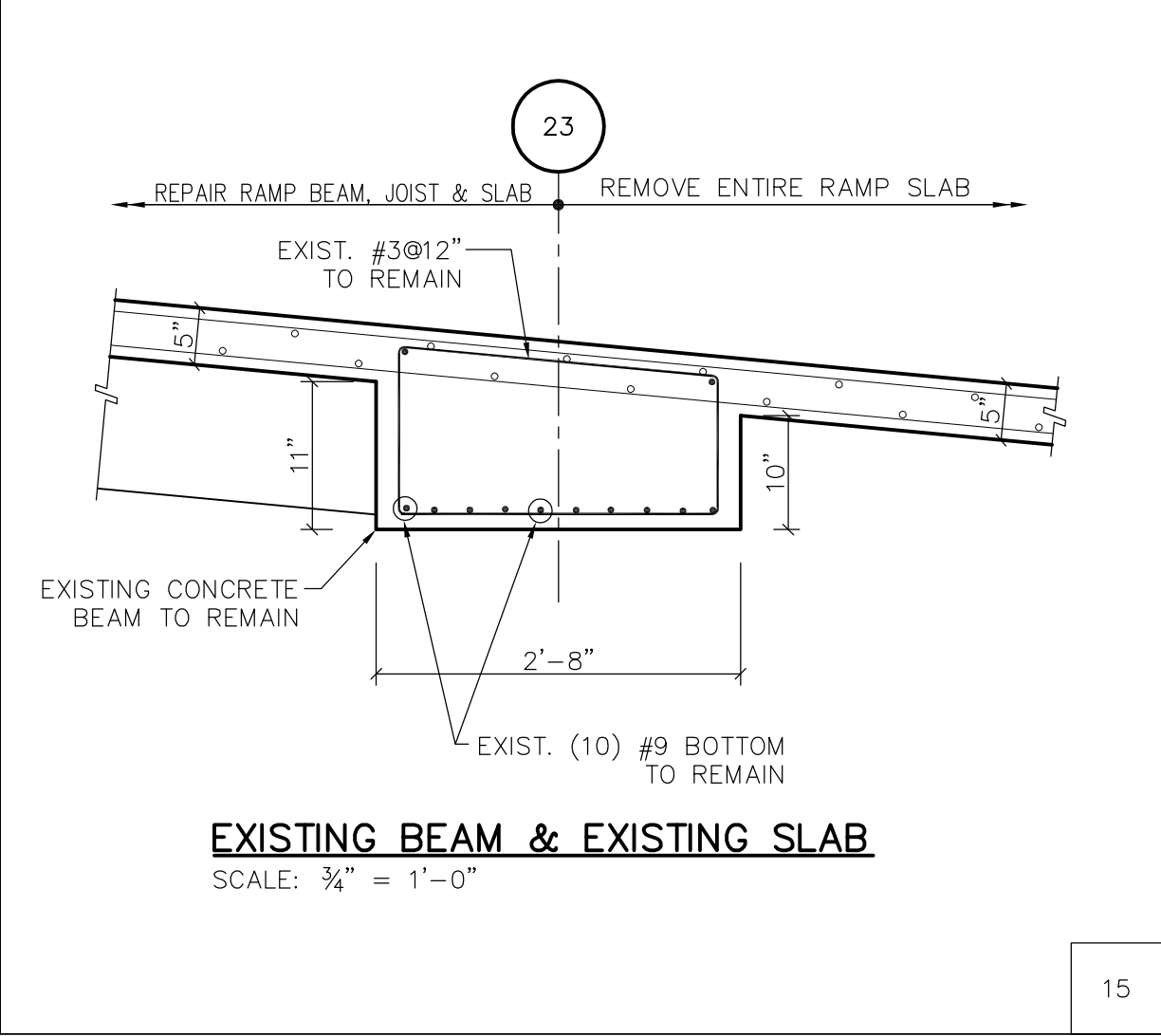
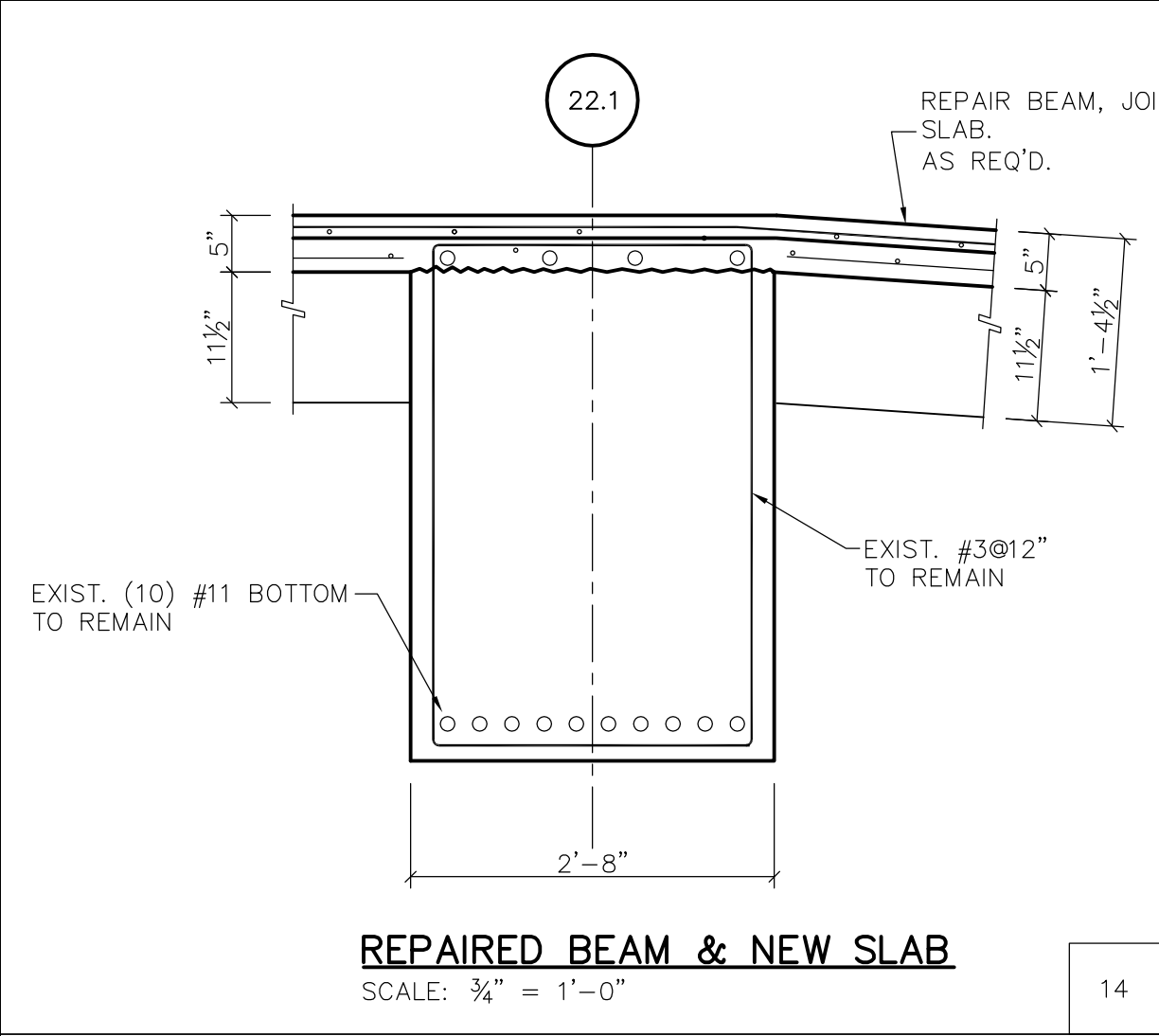
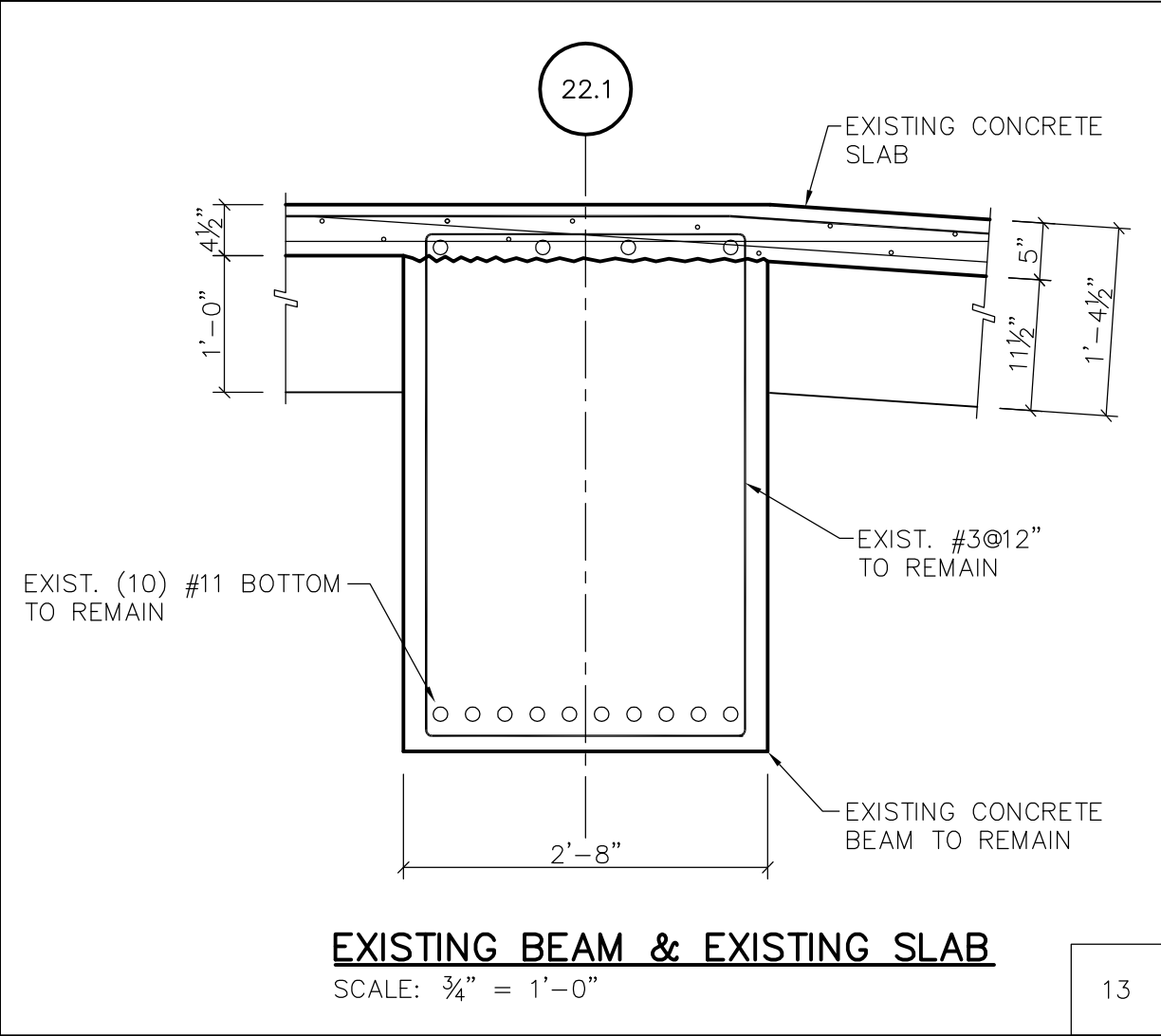
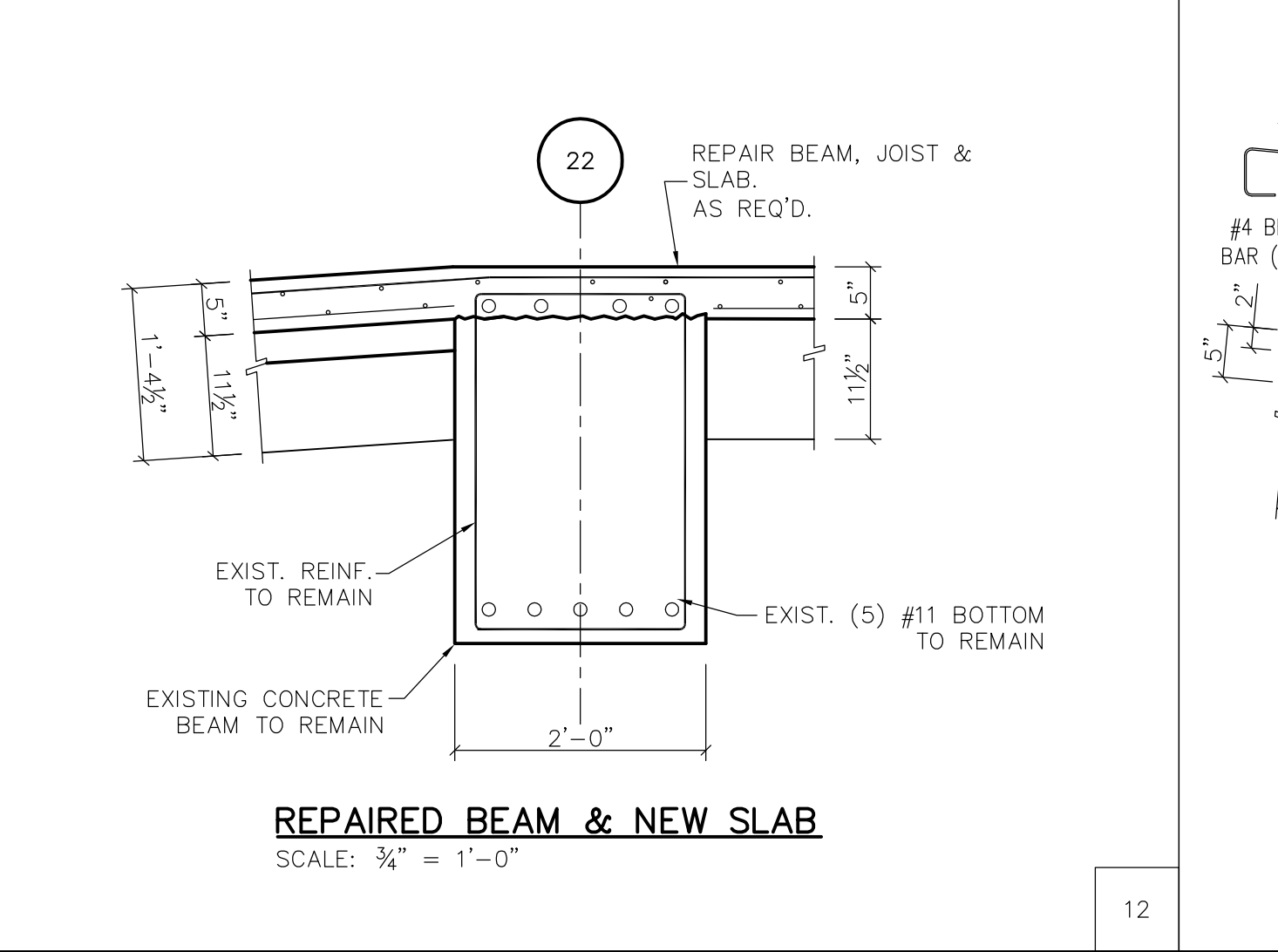
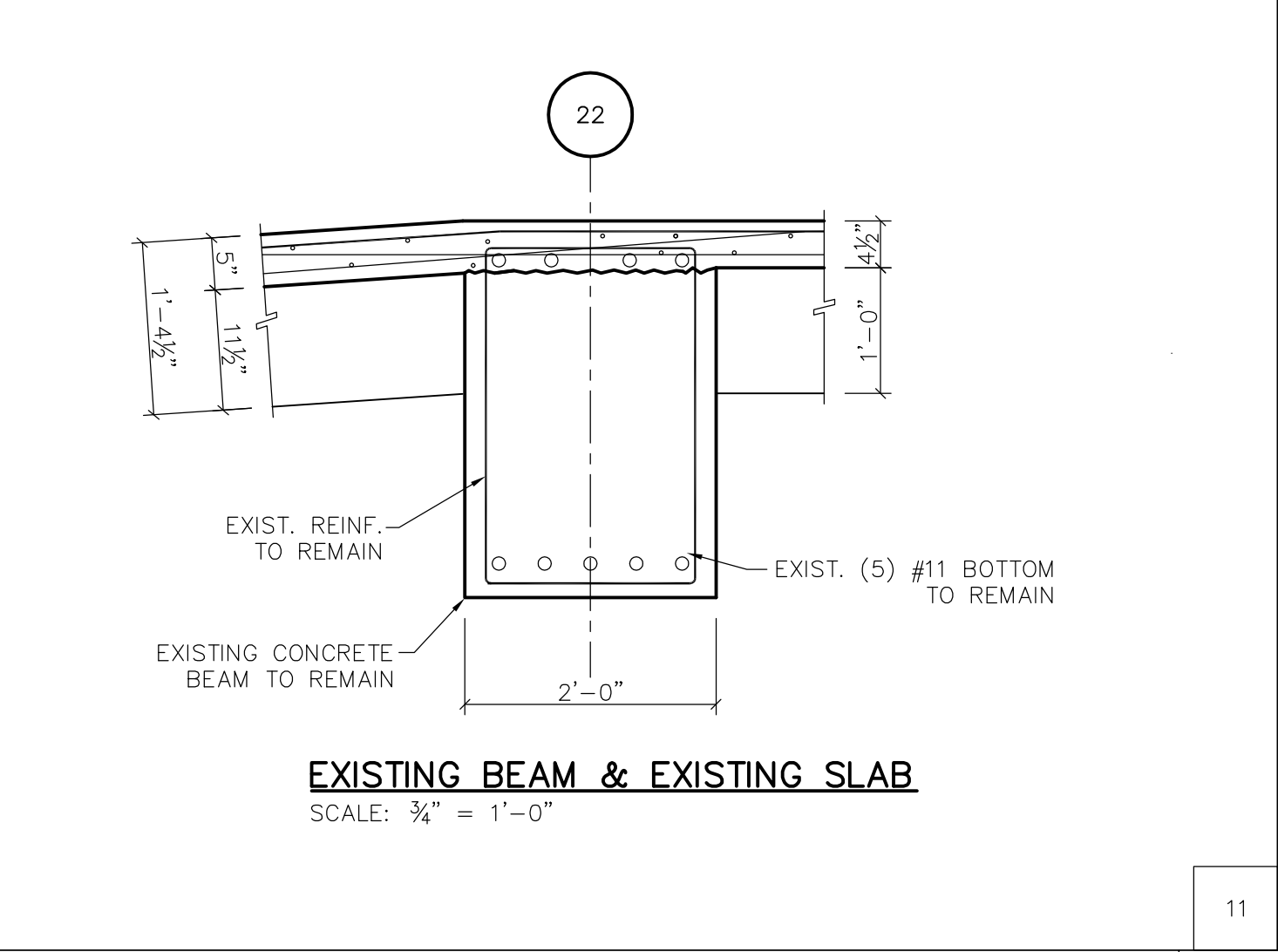
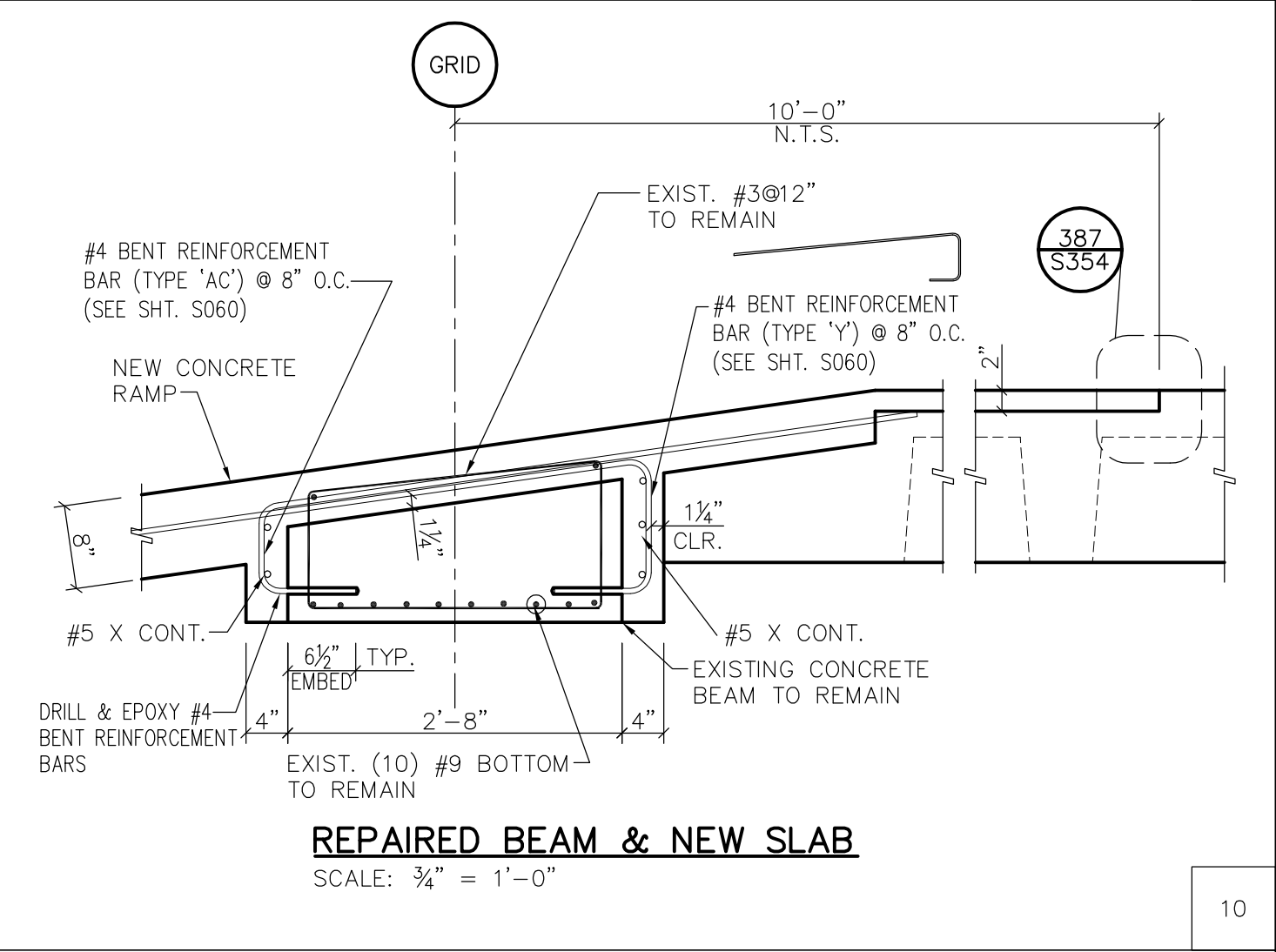
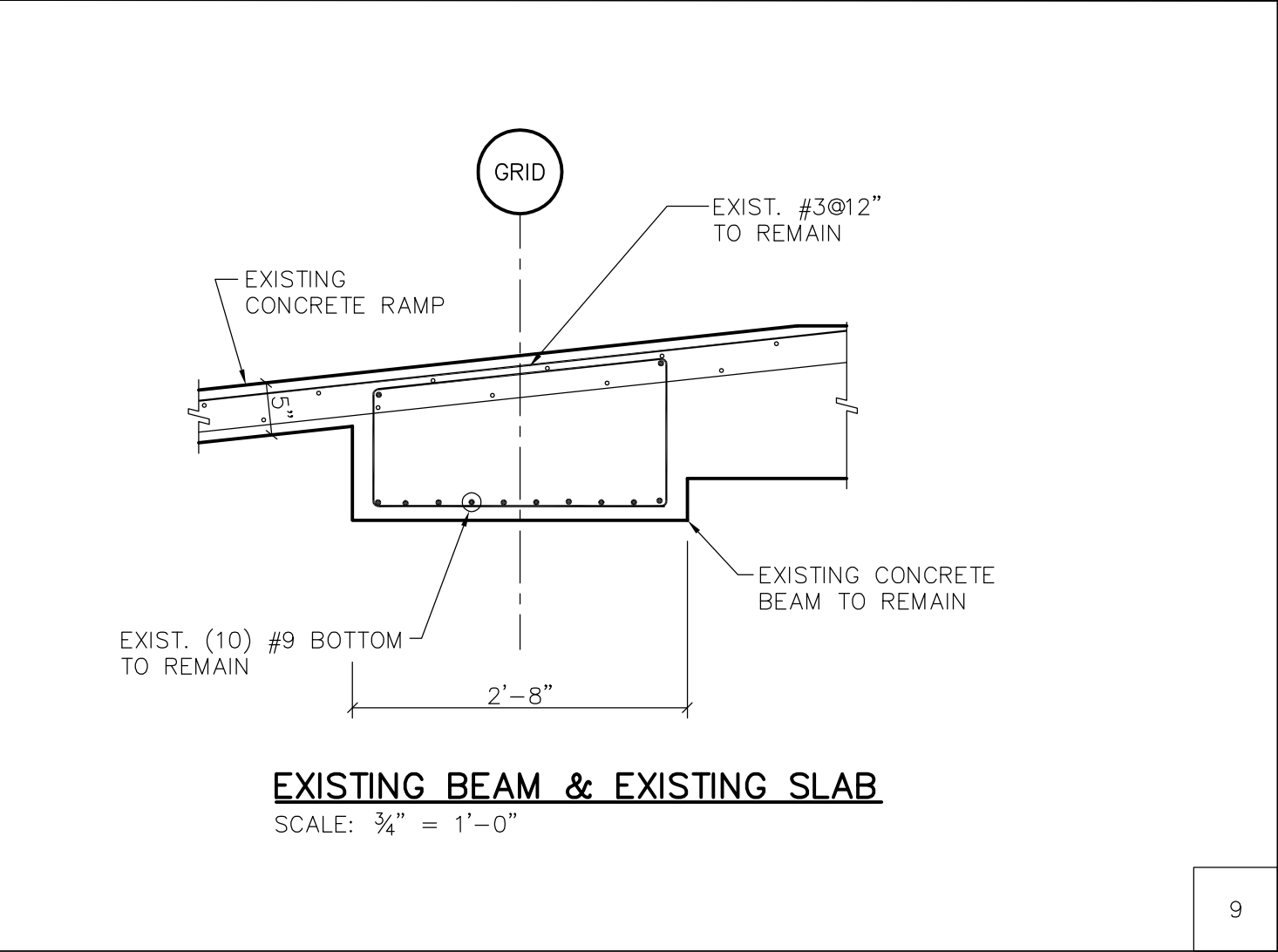
4

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

	7/23/2020	DS	JC	RELEASE FOR BID
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MAD BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED		<input type="checkbox"/> AS BUILT - NO CHANGES		
CONTRACTOR			PROJECT COORDINATOR	
NAME _____			NAME _____	
SIGNATURE _____			SIGNATURE _____	
TITLE _____			TITLE _____	
DATE _____			DATE _____	
WESTCHESTER COUNTY, NEW YORK			CONTRACT NUMBER 19-515	
DEPARTMENT OF PUBLIC WORKS			SHEET NUMBER S180	
AND TRANSPORTATION			SHEET NO. 02 OF 07	
DIVISION OF ENGINEERING			SCALE AS NOTED	
PARKING GARAGE RENOVATION - PHASE 1			DATE 7-23-2020	
MICHAELIAN OFFICE BUILDING			DWG FILE NO. 52-01-S-399-0	
148 MARINE AVENUE, WHITE PLAINS, NEW YORK				
RAMP DETAILS & SECTIONS				



IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS



**RAMP REPAIR NOTES:**

- THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.
- SEE SHEET S040 FOR GENERAL AND RAMP REPAIR NOTES.
- SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.

**#4 BENT REINFORCING BARS**

TYPE 'V'  
#4 TIE EPOXY COATED

TYPE 'W'  
#4 TIE EPOXY COATED

TYPE 'Y'  
#4 TIE EPOXY COATED

TYPE 'AB'  
#4 TIE EPOXY COATED

TYPE 'AC'  
#4 TIE EPOXY COATED

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JEFFREY R. CARLSON, P.E. S.E.  
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847-274-0985

MARK VELZY  
CBK ENGINEERING, PC  
44-46 FOSTER ROAD  
HOPEWELL JUNCTION, NY 12533  
914-505-8161 (O)

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
	7/23/2020	DS	JC	RELEASE FOR BID
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING

☐ AS BUILT - CHANGES AS NOTED  
☐ AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		MICHAEL R. CARLSON 148 MARINE AVENUE, WHITE PLAINS, NEW YORK RAMP DETAILS & SECTIONS	
DATE	DATE	DATE	DATE
19-515	19-515	19-515	19-515

CONTRACT NUMBER: 19-515

SHEET NUMBER: S181

SCALE: AS NOTED

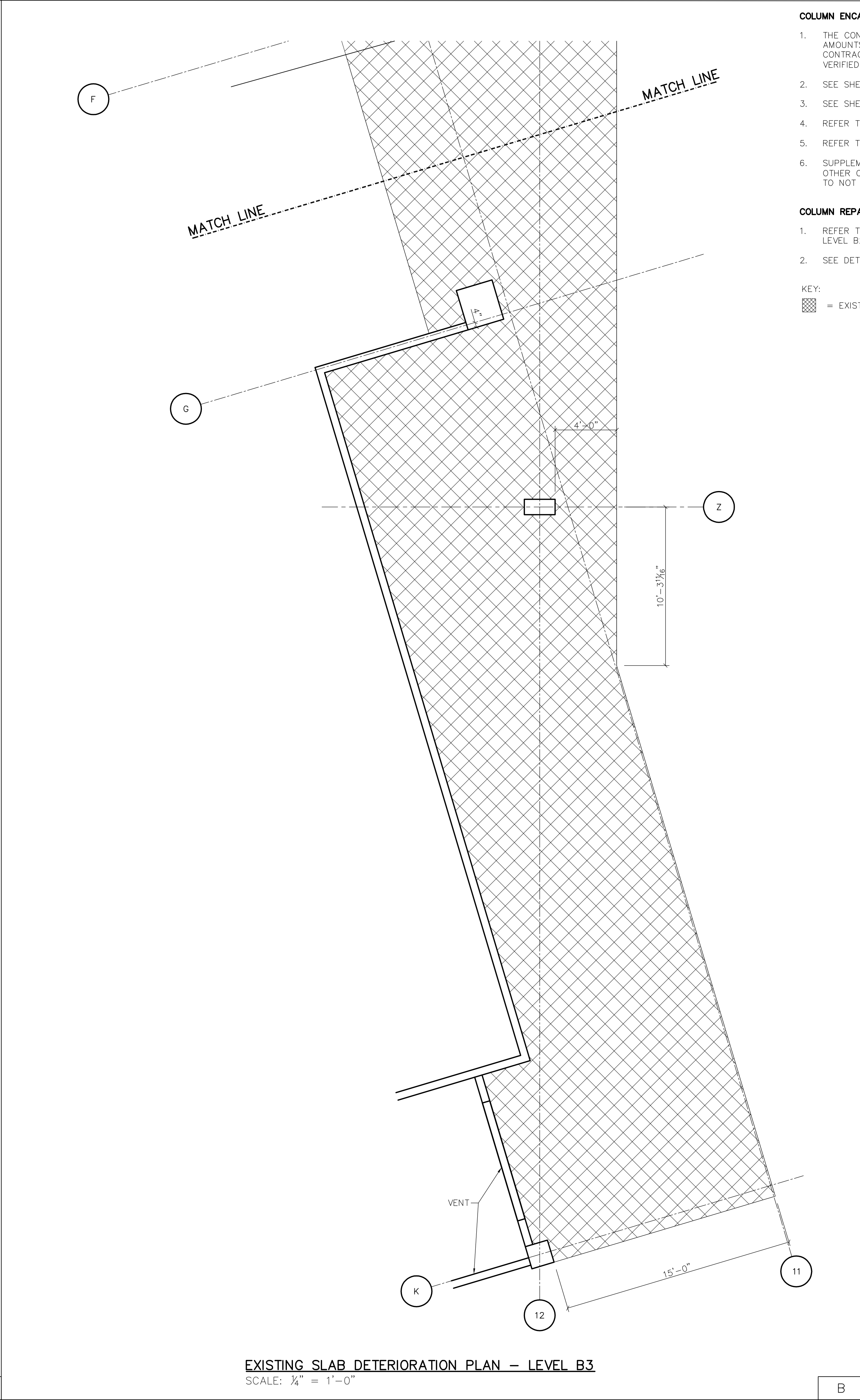
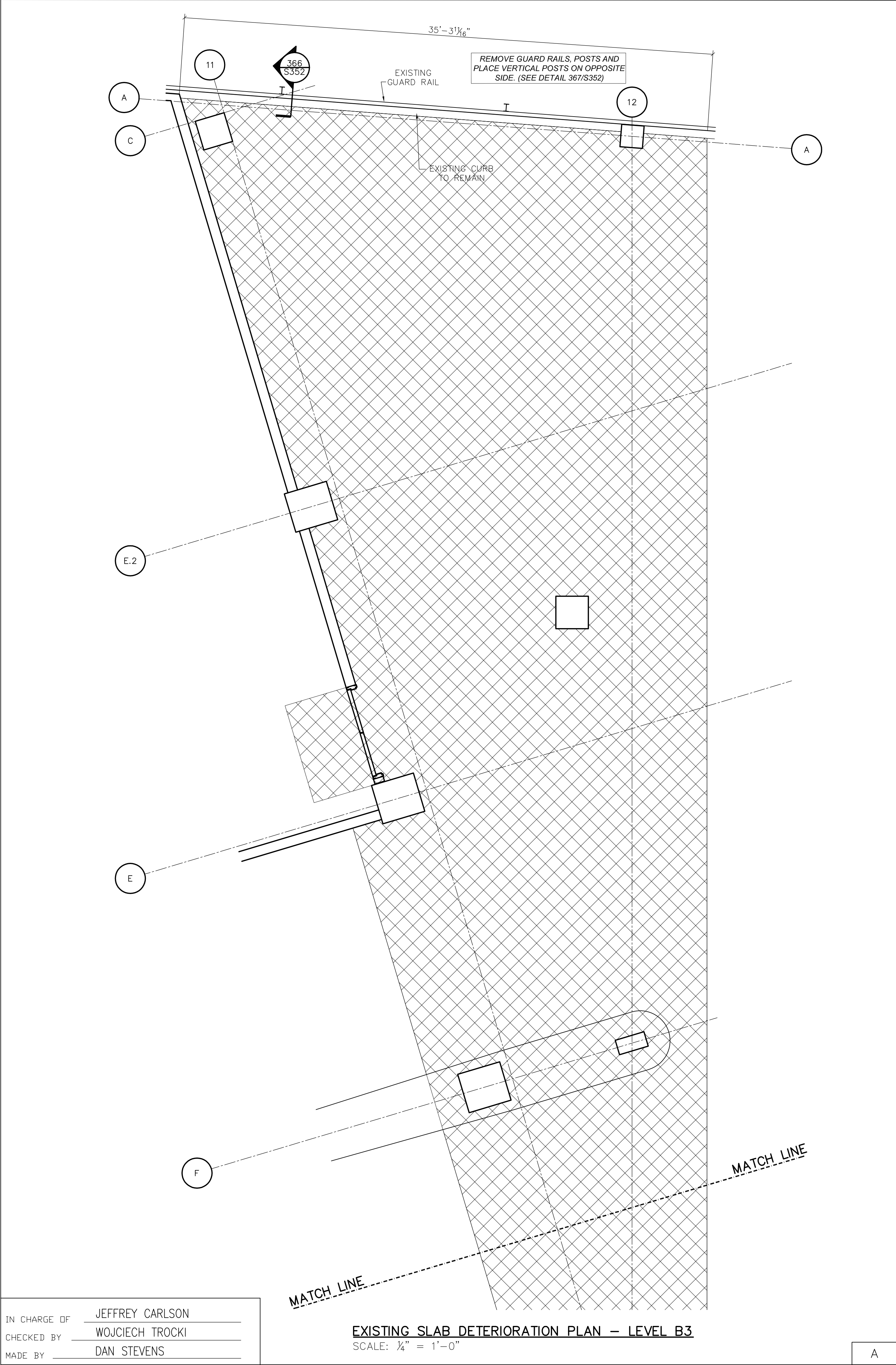
DATE: 7-23-2020

DWG FILE NO: 52-01-S-400-0



IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS



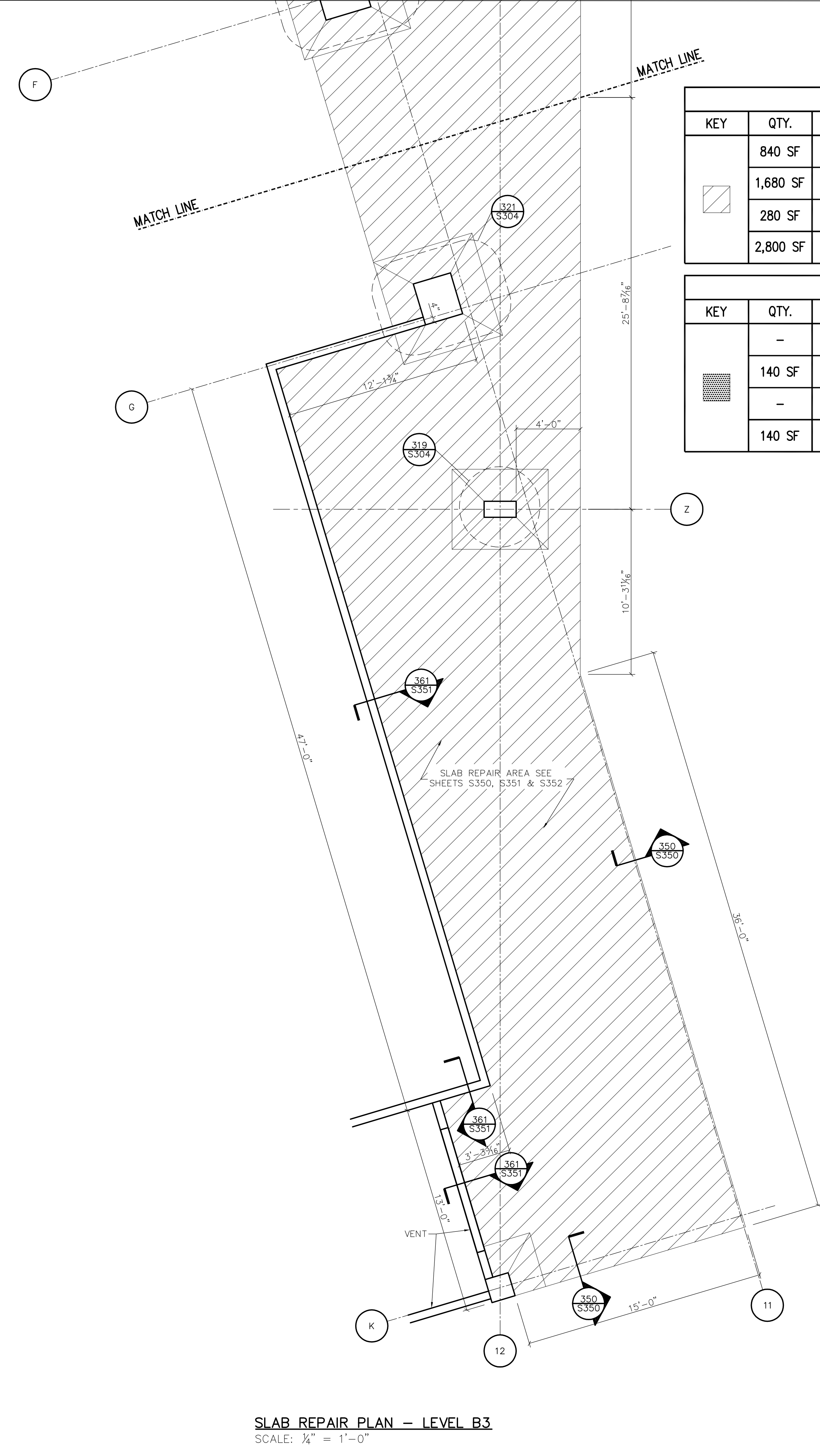
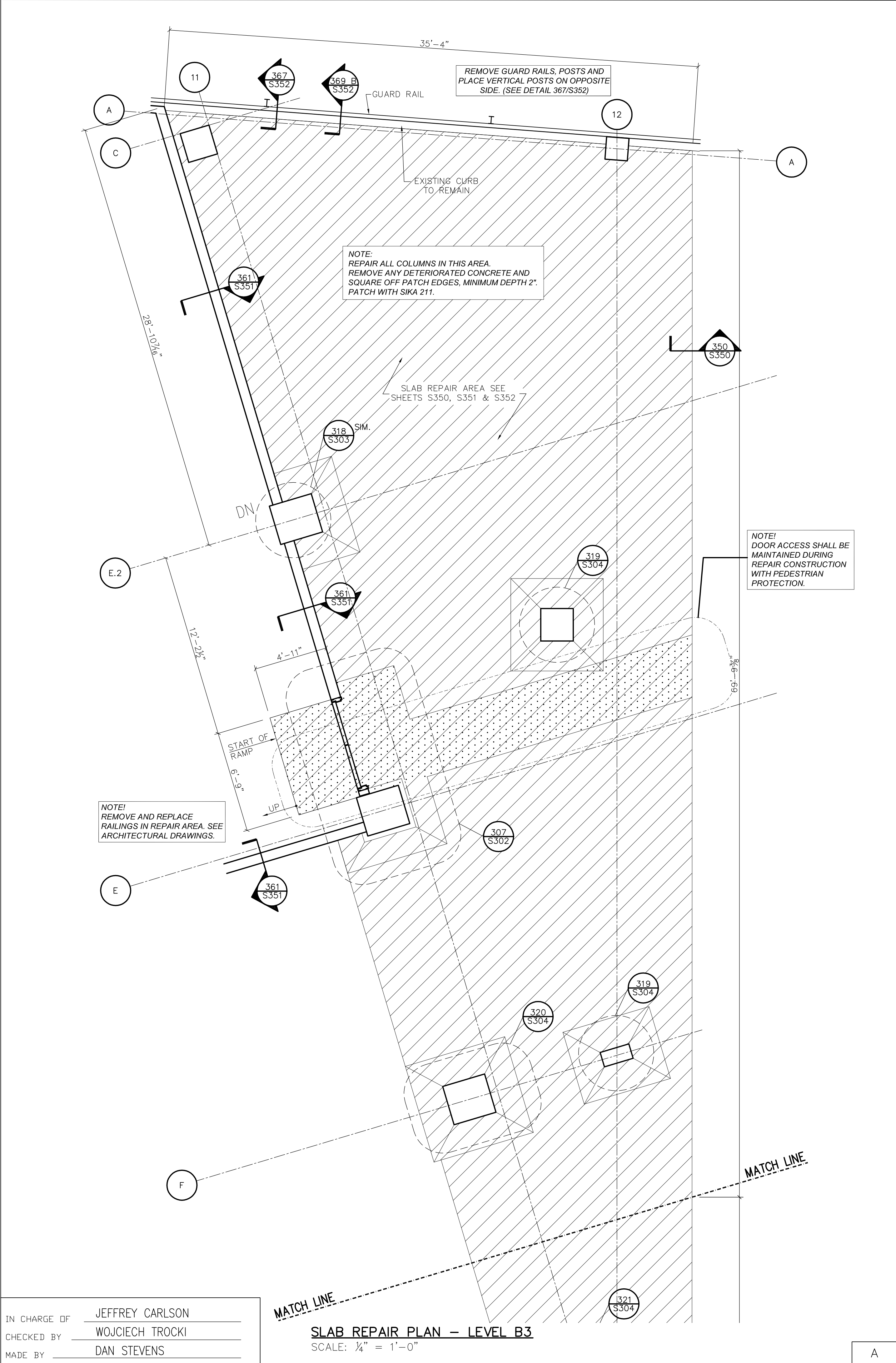




- COLUMN ENCASEMENT NOTES:**
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  - SEE SHEET S300 FOR COLUMN ENCASEMENT NOTES.
  - SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
  - REFER TO COLUMN E11 (L11) REPAIR SHEETS S302, S303 & S304.
  - REFER TO ADDITIONAL COLUMN REPAIR SHEETS S307 & S308.
  - SUPPLEMENTAL REINFORCING SHOWN IN DETAIL 339/S307 SHALL BE USED ON OTHER COLUMNS WHERE THE COLUMN REINFORCING IS OBSERVED IN THE FIELD TO NOT CONTINUE INTO THE SLAB.
- COLUMN REPAIR NOTES:**
- REFER TO SHEETS S301, S301A, S301B, S301C, S302, S303 & S304 FOR LEVEL B2 & B3 COLUMN & SLAB REPAIR PLANS AND DETAILS.
  - SEE DETAIL 368/S352 FOR COLUMN REPAIR ABOVE THE B2 LEVEL.
- KEY:
- = EXISTING SLAB DETERIORATION

<div> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115</div>				ARCHITECTS															
<div>MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350</div>				FORENSIC INVESTIGATION															
<div> JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985</div>				STRUCTURAL ENGINEER															
<div>MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-505-8161 (O)</div>				MEP ENGINEERS															
<table><tr><td></td><td>7/23/2020</td><td>DS</td><td>JC</td><td>RELEASE FOR BID</td></tr><tr><td></td><td>7/23/2020</td><td>DS</td><td>JC</td><td>FOR COMMISSIONER MEETING</td></tr><tr><td>REVISION NUMBER</td><td>DATE</td><td>MADE BY</td><td>APP'D BY</td><td>REVISION</td></tr></table>						7/23/2020	DS	JC	RELEASE FOR BID		7/23/2020	DS	JC	FOR COMMISSIONER MEETING	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
	7/23/2020	DS	JC	RELEASE FOR BID															
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION															
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CONTRACTOR			PROJECT COORDINATOR																
NAME _____ SIGNATURE _____ TITLE _____			NAME _____ SIGNATURE _____ TITLE _____																
DATE _____			DATE _____																
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			CORRECT NUMBER 19-515	SHEET NUMBER S301															
PARKING GARAGE RENOVATION - PHASE 1 MICHELIANI OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK			SHEET NO. 85 OF 87 SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.																
EXISTING SLAB DETERIORATION PLAN - LEVEL B3			52-01-S-402-0																






TOTAL SLAB AREA REPAIR – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	840 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	350/S350
	1,680 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	351/S350
	280 SF	FULL REPAIR AREA IN SQUARE FEET (SF)	360/S351
	2,800 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	367/S352

TOTAL DOOR ACCESS AREA REPAIR – PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	–	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	–
	140 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	
	–	FULL REPAIR AREA IN SQUARE FEET (SF)	
	140 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	

- COLUMN ENCASEMENT NOTES:**
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  - SEE SHEET S300 FOR COLUMN ENCASEMENT NOTES.
  - SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
  - REFER TO COLUMN E11 (L11) REPAIR SHEETS S302, S303 & S304.
  - REFER TO ADDITIONAL COLUMN REPAIR SHEETS S307 & S308.
  - SUPPLEMENTAL REINFORCING SHOWN IN DETAIL 339/S307 SHALL BE USED ON OTHER COLUMNS WHERE THE COLUMN REINFORCING IS OBSERVED IN THE FIELD TO NOT CONTINUE INTO THE SLAB.
- COLUMN REPAIR NOTES:**
- REFER TO SHEETS S301, S301A, S301B, S301C, S302, S303 & S304 FOR LEVEL B2 & B3 COLUMN & SLAB REPAIR PLANS AND DETAILS.
  - SEE DETAIL 368/S352 FOR COLUMN REPAIR ABOVE THE B2 LEVEL.



07/27/20

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MARK VELZY

CEI ENGINEERING, PC

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HOPEWELL JUNCTION, NY 12533

914-309-8161 (O)

MEP ENGINEERS

7/23/2020	DS	JC	RELEASE FOR BID	
7/23/2020	DS	JC	FOR COMMISSIONER MEETING	
REVISION NUMBER	DATE	MADE BY	APPD BY	REVISION

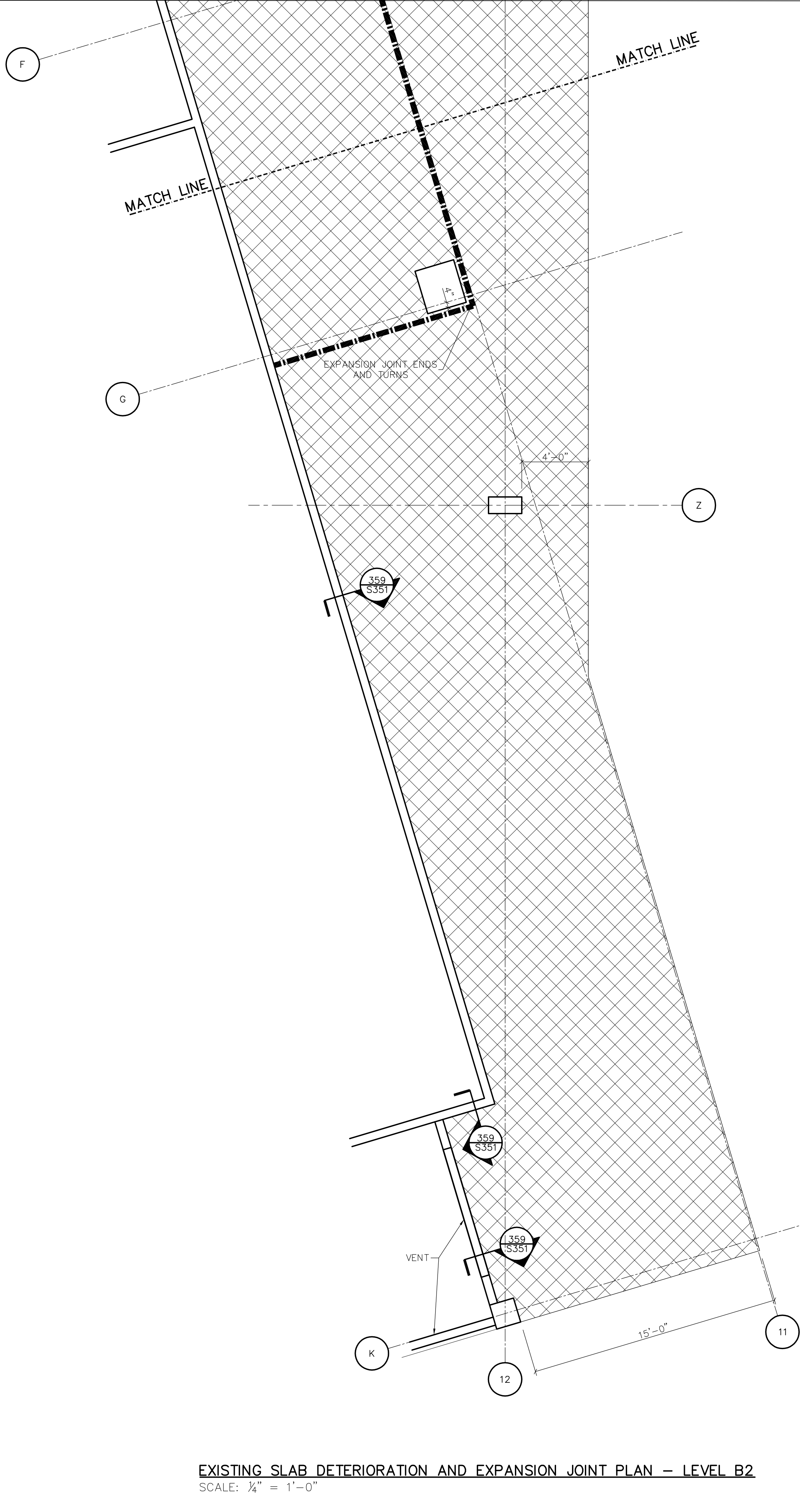
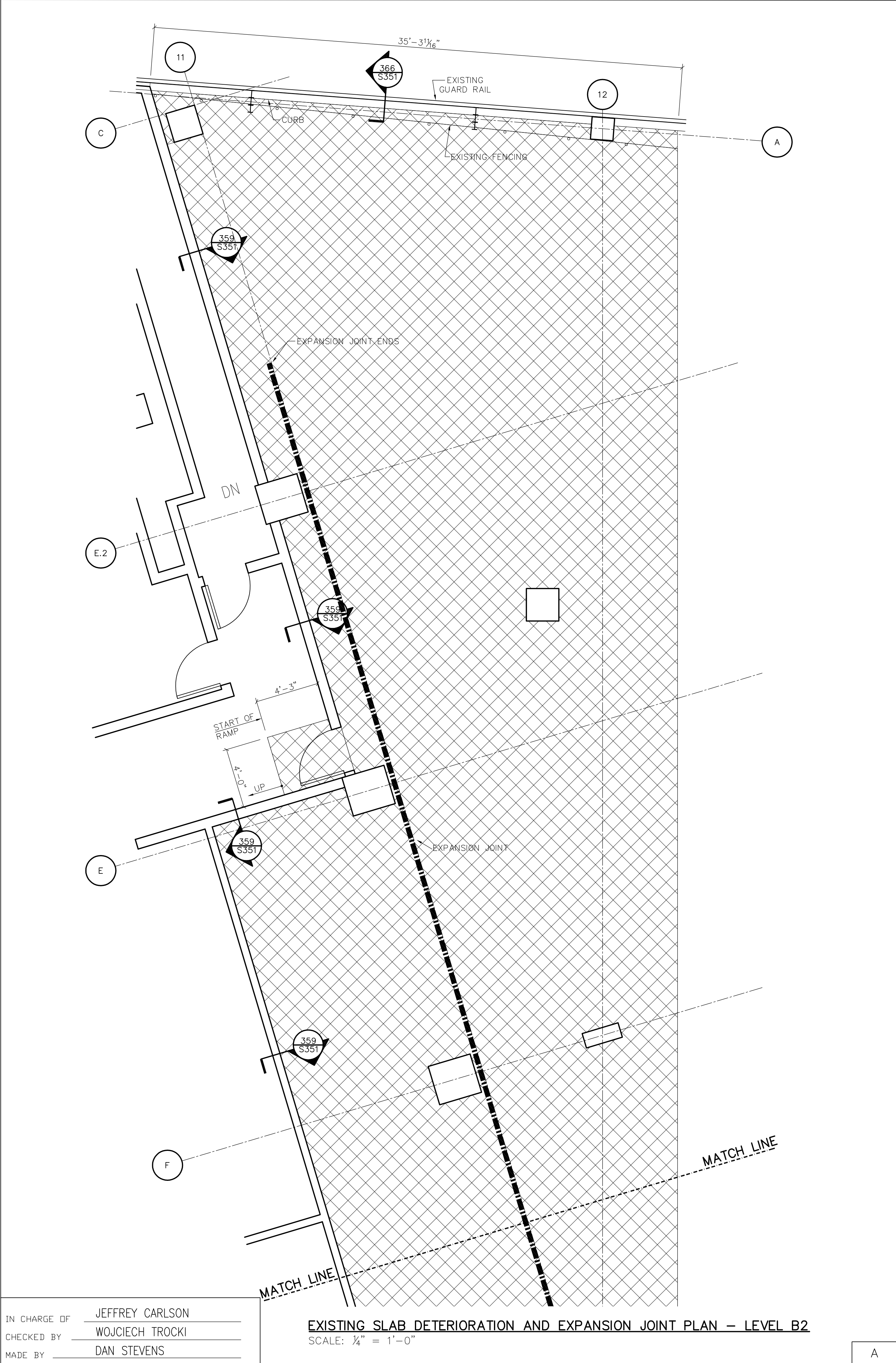
RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED

☐ AS BUILT – NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
WESTCHESTER COUNTY, NEW YORK		DEPARTMENT OF PUBLIC WORKS	
DIVISION OF ENGINEERING		DIVISION OF ENGINEERING	
PARKING GARAGE RENOVATION – PHASE 1		MICHAELIAN OFFICE BUILDING	
148 MARTINE AVENUE, WHITE PLAINS, NEW YORK		SLAB REPAIR PLAN – LEVEL B3	

CORRECT NUMBER	SHEET NUMBER
19-515	S301A
SHEET NO. 08 OF 07	
SCALE: AS NOTED	
DATE: 7-23-2020	
DWG FILE NO.	
52-01-S-403-0	





- COLUMN ENCASEMENT NOTES:**
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  2. SEE SHEET S300 FOR COLUMN ENCASEMENT NOTES.
  3. SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
  4. REFER TO COLUMN E11 (L11) REPAIR SHEETS S302, S303 & S304.
  5. REFER TO ADDITIONAL COLUMN REPAIR SHEETS S307 & S308.
  6. SUPPLEMENTAL REINFORCING SHOWN IN DETAIL 339/S307 SHALL BE USED ON OTHER COLUMNS WHERE THE COLUMN REINFORCING IS OBSERVED IN THE FIELD TO NOT CONTINUE INTO THE SLAB.

- COLUMN REPAIR NOTES:**
1. REFER TO SHEETS S301, S301A, S301B, S301C, S302, S303 & S304 FOR LEVEL B2 & B3 COLUMN & SLAB REPAIR PLANS AND DETAILS.
  2. SEE DETAIL 368/S352 FOR COLUMN REPAIR ABOVE THE B2 LEVEL.

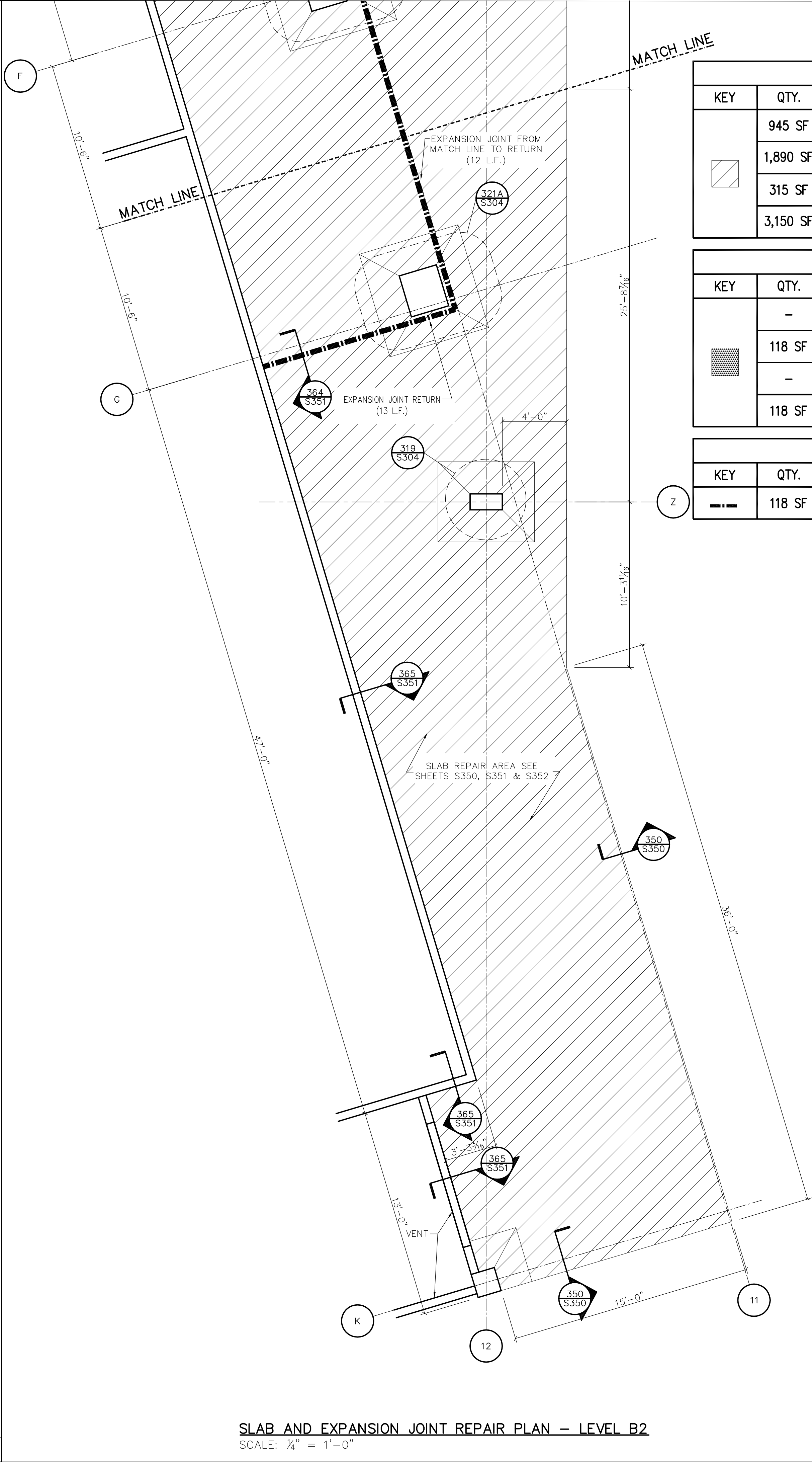
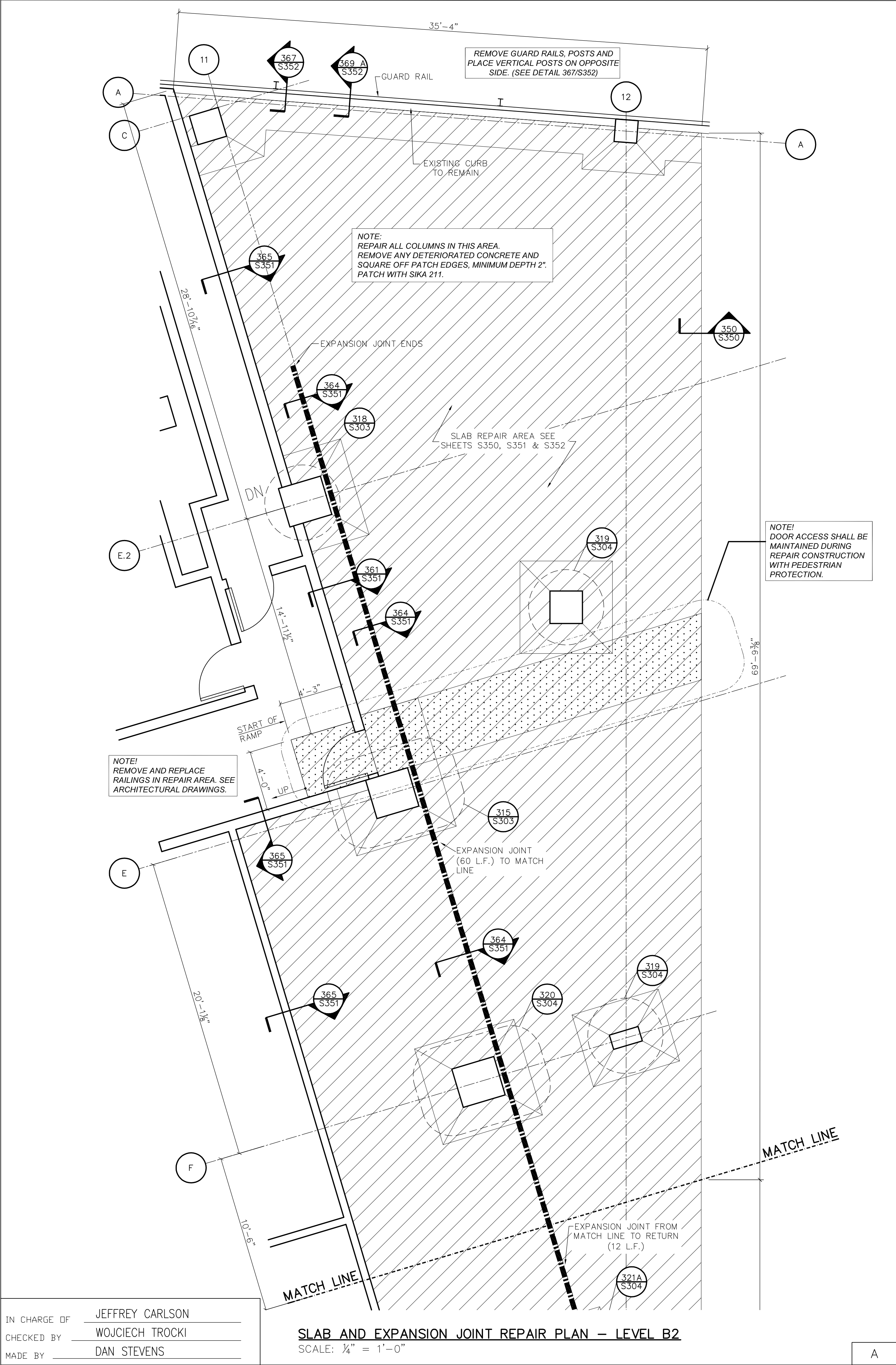
KEY:

= EXISTING SLAB DETERIORATION

= EXPANSION JOINT

<div> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115</div>				ARCHITECTS
MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 0TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550				FORENSIC INVESTIGATION
<div> 07/27/20</div>	JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985			STRUCTURAL ENGINEER
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-309-8161 (O)				MEP ENGINEERS
7/23/2020	DS	JC	RELEASE FOR BID	
7/23/2020	DS	JC	FOR COMMISSIONER MEETING	
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR			PROJECT COORDINATOR	
NAME SIGNATURE TITLE			NAME SIGNATURE TITLE	
DATE			DATE	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			CONTRACT NUMBER 19-515	SHEET NUMBER S301B
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK			SHEET NO. 57 OF 67 SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.	
EXISTING SLAB DETERIORATION AND EXPANSION JOINT PLAN - LEVEL B2			52-01-S-404-0	





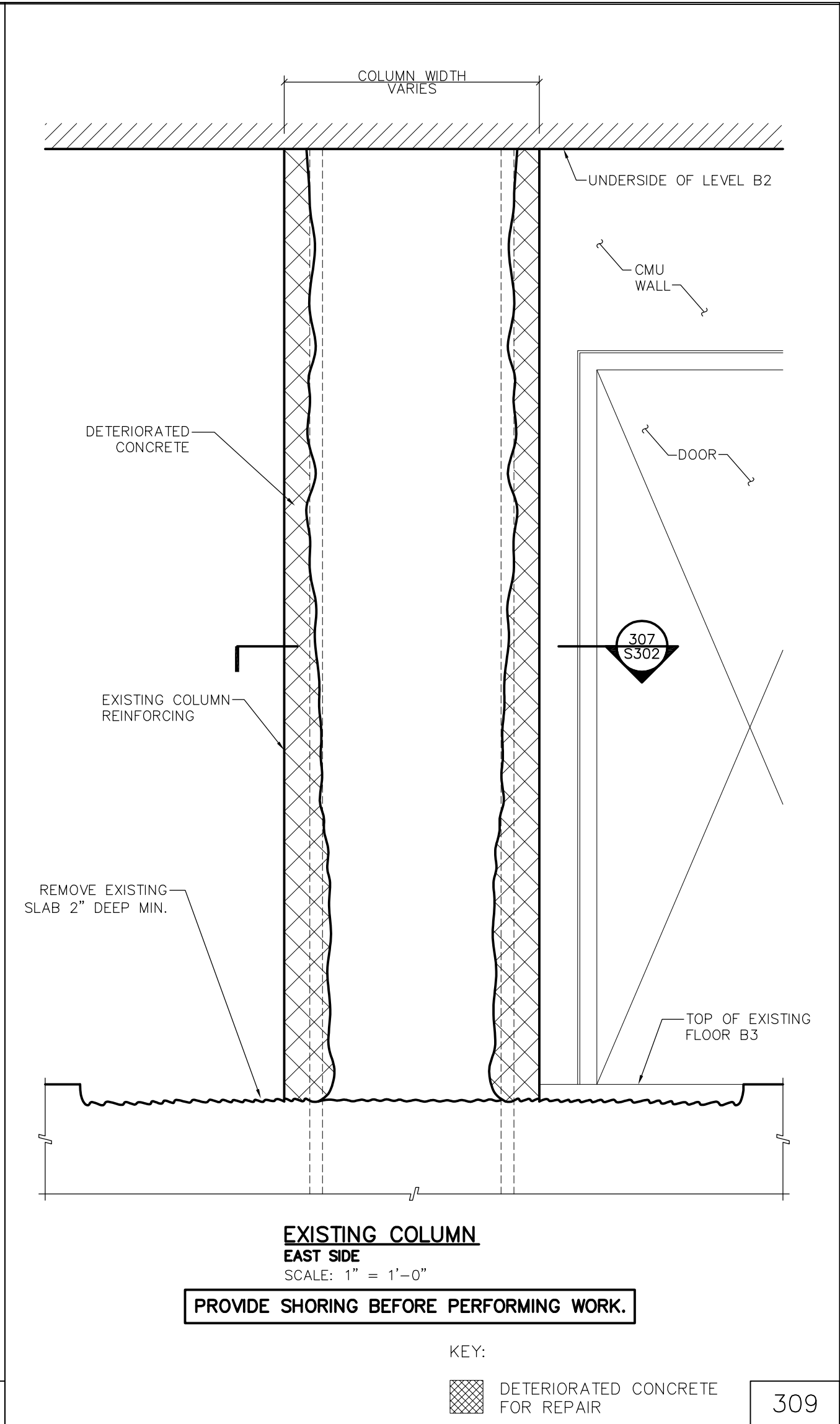
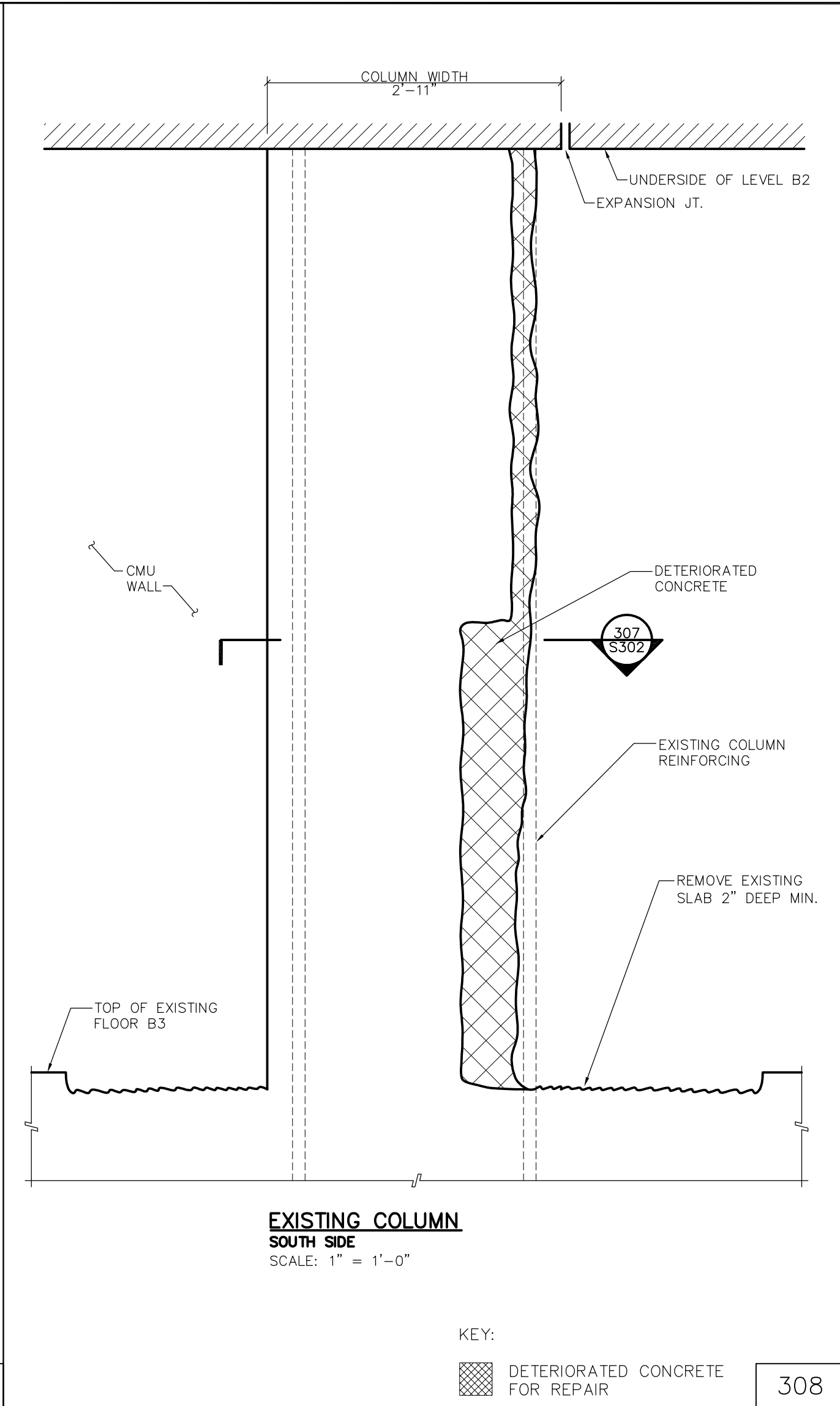
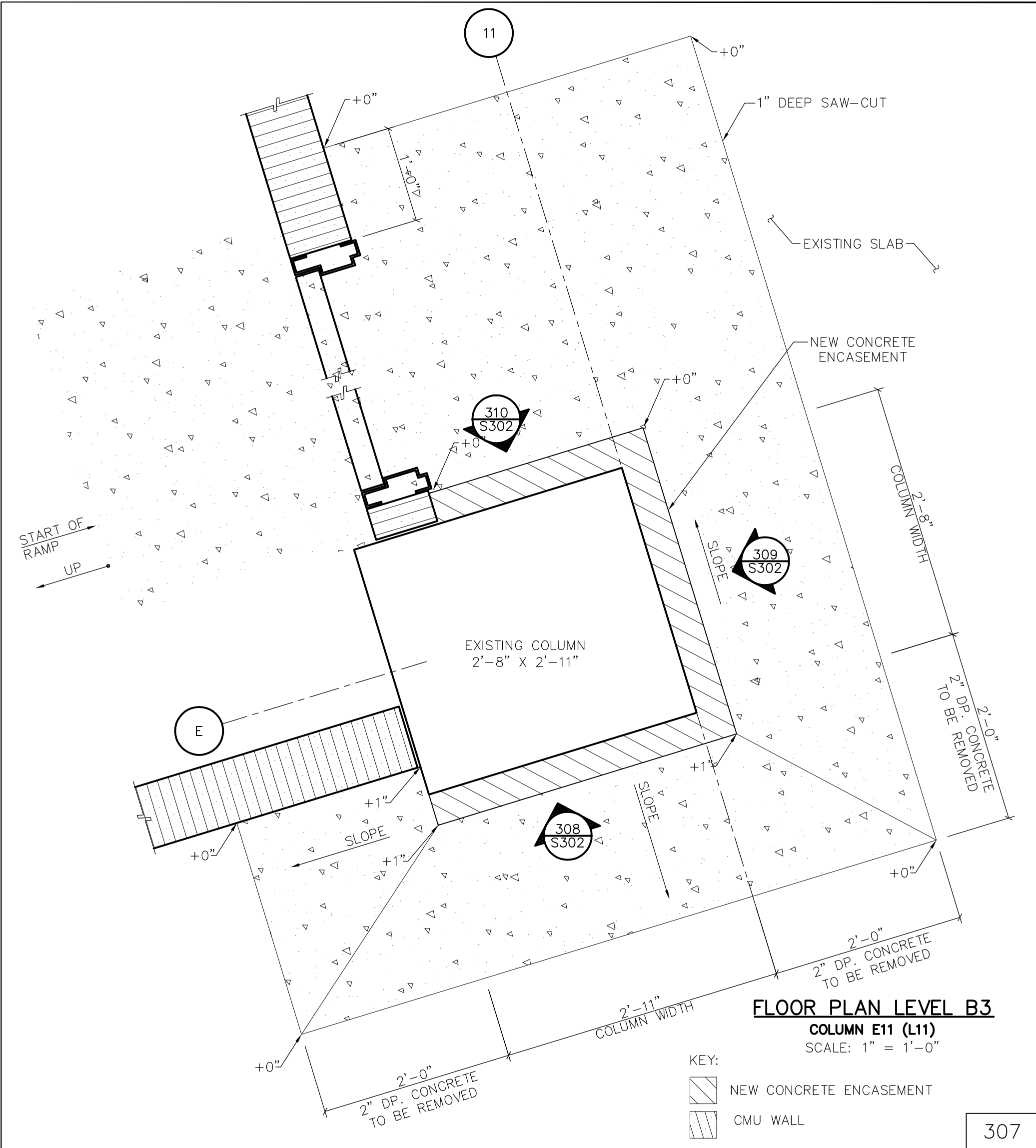
TOTAL SLAB AREA REPAIR - PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	945 SF	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	350/S350
	1,890 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	351/S350
	315 SF	FULL REPAIR AREA IN SQUARE FEET (SF)	361/S351
	3,150 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	365/S351

TOTAL DOOR ACCESS AREA REPAIR - PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	-	SHALLOW REPAIR AREA IN SQUARE FEET (SF)	-
	118 SF	MEDIUM REPAIR AREA IN SQUARE FEET (SF)	
	-	FULL REPAIR AREA IN SQUARE FEET (SF)	
	118 SF	TOTAL ELEVATION AREA FOR REPAIR IN SQUARE FEET (SF)	

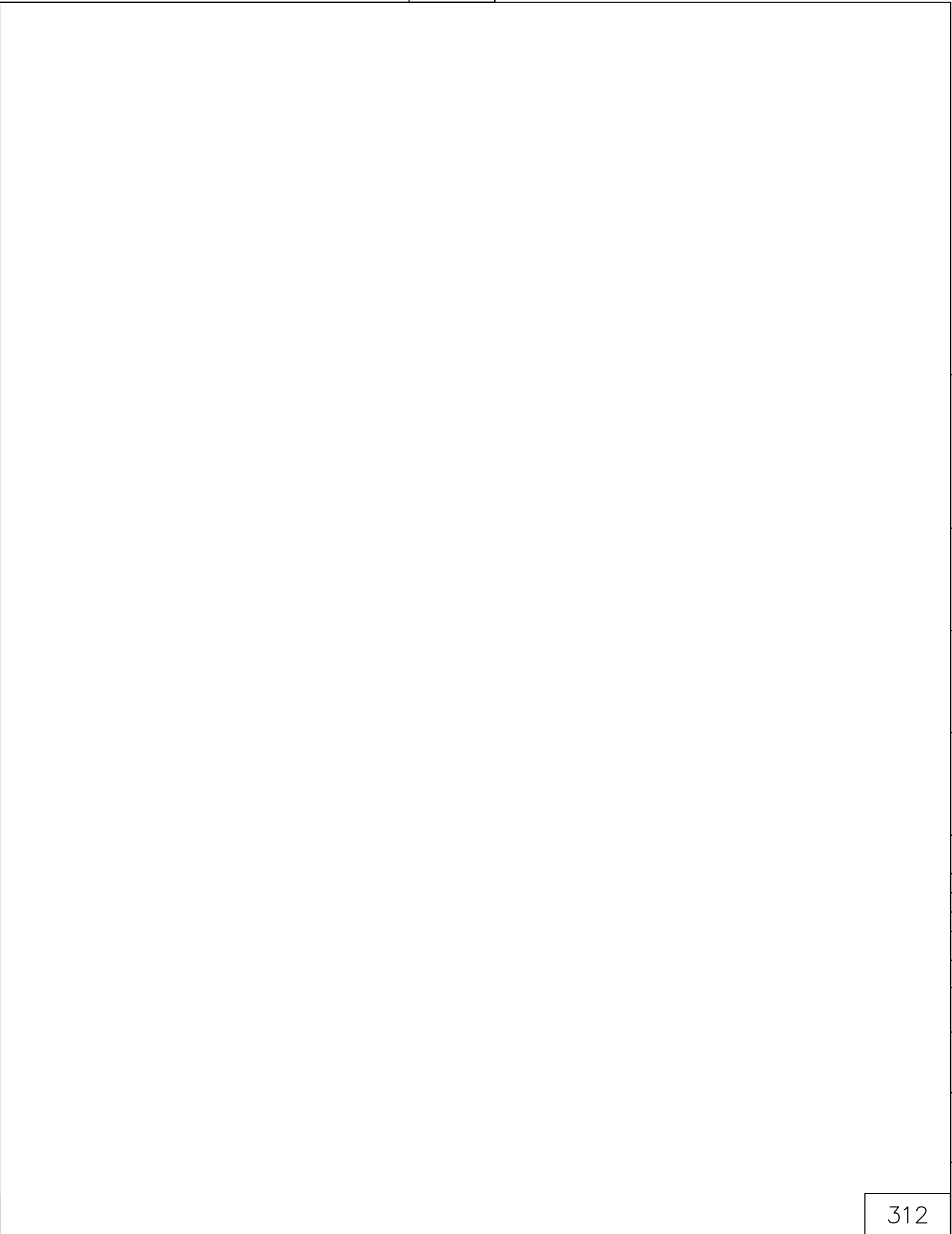
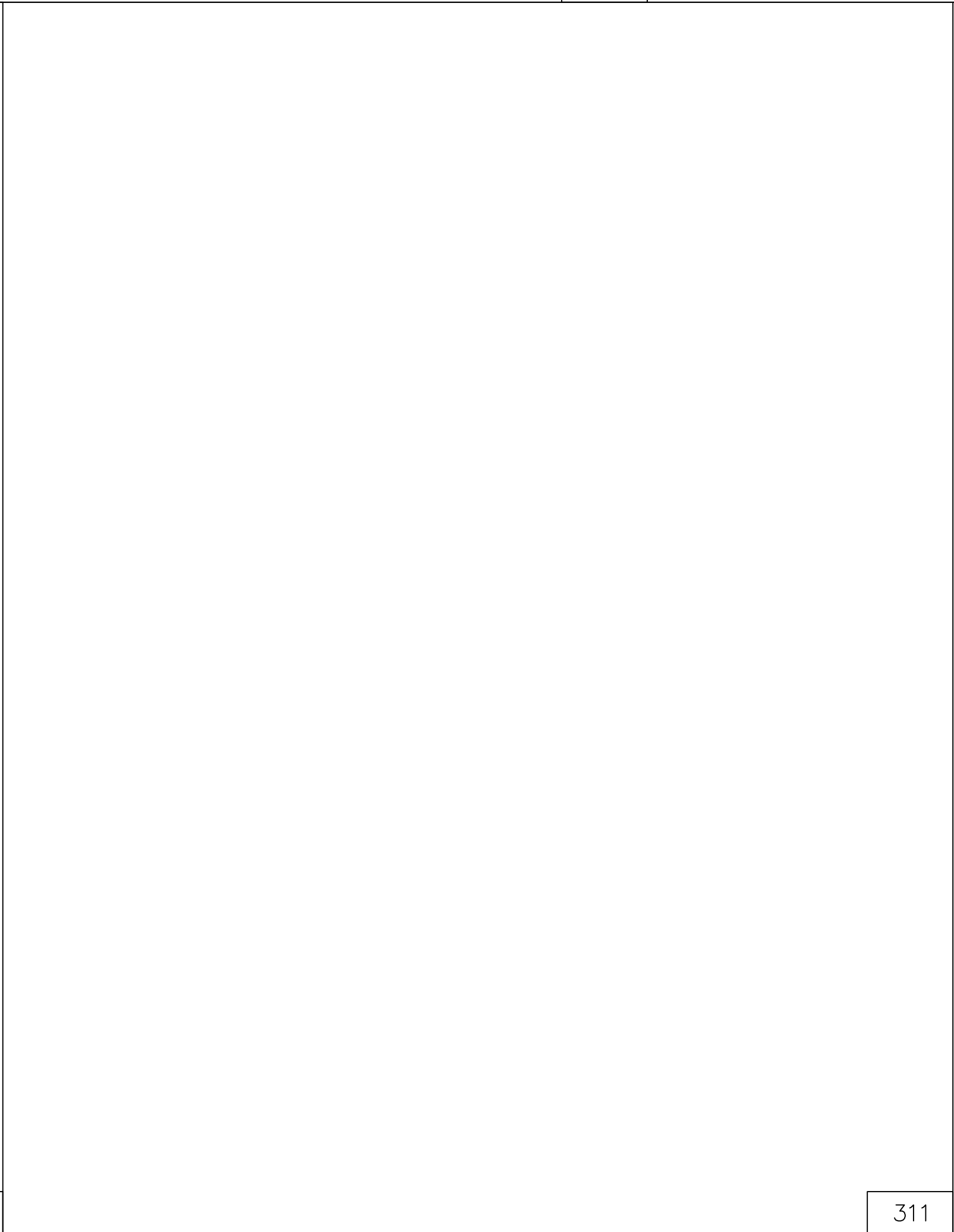
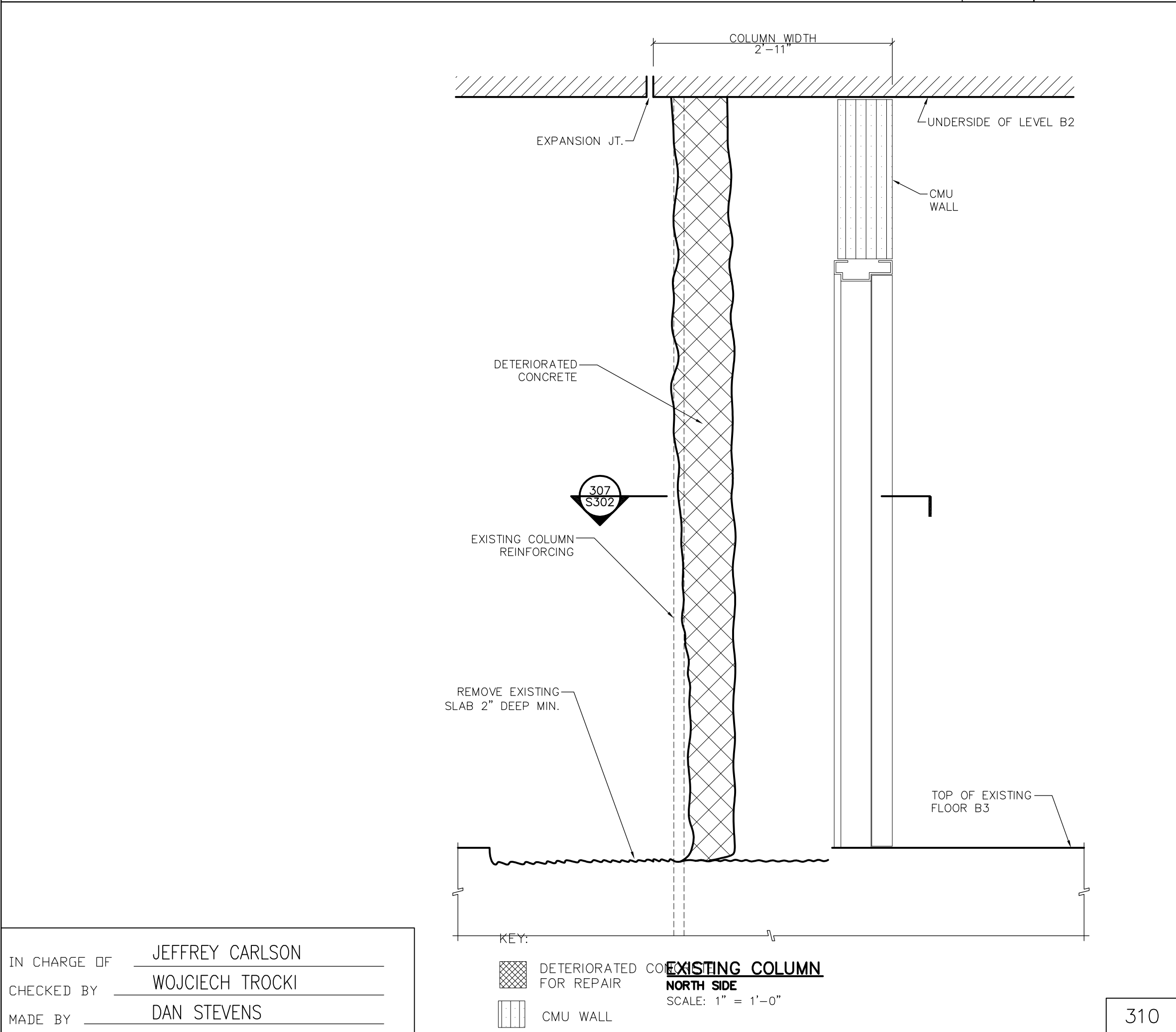
TOTAL EXPANSION JOINT REPAIR - PHASE 1			
KEY	QTY.	DESCRIPTION	DETAILS
	118 SF	TOTAL EXPANSION JOINT REPAIR IN LINEAR FEET (LF)	362/S352


- COLUMN ENCASEMENT NOTES:**
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  - SEE SHEET S300 FOR COLUMN ENCASEMENT NOTES.
  - SEE SHEET S060 FOR BENT REINFORCING BAR DETAILS.
  - REFER TO COLUMN E11 (L11) REPAIR SHEETS S302, S303 & S304.
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  - SEE DETAIL 368/S352 FOR COLUMN REPAIR ABOVE THE B2 LEVEL.

 Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS										
MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 0TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350		FORENSIC INVESTIGATION										
	JEFFREY R. CARLSON, P.E. 69 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER										
MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (O)		MEP ENGINEERS										
<table><tr><td>7/23/2020</td><td>DS</td><td>JC</td><td>RELEASE FOR BID</td></tr><tr><td>7/23/2020</td><td>DS</td><td>JC</td><td>FOR COMMISSIONER MEETING</td></tr></table>			7/23/2020	DS	JC	RELEASE FOR BID	7/23/2020	DS	JC	FOR COMMISSIONER MEETING		
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PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK SLAB AND EXPANSION JOINT REPAIR PLAN - LEVEL B2												



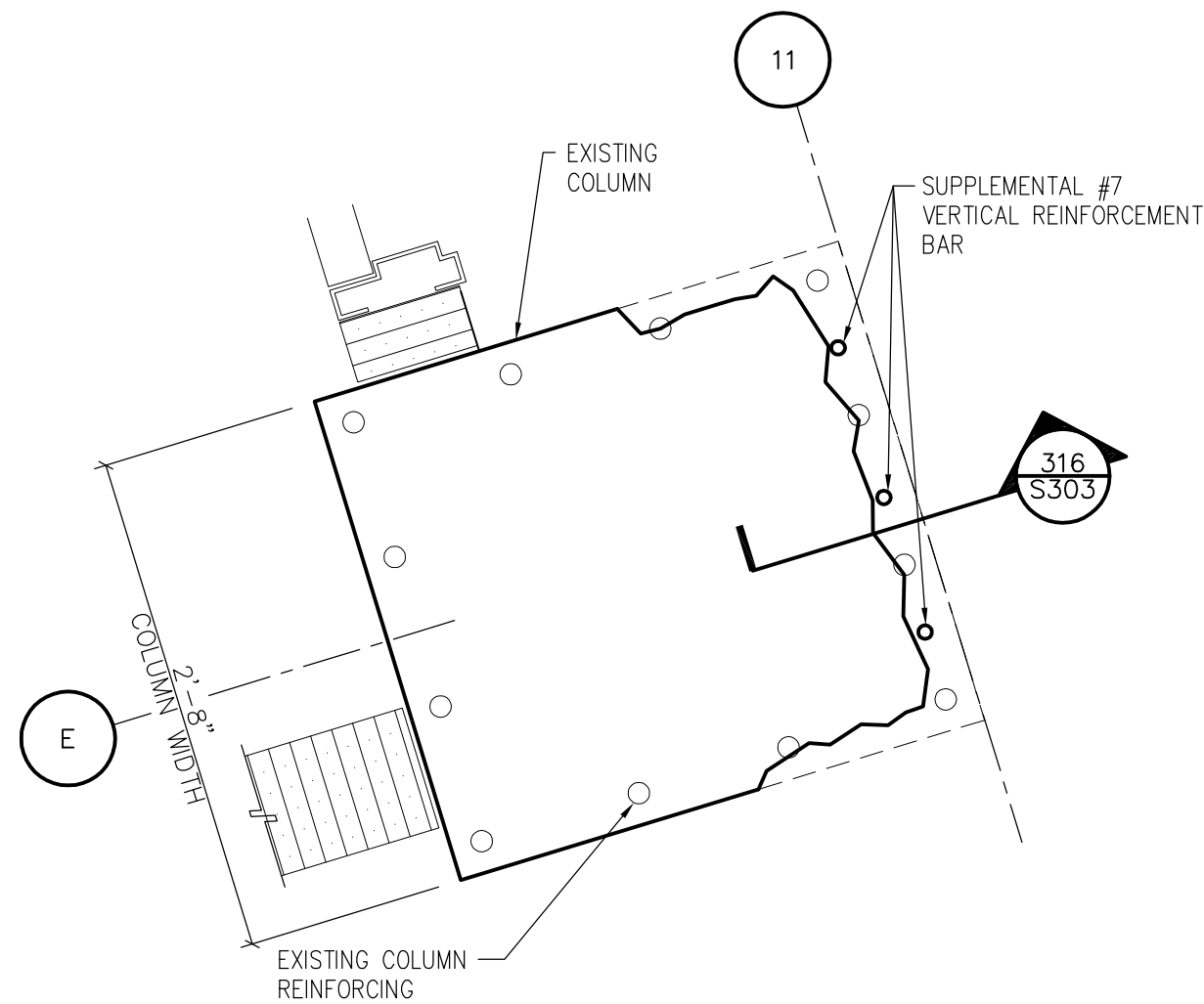
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  2. SEE DETAIL 368/S352 FOR COLUMN REPAIR ABOVE THE B2 LEVEL.



<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS								
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION								
 07/27/20	JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER								
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<b>RECORD DRAWING CERTIFICATION</b>										
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NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____								
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		COUNTY MAPS: 19-515 SHEET NUMBER: S302								
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK COLUMN E11 (L11) ENCASEMENT REPAIR DETAILS		SCALE: AS NOTED DATE: 7-25-2020 DWG FILE NO.: 52-01-S-406-0								

IN CHARGE OF: JEFFREY CARLSON  
CHECKED BY: WOJCIECH TROCKI  
MADE BY: DAN STEVENS

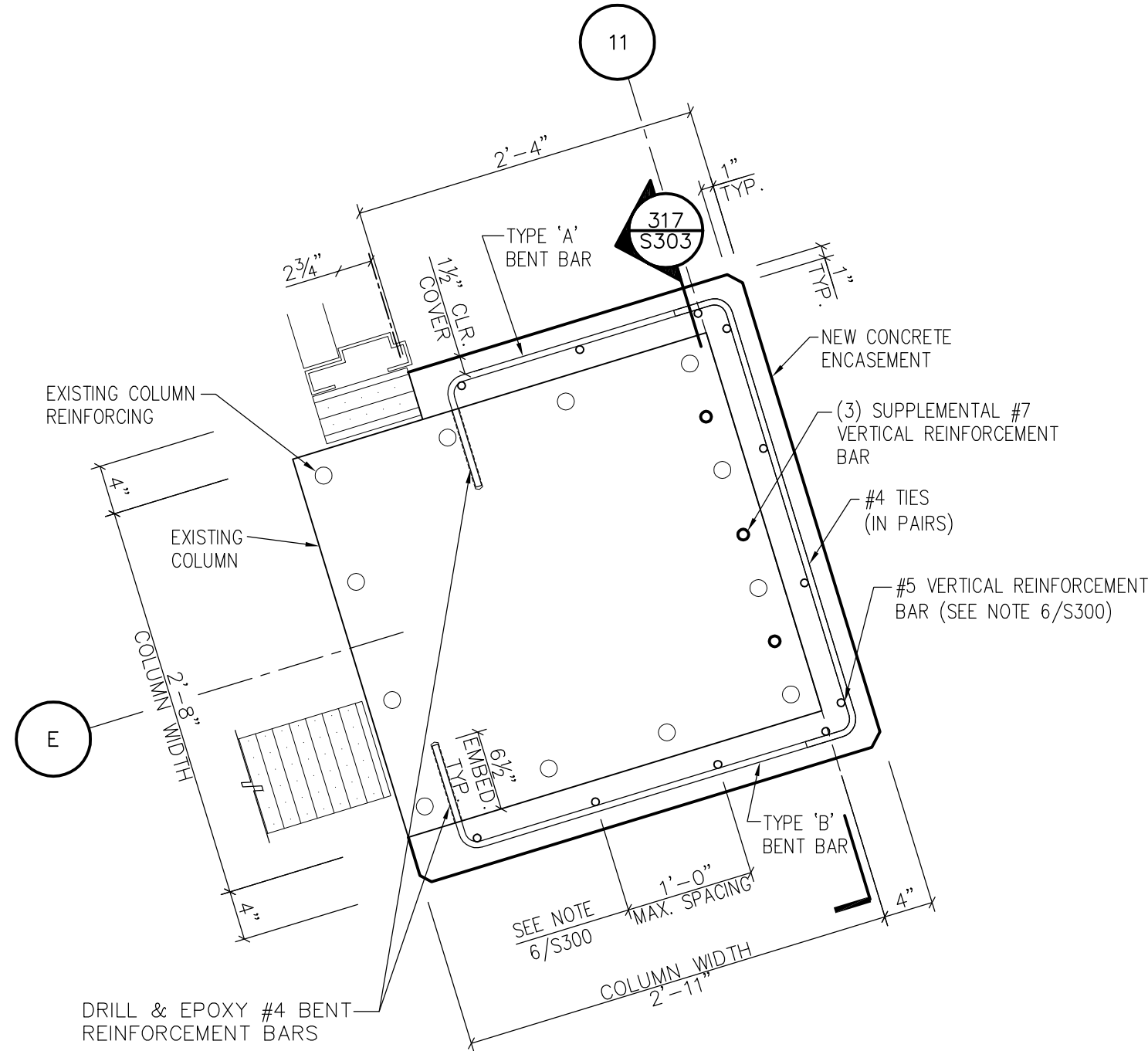




**SUPPLEMENTAL COLUMN REINFORCING**  
**COLUMN E11 (L11)**  
SCALE: 1" = 1'-0"

KEY:  
CMU WALL

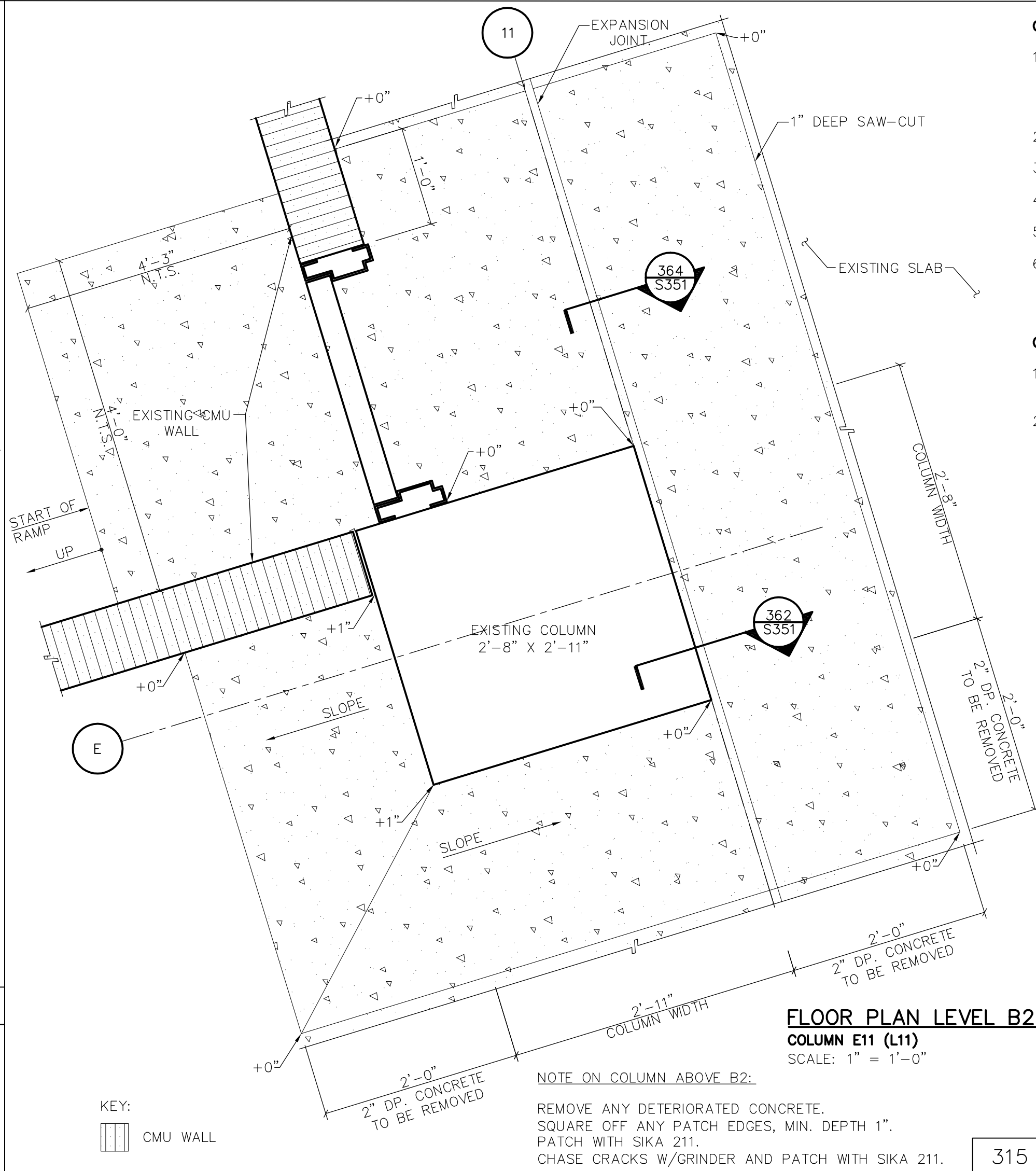
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**COLUMN ENCASEMENT SECTION**  
**COLUMN E11 (L11)**  
SCALE: 1" = 1'-0"

KEY:  
CMU WALL

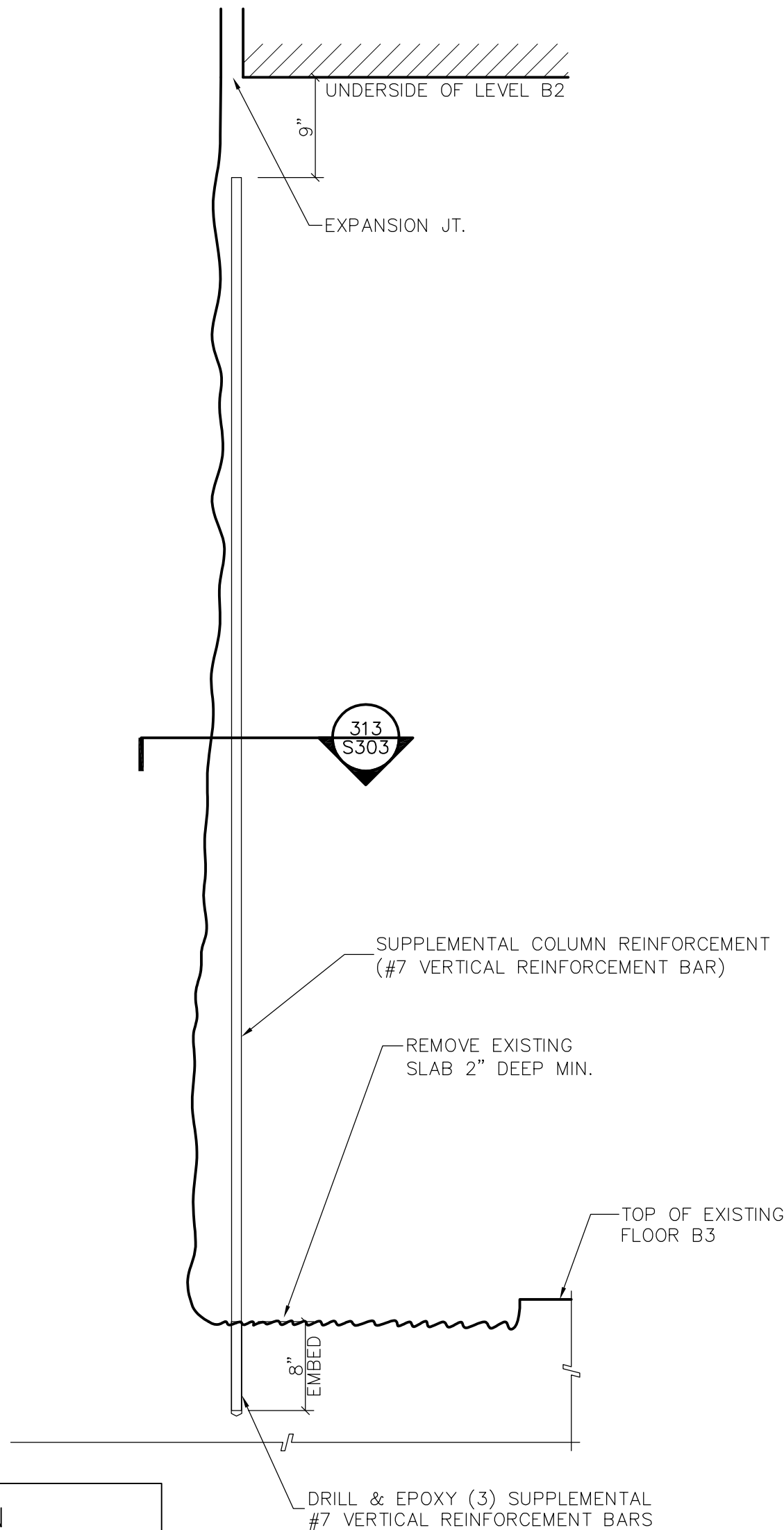
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**FLOOR PLAN LEVEL B2**  
**COLUMN E11 (L11)**  
SCALE: 1" = 1'-0"

KEY:  
CMU WALL

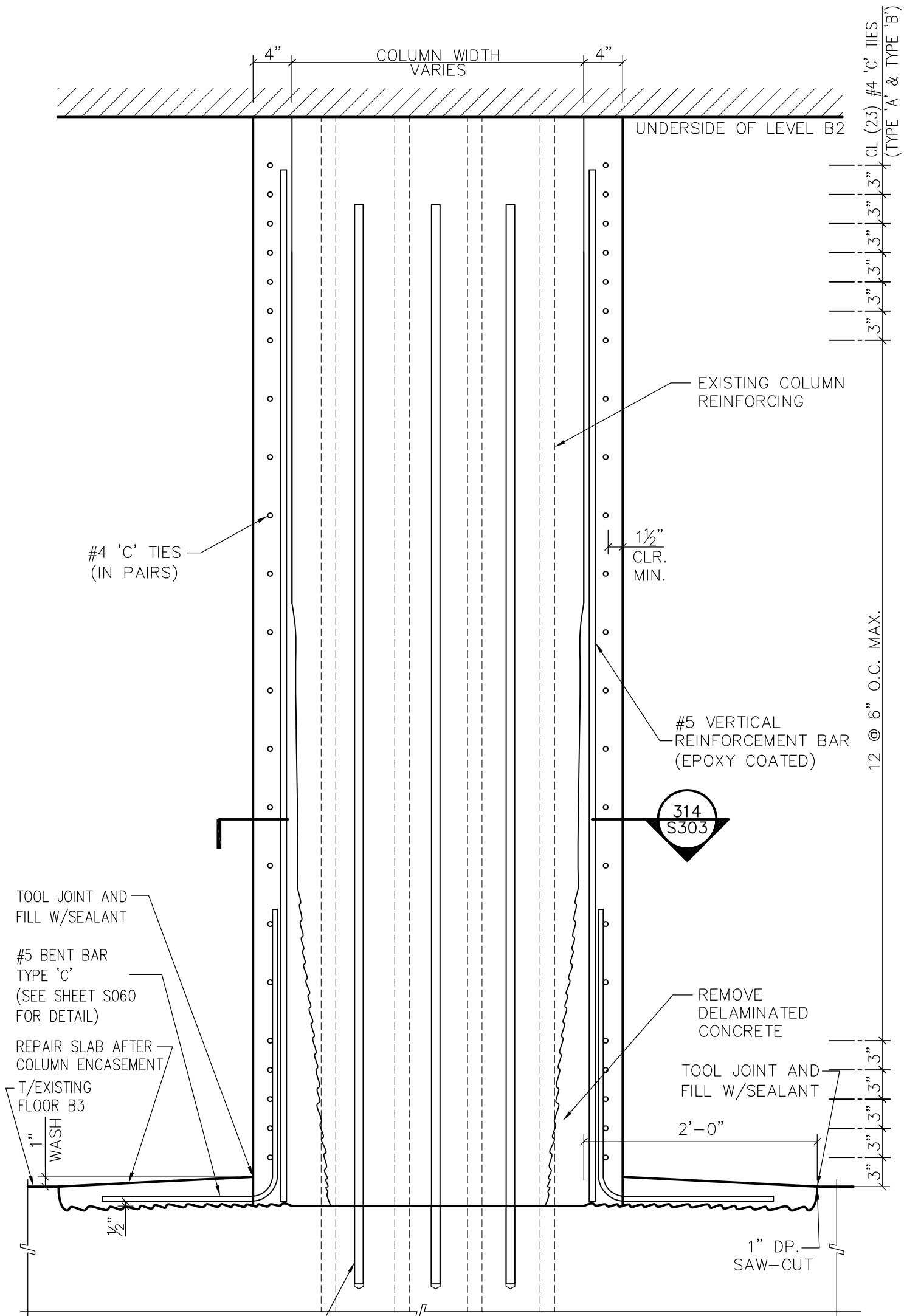
315



**SUPPLEMENTAL REINFORCEMENT SECTION**  
**COLUMN E11 (L11)**  
SCALE: 1" = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

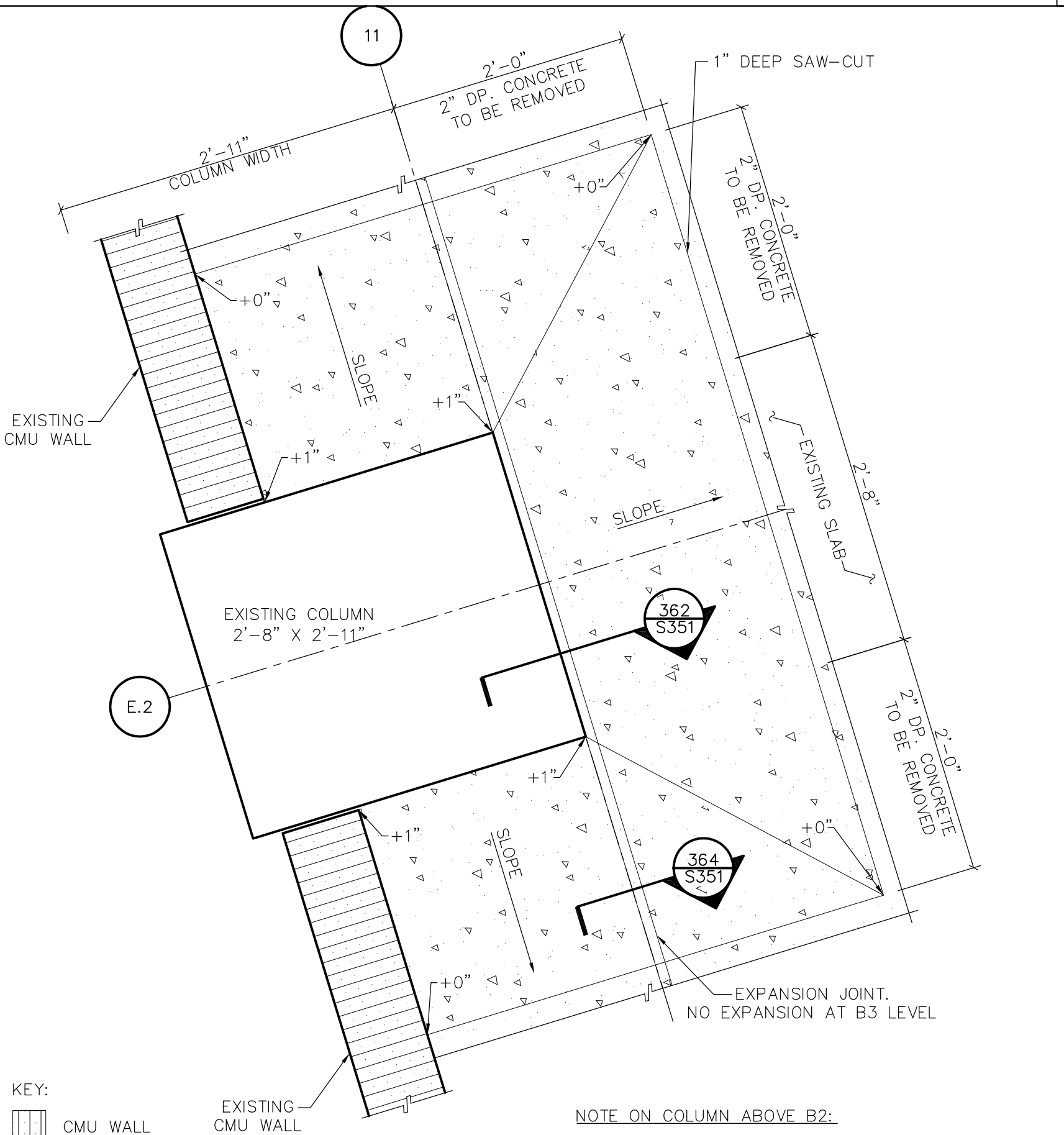
316



**COLUMN ENCASEMENT**  
**COLUMN E11 (L11)**  
SCALE: 1" = 1'-0"

SEE DETAIL 306 SHEET S300 FOR ADDITIONAL  
INFORMATION ON BLOCKOUTS IN COLUMN  
ENCASEMENT FOR EXISTING EMBEDMENTS.

317



KEY:  
CMU WALL

**FLOOR PLAN LEVEL B2 & B3 SIM.**  
**COLUMN E11 (L11)**  
SCALE: 1" = 1'-0"

NOTE: EXPANSION JOINT AT B2 LEVEL ONLY!

NOTE ON COLUMN ABOVE B2:  
REMOVE ANY DETERIORATED CONCRETE.  
SQUARE OFF ANY PATCH EDGES, MIN. DEPTH 1".  
PATCH WITH SIKKA 211.  
CHASE CRACKS W/GRINDER AND PATCH WITH SIKKA 211.

**COLUMN ENCASEMENT NOTES:**

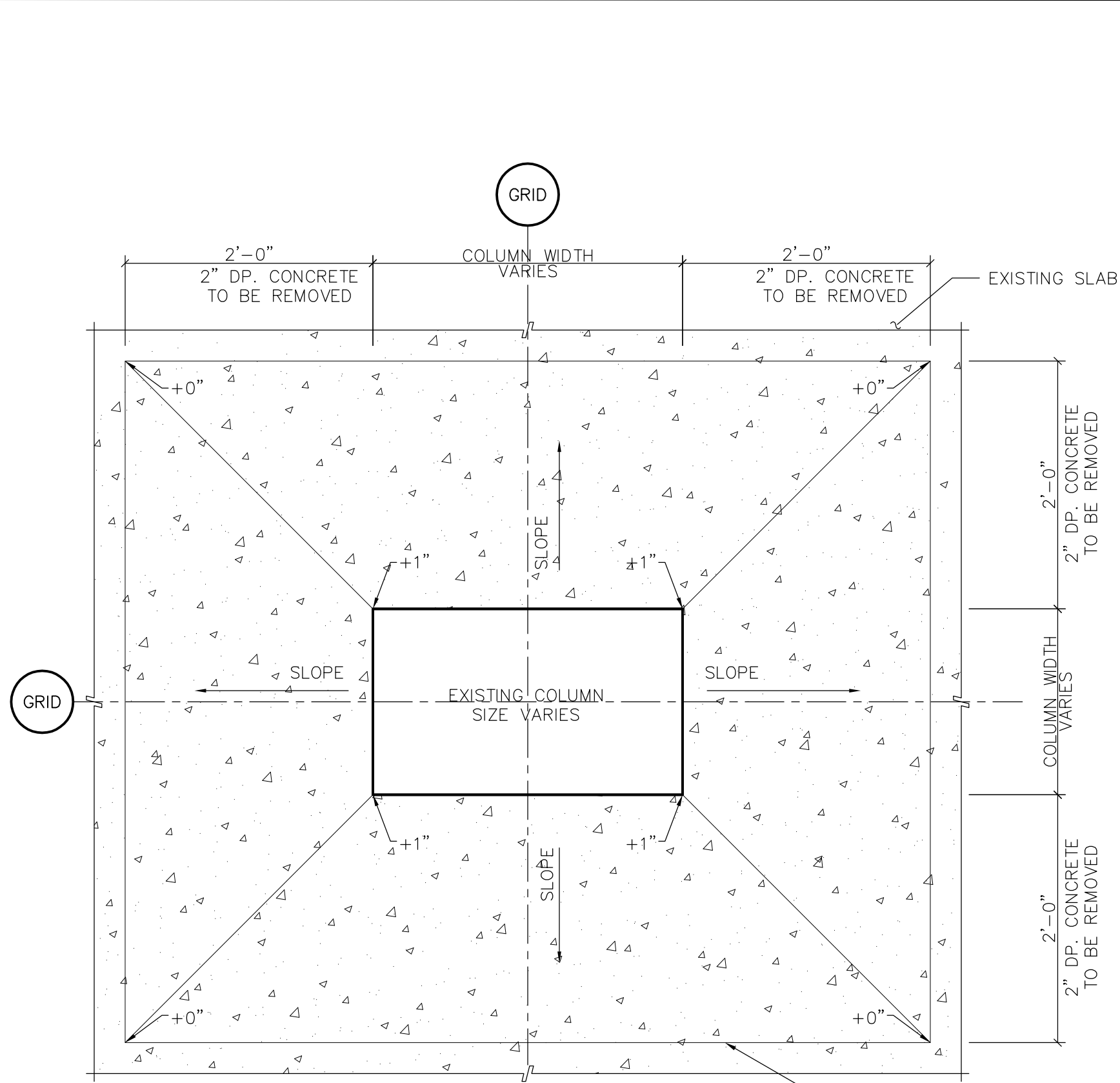
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**COLUMN REPAIR NOTES:**

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- SEE DETAIL 368/S352 FOR COLUMN REPAIR ABOVE THE B2 LEVEL.

<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION
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	7/23/2020	DS	JC	RELEASE FOR BID
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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NAME			NAME	
SIGNATURE			SIGNATURE	
TITLE			TITLE	
DATE			DATE	
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DEPARTMENT OF PUBLIC WORKS			19-515	
AND TRANSPORTATION			S303	
DIVISION OF ENGINEERING			SHEET NO. 40 OF 47	
PARKING GARAGE REHABILITATION - PHASE 1			SCALE: AS NOTED	
MICHAELIAN OFFICE BUILDING			DATE: 7-23-2020	
148 MARTINE AVENUE, WHITE PLAINS, NEW YORK			DWG FILE NO.	
COLUMN E11 (11) ENCASEMENT REPAIR DETAILS LEVEL B2 COLUMN & SLAB REPAIR DETAILS			52-01-S-407-0	

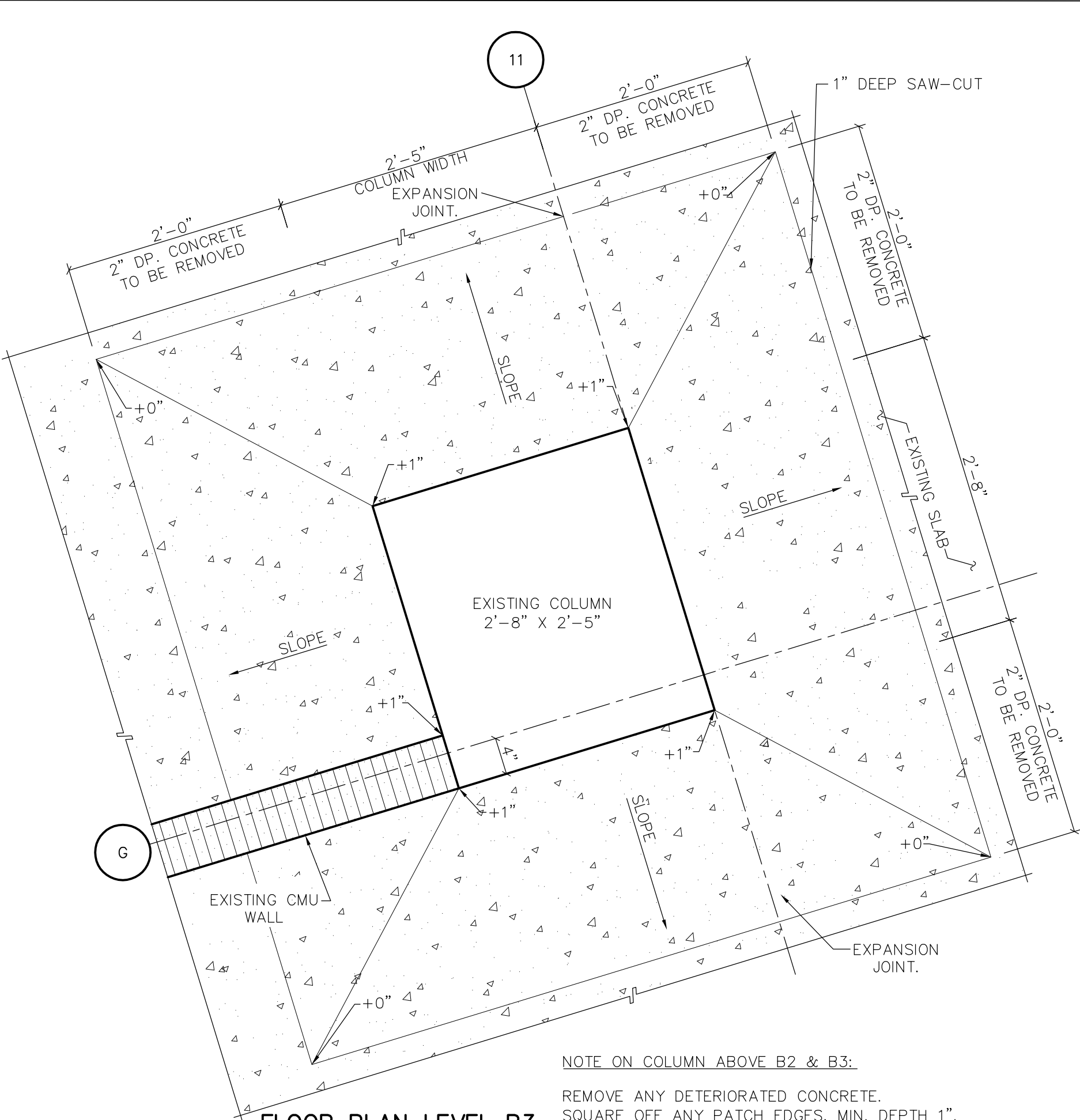


**FLOOR PLAN LEVEL B2 & B3  
TYPICAL COLUMN**  
SCALE: 1" = 1'-0"

NOTE ON COLUMN ABOVE B2 & B3:

REMOVE ANY DETERIORATED CONCRETE.  
SQUARE OFF ANY PATCH EDGES, MIN. DEPTH 1".  
PATCH WITH SIKI 211.

CHASE CRACKS W/GRINDER AND PATCH WITH SIKI 211.



**FLOOR PLAN LEVEL B3  
COLUMN G/11**  
SCALE: 1" = 1'-0"

NOTE ON COLUMN ABOVE B2 & B3:

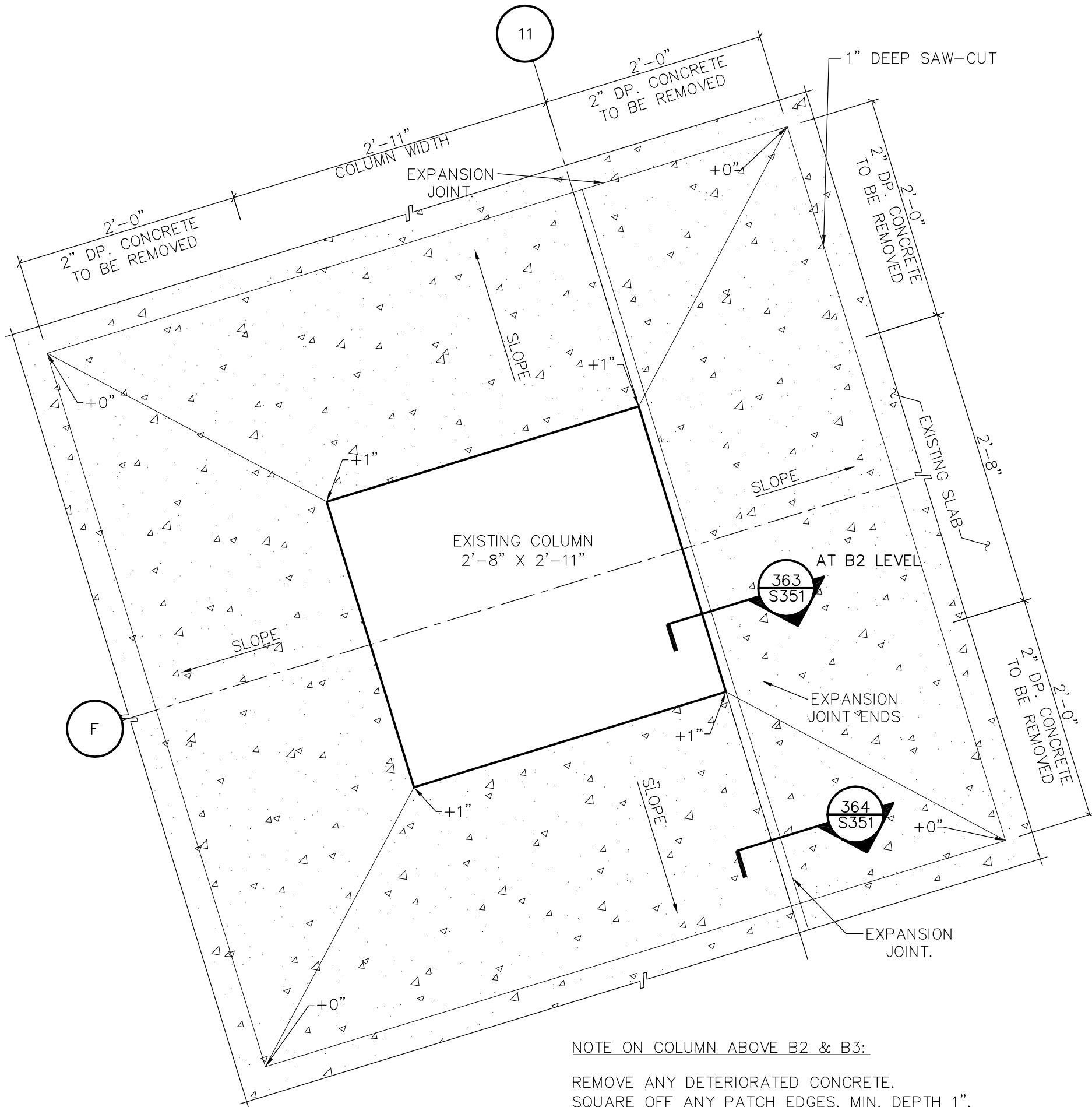
REMOVE ANY DETERIORATED CONCRETE.  
SQUARE OFF ANY PATCH EDGES, MIN. DEPTH 1".  
PATCH WITH SIKI 211.

CHASE CRACKS W/GRINDER AND PATCH WITH SIKI 211.

KEY:  
CMU WALL

319

321

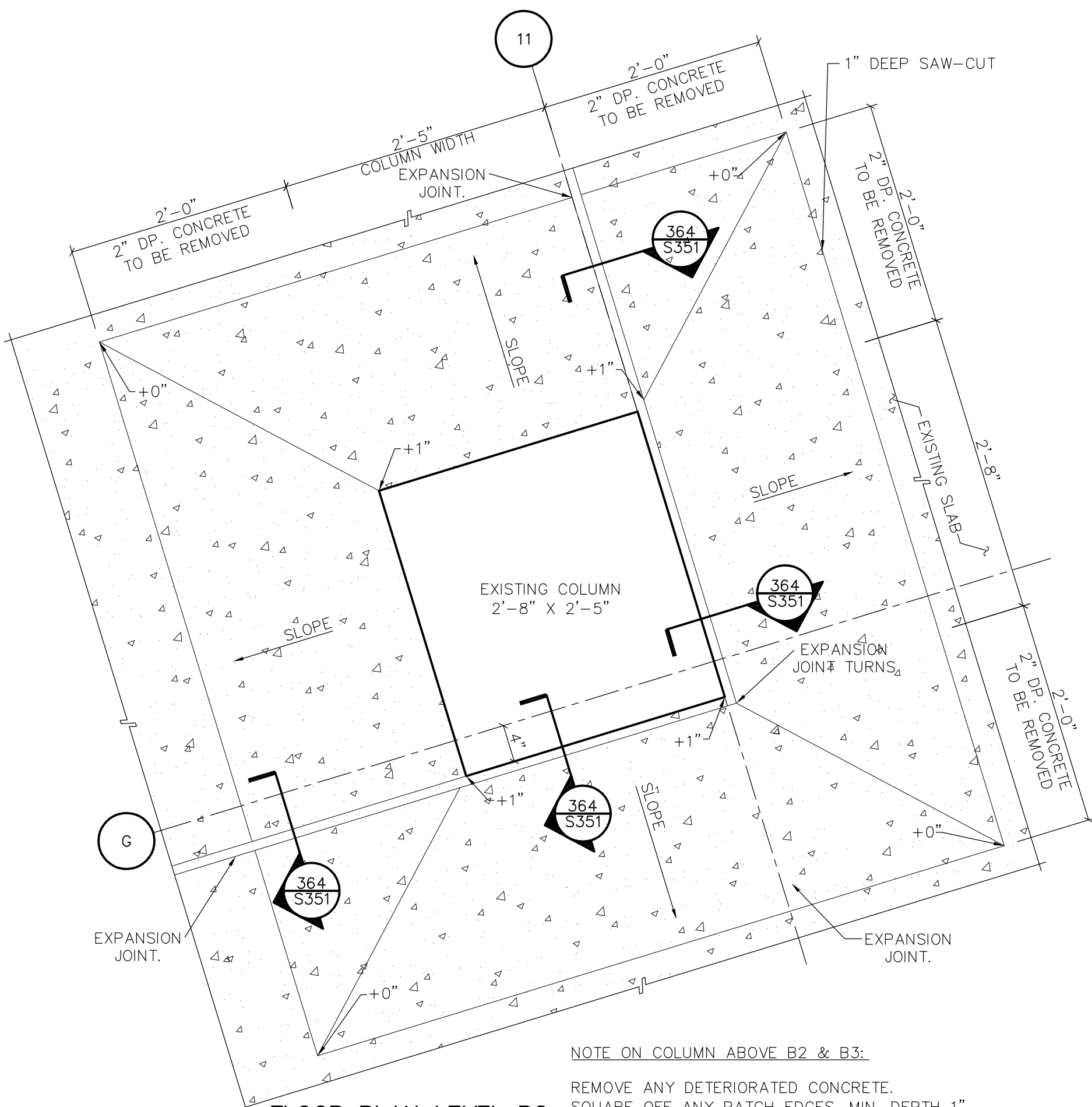


**FLOOR PLAN LEVEL B2 & B3  
COLUMN F/11**  
SCALE: 1" = 1'-0"

NOTE ON COLUMN ABOVE B2 & B3:

REMOVE ANY DETERIORATED CONCRETE.  
SQUARE OFF ANY PATCH EDGES, MIN. DEPTH 1".  
PATCH WITH SIKI 211.

CHASE CRACKS W/GRINDER AND PATCH WITH SIKI 211.



**FLOOR PLAN LEVEL B2  
COLUMN G/11**  
SCALE: 1" = 1'-0"

NOTE ON COLUMN ABOVE B2 & B3:

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PATCH WITH SIKI 211.

CHASE CRACKS W/GRINDER AND PATCH WITH SIKI 211.

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

**NOTE: EXPANSION JOINT AT B2 LEVEL ONLY!**

320


321A

**COLUMN ENCASEMENT NOTES:**

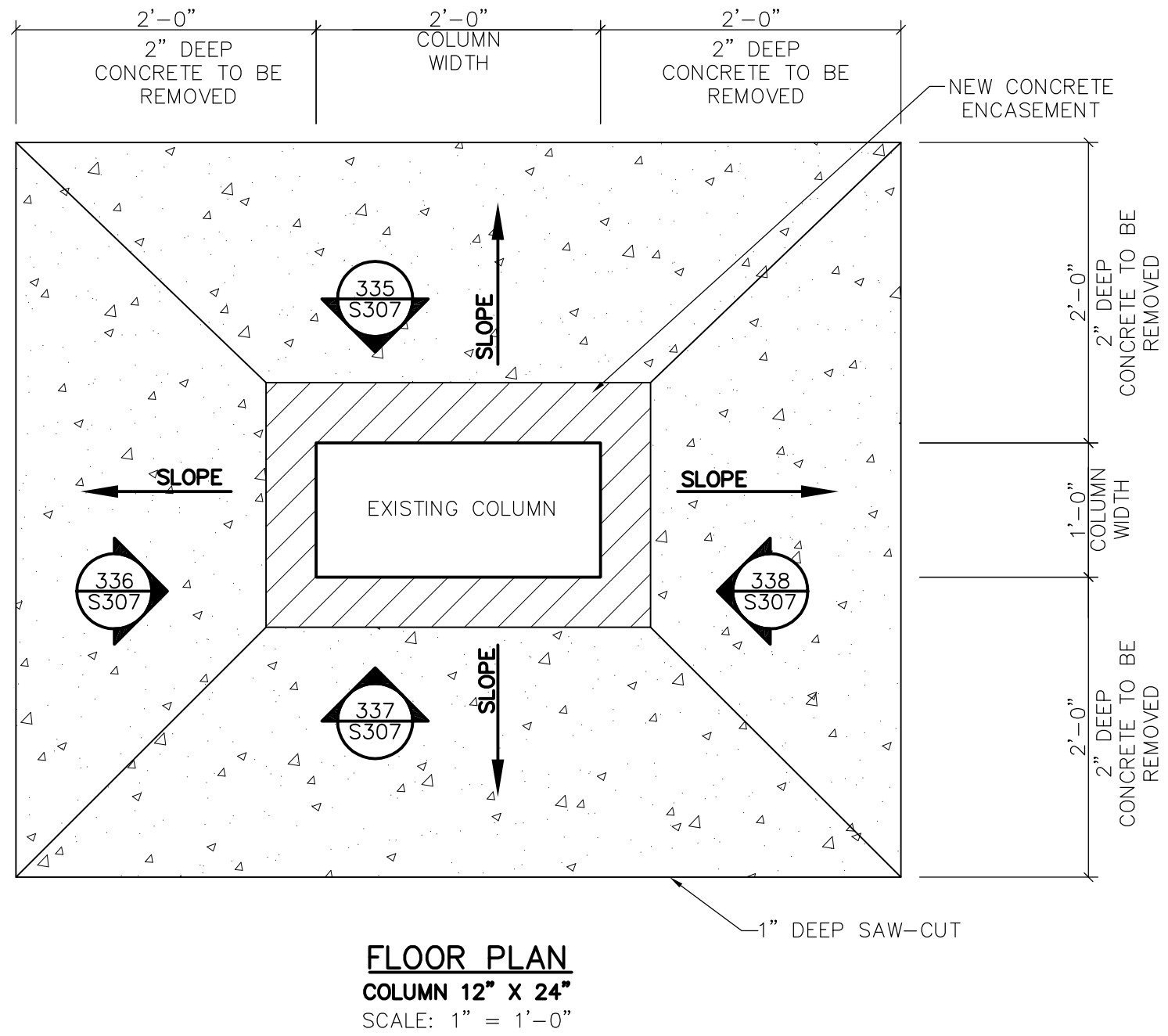
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**COLUMN REPAIR NOTES:**

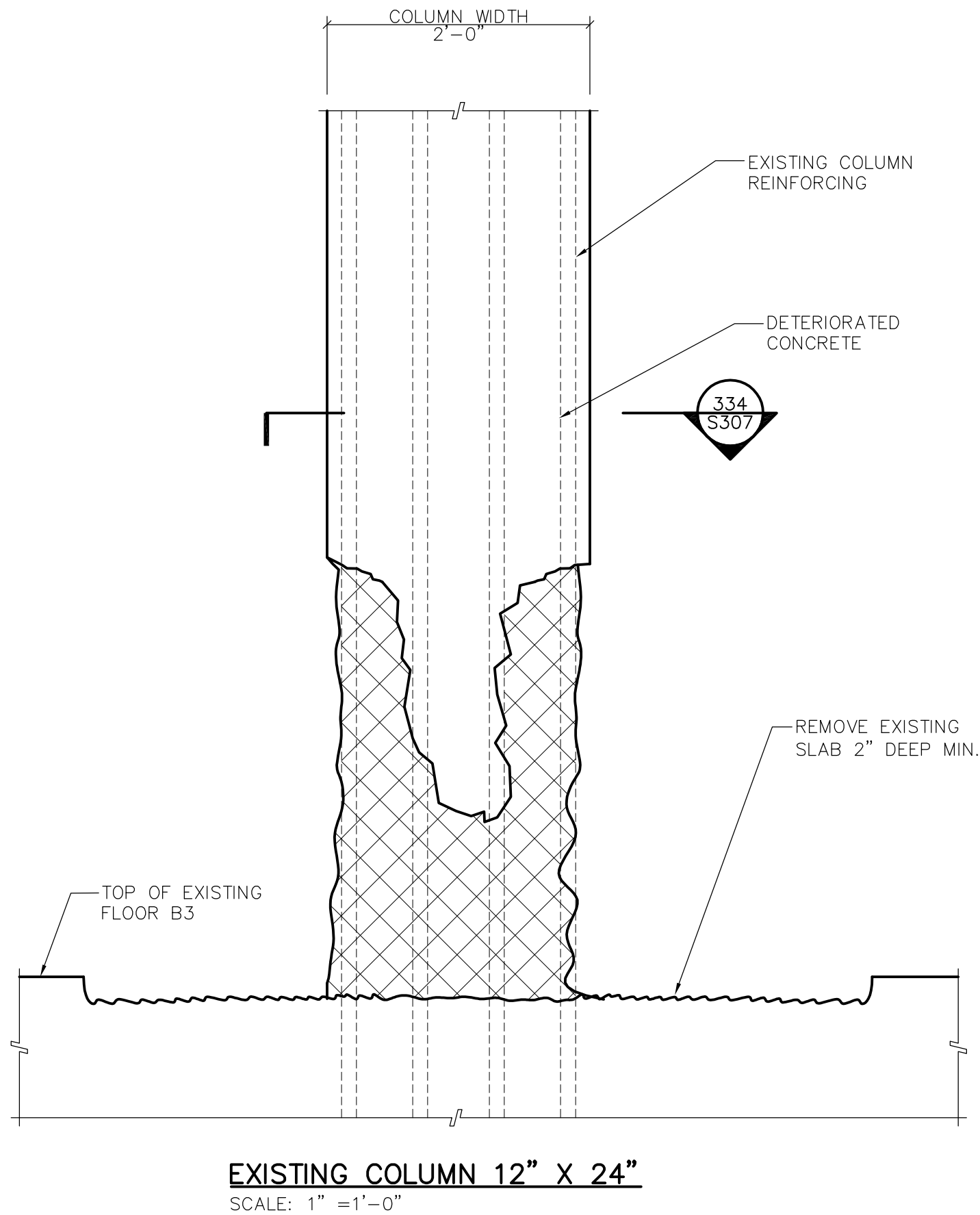
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		<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115	ARCHITECTS
		MICHAEL SCHULLER ATTORNSON, NOLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550	FORENSIC INVESTIGATION
07/27/20		JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER
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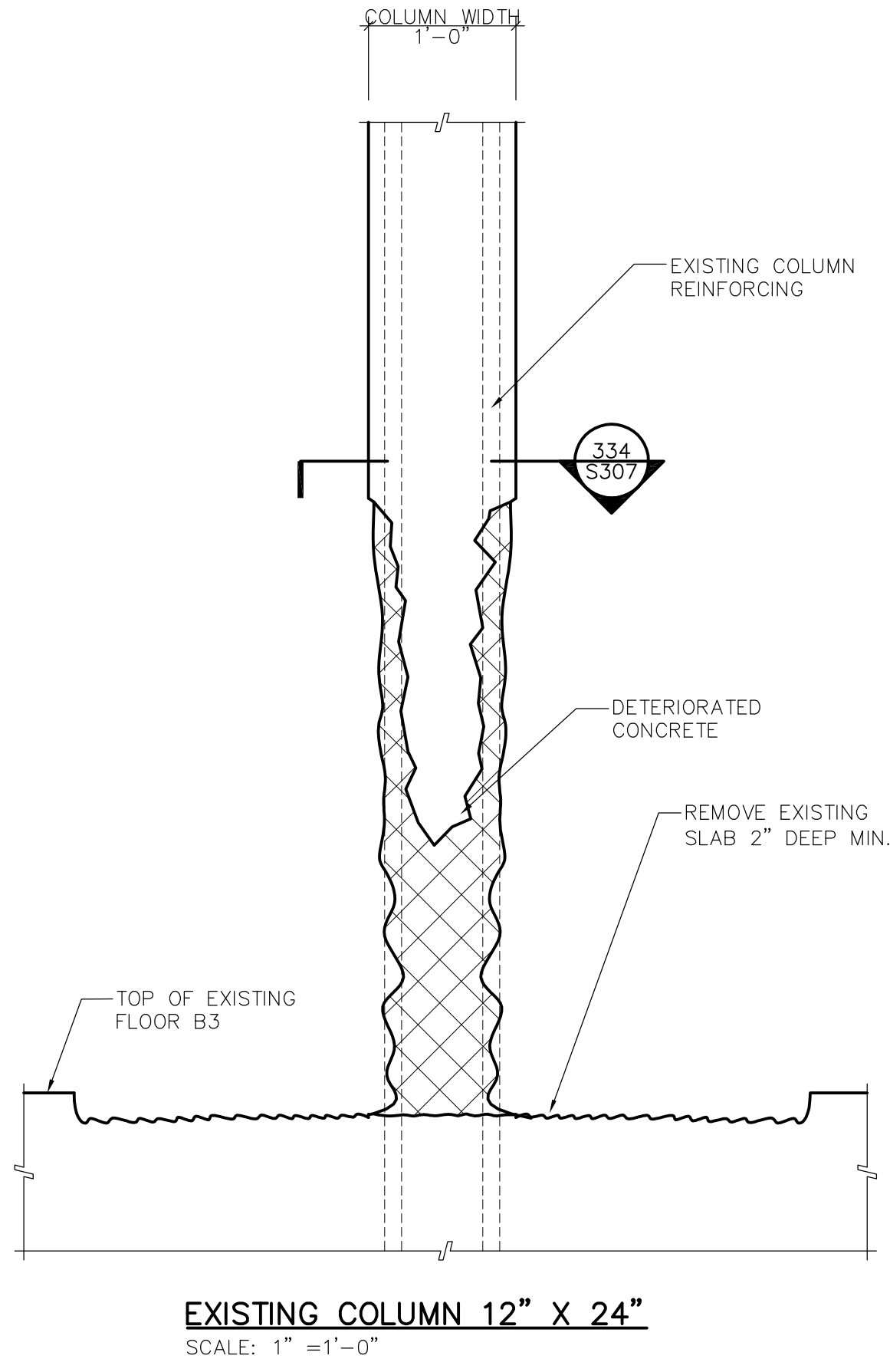
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NAME SIGNATURE TITLE		CONTRACTOR WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		
NAME SIGNATURE TITLE		PROJECT COORDINATOR MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK		
CONTRACT NUMBER 19-515		SHEET NUMBER S304		
SCALE AS NOTED		DATE 7-23-2020		
DRAW FILE NO.		52-01-S-408-0		



334



335



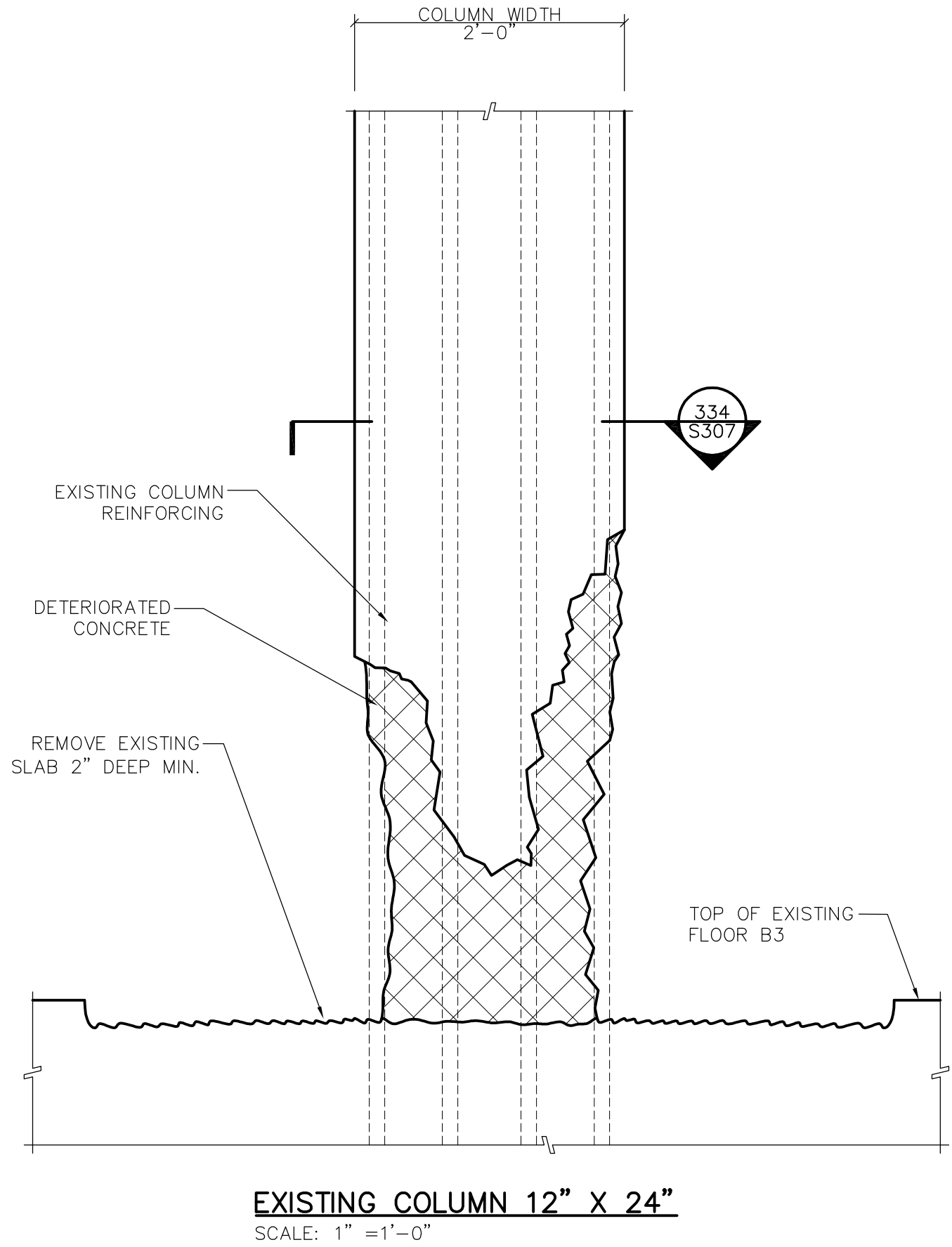
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COLUMN ENCASEMENT NOTES:

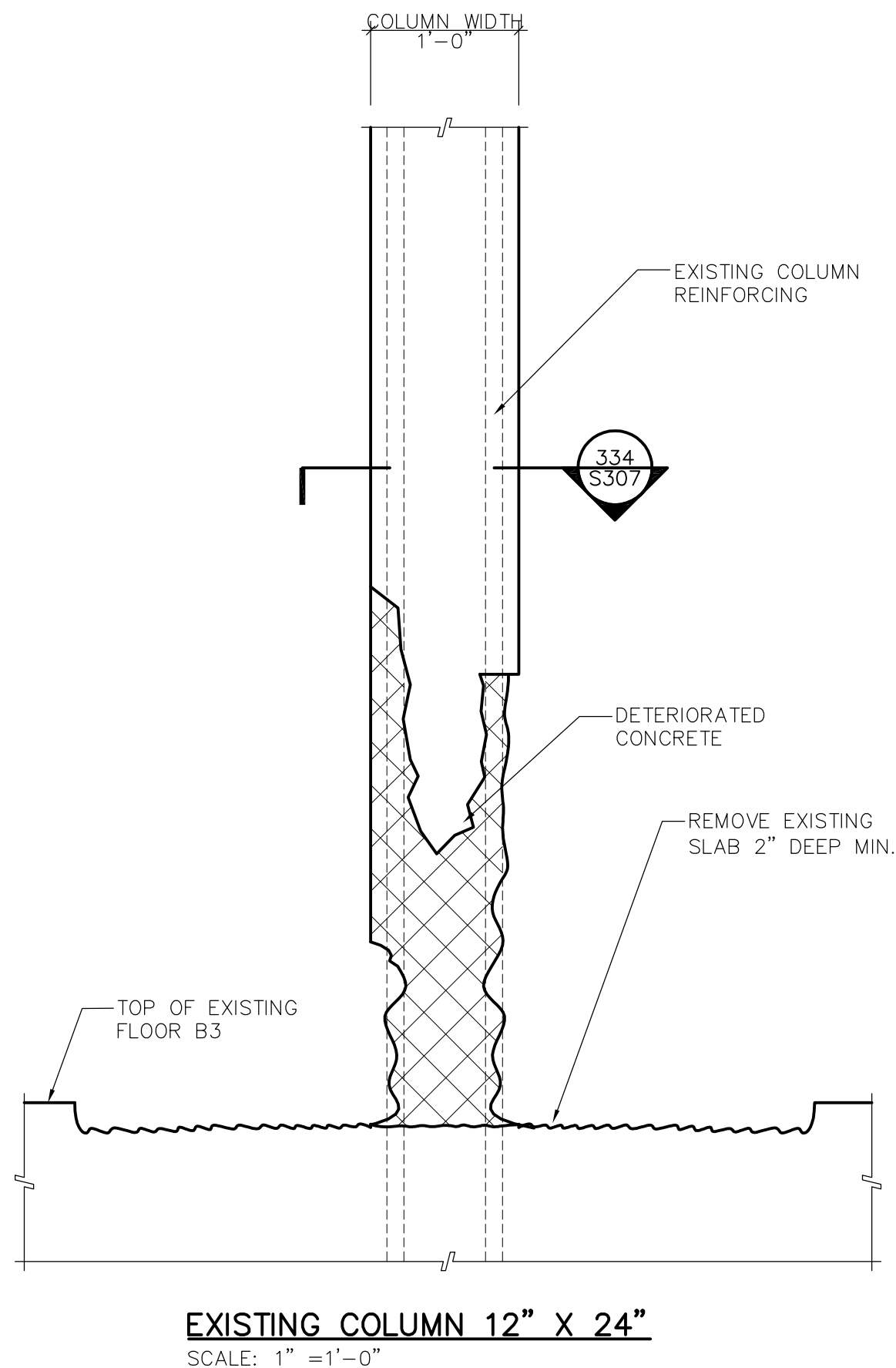
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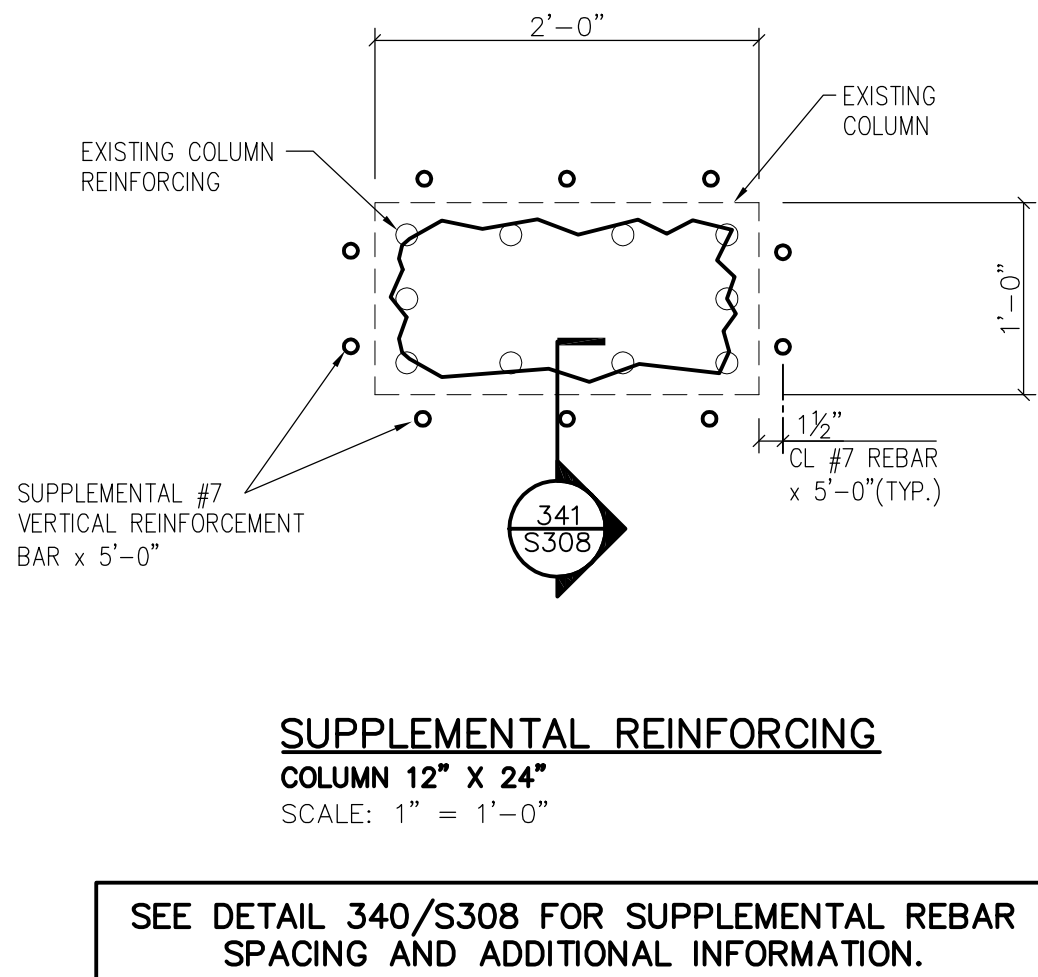
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337



338

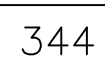
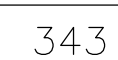
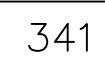
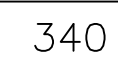


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		ARCHITECTS									
Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		FORENSIC INVESTIGATION									
MICHAEL SCHULLER ATTORNEY-AT-LAW AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		STRUCTURAL ENGINEER									
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MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-309-8161 (O)		MEP ENGINEERS									
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REVISION NUMBER    DATE    MADE BY    APP'D BY    REVISION											
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SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE								
TITLE	TITLE	TITLE	TITLE								
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PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE, WHITE PLAINS, NEW YORK		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO. 52-01-S-409-0									
ADDITIONAL COLUMN ENCASEMENT REPAIR DETAILS											

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

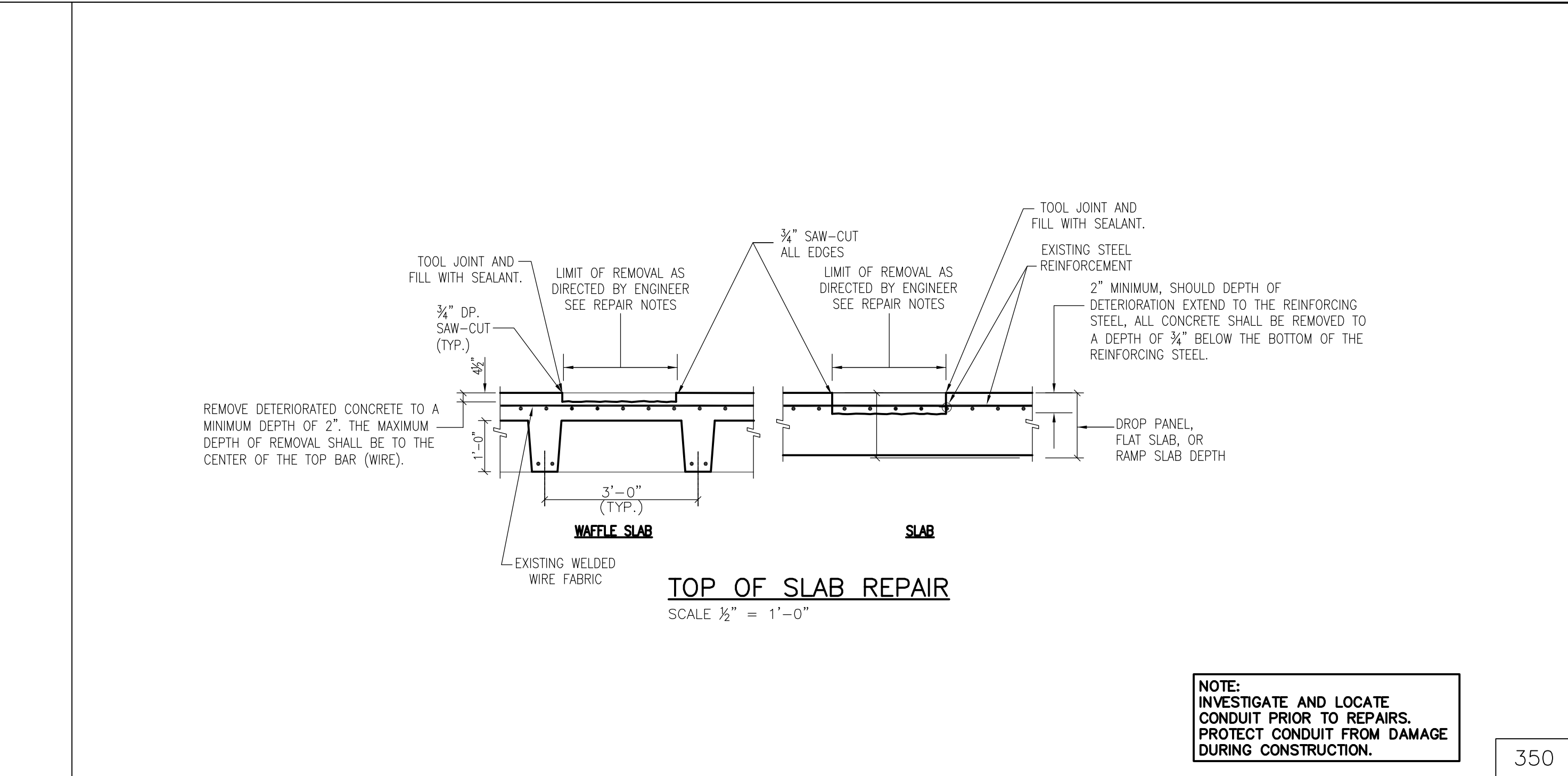
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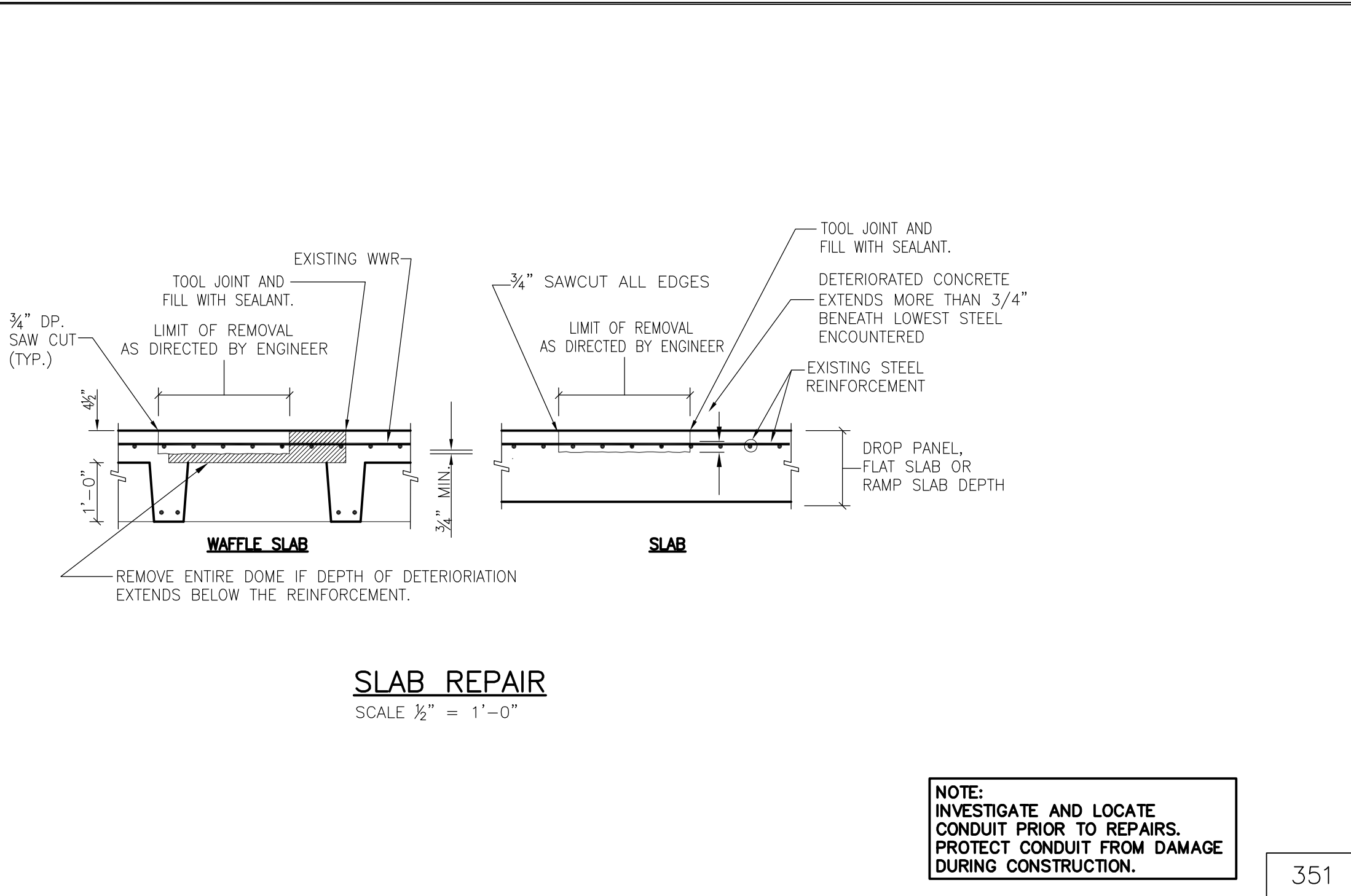
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<h1 style="margin: 0;">Lothrop</h1> <p style="margin: 0;">Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-748-1115</p>		<p style="margin: 0;">ARCHITECTS</p>
<p style="margin: 0;">MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 33 OLD SLIP, 0TH FLOOR NEW YORK, NEW YORK 10005 917-647-9950</p>		<p style="margin: 0;">FORENSIC INVESTIGATION</p>
<p style="margin: 0;">07/27/20</p>	<p style="margin: 0;">JEFFRY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985</p>	
<p style="margin: 0;">MARK VELZY CBK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL HILLS, NY 12533 914-509-8161 (O)</p>		<p style="margin: 0;">STRUCTURAL ENGINEER</p> <p style="margin: 0;">MEP ENGINEERS</p>
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7/23/2020	DIS	JC FOR COMMISSIONER MEETING
<b>REVISION NUMBER</b>	<b>DATE</b>	<b>MADE BY</b>
<b>APP'D BY</b>	<b>REVISION</b>	
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<p style="margin: 0;"><b>CONTRACTOR</b></p> <p style="margin: 0;">NAME _____</p> <p style="margin: 0;">SIGNATURE _____</p> <p style="margin: 0;">TITLE _____</p>		<p style="margin: 0;"><b>PROJECT COORDINATOR</b></p> <p style="margin: 0;">NAME _____</p> <p style="margin: 0;">SIGNATURE _____</p> <p style="margin: 0;">TITLE _____</p>
DATE	DATE	
<p style="margin: 0;">WESTCHESTER COUNTY, NEW YORK</p> <p style="margin: 0;">DEPARTMENT OF PUBLIC WORKS</p> <p style="margin: 0;">AND TRANSPORTATION</p> <p style="margin: 0;">DIVISION OF ENGINEERING</p>		
<p style="margin: 0;"><b>PARKING GARAGE REHABILITATION – PHASE 1</b></p> <p style="margin: 0;">MICHAEL J. OTTO, SUPERVISOR</p> <p style="margin: 0;">148 MARTINE AVENUE, WHITE PLAINS, NEW YORK</p> <p style="margin: 0;">ADDITIONAL COLUMN ENCASEMENT REPAIR DETAILS</p>		
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<p style="margin: 0;">SHEET NO. 43 OF 87</p> <p style="margin: 0;">SCALE: AS NOTED</p> <p style="margin: 0;">DWG FILE NO.</p> <p style="margin: 0;"><b>52-01-S-410-0</b></p>		

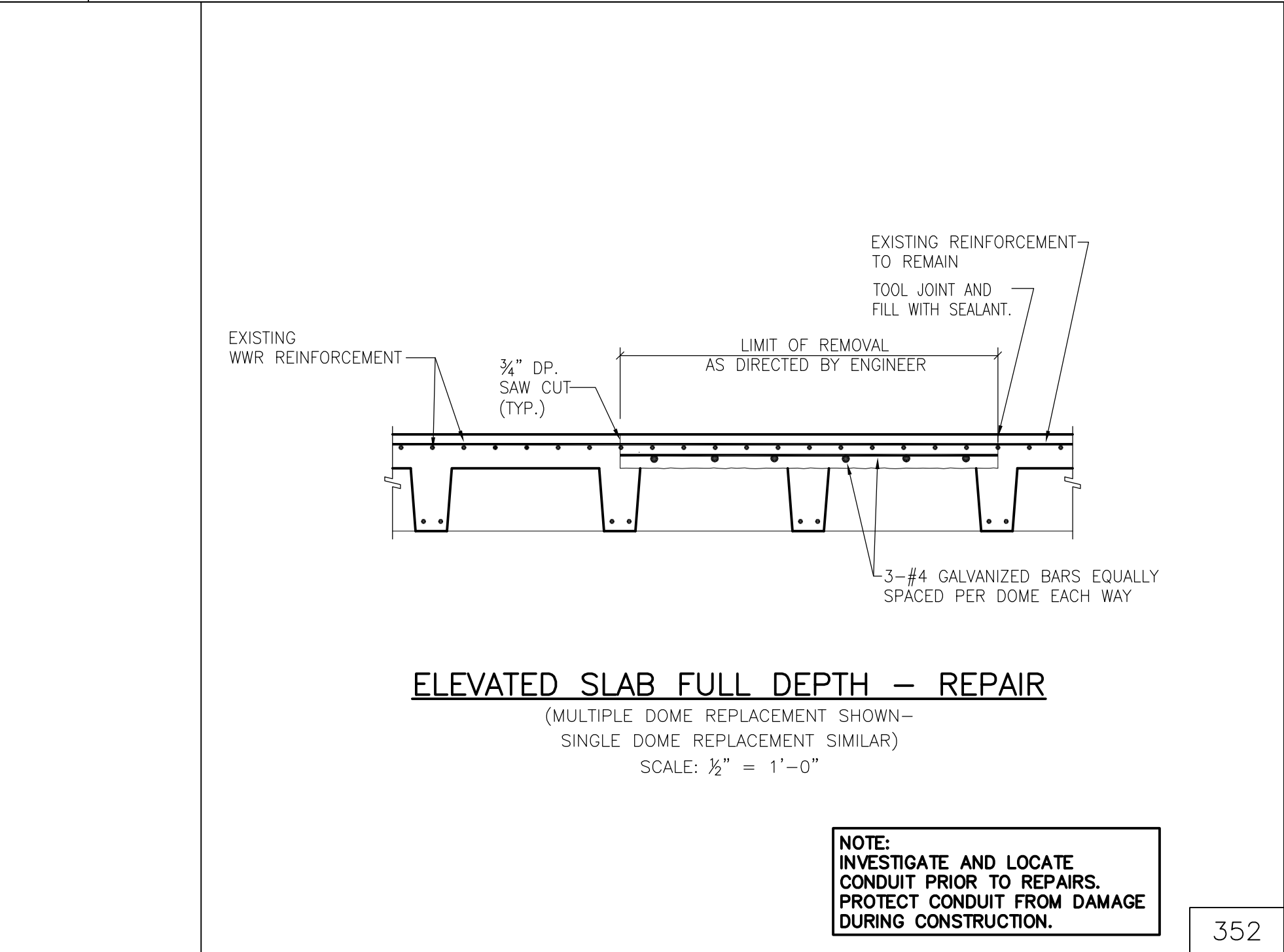




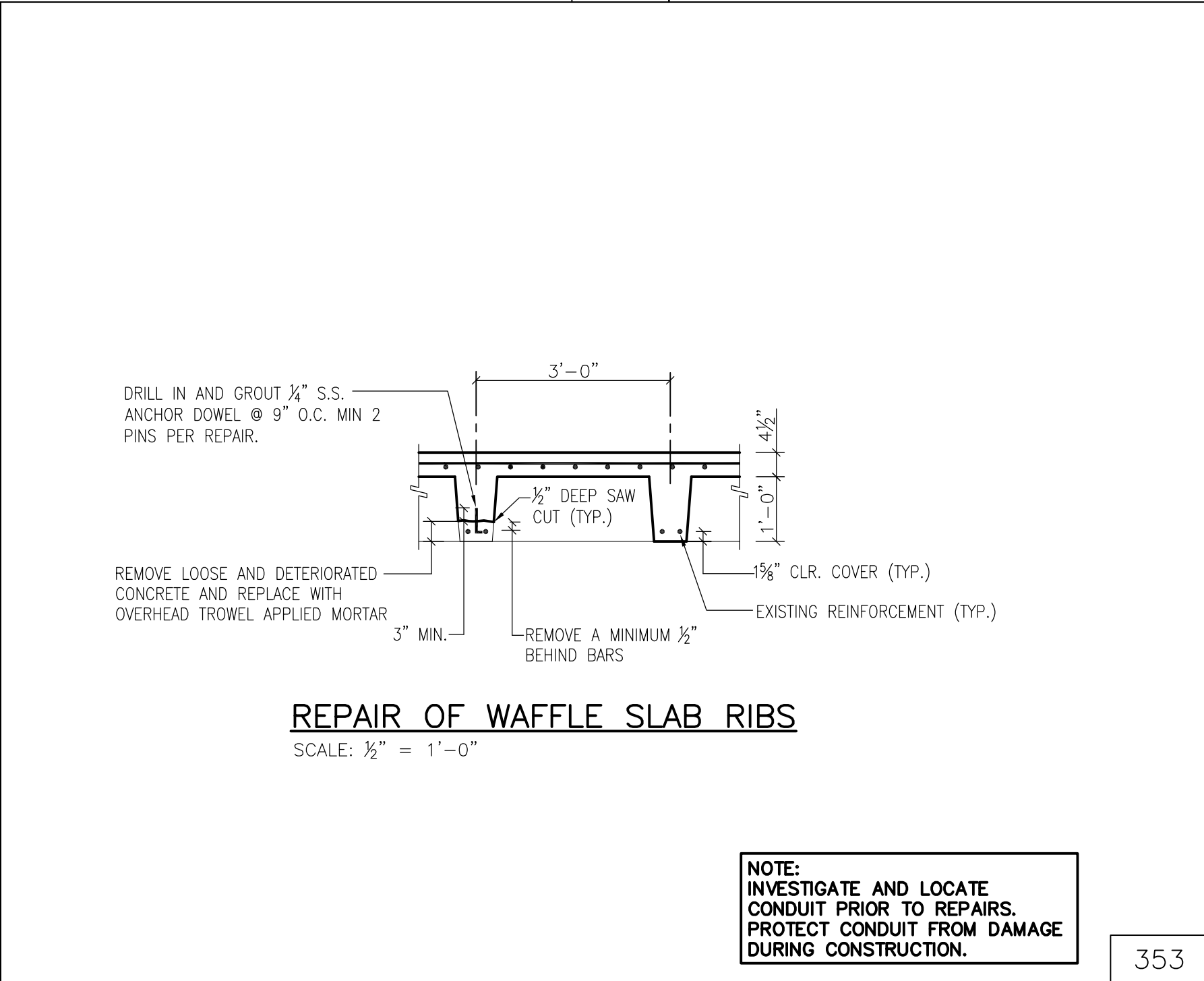
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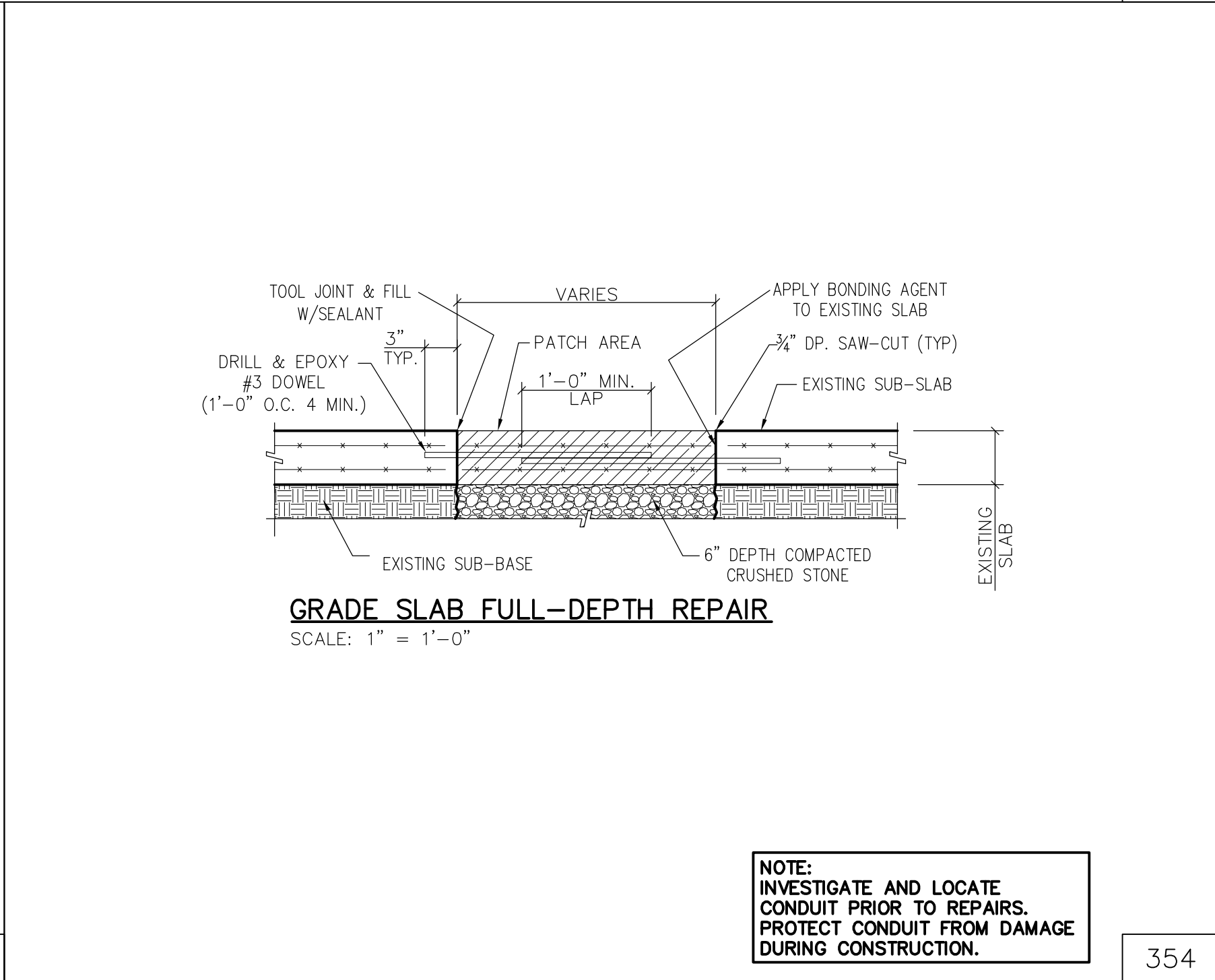
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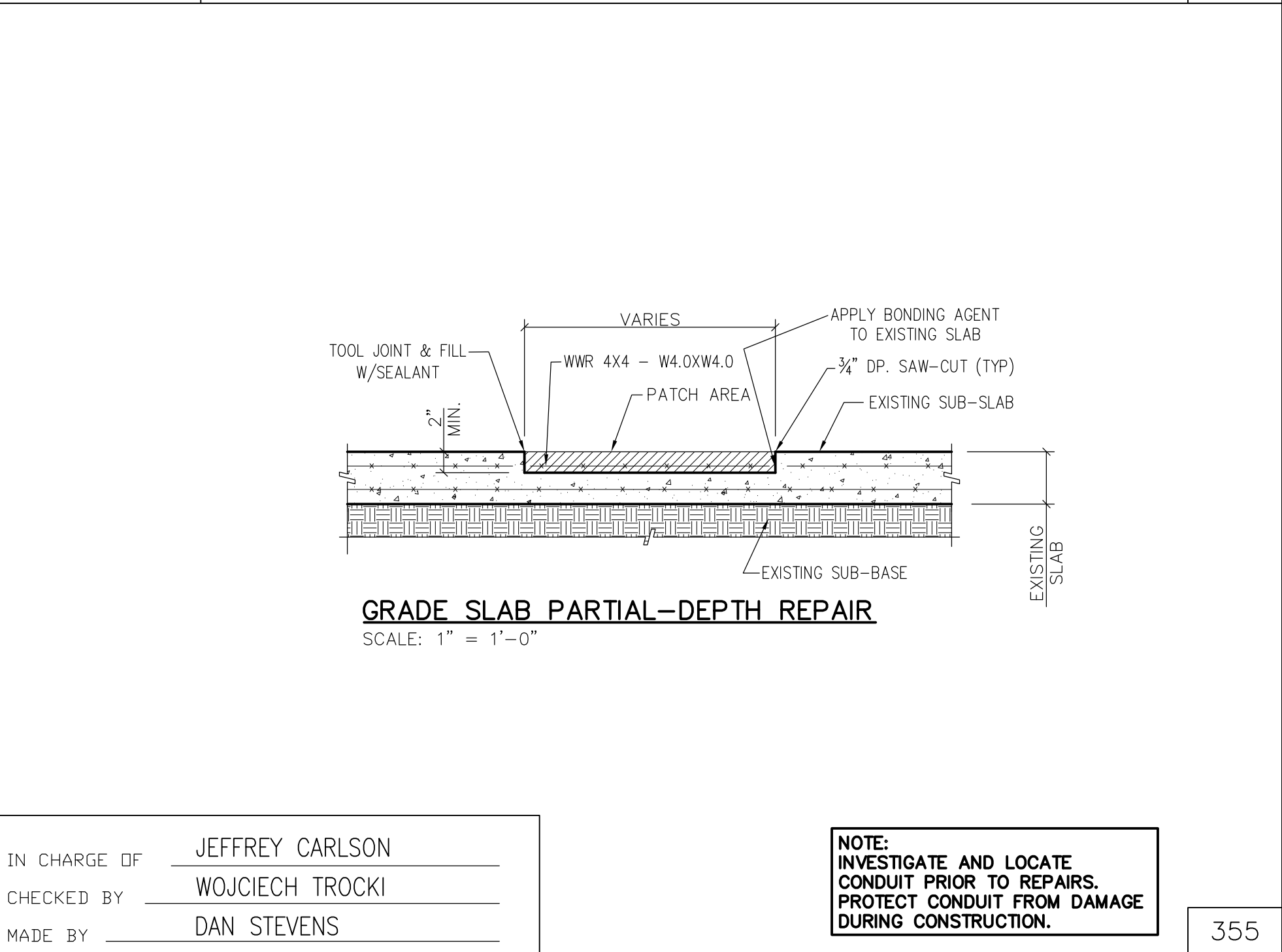
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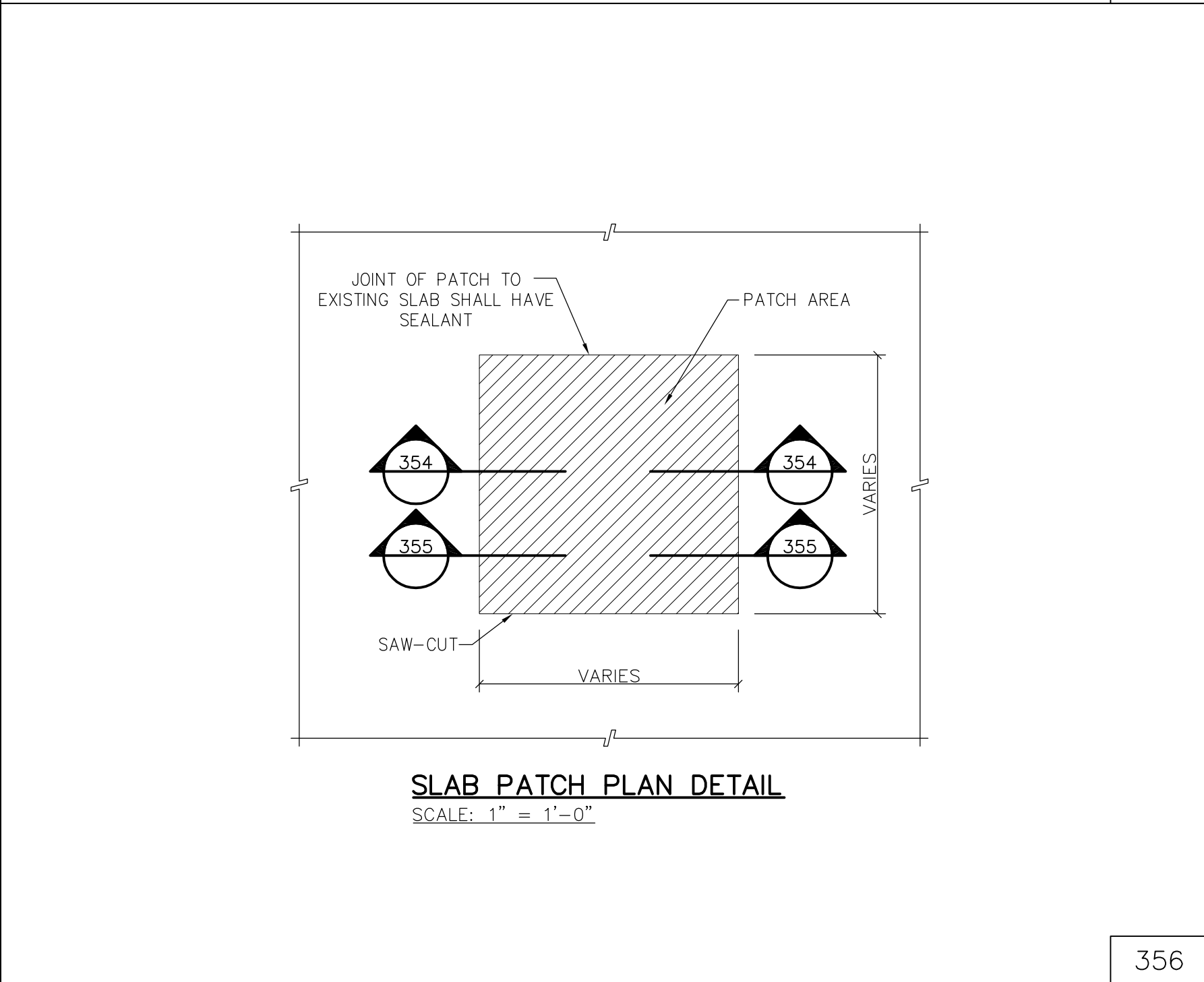
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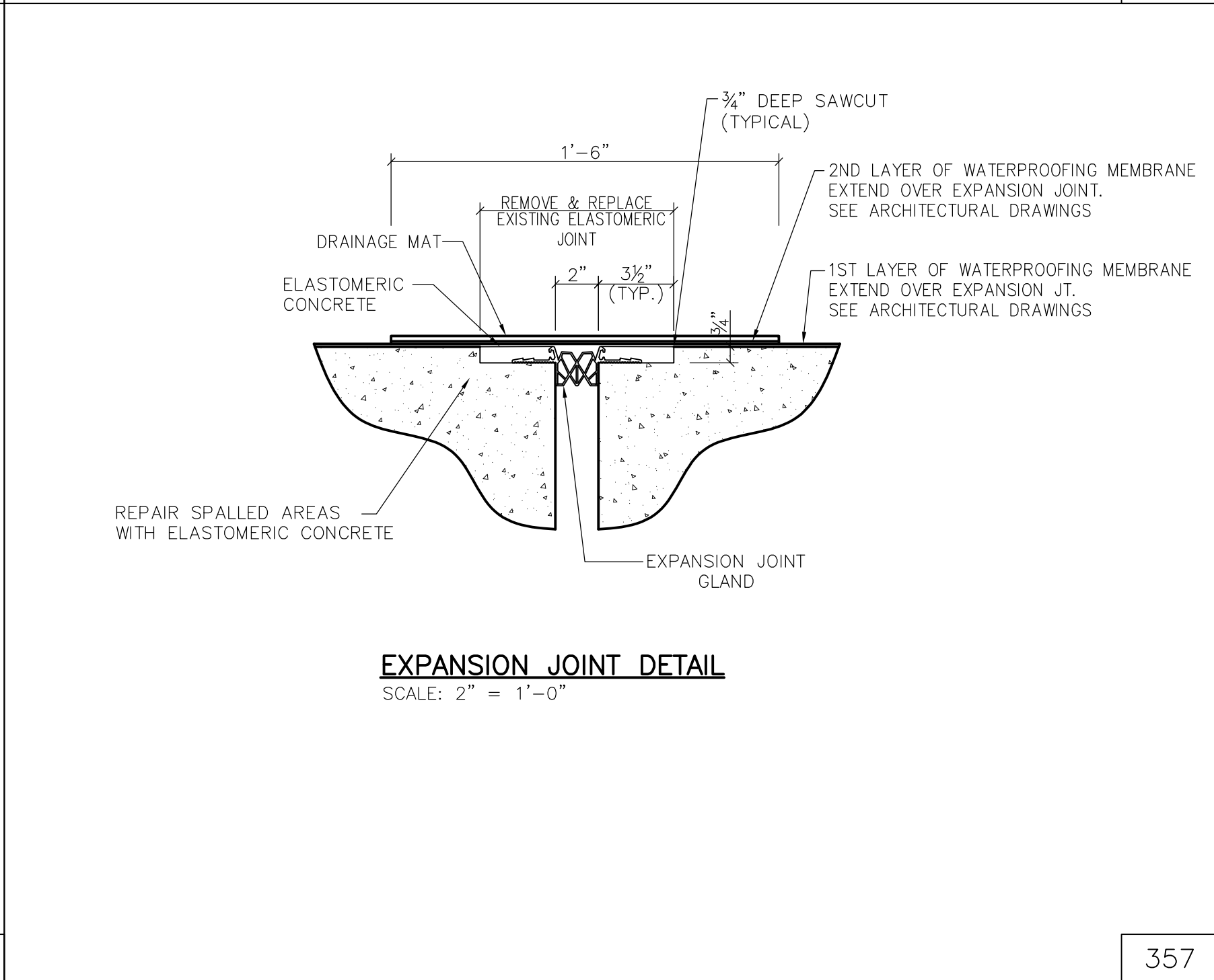
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357

NOTES:

1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

**NOTE:**  
INVESTIGATE AND LOCATE CONDUIT PRIOR TO REPAIRS. PROTECT CONDUIT FROM DAMAGE DURING CONSTRUCTION.

**Lothrop**

Lothrop Associates LLP Architects  
333 Westchester Avenue  
White Plains, New York 10604  
914-741-1115

MICHAEL SCHULLER  
ATRINSON-ROLAND AND ASSOCIATES  
32 OLD SLIP, 8TH FLOOR  
NEW YORK, NEW YORK 10005  
917-647-9550

JEFFREY R. CARLSON, P.E. S.E.  
601 WEST GOLF ROAD, SECOND FLOOR  
MOUNT PROSPECT, ILLINOIS 60056  
847-274-0985

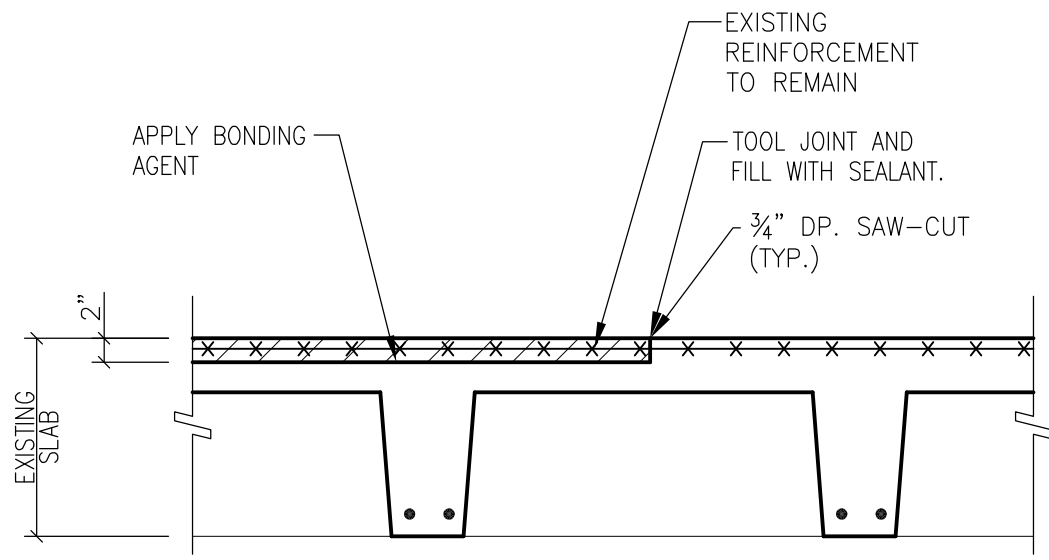
MARK VELZY  
CBK ENGINEERING, PC  
44-46 FOSTER ROAD  
HOPEWELL JUNCTION, NY 12533  
914-305-8161 (O)

7/23/2020	DS	JC	RELEASE FOR BID
7/23/2020	DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY	APPD BY
REVISION			

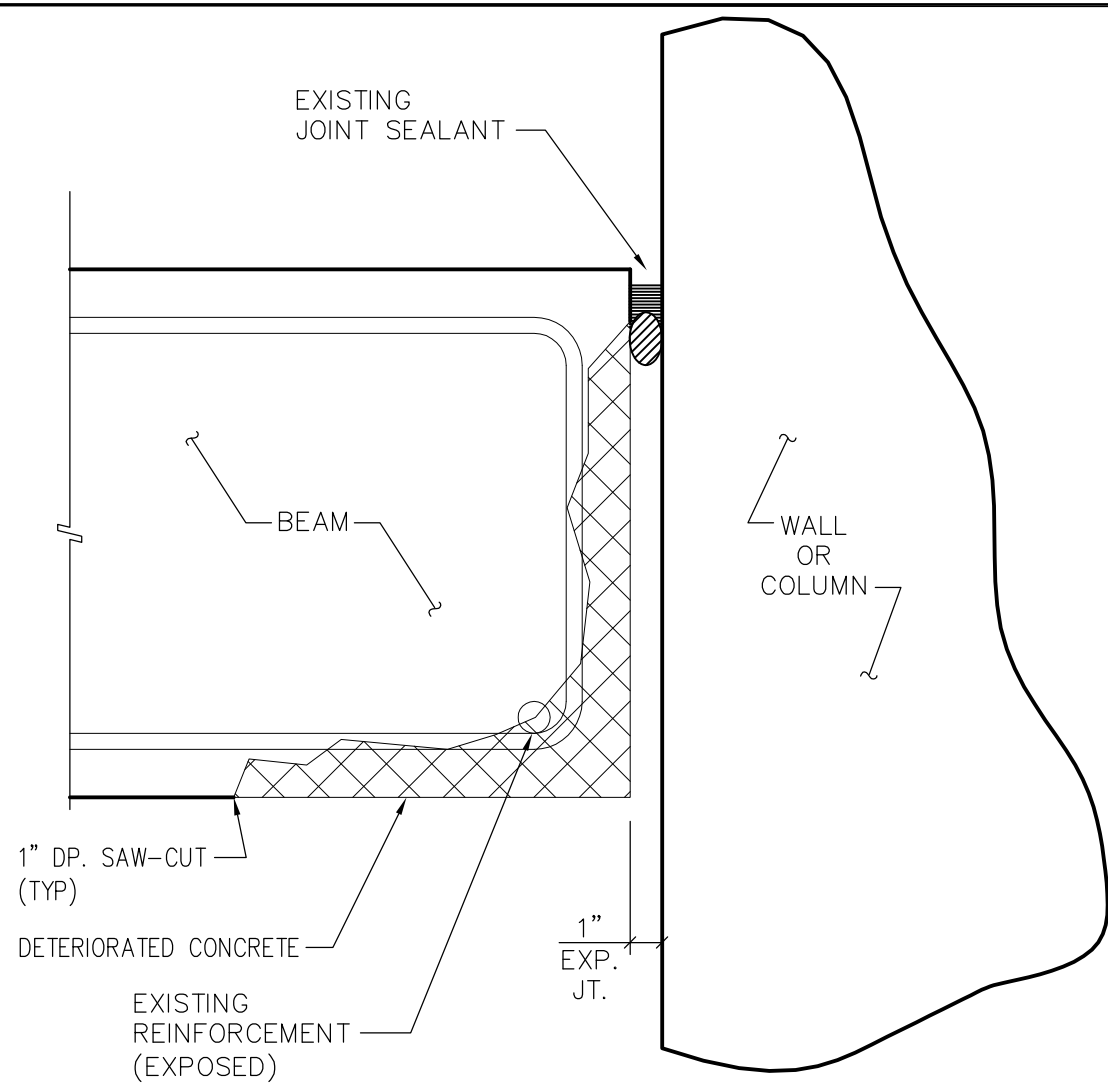
RECORD DRAWING CERTIFICATION

☐ AS BUILT - CHANGES AS NOTED  
☐ AS BUILT - NO CHANGES

CONTRACTOR		PROJECT COORDINATOR	
NAME	SIGNATURE	NAME	SIGNATURE
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		19-515 S350	
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK GENERAL REPAIR DETAILS		SCALE: AS NOTED DATE: 7-23-2020 DW FILE NO: 52-01-S-411-0	

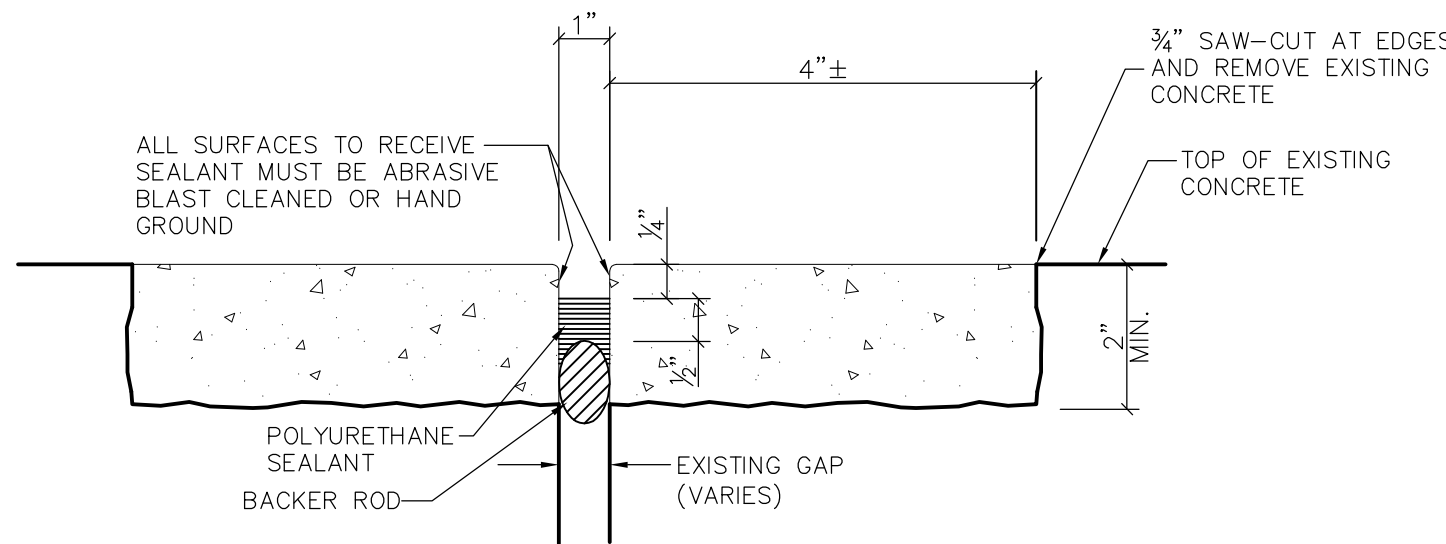


**SLAB REPAIR**  
SCALE: 3/4" = 1'-0"



**EXPANSION JOINT DETAIL AT COLUMN**  
SCALE: 2" = 1'-0"

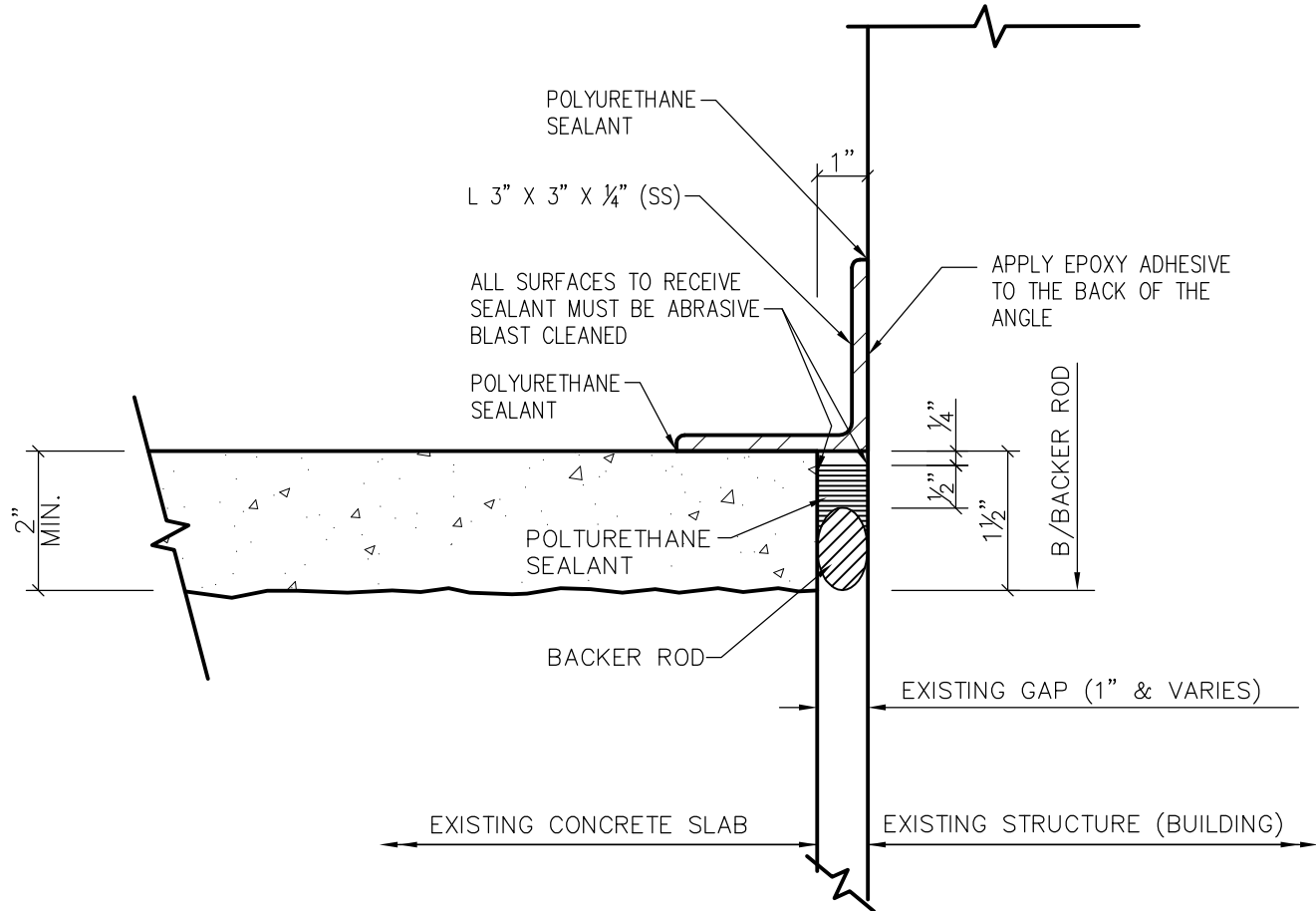
**NOTE:**  
SEE DETAIL 362/S351 FOR FORMING AND SHORING.  
SEE DETAIL 361 & 363/S351 FOR PATCHING AND SEALANT.



**JOINT DETAIL WITHIN THE DECK**  
SCALE: NOT TO SCALE

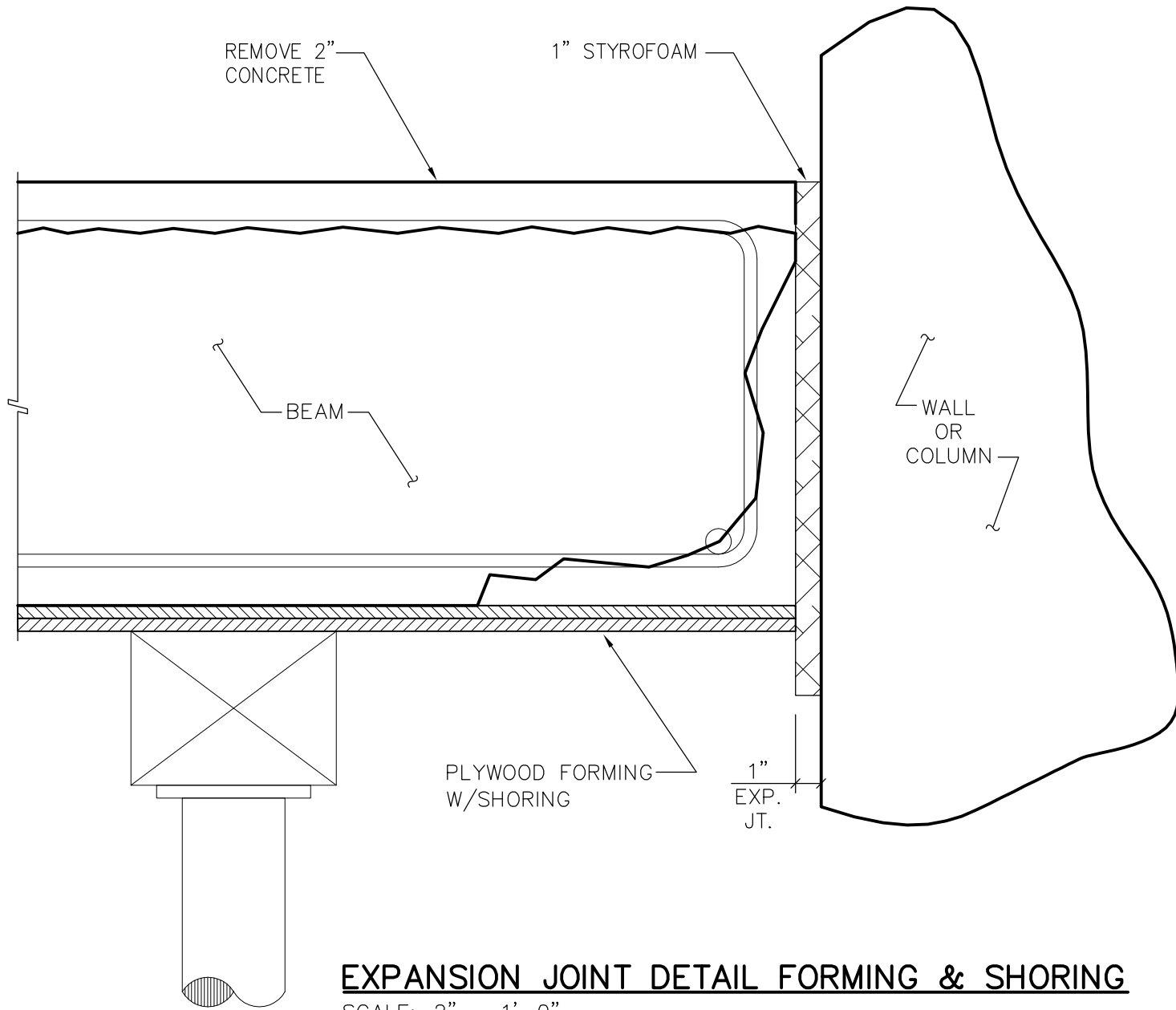
**NOTES:**  
1) THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING SAWCUTTING & CONCRETE REMOVAL OPERATIONS TO AVOID DAMAGING THE UNDERLYING CONCRETE DECK AND STEEL REINFORCEMENT

**NOTES:**  
1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.

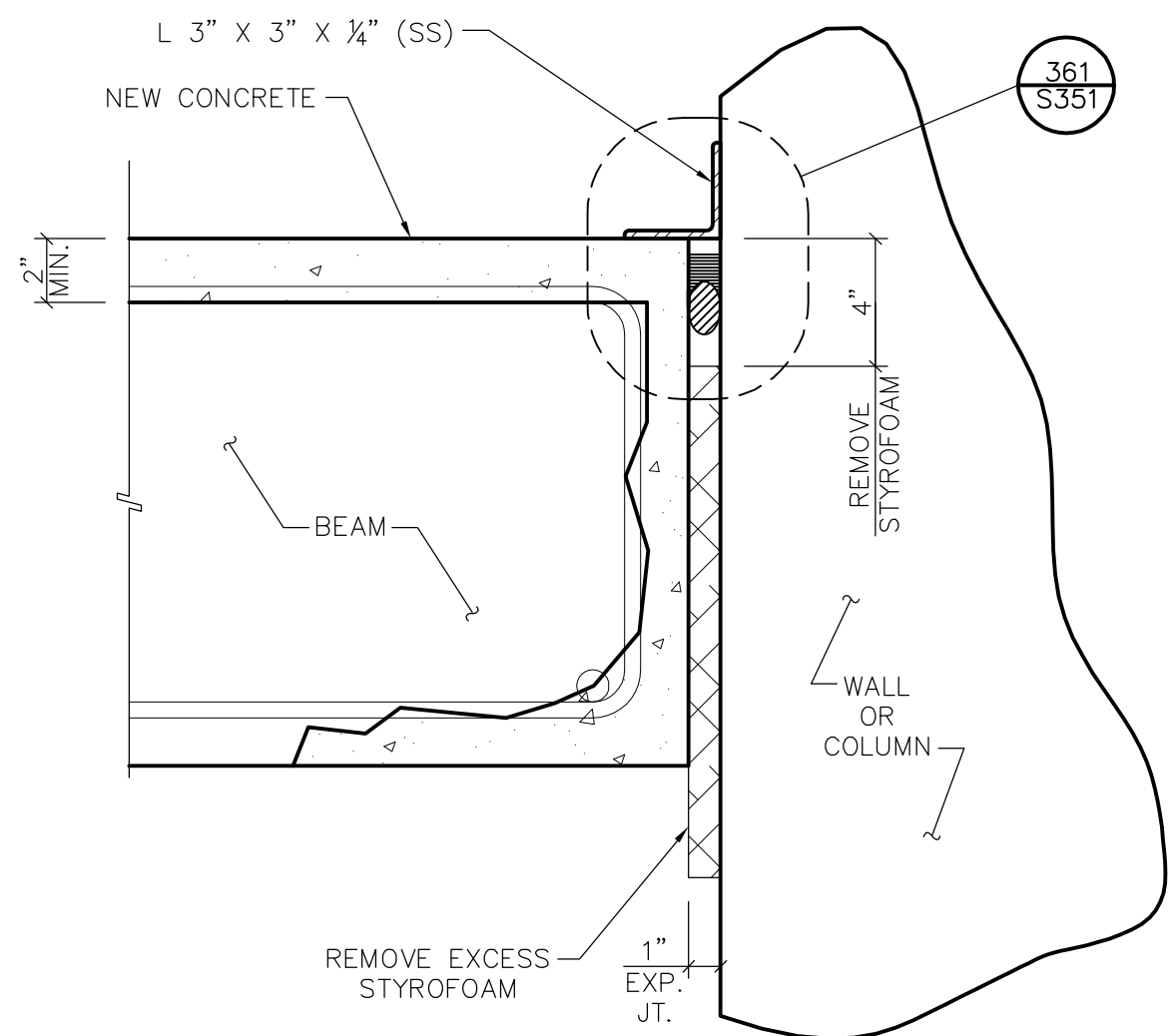


**ADJACENT TO EXISTING BUILDING**  
SCALE: NOT TO SCALE

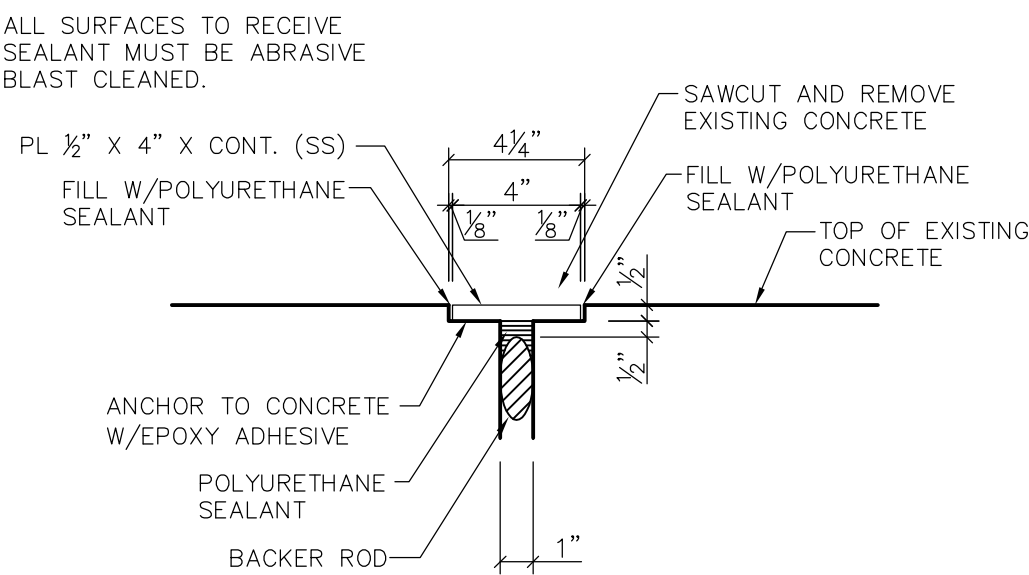
**NOTES:**  
1) THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING SAWCUTTING & CONCRETE REMOVAL OPERATIONS TO AVOID DAMAGING THE UNDERLYING CONCRETE DECK AND STEEL REINFORCEMENT.



**EXPANSION JOINT DETAIL FORMING & SHORING**  
SCALE: 2" = 1'-0"

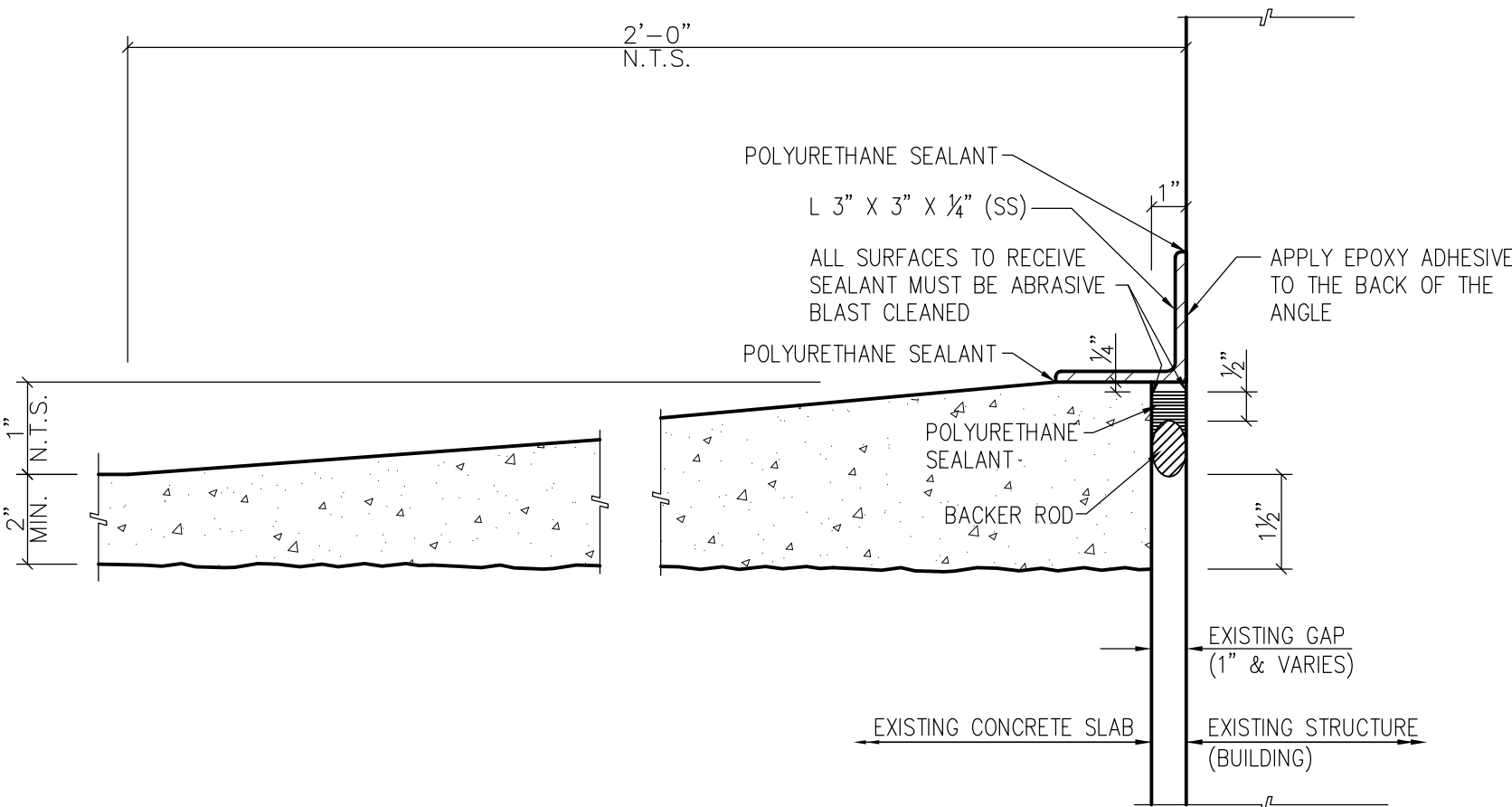


**EXPANSION JOINT DETAIL (REPAIRED)**  
SCALE: 2" = 1'-0"



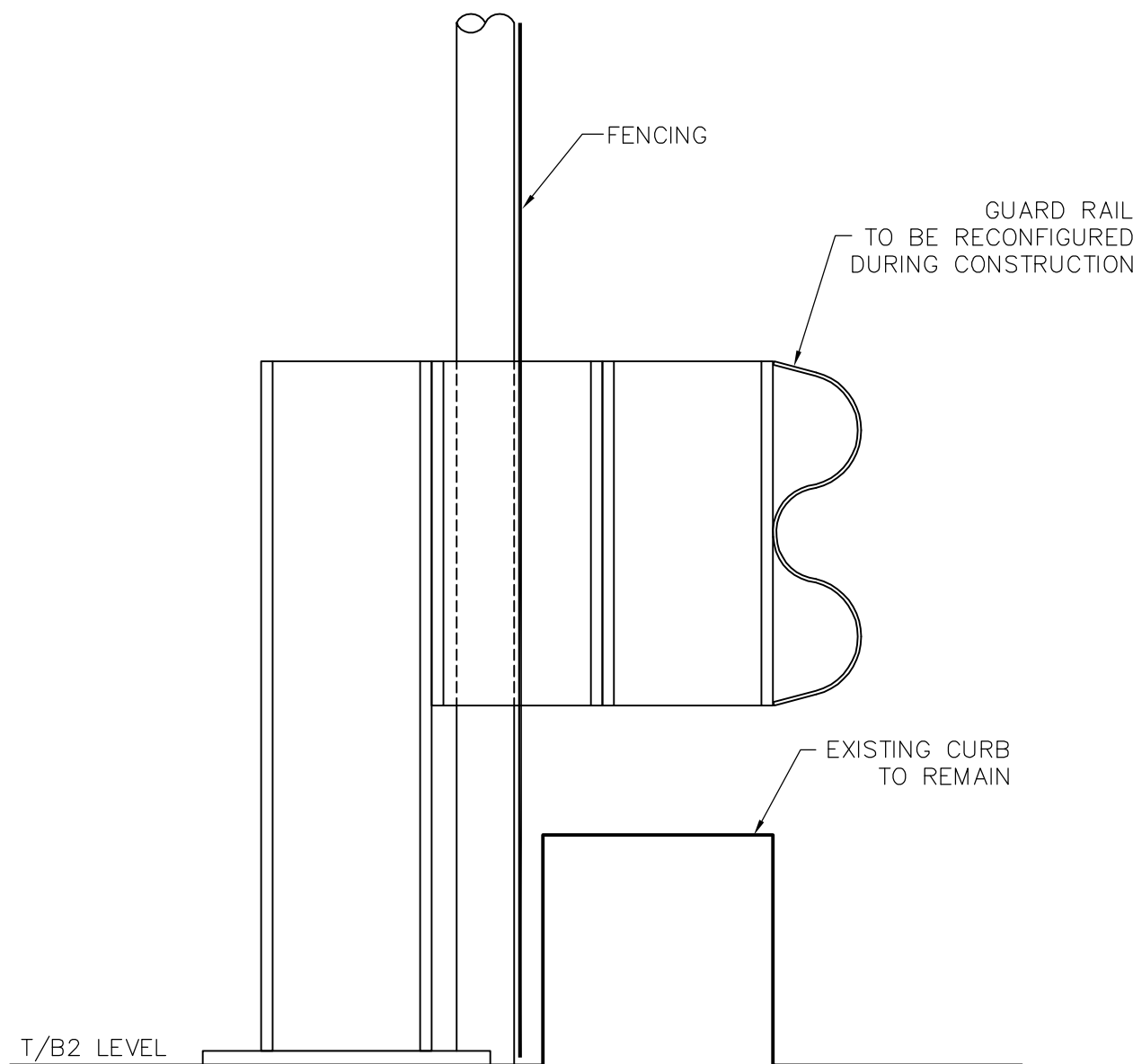
**1" EXPANSION JOINT DETAIL IN FLOOR SLAB**  
SCALE: 2" = 1'-0"

**NOTES:**  
1) THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING SAWCUTTING & CONCRETE REMOVAL OPERATIONS TO AVOID DAMAGING THE UNDERLYING CONCRETE DECK AND STEEL REINFORCEMENT






**EXPANSION JOINT DETAIL  
ADJACENT TO EXISTING BUILDING**  
SCALE: NOT TO SCALE

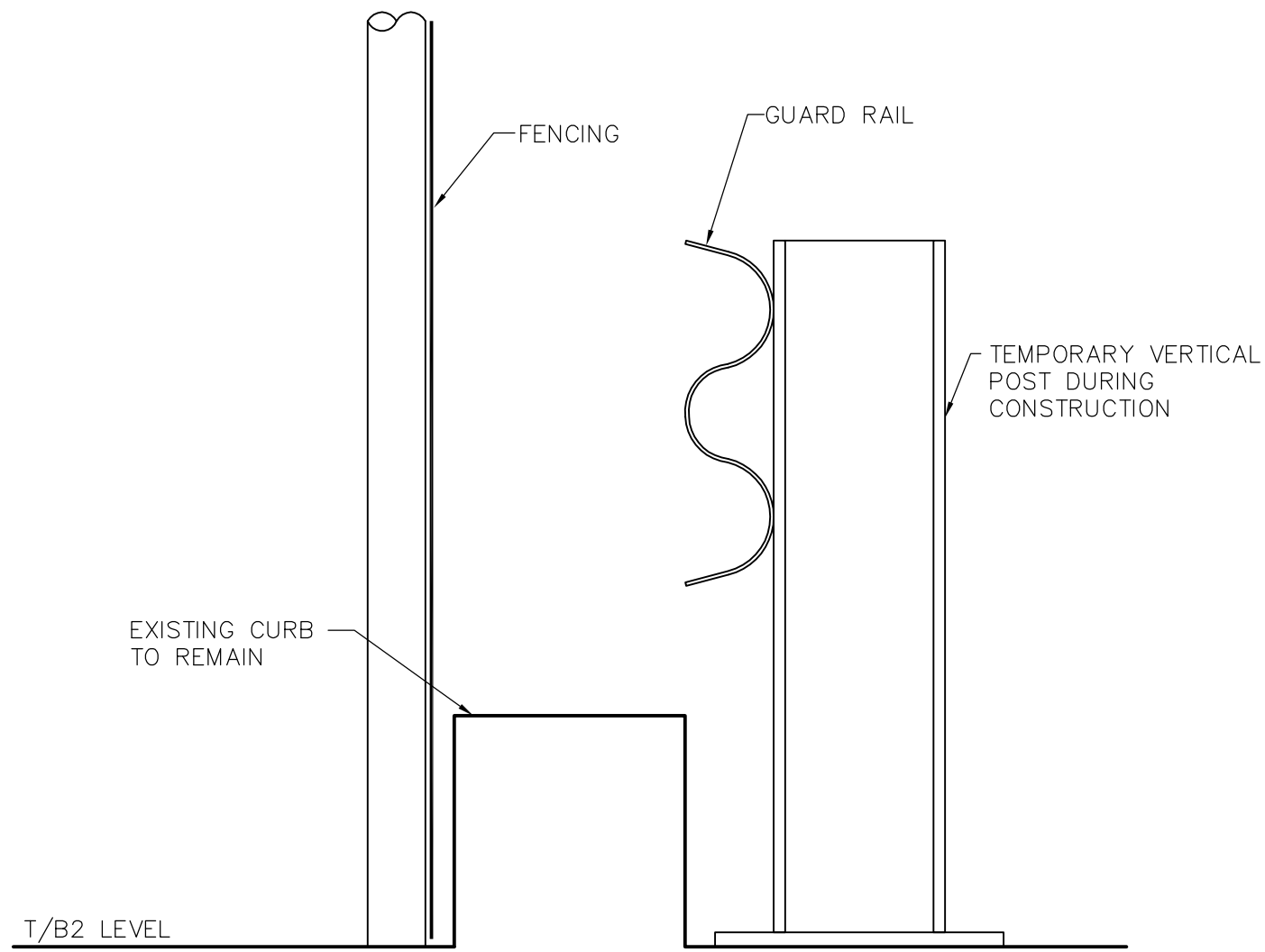
**NOTES:**  
1) THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING SAWCUTTING & CONCRETE REMOVAL OPERATIONS TO AVOID DAMAGING THE UNDERLYING CONCRETE DECK AND STEEL REINFORCEMENT.



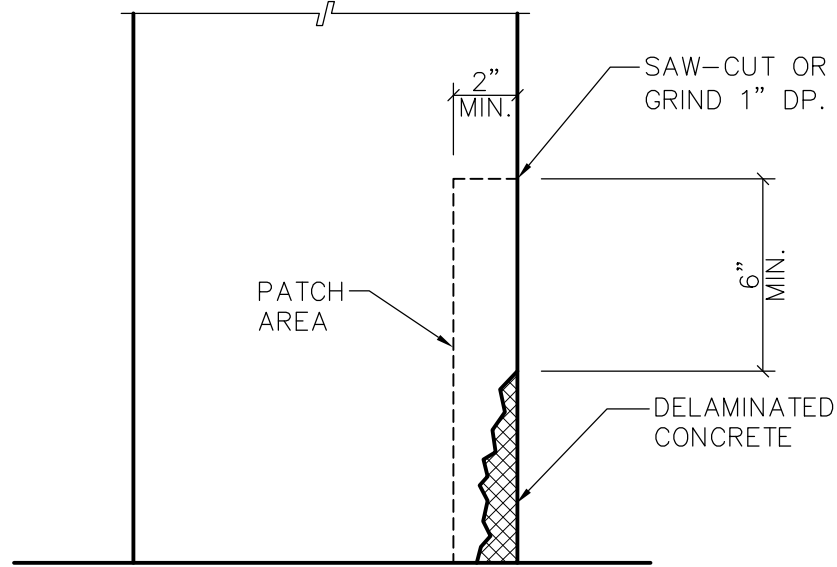
**GUARD RAIL DETAIL (EXISTING)**  
SCALE: 2" = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

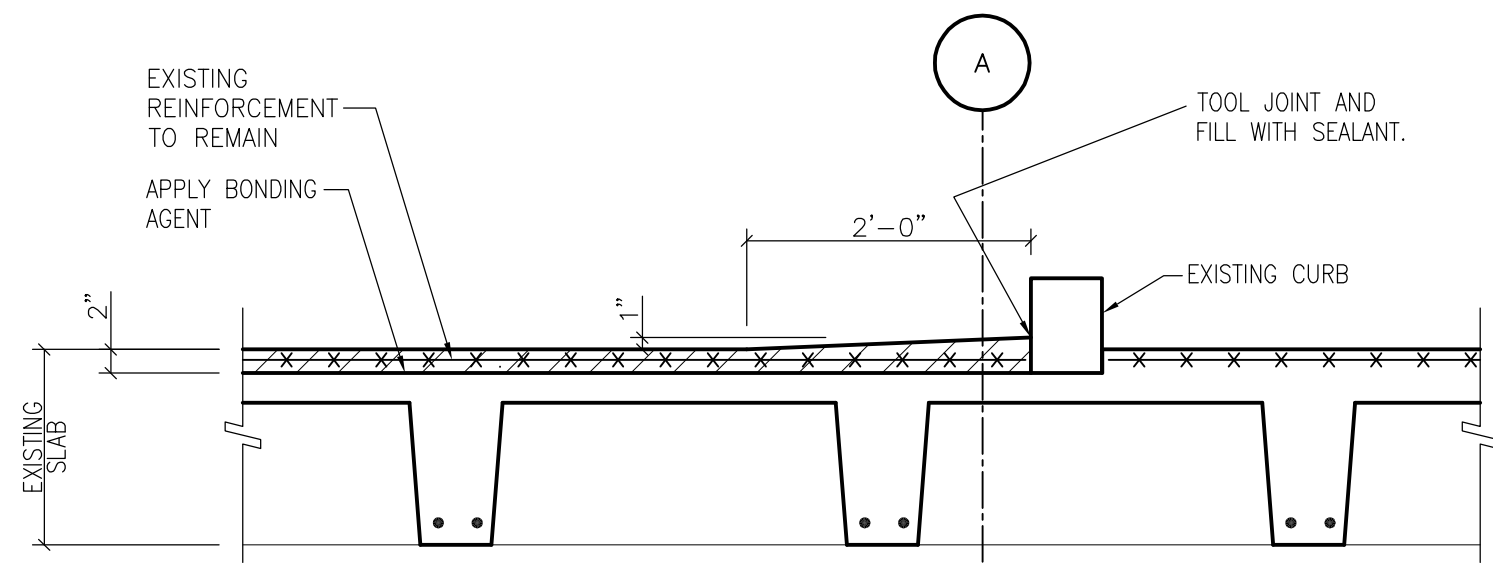
				ARCHITECTS	
		Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		FORENSIC INVESTIGATION	
		MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9350		STRUCTURAL ENGINEER	
		JEFFERY R. CARLSON, P.E. S.E. 60 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985		MEP ENGINEERS	
07/27/20					
		MARK VELZY CRK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (O)			
7/23/2020		DS	JC	RELEASE FOR BID	
7/23/2020		DS	JC	FOR COMMISSIONER MEETING	
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	
RECORD DRAWING CERTIFICATION					
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CONTRACTOR			PROJECT COORDINATOR		
NAME	DATE		NAME	DATE	
SIGNATURE	TITLE		SIGNATURE	TITLE	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			CONTRACT NUMBER 19-515 SHEET NO. 00 OF 07 SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO. 52-01-S-412-0		
PARKING GARAGE RENOVATION – PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK GENERAL REPAIR DETAILS					



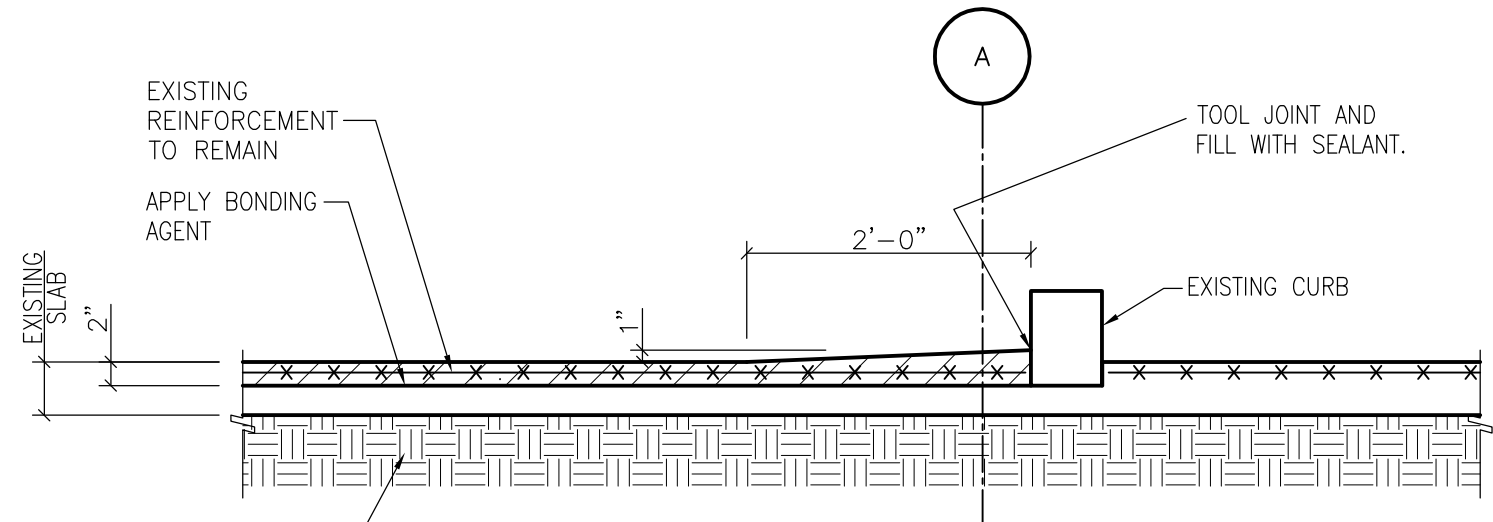
GUARD RAIL DETAIL (REPAIR)  
SCALE: 2" = 1'-0"



COLUMN PATCH DETAIL  
SCALE: 2" = 1'-0"



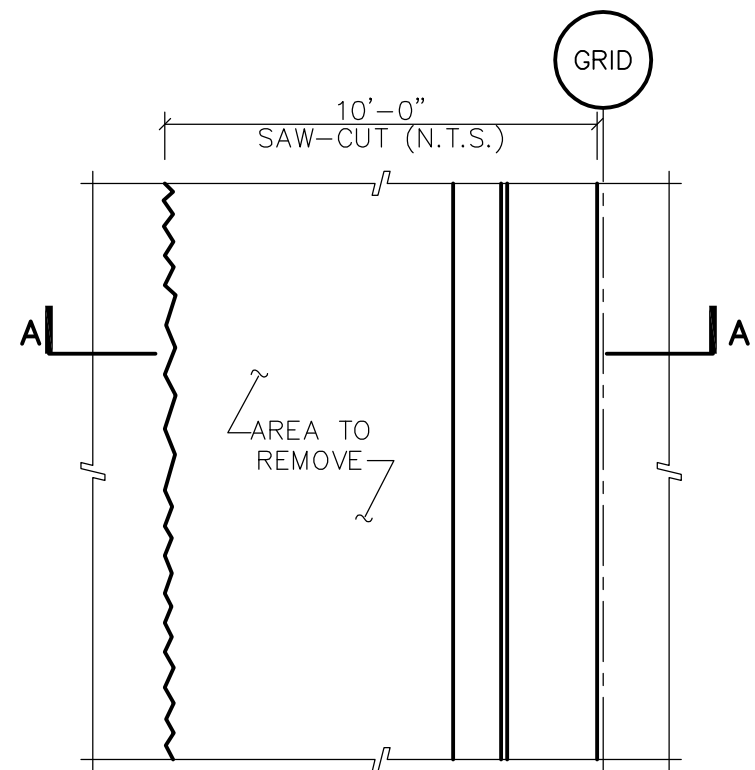
'A' ELEVATED SLAB REPAIR  
SCALE: 3/4" = 1'-0"



'B' SLAB ON GRADE REPAIR  
SCALE: 3/4" = 1'-0"

NOTES:  
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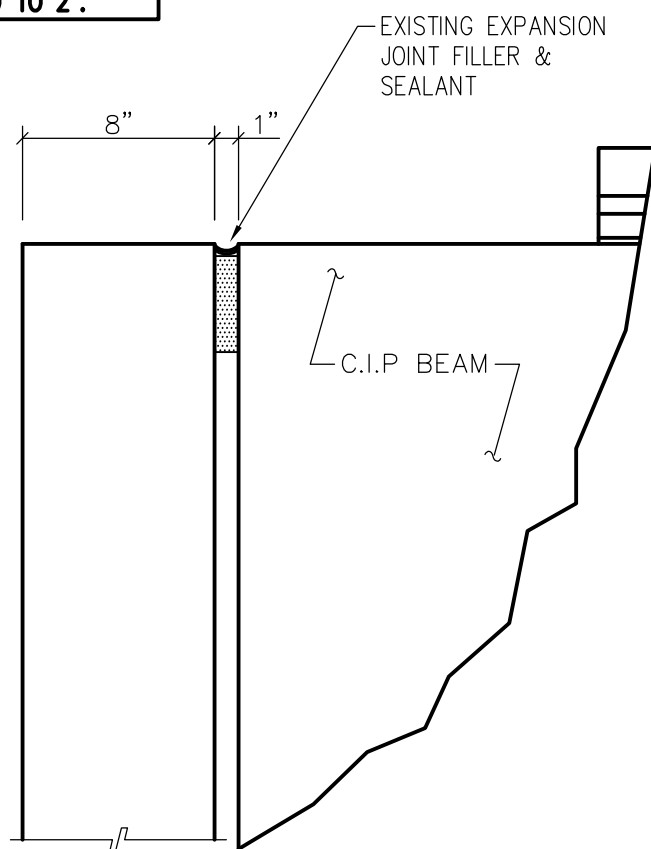
PHASE 1  
ALTERNATE 1



EXPANSION JOINT PLAN  
SCALE: NOT TO SCALE

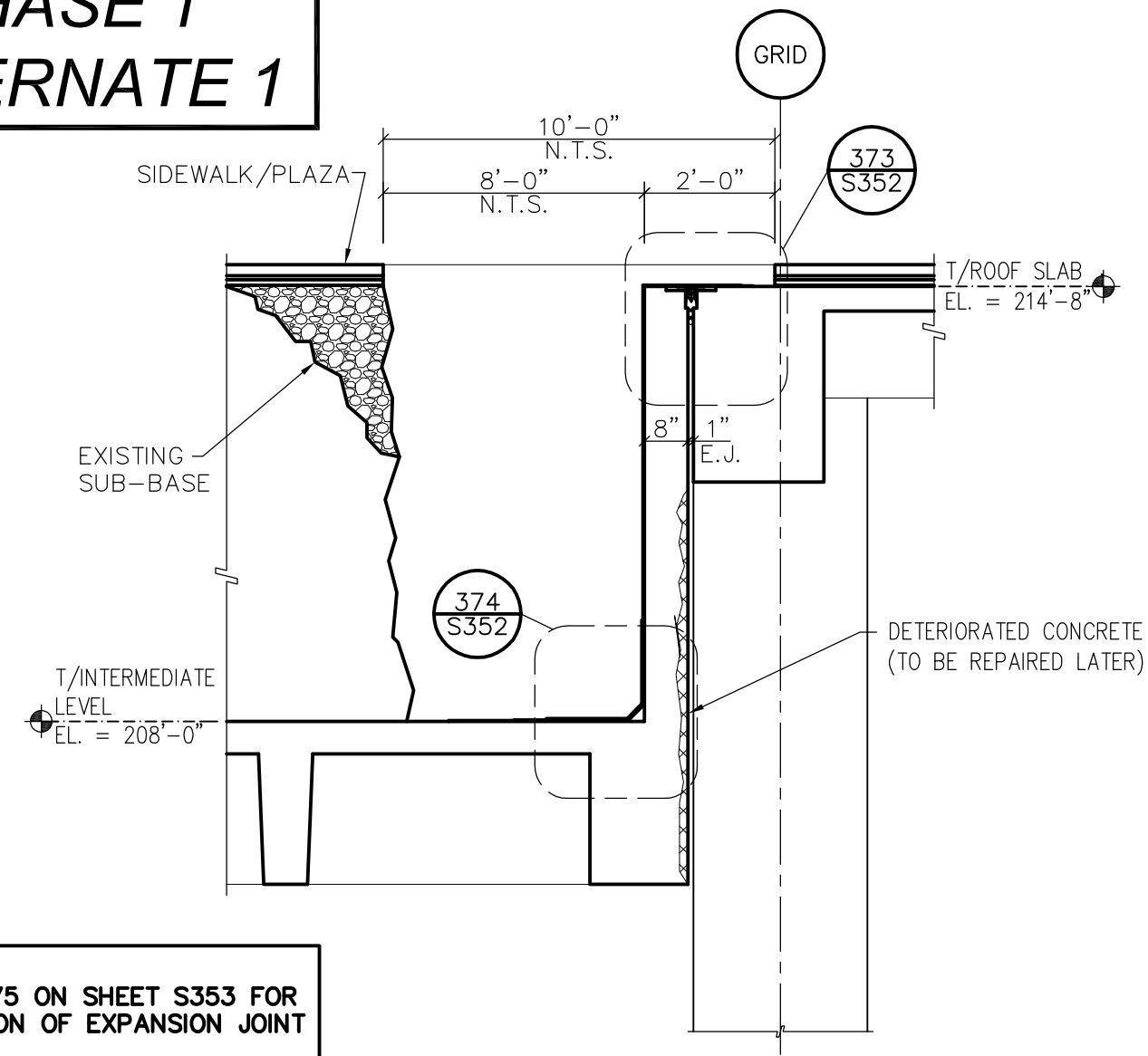
PHASE 1  
ALTERNATE 1

NOTE:  
THIS EXPANSION JT WILL NEED  
TO BE INCREASED TO 2".



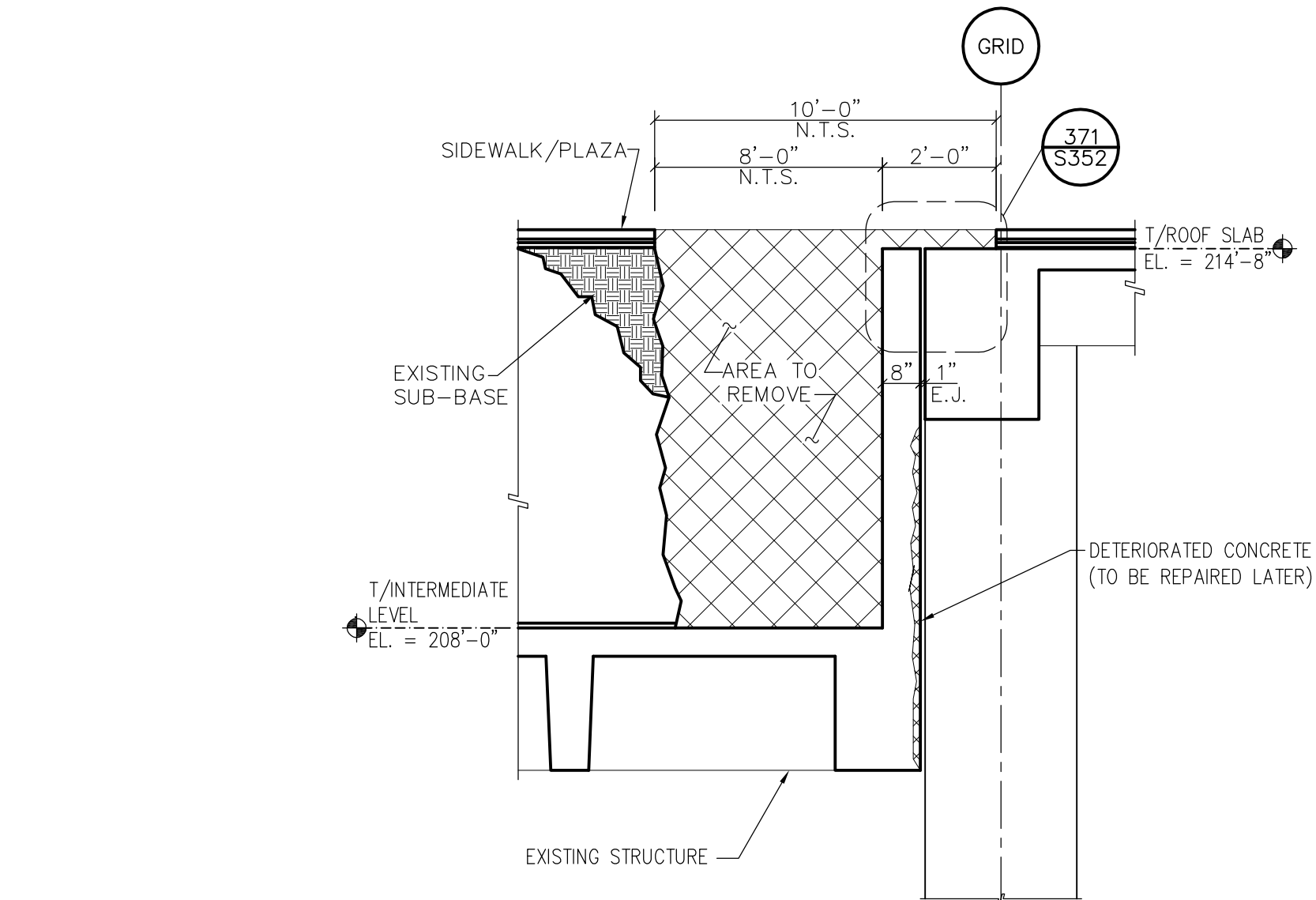
EXISTING EXPANSION JOINT DETAIL  
SCALE: 1 1/2" = 1'-0"

PHASE 1  
ALTERNATE 1



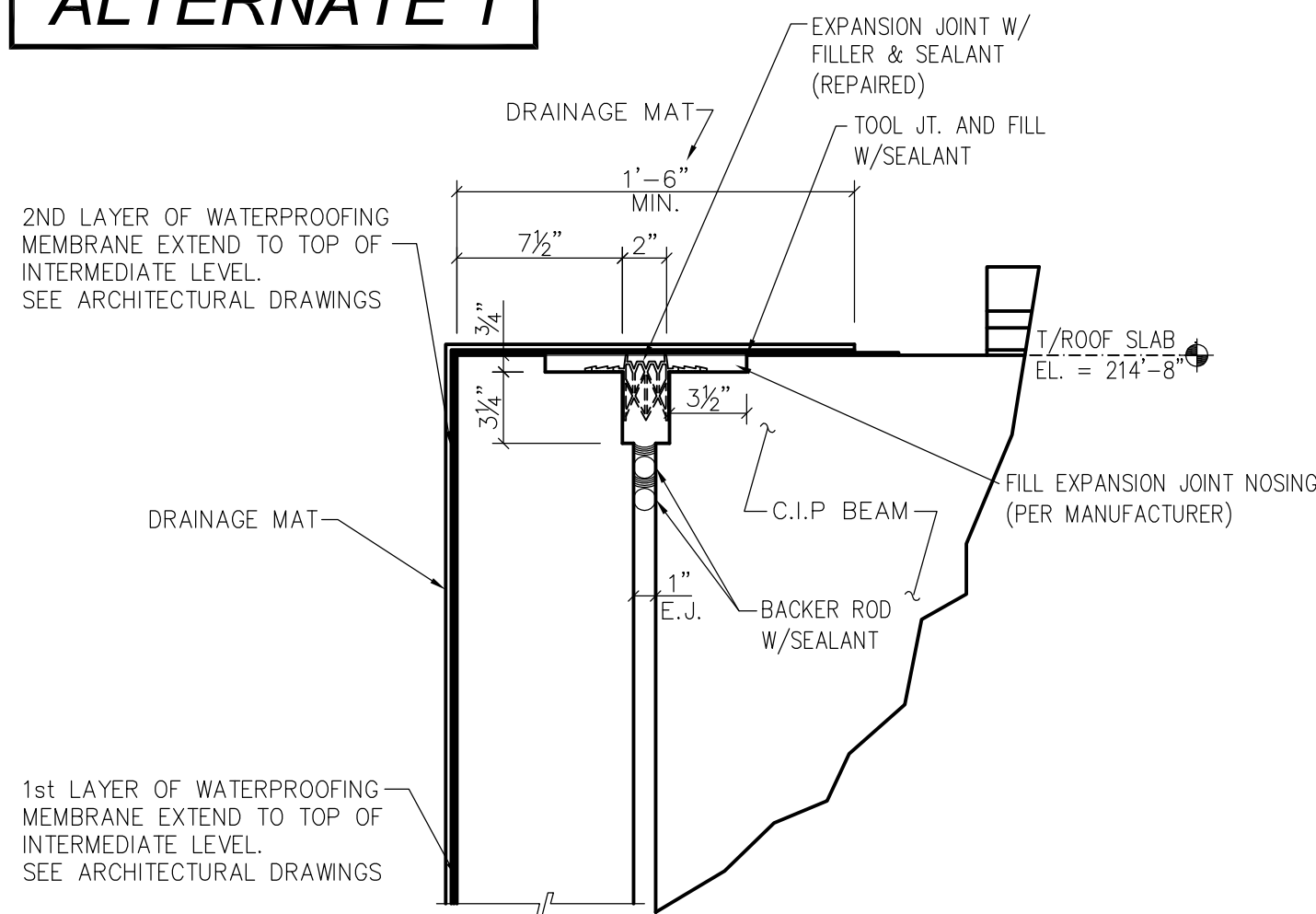
NOTE:  
SEE DETAIL 375 ON SHEET S353 FOR  
FINAL CONDITION OF EXPANSION JOINT  
REPAIR.

REPAIR FOR EXPANSION JOINT  
SCALE: 3/8" = 1'-0"



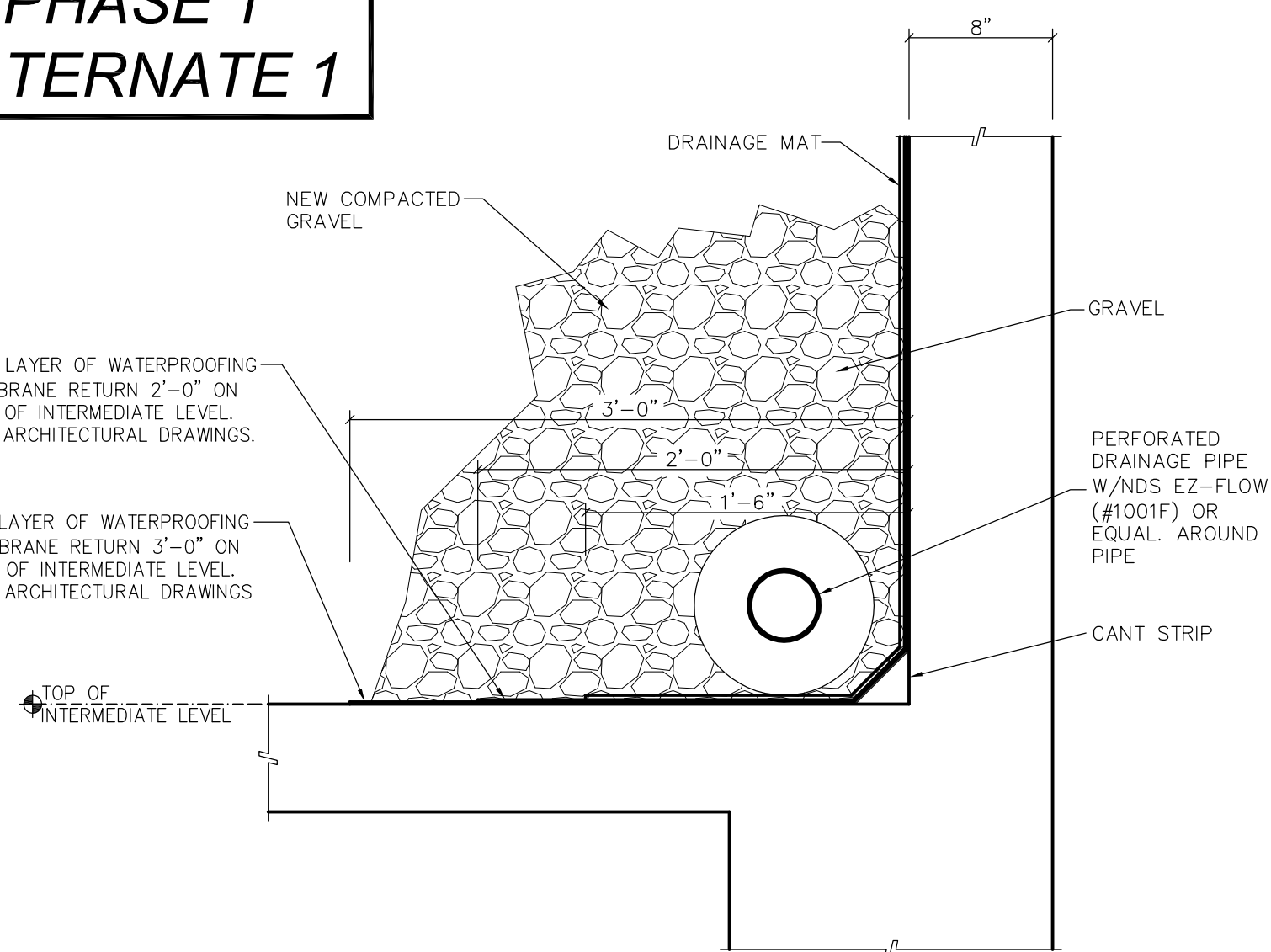
EXPANSION JOINT SECTION A-A  
SCALE: NOT TO SCALE

PHASE 1  
ALTERNATE 1





EXPANSION JOINT DETAIL (REPAIRED)  
SCALE: 1 1/2" = 1'-0"

PHASE 1  
ALTERNATE 1

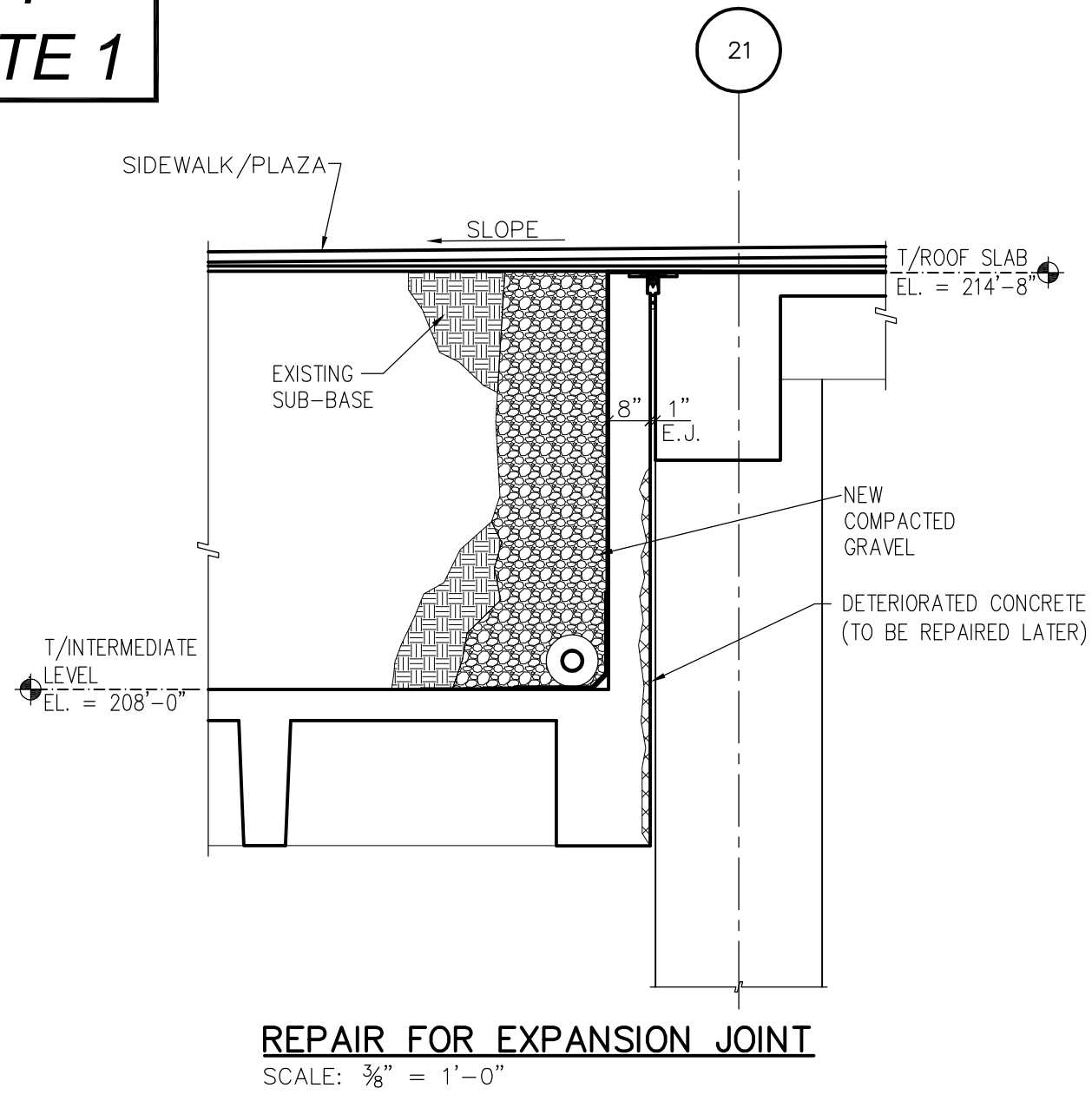


ROOF WATERPROOFING DETAIL  
SCALE: 1 1/2" = 1'-0"

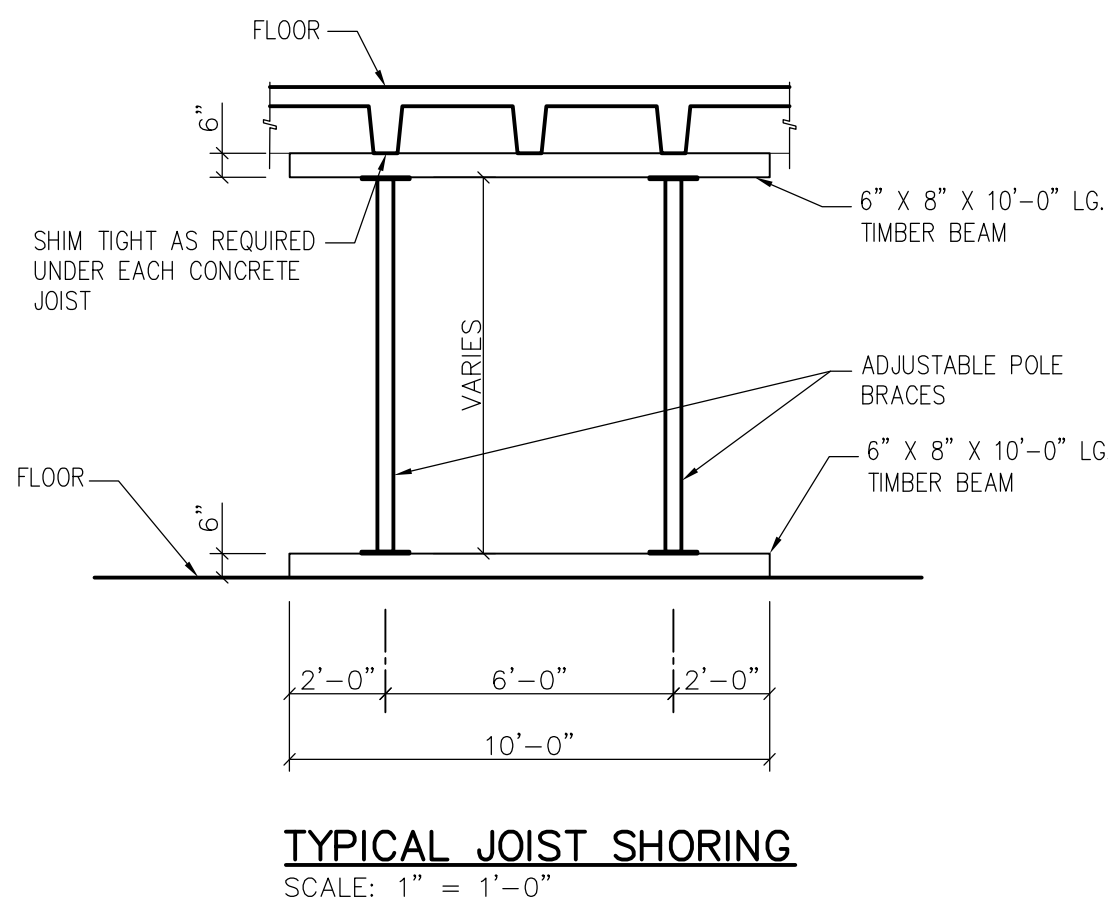
IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

<div></div> <div>Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115</div>		ARCHITECTS										
MICHAEL SCHULLER ATKINSON-NOLAND AND ASSOCIATES 32 OLD SLIP, 8TH FLOOR NEW YORK, NEW YORK 10005 917-647-9550		FORENSIC INVESTIGATION										
<div></div> <div>07/27/20</div>	JEFFREY R. CARLSON, P.E. S.E. 601 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER										
MARK VELZY CRK ENGINEERING, PC 44-46 FOSTER ROAD HOPEWELL JUNCTION, NY 12533 914-509-8161 (O)		MEP ENGINEERS										
<table><tr><td></td><td>7/23/2020</td><td>DS</td><td>JC</td><td>RELEASE FOR BID</td></tr><tr><td></td><td>7/23/2020</td><td>DS</td><td>JC</td><td>FOR COMMISSIONER MEETING</td></tr></table>				7/23/2020	DS	JC	RELEASE FOR BID		7/23/2020	DS	JC	FOR COMMISSIONER MEETING
	7/23/2020	DS	JC	RELEASE FOR BID								
	7/23/2020	DS	JC	FOR COMMISSIONER MEETING								
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION								
RECORD DRAWING CERTIFICATION												
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NAME SIGNATURE TITLE		CONTRACTOR DATE		PROJECT COORDINATOR NAME SIGNATURE TITLE								
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 19-515		SHEET NUMBER S352								
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK GENERAL REPAIR DETAILS		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO.		SHEET NO. 48 OF 97 52-01-S-413-0								

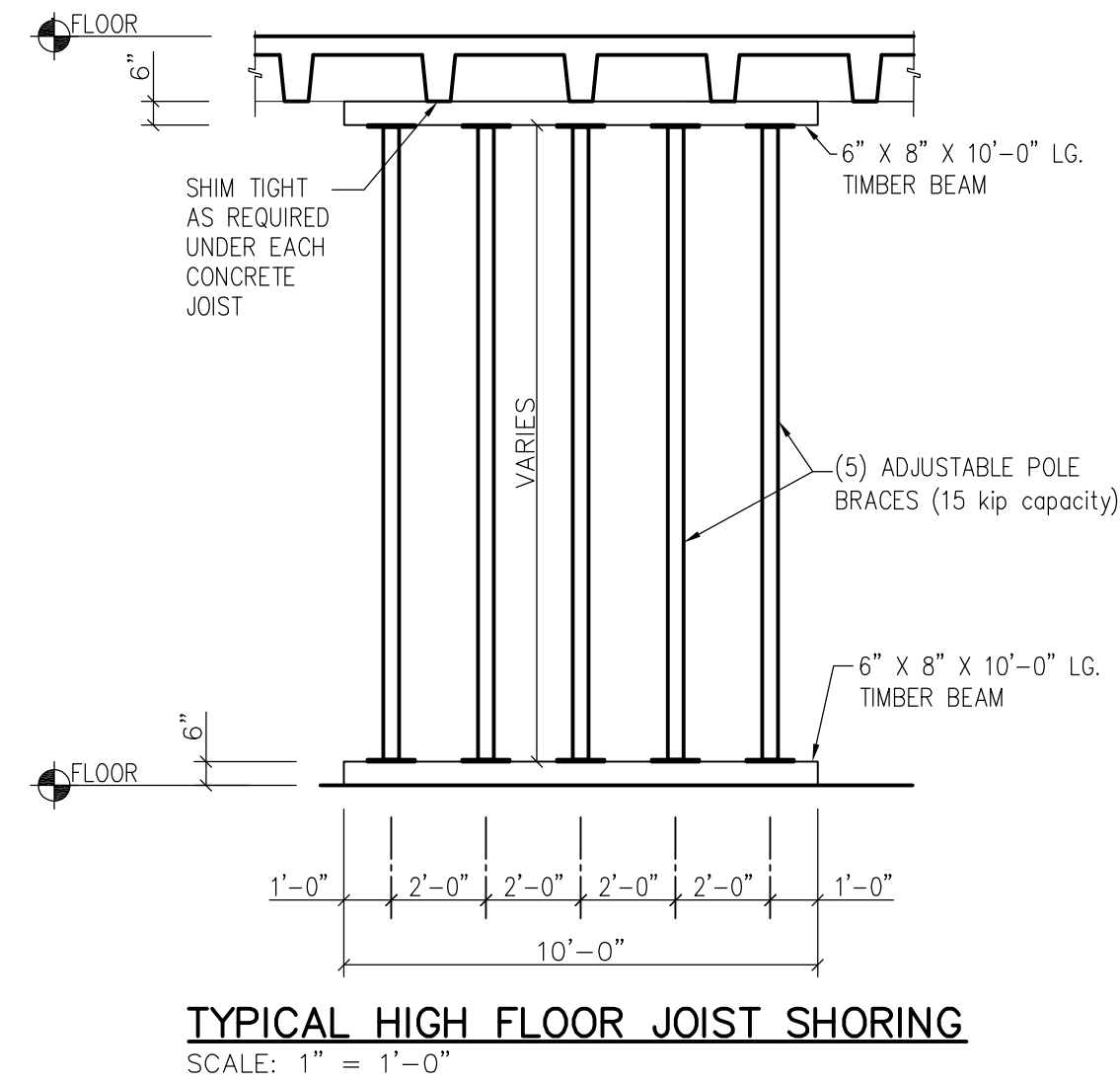
PHASE 1  
ALTERNATE 1



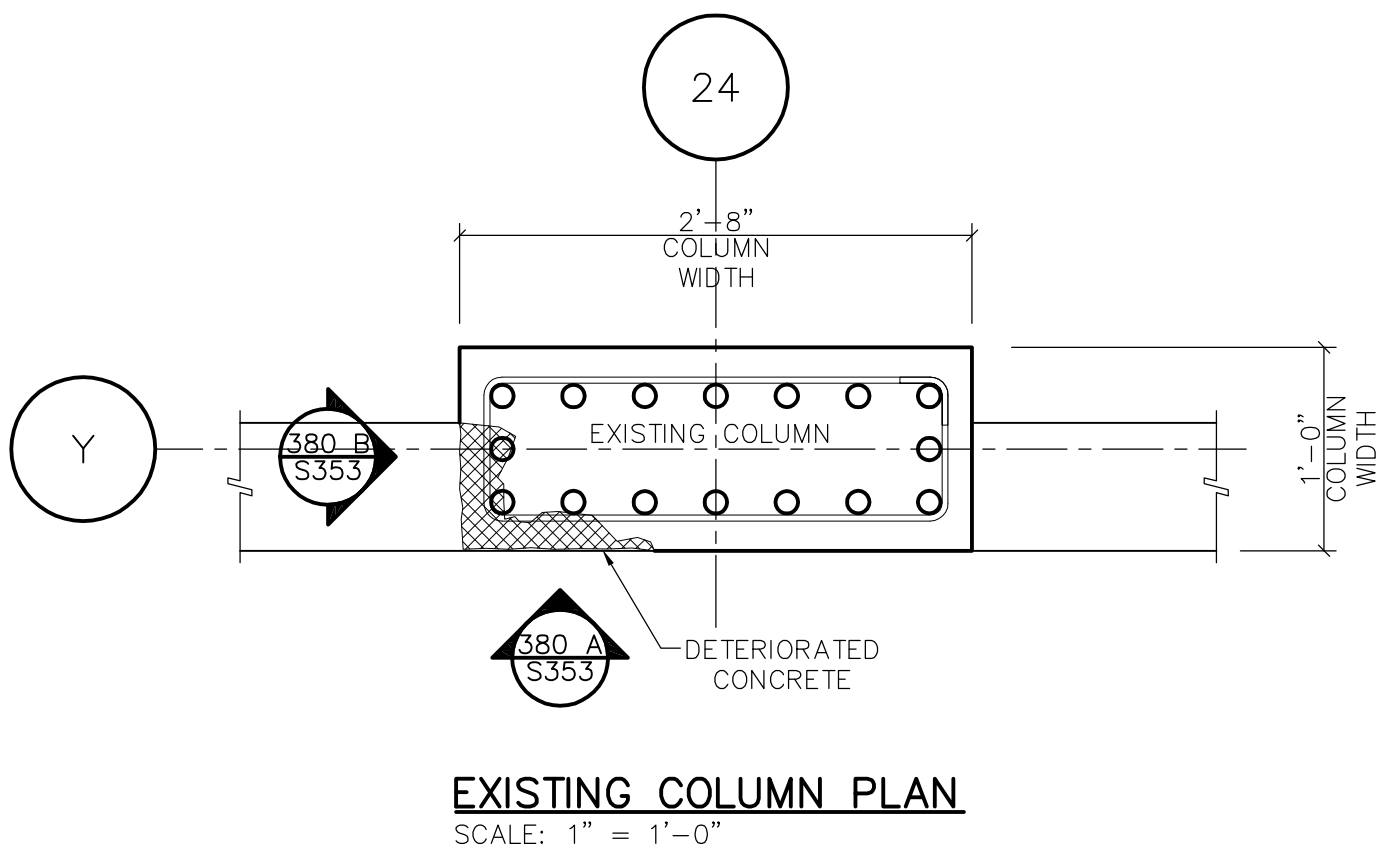
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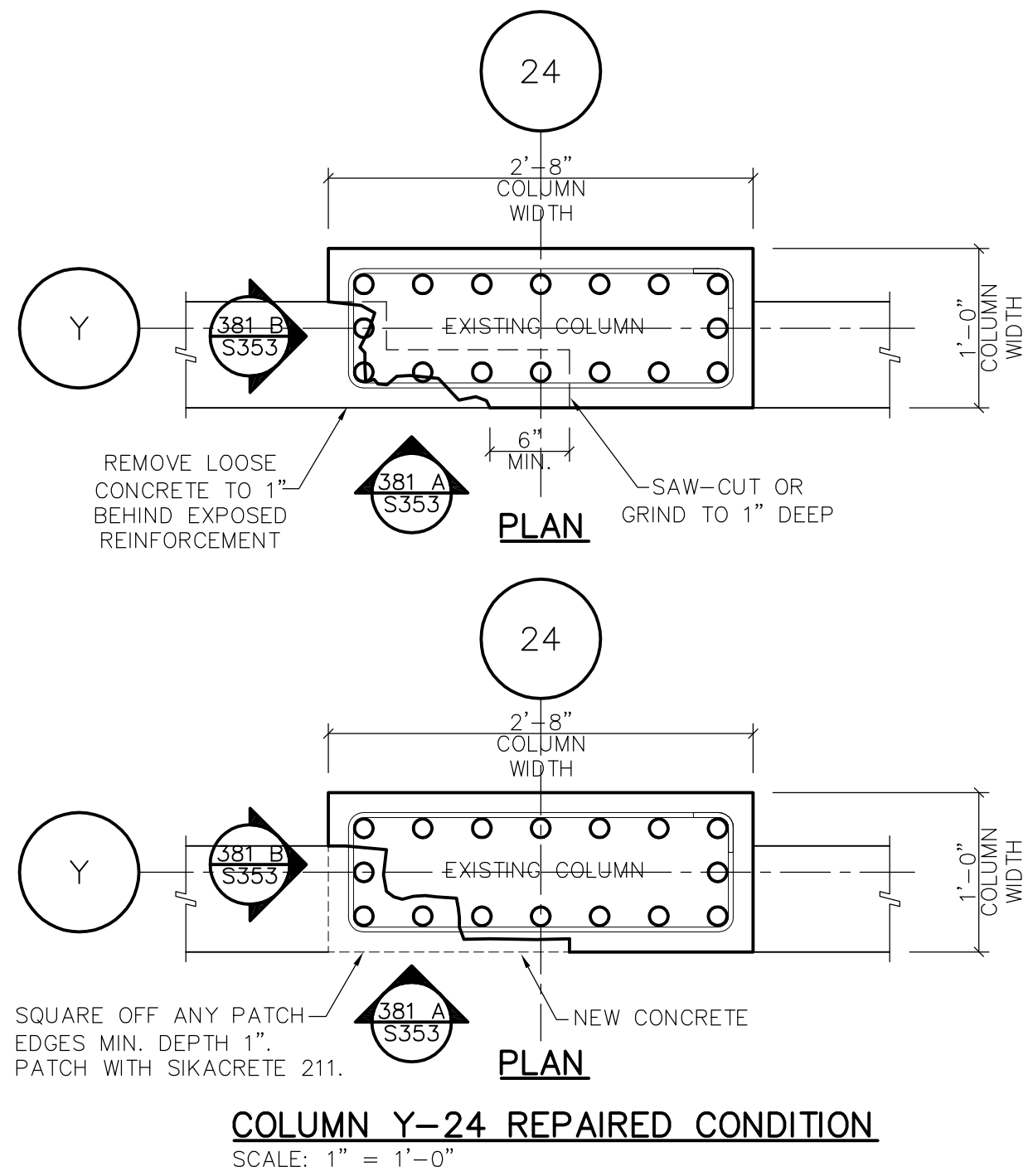
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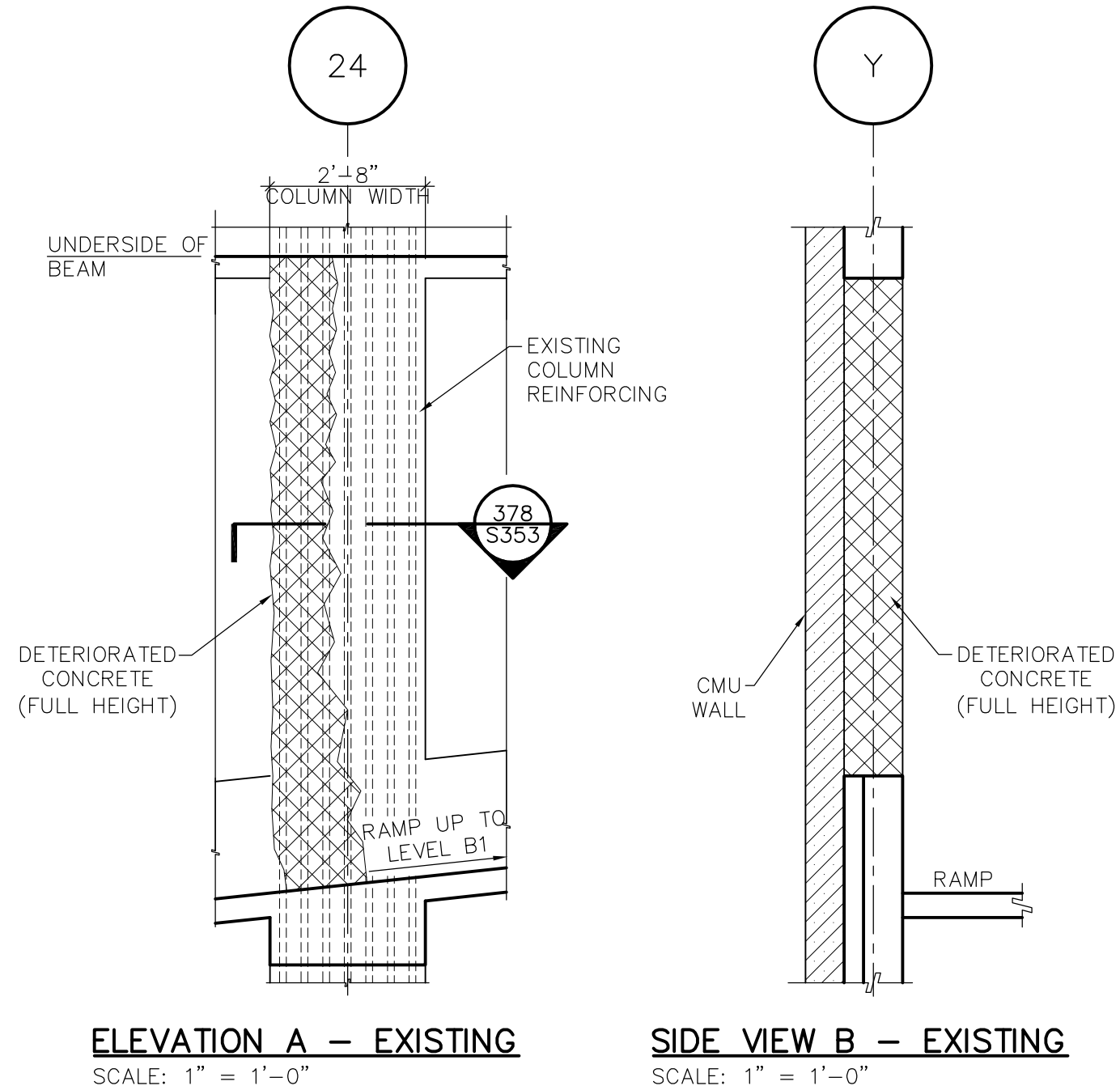
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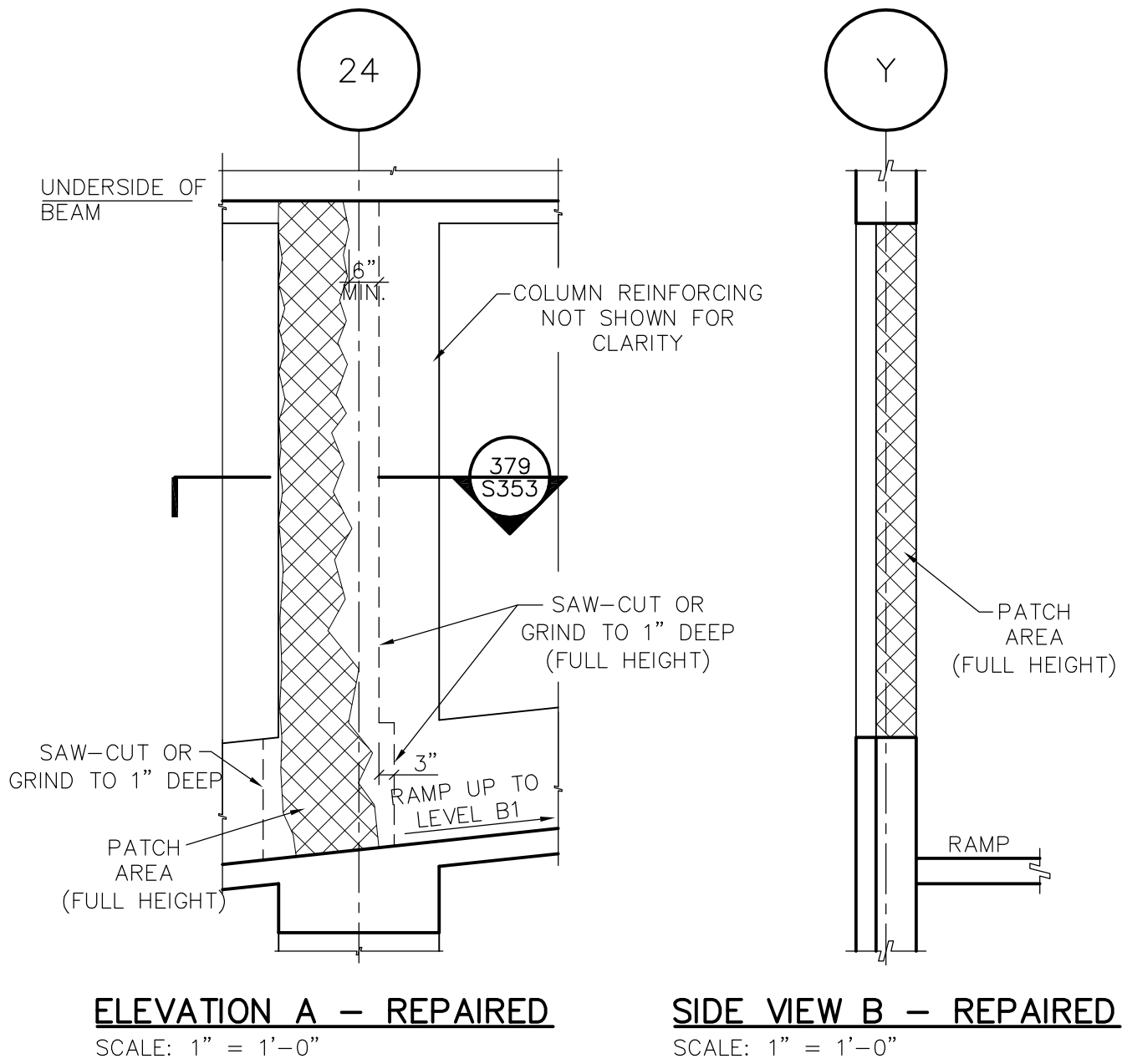
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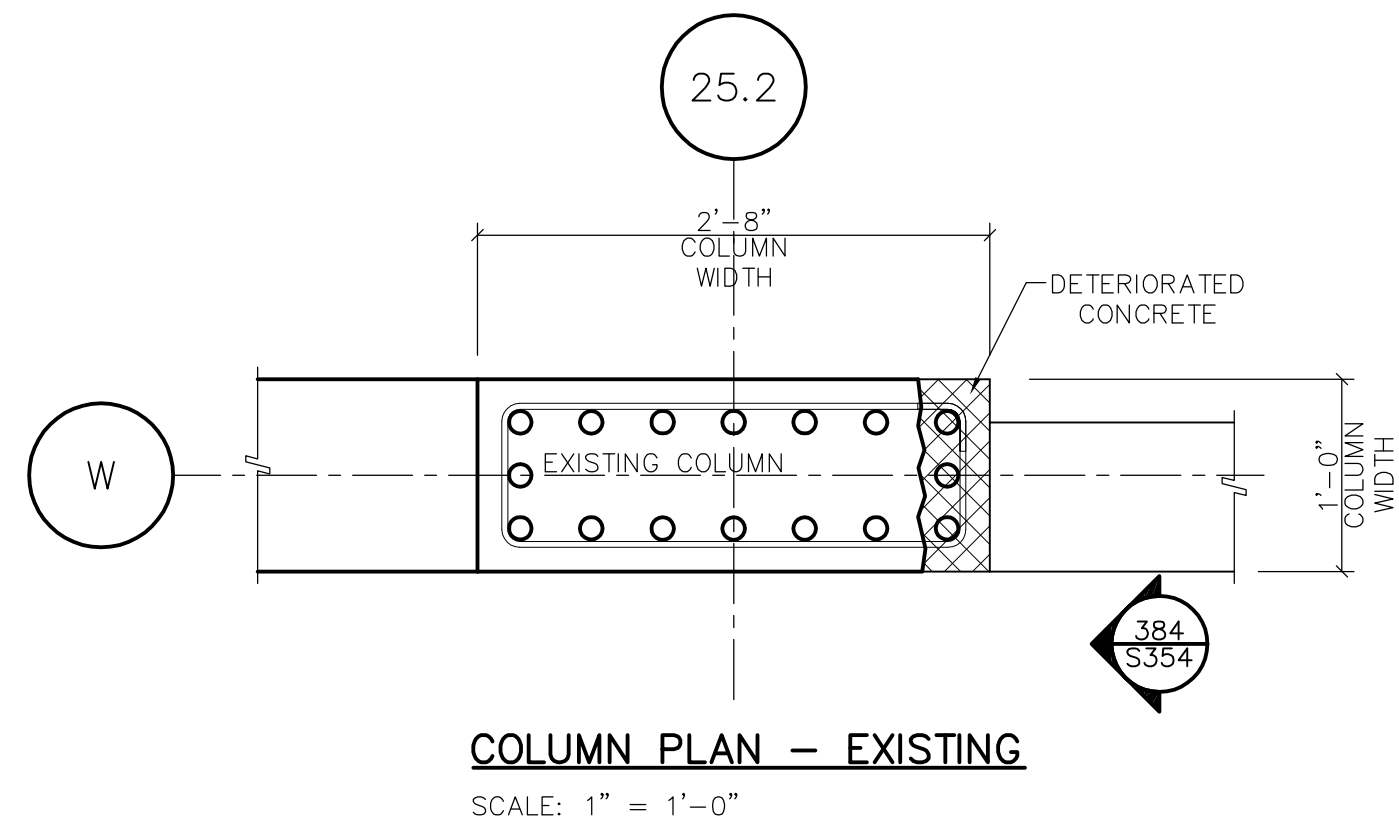
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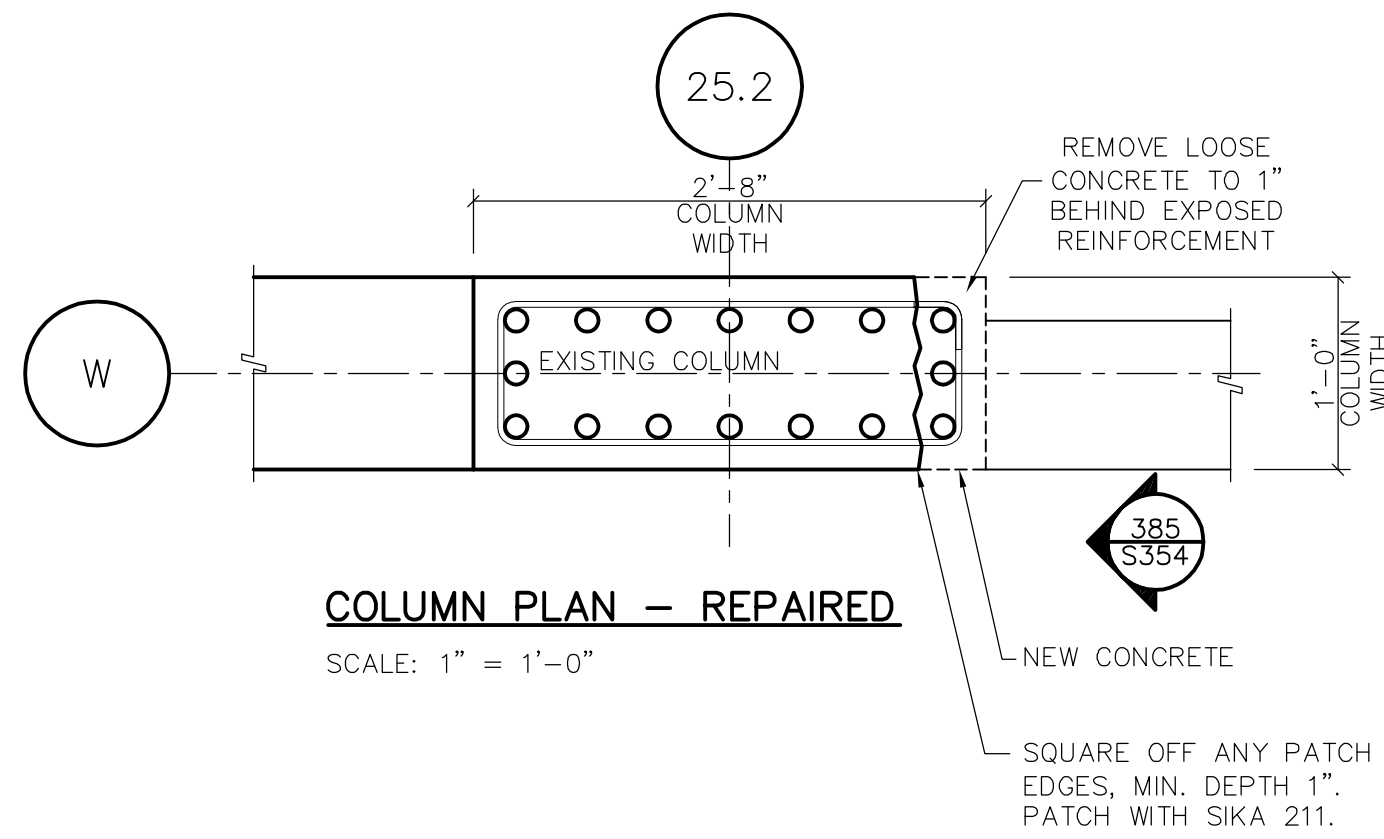
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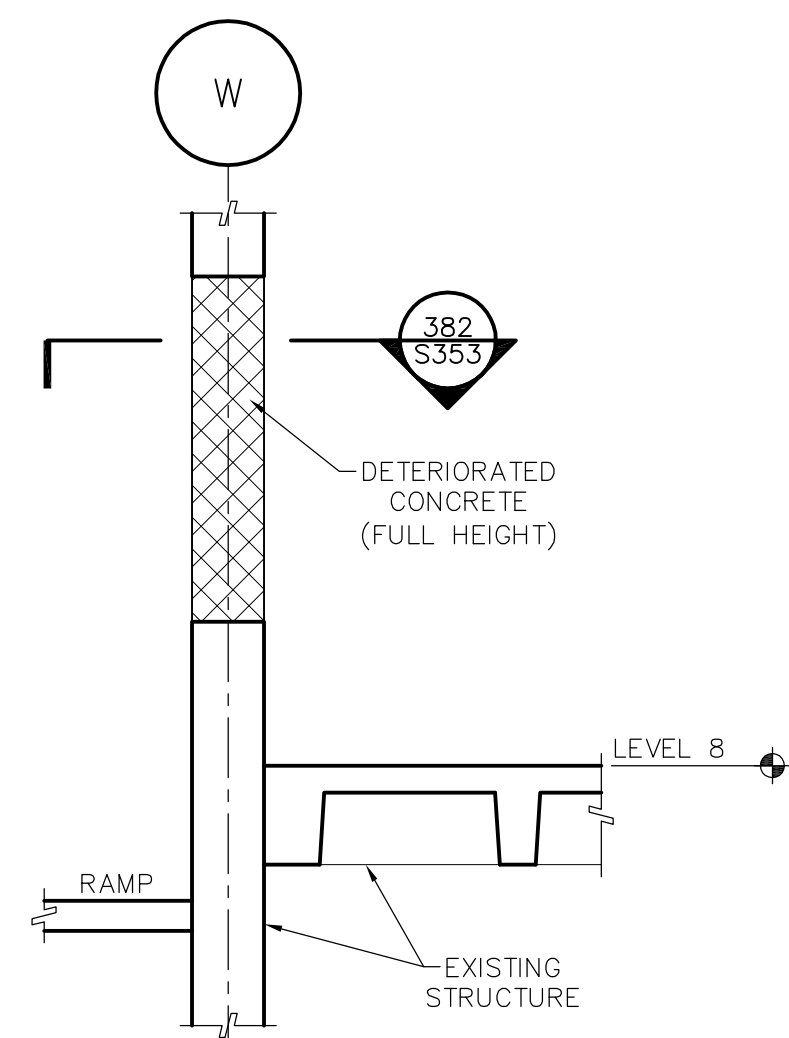
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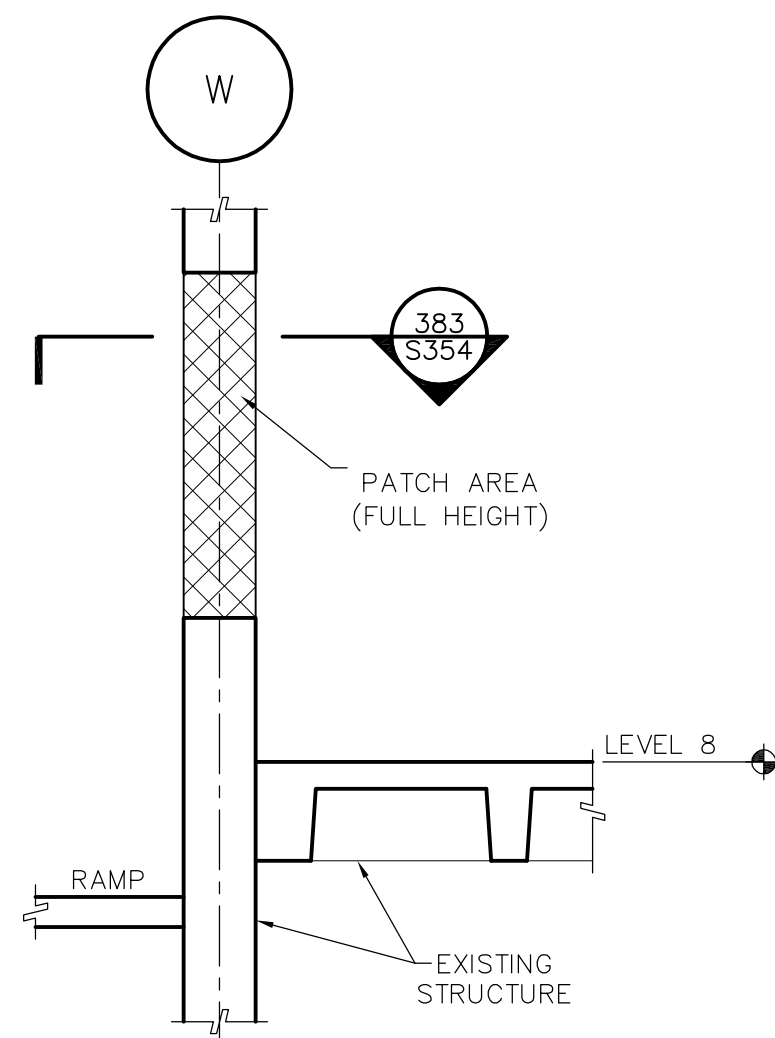
IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS

<b>Lothrop</b> Lothrop Associates LLP Architects 333 Westchester Avenue White Plains, New York 10604 914-741-1115		ARCHITECTS													
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 07/27/20	JEFFREY R. CARLSON, P.E. S.E. 60 WEST GOLF ROAD, SECOND FLOOR MOUNT PROSPECT, ILLINOIS 60056 847-274-0985	STRUCTURAL ENGINEER													
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<table><tr><td>7/23/2020</td><td>DS</td><td>JC</td><td>RELEASE FOR BID</td></tr><tr><td>7/23/2020</td><td>DS</td><td>JC</td><td>FOR COMMISSIONER MEETING</td></tr><tr><td>REVISION NUMBER</td><td>DATE</td><td>MADE BY</td><td>APP'D BY</td><td>REVISION</td></tr></table>			7/23/2020	DS	JC	RELEASE FOR BID	7/23/2020	DS	JC	FOR COMMISSIONER MEETING	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
7/23/2020	DS	JC	RELEASE FOR BID												
7/23/2020	DS	JC	FOR COMMISSIONER MEETING												
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION											
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<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES															
CONTRACTOR NAME: <u>WESTCHESTER COUNTY, NEW YORK</u> SIGNATURE: <u>DEPARTMENT OF PUBLIC WORKS</u> TITLE: <u>DIVISION OF ENGINEERING</u>		PROJECT COORDINATOR NAME: <u>19-515</u> SIGNATURE: <u>S353</u> TITLE: <u>DATE</u>													
PARKING GARAGE RENOVATION - PHASE 1 MICHAELIAN OFFICE BUILDING 148 MARINE AVENUE, WHITE PLAINS, NEW YORK GENERAL REPAIR DETAILS		SCALE: AS NOTED DATE: 7-23-2020 DWG FILE NO: 52-01-S-414-0													

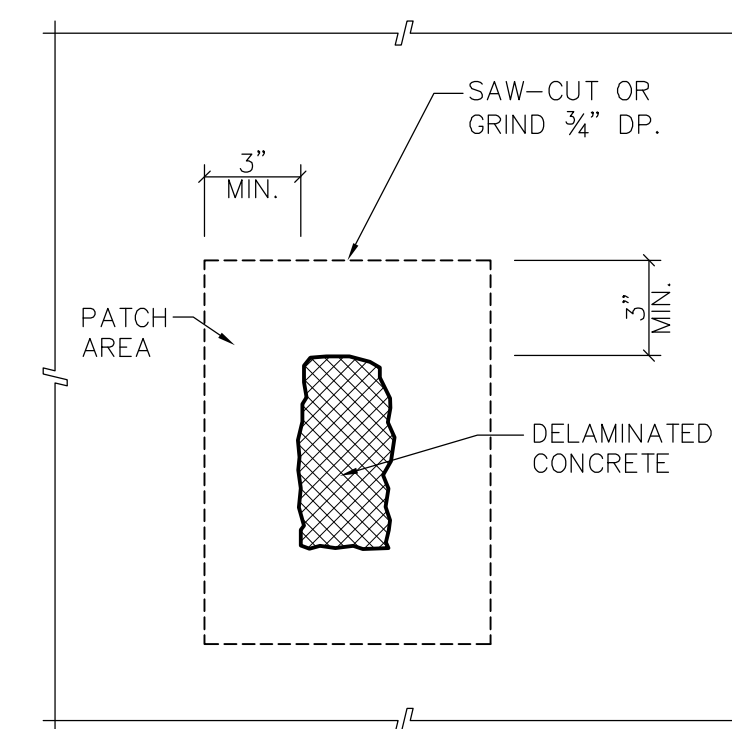




**SIDE VIEW – EXISTING**  
SCALE:  $\frac{3}{8}" = 1'-0"$

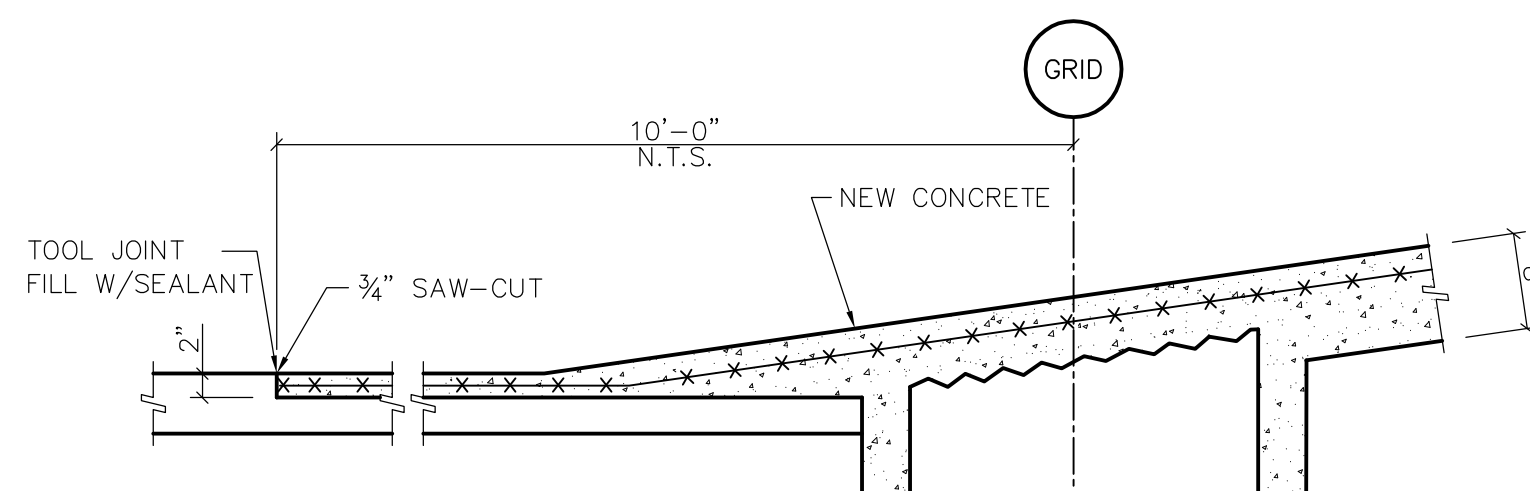


SIDE VIEW – REPAIRED  
SCALE:  $\frac{3}{8}" = 1'-0"$

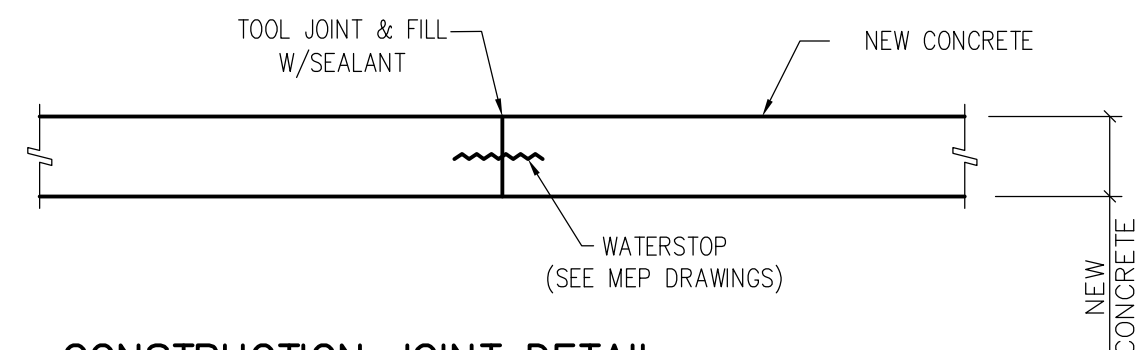


TYPICAL COLUMN/SPANDREL/WALL  
DELAMINATION REPAIR  
SCALE: 2" = 1'-0"

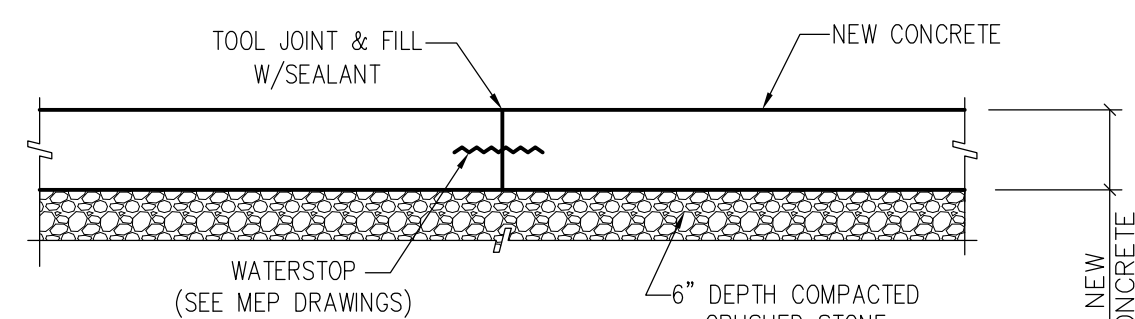
386



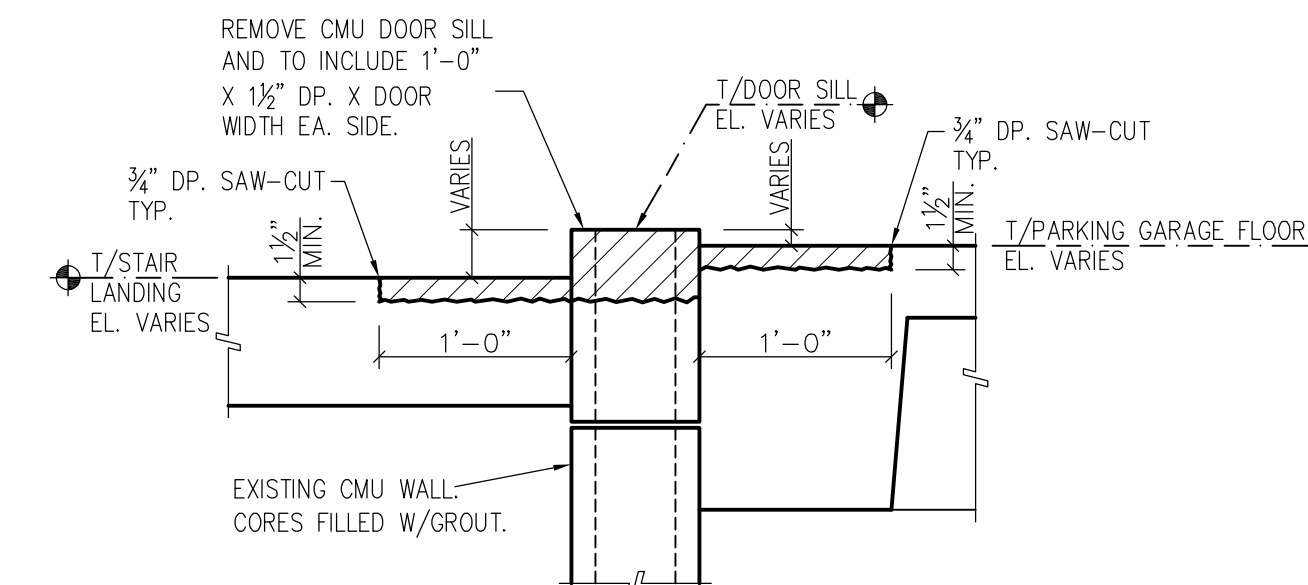
REPAIR AT BOTTOM OF RAMP  
(CONDITION SIMILAR AT TOP OF RAMP)  
SCALE:  $1\frac{1}{2}" = 1'-0"$



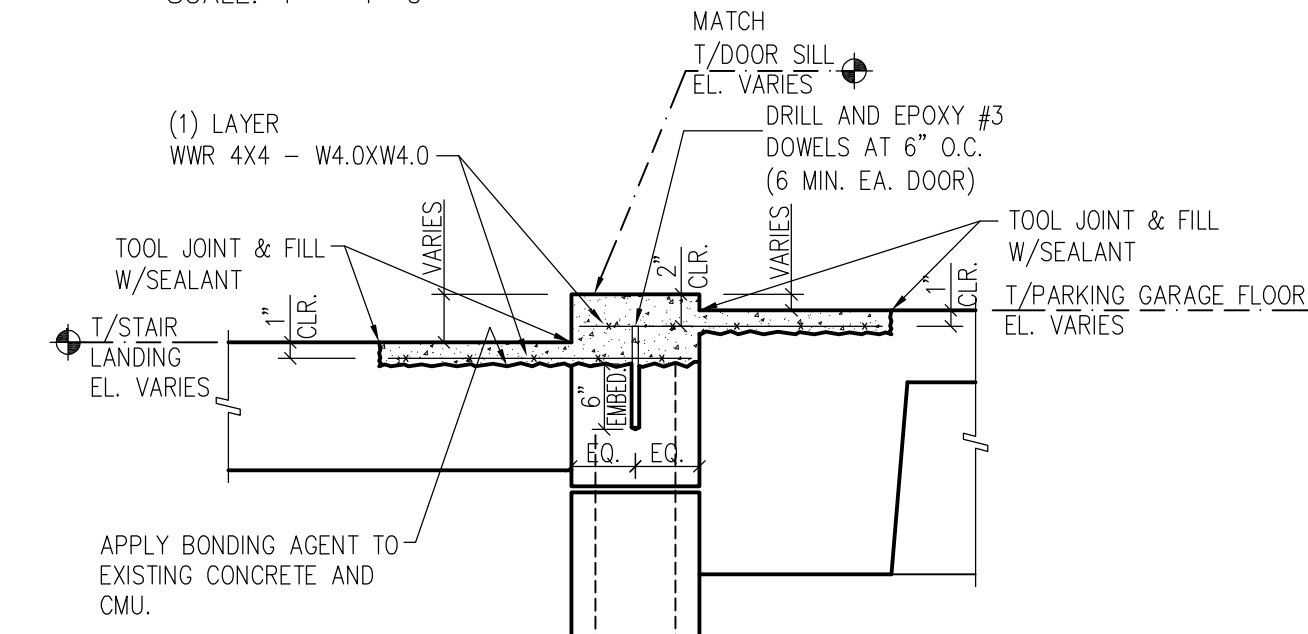
**CONSTRUCTION JOINT DETAIL**  
SCALE: 1" = 1'-0"



**CONSTRUCTION JOINT DETAIL**  
**AT GRADE**  
SCALE: 1" = 1'-0"



DOOR SILL DETAIL - EXISTING/DEMOLITION  
SCALE: 1" = 1'-0"



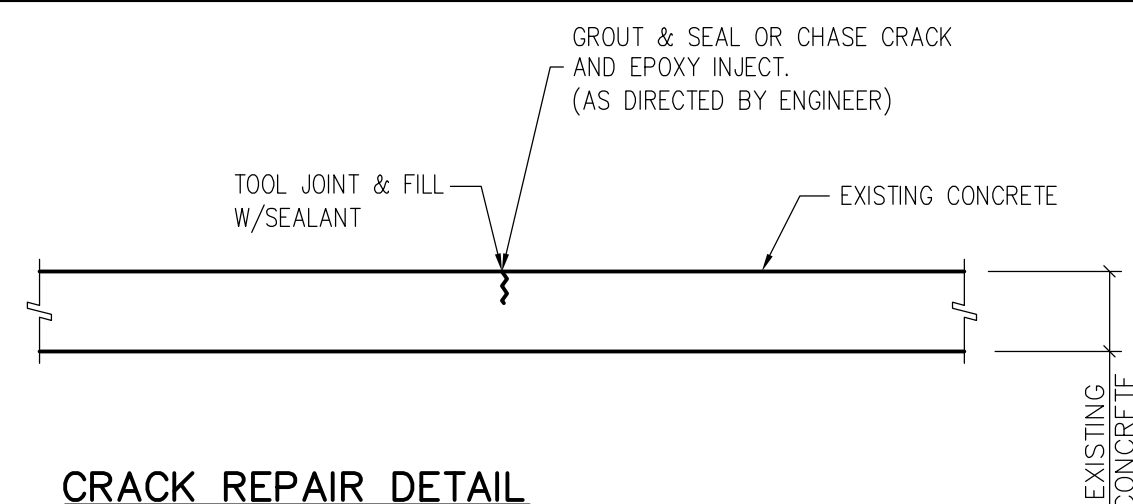
**DOOR SILL DETAIL – REPAIR**  
SCALE: 1" = 1'-0"

**NOTE:**

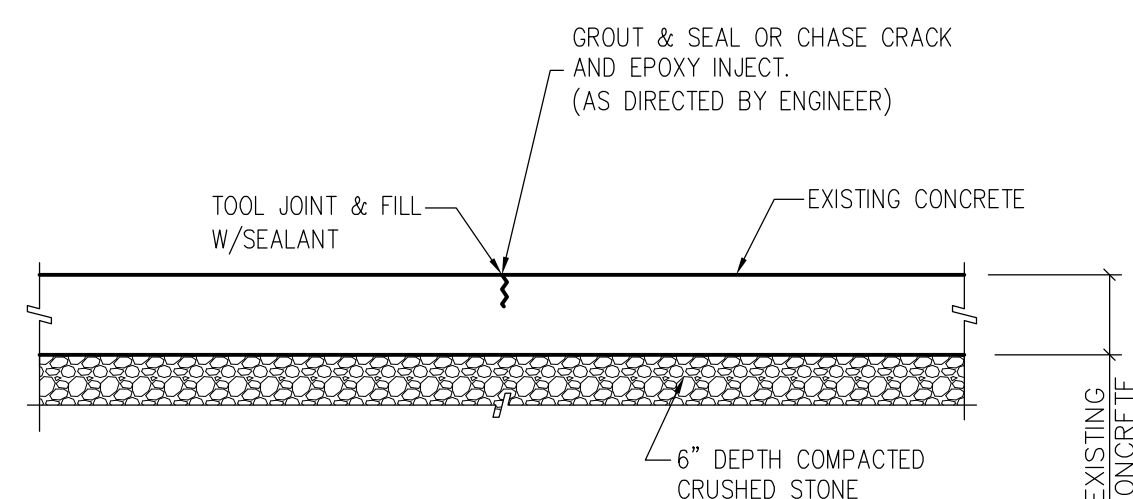
1) THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING SAWCUTTING & CONCRETE REMOVAL OPERATIONS TO AVOID DAMAGING THE UNDERLYING CONCRETE FLOOR/STAIR LANDING AND EXISTING STEEL REINFORCEMENT.

**NOTE:**

2) APPLY A BONDING AGENT BEFORE PLACING NEW CONCRETE FLOOR AND SILL.

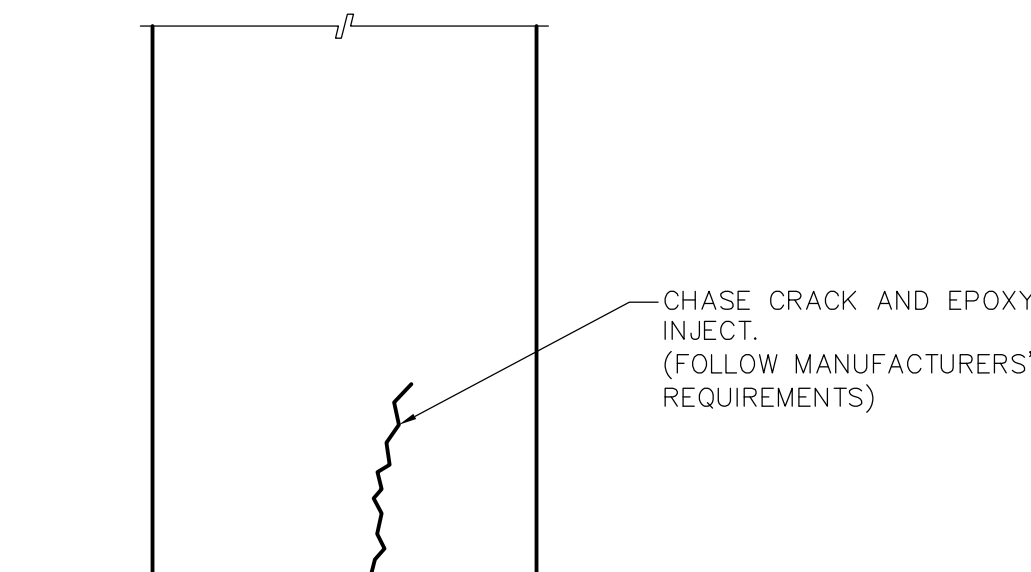


**CRACK REPAIR DETAIL**  
**AT FLOOR OR WALL**  
SCALE: 1" = 1'-0"

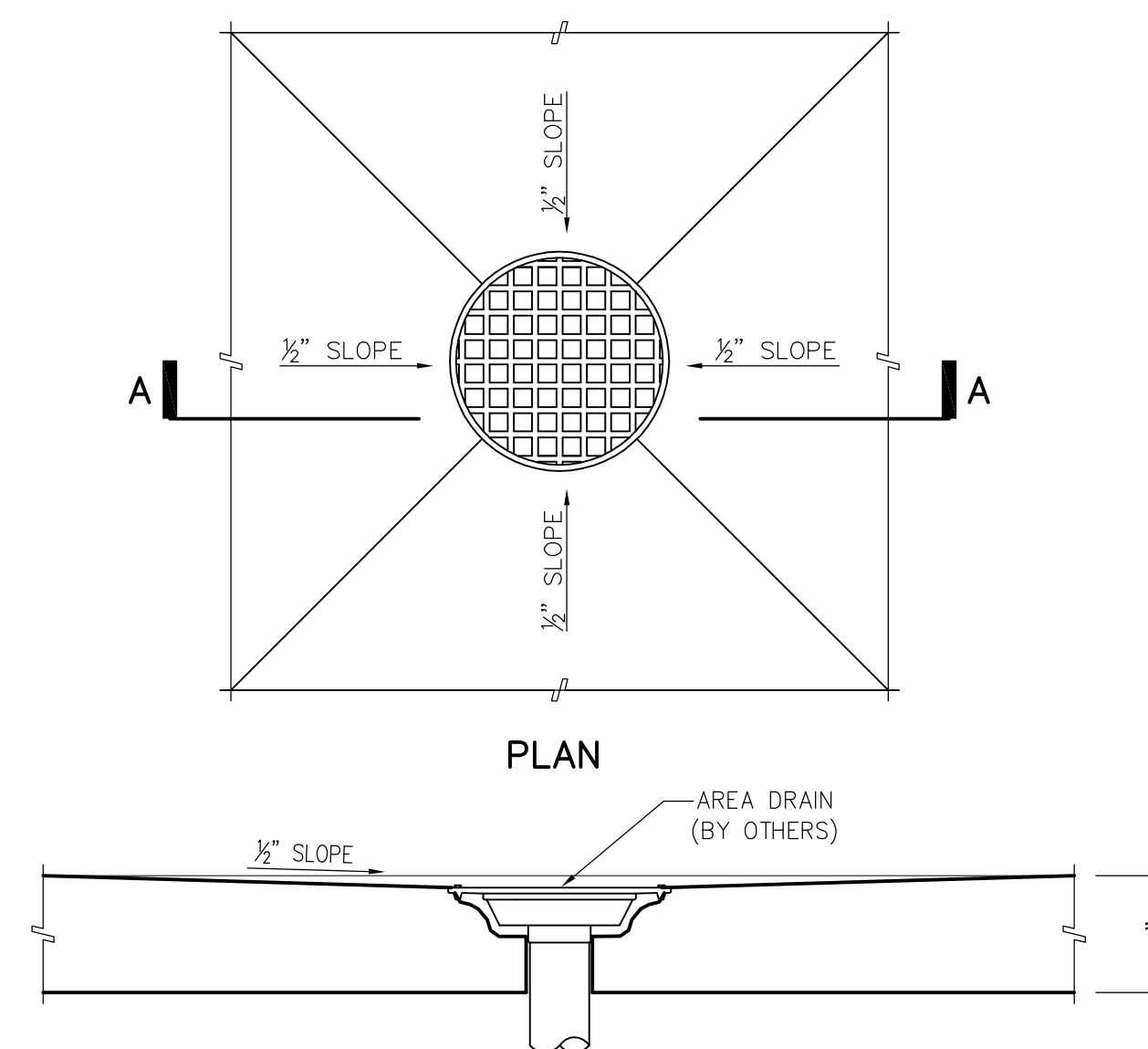


**HORIZONTAL CRACK REPAIR DETAIL**  
**AT GRADE**  
SCALE: 1" = 1'-0"

IN CHARGE OF JEFFREY CARLSON  
CHECKED BY WOJCIECH TROCKI  
MADE BY DAN STEVENS



VERTICAL CRACK REPAIR DETAIL  
SCALE: 2" = 1'-0"




SECTION A-A  
AREA DRAIN DETAIL  
SCALE: 1" = 1'-0"

NOTE:  
AREA DRAIN TO BE PLACED AT  
THE CENTER OF THE PAN.  
DO NOT PLACE AT JOISTS.

NOTES:

1. THE CONCRETE AND QUANTITIES DISPLAYED ARE THE CURRENT ESTIMATED AMOUNTS. ACTUAL QUANTITIES WILL VARY ONCE THE WORK HAS STARTED. CONTRACTOR TO IDENTIFY AND DOCUMENT ACTUAL QUANTITIES, WHICH WILL BE VERIFIED BY THE ARCHITECT/ENGINEER.

<div>Lothrop</div> <div>Lothrop Associates LLP Architects</div> <div>333 Westchester Avenue</div> <div>White Plains, New York 10604</div> <div>914-741-1115</div>				ARCHITECTS
<div>MICHAEL SCHULLER</div> <div>ATKINSON-NGLAND AND ASSOCIATES</div> <div>32 OLD SLIP, 0TH FLOOR</div> <div>NEW YORK, NEW YORK 10005</div> <div>917-647-9350</div>				FORENSIC INVESTIGATION
<div></div> <div>07/27/20</div>	<div>JEFFREY R. CARLSON, P.E. S.E.</div> <div>601 WEST GOLF ROAD, SECOND FLOOR</div> <div>MOUNT PROSPECT, ILLINOIS 60056</div> <div>847-274-0985</div>			STRUCTURAL ENGINEER
<div>MARK VELZY</div> <div>CBK ENGINEERING, PC</div> <div>44-46 FOSTER ROAD</div> <div>HORNELLVILLE, NY 12533</div> <div>914-509-8161 (O)</div>				MEP ENGINEERS
7/23/2020		DS	JC	RELEASE FOR BID
7/23/2020		DS	JC	FOR COMMISSIONER MEETING
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<div><input type="checkbox"/> AS BUILT – CHANGES AS NOTED</div> <div><input type="checkbox"/> AS BUILT – NO CHANGES</div>				
CONTRACTOR			PROJECT COMMISSIONER	
NAME SIGNATURE TITLE			NAME SIGNATURE TITLE	
DATE			DATE	
WESTCHESTER COUNTY, NEW YORK				
DEPARTMENT OF PUBLIC WORKS				
AND TRANSPORTATION				
DIVISION OF ENGINEERING				
PARKING GARAGE REHABILITATION – PHASE 1				
MICHELLENN OFFICE BUILDING				
148 MARINE AVENUE, WHITE PLAINS, NEW YORK				
GENERAL REPAIR DETAILS				
CONTRACT NUMBER 19-515		SHEET NUMBER S354		SHEET NO. 48 OF 87
SCALE: AS NOTED				
DATE: 7-25-2020				
DWG FILE NO.				
52-01-S-415-0				