

GENERAL NOTES

1. ALL DIMENSION SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. DO NOT SCALE THE DRAWINGS.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING AND SHORING REQUIRED FOR COMPLETION OF THE WORK.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED FOR THE COMPLETION OF THE PROJECT.
4. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR COMPLETION OF THE WORK.
5. THE OWNER SHALL EMPLOY AND ARRANGE ALL REQUIRED INSPECTIONS.
6. ANY CONFLICT BETWEEN ELEVATIONS OR DIMENSION STATED IN STRUCTURAL DRAWINGS AND ARCHITETURAL DRAWINGS, THE ARCHITECTURAL ELEVATIONS OR DIMENSION SHALL PREVAIL.

DESIGN CODES AND LOADS

1. THE CONTRACTOR SHALL ACCEPT ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM SUBCONTRACTORS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE IF ANY ERROR, OMISSION, INCONSISTENCY, AMBIGUITIES OR CONFLICTS WITH EXISTING CONDITIONS, ARE DISCOVERED ON THESE DRAWINGS OR SPECIFICATIONS.
2. ALL WORK TO CONFORM TO 2018 INTERNATIONAL BUILDING CODE AND ALL OTHER COVERING FEDERAL, STATE AND LOCAL REGULATIONS.
3. VERIFY AND/OR ESTABLISH ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE BEFORE SUBMITTING SHOP DRAWINGS, ORDERING ANY MATERIAL OR COMMENCEMENT OF ANY WORK.
4. THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH EACH DETAIL CONTAINED IN THE DRAWINGS AND REPORT ANY DETAILS NOT REFERENCED FOR SPECIAL INSTRUCTIONS BY THE ENGINEER.
5. CONTRACT PROPER AUTHORITIES TO LOCATE EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
6. DESIGN CRITERIA
- A. RAMP, AND EQUIPMENT BUILDING TOP SLAB = H20 TRUCK LOAD OR 250 PSF
- B. BATHHOUSE LIVE LOAD =100 PSF
- C. SNOW LOAD = 30 PSF
- D. SEISMIC DESIGN
- SEISMIC DESIGN CATEGORY=B
SOIL SITE CLASS = C
RISK CATEGORY = III, SEISMIC IMPORTANCE FACTOR=1.25
S_s = 0.28 F_o = 1.3
S₁ = 0.06 F_v = 1.5
S_{ps} = 0.243 S_{us} = 0.364
S_{pt} = 0.06 S_{ut} = 0.089

FOUNDATION NOTES

PLAN NOTES

1. ALL REINFORCING TO BE SUPPORTED BY CHAIRS

FOOTING AND RETAINING NOTES

1. ACTUAL GROUT-GROUND BOND STRENGTHS MUST BE CONFIRMED BY A PULL OUT TEST PROGRAM DURING AT THE START OF CONSTRUCTION ASTM C 900.
2. ANCHOR LENGTH SHALL BE ADJUSTED ACCORDINGLY, BASED ON THE RESULT OF THIS TESTING.
3. ANCHOR-GROUT -EPOXY TO BE USED HILTI PRODUCT (HILTI-RE 100) ADHESIVE OR APPROVED EQUAL.
4. BOTTOM OF FOOTING SHOULD BE 3'6" BELOW GRADE EXPOSED TO WEATHER PER NYS BUILDING CODE.
5. MEMBRANE SHOULD BE PROVIDED BETWEEN SOIL AND RETAINING WALL.

PILES NOTES

1. A TEMPORARY SEALED CASING SHALL BE PROVIDED WHERE REQUIRED TO PREVENT EXCESSIVE AMOUNTS OF SLOUGHING SOIL AND WATER FROM ENTERING THE MICROPILE SHAFT.
2. COMPLY WITH ALL OSHA REGULATIONS, EPA REGULATIONS, AND ALL OTHER FEDERAL, STATE OR LOCAL REQUIREMENTS WHICH PERTAIN TO THE CAST-IN-PLACE CONCRETE MICROPILE WORK.

SECTION AND DETAIL KEY FOR STRUCTURAL

- A

B

C

1

B

C
- A/1 SECTION LETTER / DETAIL NUMBER
- B DRAWING ON WHICH SECTION/DETAIL IS FIRST CUT
- C DRAWING ON WHICH SECTION/DETAIL IS LOCATED

CONCRETE NOTES

1. DETAIL, FABRICATE AND PLACE ALL REINFORCING STEEL TO COMPLY WITH RECOMMENDATIONS OF ACI DETAILING MANUAL.
2. SHOW LOCATION OF ALL REQUIRED AND ADDITIONAL PROPOSED CONSTRUCTION JOINTS AND ADDITIONAL REINFORCING REQUIRED THEREIN ON REINFORCING STEEL SHOP DRAWINGS.
3. EXPOSED GRADE BEAMS SHALL BE RUBBED WITHIN 48 HOURS OF CONCRETE PLACEMENT TO PRODUCE A SMOOTH EXPOSED FACE.
4. REINFORCING BARS SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A615 GRADE 60.
5. REINFORCING BARS MAY BE SPLICED ONLY AS SHOWN ON THE DRAWINGS EXCEPT THAT REINFORCING DESIGNATED AS CONTINUOUS SHALL HAVE A CLASS "B" LAP SPLICE IN ACCORDANCE WITH ACI 12.15, BUT IN NO CASE SHALL THE LAP BE LESS THAN "12". LAP SPLICES FOR CONTINUOUS REINFORCING SHALL BE MADE OVER SUPPORTS FOR BOTTOM BARS AND FOR INTERMEDIATE BARS AND AT MID-SPAN FOR TOP BARS. AT EXTERIOR SUPPORTS, TOP BARS SHALL BE HOOKED DOWN AND BOTTOM AND INTERMEDIATE BARS SHALL EXTEND TO WITHIN 2" OF EXTERIOR FACE.
6. SET ANCHOR BOLT TO HAVE AT LEAST 3" CONCRETE COVER AND TO ALLOW REINFORCEMENT TO PASS OUTSIDE OF BOLTS.
7. INSTALL ADEQUATE TEMPORARY SHORING AND BRACING DURING CONSTRUCTION FOR ALL CONCRETE MEMBERS TO SUPPORT ALL APPLIED LOADS. CONCRETE FORMWORK SHALL BE CONSTRUCTED TO ADEQUATELY SUPPORT WET CONCRETE WITHOUT DEFLECTION OR BLOW-OUT.
8. ALL CONCRETE FINISHING MUST EMPLOY A MECHANICAL MEANS OF CONSOLIDATION VIBRATORS OR VIBRATORY SCREEN MUST BE USED.
9. DO NOT ALLOW SURFACE WATER TO ACCUMULATE AND/ OR POND IN EXCAVATIONS. TEMPORARY DEWATERING SYSTEM SHALL BE INCORPORATED BY THE CONTRACTOR ON AN AS-NEEDED BASIS.
10. CONCRETE SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
- A. LOCATION = CONCRETE WALL
- B. 28 DAYS F°C (PSI) = 4,000
- C. MAX. NOMINAL COARSE AGG. SIZE (IN) = 1
- D. SLUMP = 3 (+/-1)
- E. W/C = 45-50
11. CAST-IN-PLACE CONCRETE MINIMUM PROTECTION (CLEAR COVER) FOR REINFORCEMENT SHALL BE AS NOTED IN ACI318
12. PROVIDE CORNER BARS IN GRADE BEAMS AND FOOTING AT EACH CORNER AND/OR INTERSECTION (TOP AND BOTTOM)
13. PROVIDE CONSTRUCTION JOINTS WHERE SHOWN OR APPROVED BY THE ENGINEER, WHERE SECTION CAN NOT BE PLACED CONTINUOUSLY.
14. ALL REINFORCEMENT SHALL BE SUPPORTED ON METAL OR PLASTIC SUPPORTS AND SECURELY TIED TO PREVENT MOVEMENT DURING CONCRETING
15. REINFORCING BARS SHALL CONFORM TO ASTM A 615 GRADE 60.
16. CONTRACTOR SHALL MAKE PROVISIONS FOR FINISHING EXPOSED CONCRETE. AS SOON AS FORMS ARE REMOVED, UNDESIRABLE FINS AND PROJECTIONS SHALL BE REMOVED, OFFSETS SHALL BE LEVELED, AND VOID OR DAMAGED PLACES SHALL BE IMMEDIATELY SATURATED WITH WATER AND FINISHED WITH CEMENTIOUS PASTE OR MORTAR OF THE SAME COMPOSITION AS USED IN THE MIX. EXPOSED SURFACES SHALL BE RUBBED WITH CARBORUNDUM STONE TO A SMOOTH FINISH FREE FROM FORM MARKS OR HONEYCOMBS.
17. CONCRETE SHALL BE PLACED CONTINUOUSLY, WITHOUT INTERRUPTION, IN SUCH A MANNER AS NOT TO CAUSE SEGREGATION. EACH LIFT SHALL BE VIBRATED. WHERE CONCRETE DROPS ARE MORE THAN 5 FEET, CONCRETE SHALL BE PLACED USING A CHUTE, TREMIE, OR PUMP HOSE.
18. FOUNDATION CONTRACTOR SHALL INSTALL ALL ANCHOR BOLTS AND EMBEDDED ITEMS.
19. SHOP DRAWINGS, BAR LISTS, AND PLACEMENT, PLANS FOR ALL REINFORCING STEEL SHALL BE SUBMITTED IN DUPLICATE TO THE ENGINEER FOR APPROVAL.
20. TESTING LABORATORY SERVICES FOR QUALITY CONTROL OF CAST-IN-PLACE CONCRETE SHALL BE PROVIDED BY THE CONTRACTOR. TESTING SERVICE SHALL INCLUDE PREPARATION AND TESTING OF CONCRETE COMPRESSION CYLINDERS AND SLUMP TESTS AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
21. ALL DRILLED/EPOXY SET FOR ANCHORS OR DOWELS SHALL BE AS MANUFACTURED BY HILTI.
22. CONCRETE SURFACE ALONG THE JOINT OF EXISTING SLAB/BEAM SHOULD BE TREATED BEFORE CASTING CONCRETE WITH EPOXY RESIN SYSTEM DESIGNED TO BLEND NEW CONCRETE TO OLD CONCRETE MEETING ASTM C-881 TYP.E II, GRADE 2.

CONCRETE MASONRY NOTES

1. ALL NEW MASONRY IS ASSUMED TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI.
2. THE PRECAST U-LINTEL IS ASSUMED TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI.
3. ALL NON-BEARING MASONRY WALLS SHALL BE REINFORCED WITH #4 VERTICAL BARS AT 40 INCHES ON CENTER, TYPICAL UNLESS OTHERWISE NOTED.
4. PROVIDE REINFORCING STEEL DOWELS OF THE SAME SIZE AND SPACING AS VERTICAL REINFORCING FROM THE SUPPORTING STRUCTURE. DOWELS SHALL BE FULLY DEVELOPED
5. REINFORCING STEEL SHALL COMPLY WITH ASTM A 615, GRADE 60.

MATERIAL TESTING NOTES

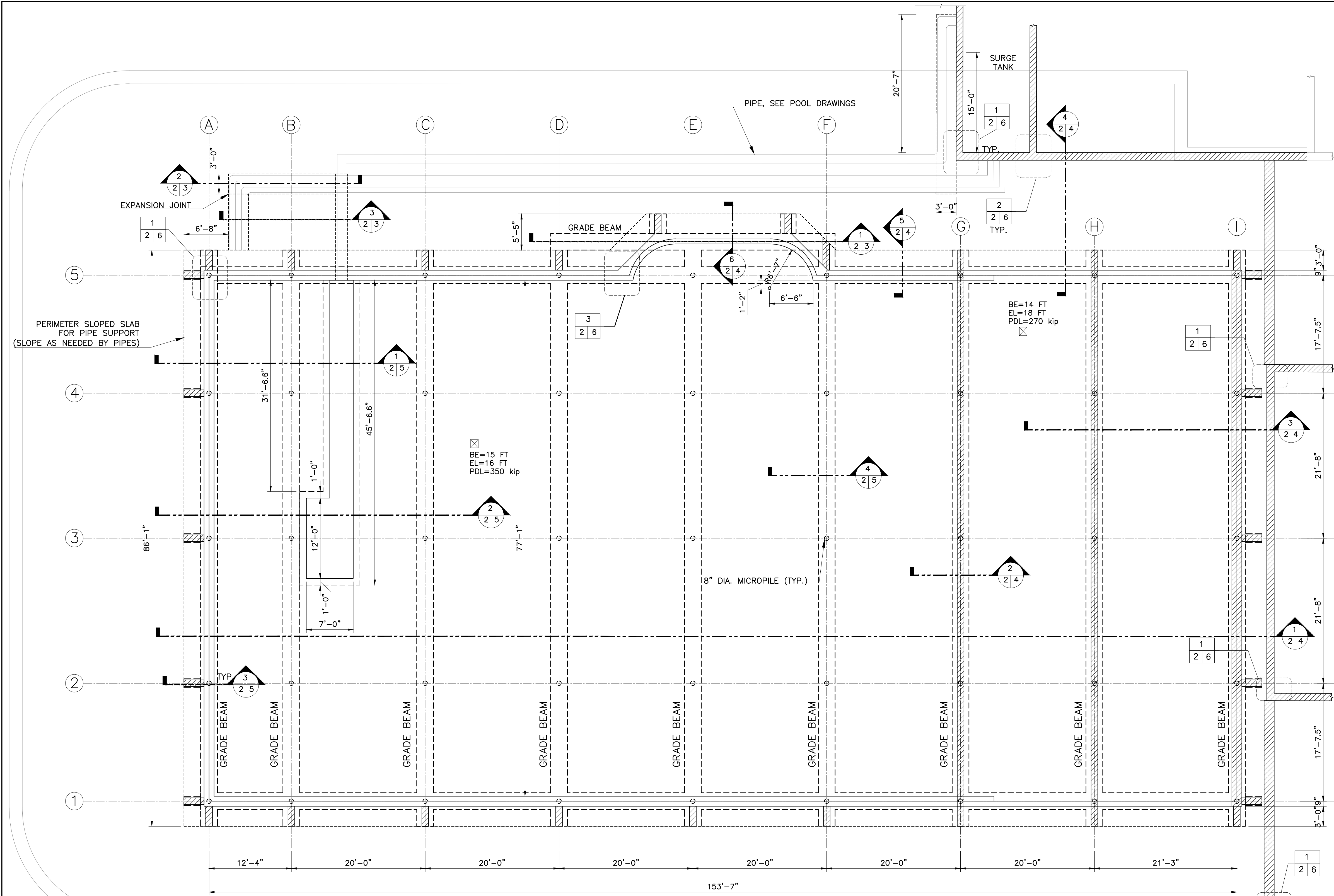
1. THE OWNER SHALL EMPLOY AND PAY FOR THE SERVICES OF AN INDEPENDENT TESTING LABORATORY TO PERFORM SPECIFIED TESTING, COOPERATE WITH LABORATORY TO FACILITATE EXECUTION OF REQUIRED SERVICES.
2. SERVICES OF A LABORATORY DO NOT RELIEVE CONTRACTORS OBLIGATIONS TO PERFORM THE WORK IN ACCORDANCE WITH THE CONTRACT.
3. EACH INSPECTION SHALL BE DOCUMENTED PROMPTLY WITH A WRITTEN REPORT; 2 COPIES TO THE ENGINEER AND ONE COPY EACH TO THE OWNER AND THE CONTRACTOR. EACH REPORT SHALL INCLUDE:
- A. DATE ISSUED.
- B. PROJECT TITLE AND NUMBER.
- C. TESTING LABORATORY NAME, ADDRESS AND TELEPHONE NUMBER.
- D. NAME AND SIGNATURE OF LABORATORY INSPECTOR.
- E. DATE AND TIME OF INSPECTION.
- F. DATE OF TEST.
- G. IDENTIFICATION OF PRODUCT.
- H. LOCATION OF SAMPLE OR TESTING IN PROJECT.
- I. TYP.E OF INSPECTION OR TEST.
- J. RESULTS OF TESTS AND COMPLIANCE WITH CONTRACT DOCUMENTS.
- K. INTERPRETATION OF TEST RESULTS THAT INDICATE UNSATISFACTORY CONDITIONS.
- TRACK ALL NON-COMPLYING WORK IN SUBSEQUENT REPORTS, UNTIL THE WORK HAS BEEN CORRECTED AND RE-INSPECTED.
4. INSPECTIONS AND CONTROL OF CONCRETE:
- A. REVIEW AND APPROVE CONCRETE MIX DESIGNS SUBMITTED BY CONTRACTOR
- B. INSPECT PLASTIC CONCRETE AT SITE TO ENSURE THAT CONCRETE IS THOROUGHLY AND PROPERLY MIXED. CONTROL CONSISTENCY OF MIX TO PROTECT AGAINST SEGREGATION DUE TO EXCESSIVE WATER. ADJUST AMOUNT OF MIXING WATER TO ASSURE UNIFORM CONSISTENCY OF EACH BATCH.
- C. CHECK MIXING TIME OF CONCRETE IN TRUCKS.
- D. CERTIFY EACH DELIVERY TICKET INDICATING CLASS OF CONCRETE DELIVERED, AND RECORD AMOUNT OF WATER ADDED, TIME OF MIXING, TIME OF DISCHARGE, SLUMP AND LOCATION OF PLACEMENT.
- E. PROMPTLY REPORT TO ENGINEER DETAILS OF REASONS FOR REJECTION OF ANY QUANTITIES OF CONCRETE. REPORT LOCATIONS OF CONCRETE POURS, QUANTITIES, DATE OF POURS AND OTHER PERTINENT FACTS CONCERNING CONCRETE PRESENTED BY REJECTED SPECIMENS.
5. TESTING OF CONCRETE:
- A. TEST CYLINDERS: DURING PROGRESS OF WORK, MOLD, CURE AND TEST SPECIMENS OF EACH DIFFERENT MIX DESIGN PLACED IN ANY ONE DAY. FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED, OR PART THEREOF OVER 10 CUBIC YARDS, MAKE COMPRESSION TEST CYLINDERS DURING POUR. MOLD AND CURE TEST CYLINDERS IN ACCORDANCE WITH ASTM C-31. TEST CYLINDERS IN ACCORDANCE WITH ASTM C-39: ONE AT 7 DAYS AND 2 AT 28 DAYS. MAKE ADDITIONAL SETS OF 3 CYLINDERS WHEN OBVIOUS CHANGES IN MIX ARE APPARENT.
- B. SLUMP TESTS: MAKE SLUMP TESTS FOR EACH 50 CUBIC YARDS AT CONCRETE PLACED, AND FOR EACH SET OF CYLINDERS IN ACCORDANCE WITH ASTM C-143.
- C. AIR CONTENT OF NORMAL-WEIGHT CONCRETE: DETERMINE TOTAL AIR CONTENT OF AIR ENTRAINED CONCRETE FOR EACH COMPRESSIVE STRENGTH TEST IN ACCORDANCE WITH ASTM C-231.
- REINFORCING STEEL INSPECTION:
- A. PERFORM VISUAL INSPECTION PRIOR TO PLACEMENT FOR SIZE, TYP.E, AND QUALITY OF MATERIALS.
- B. OBSERVE AND REPORT ON PLACEMENT OF REINFORCEMENT FOR CONFORMANCE WITH CONTRACT DOCUMENTS AND SHOP DRAWINGS, INCLUDING SIZE, VERTICAL LOCATION, HORIZ.ONTAL SPACING, CORRECTNESS OF BENDS, SPLICES, CLEARANCE BETWEEN BARS AND FORMS, FIRMNESS OF INSTALLATION, AND SECURITY OF SUPPORT AND TIES.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360.
2. STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
- A. STRUCTURAL STEEL SHAPES, PLATES AND BARS UNLESS OTHERWISE NOTED -ASTM A 36, Fy = 36 KSI
- B. STRUCTURAL STEEL W-SHAPES - ASTM A 992, Fy = 50 KSI
- C. ANCHOR RODS - ASTM F 1554, GRADE 36
- D. WASHERS - ASTM F 436
- E. NUTS - ASTM A 563
3. ALL STEEL SURFACES SHALL RECEIVE RED OXIDE PRIMER, U.N.O.

CHARLES A. MANGANARO CONSULTING ENGINEERS A PROFESSIONAL CORPORATION 303 SOUTH BROADWAY, SUITE 223, TARRYTOWN, NY 10591-5488 SHAILESH R. NAIK, P.E. NEW YORK LICENSE No. 072797-1	CONSULTANT SEAL 	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.						RECORD DRAWING CERTIFICATION		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER S-001		
								☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES							
								CONTRACTOR		PROJECT COORDINATOR		REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK STRUCTURAL GENERAL NOTES		SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-S-416	REV. NO. 0
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			REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION								

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FOUNDATION PLAN
SCALE: 1/8"=1'0"

NOTE:
☒ TEST PILE LOCATION
BE= BEDROCK EMBEDMENT BOND LENGTH
EL=ESTIMATED PILE LENGTH
PDL=PILE DESIGN LOAD
STEEL BAR FOR TEST PILES #28

POOL MICROPILE SCHEDULE

PILE LOCATION	BEDROCK EMBEDMENT BONDLENGTH (FT.)	TOTAL ESTIMATED PILE LENGTH (FT.)	STEEL BAR DIAMETER #	LOAD (KIP)
A-1	7	10.25	#18	84
A-2	7	9.25	#18	162
A-3	7	8.25	#18	163
A-4	7	9.25	#18	165
A-5	7	13.25	#18	84
B-1	7	10.00	#20	145
B-2	8	10.25	#24	246
B-3	10	11.00	#28	333
B-4	10	12.25	#28	352
B-5	7	13.50	#20	182
C-1	7	9.75	#20	175
C-2	10	11.00	#28	304
C-3	10	11.00	#28	343
C-4	10	12.25	#28	349
C-5	7	14.00	#20	177

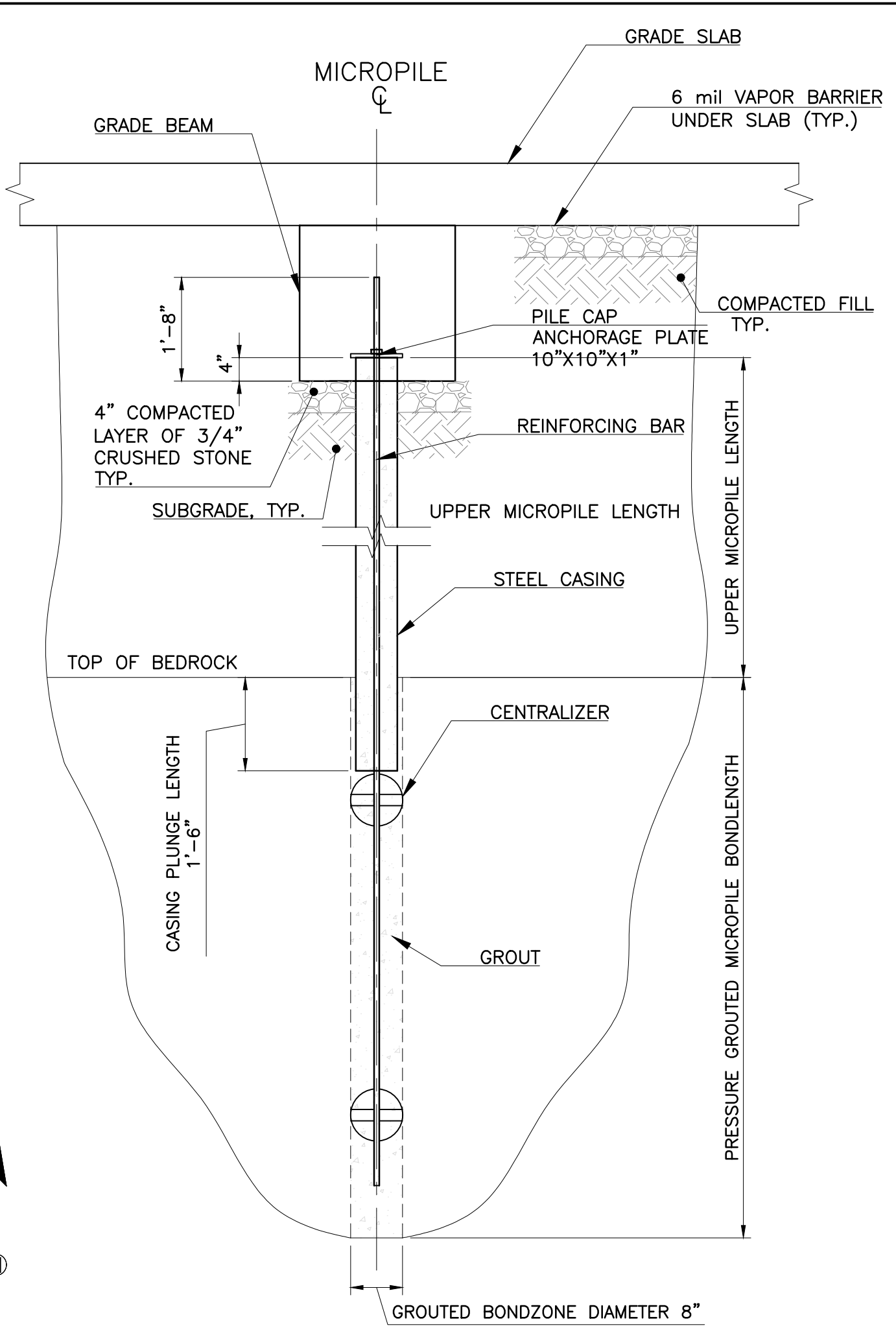
MICROPILE STEEL REINFORCING BAR PER ASTM A615 GRADE 75,80
MICROPILE CASING PIPE PER ASTM 519-A106, O.D. 8", WALL THICKNESS 1/2"
MICROPILE GROUT = 4 KSI

PILE LOCATION	BEDROCK EMBEDMENT BONDLENGTH (FT.)	TOTAL ESTIMATED PILELENGTH (FT.)	STEEL BAR DIAMETER #	LOAD (KIP)
D-1	7	9.25	#20	174
D-2	9	10.75	#28	314
D-3	10	11.00	#28	321
D-4	9	11.50	#28	308
D-5	8	15.25	#24	229
E-1	7	8.75	#20	176
E-2	9	10.25	#28	316
E-3	10	11.00	#28	326
E-4	9	11.50	#28	300
E-5	8	15.75	#24	210
F-1	7	8.50	#20	171
F-2	9	10.00	#28	298
F-3	9	9.75	#28	308
F-4	9	11.75	#28	282
F-5	8	16.00	#24	243

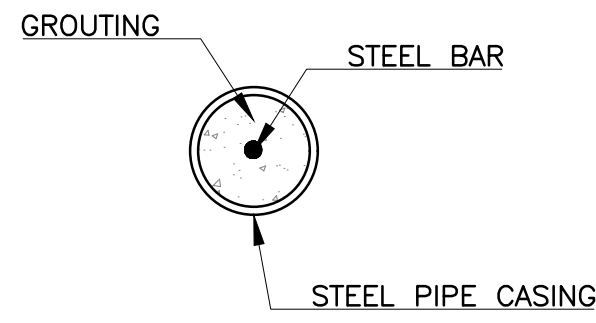
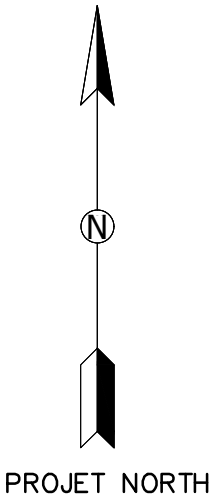
PILE LOCATION	BEDROCK EMBEDMENT LENGTH (FT.)	TOTAL ESTIMATED PILELENGTH (FT.)	STEEL BAR DIAMETER #	LOAD (KIP)
G-1	7	8.25	#20	159
G-2	9	10.00	#28	271
G-3	9	9.75	#28	276
G-4	9	11.75	#28	271
G-5	7	15.50	#20	152
H-1	7	8.50	#20	177
H-2	9	10.00	#28	289
H-3	9	9.75	#28	295
H-4	9	12.00	#28	292
H-5	7	15.75	#20	182
I-1	7	7.25	#18	121
I-2	8	8.25	#28	235
I-3	8	8.25	#28	238
I-4	8	11.00	#28	237
I-5	7	16.25	#18	123

GRADE 75, 80 DYWIDAG THREADBAR® - Reinforcing Steel per ASTM A615

THREADBAR® Designation	Maximum THREADBAR® Diameter	Minimum Yield Stress (f _y)	Nominal Cross Section Area (A _n)	Minimum Yield Load (f _y x A _n)	Nominal Weight
	[mm]	[ksi]	[in²]	[kips]	[lbs/ft]
#6	19	0.86	22	75	517
#7	22	0.99	25	75	517
#8	25	1.12	28	75	517
#9	29	1.26	32	75	517
#10	32	1.43	36	75	517
#11	36	1.61	41	75	517
#14	43	1.86	47	80	552
#18	57	2.50	64	80	552
#20	63	2.72	69	80	552
#24	75	3.18	81	75	517
#28	90	3.68	94	75	517

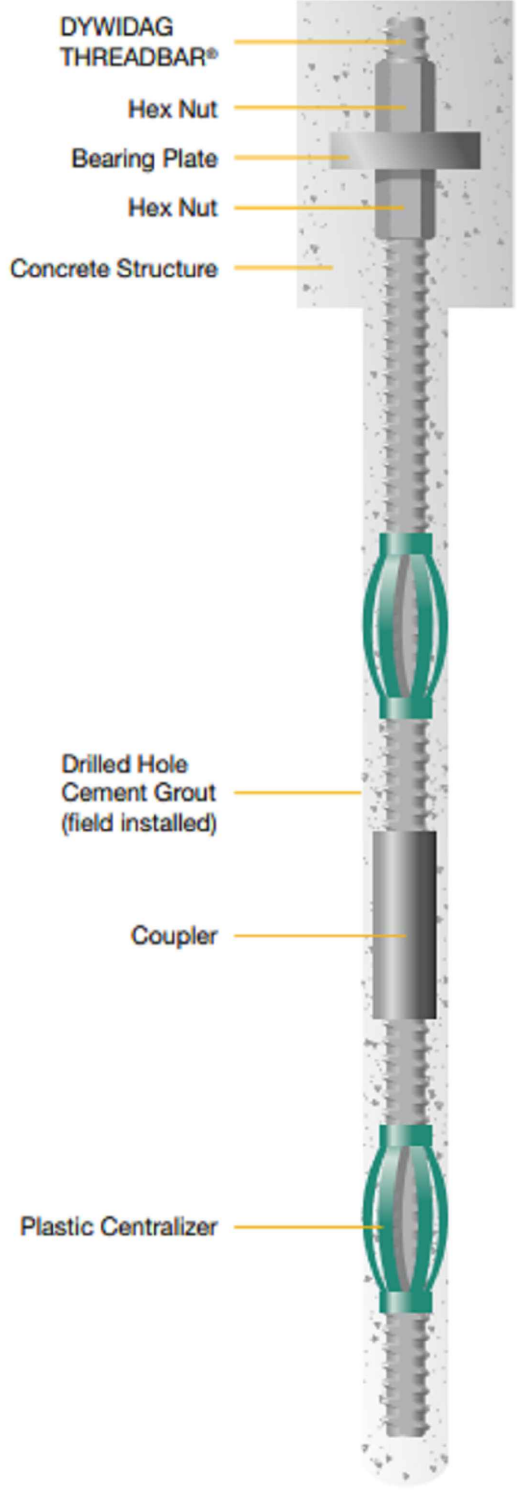


8" MICROPILE DETAIL
N.T.S.



8" MICROPILE CROSS SECTION
N.T.S.

GEW® Pile with Single Corrosion Protection (SCP)



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SHAILESH R. NAIK, P.E.
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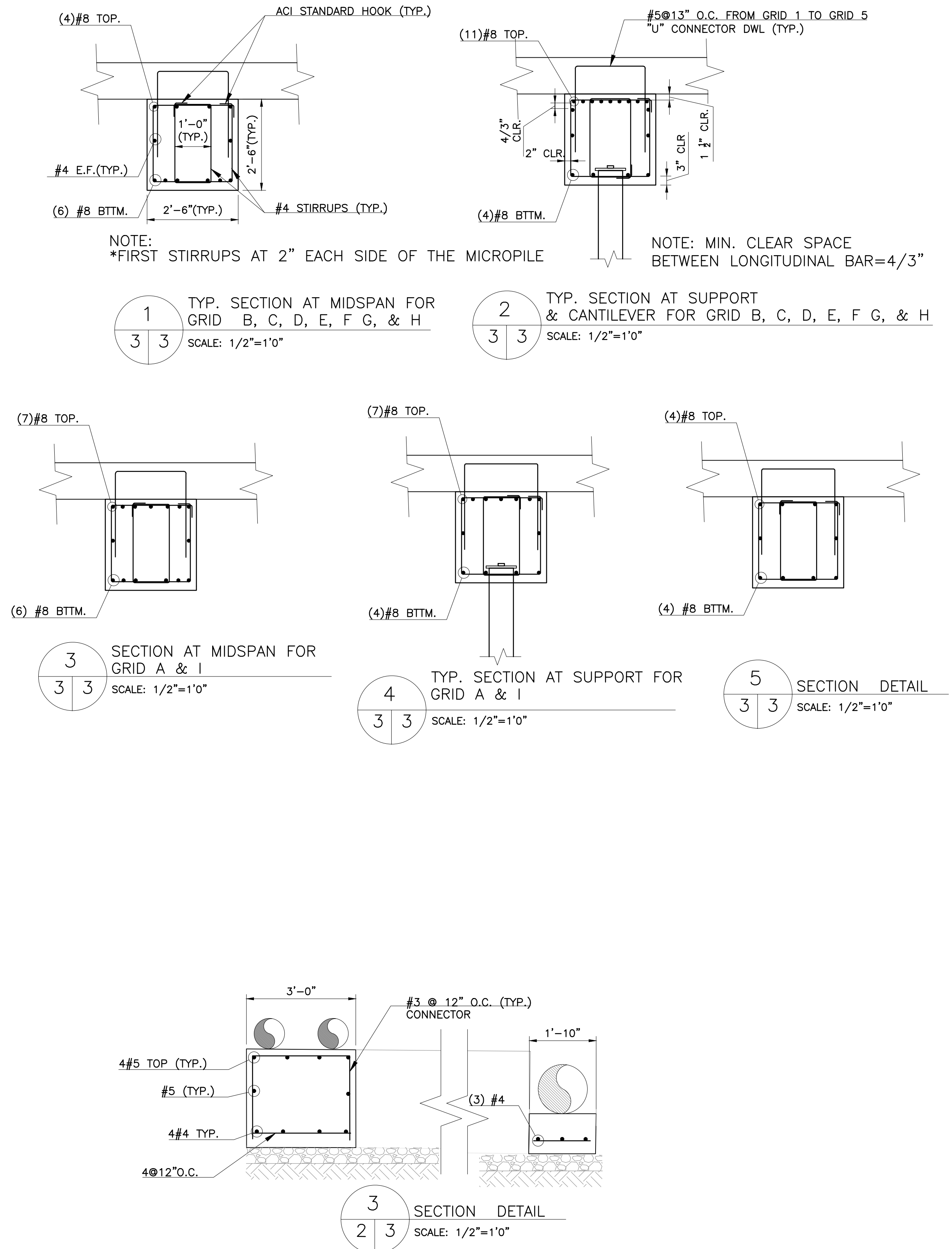
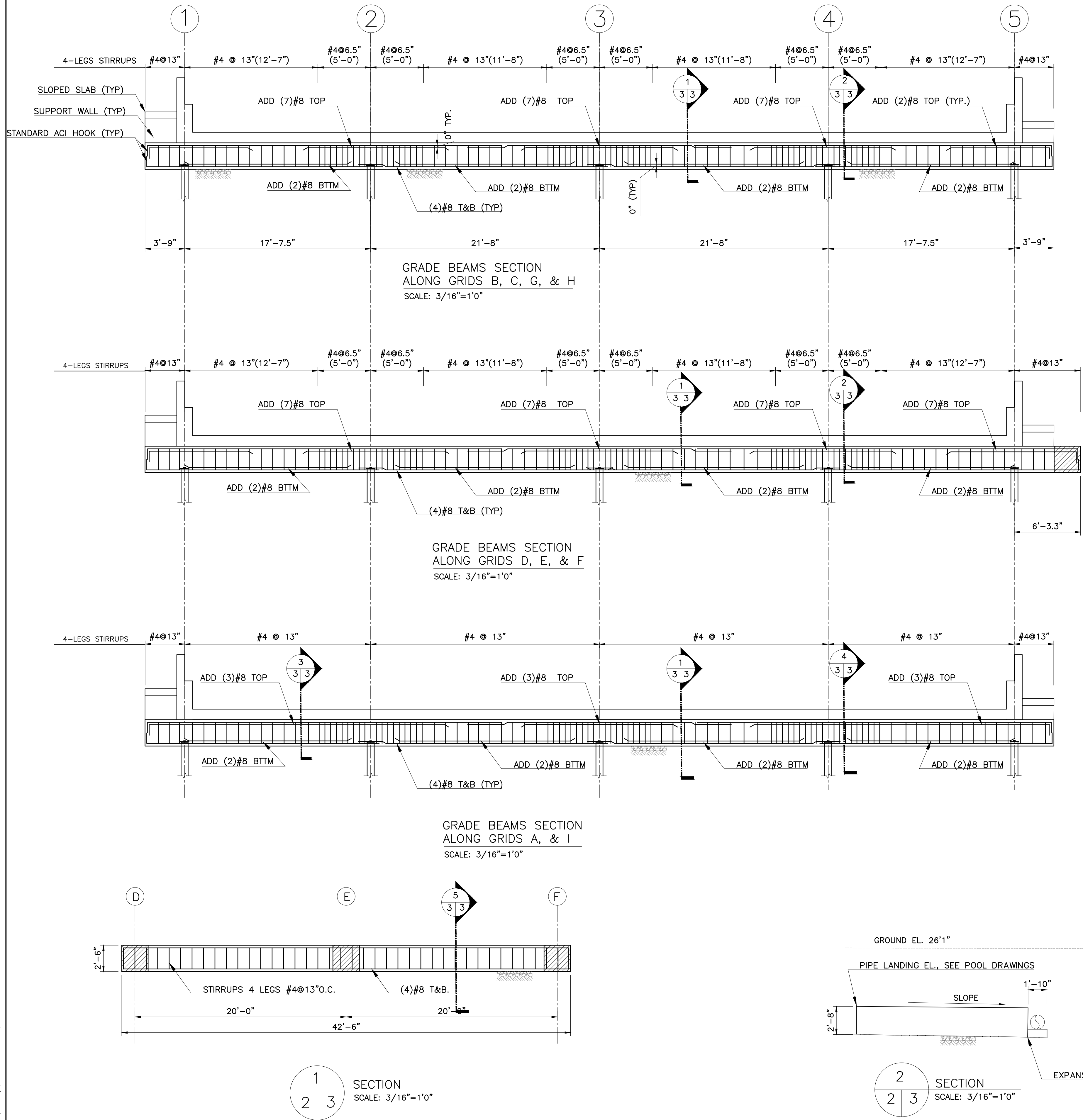
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RECORD DRAWING CERTIFICATION	
☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES	
CONTRACTOR	PROJECT COORDINATOR
NAME _____ SIGNATURE _____ TITLE _____ DATE _____	NAME _____ SIGNATURE _____ TITLE _____ DATE _____

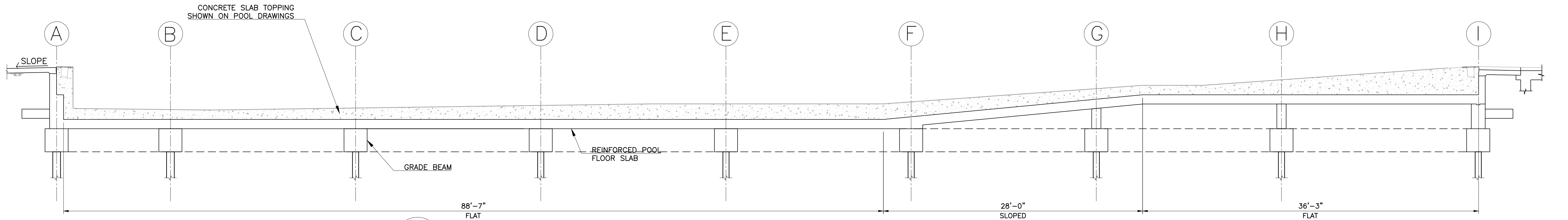
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION
DIVISION OF ENGINEERING
REHABILITATION OF POOL AND BATHHOUSE
PLAYLAND PARK, RYE, NEW YORK
STRUCTURAL
POOL FOUNDATION PLAN, & MICROPILE SCHEDULES & DETAILS

CONTRACT NUMBER 20-504	SHEET NUMBER S-002
SHEET NO. 60 OF 201	
SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO.	REV. NO. 0

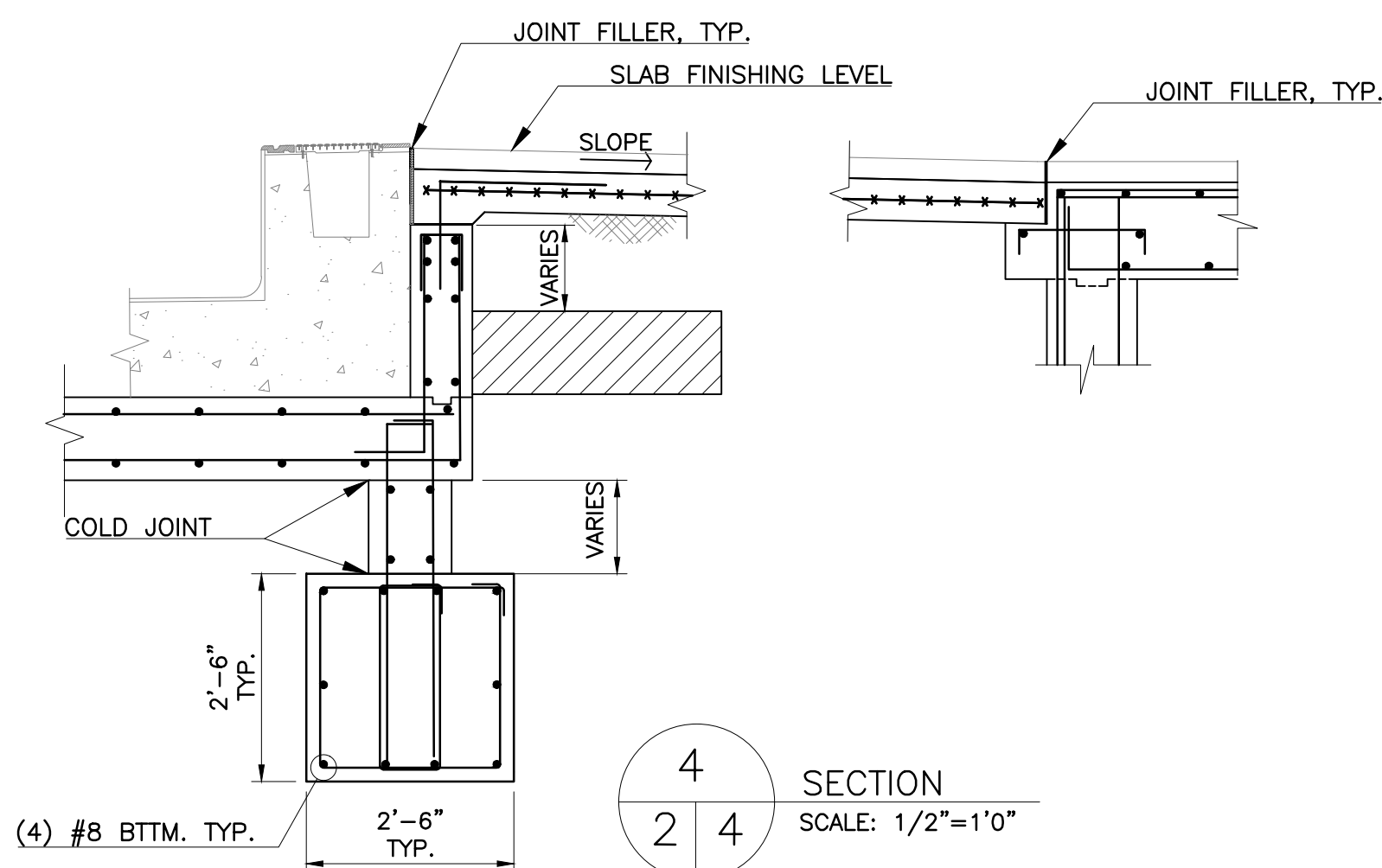
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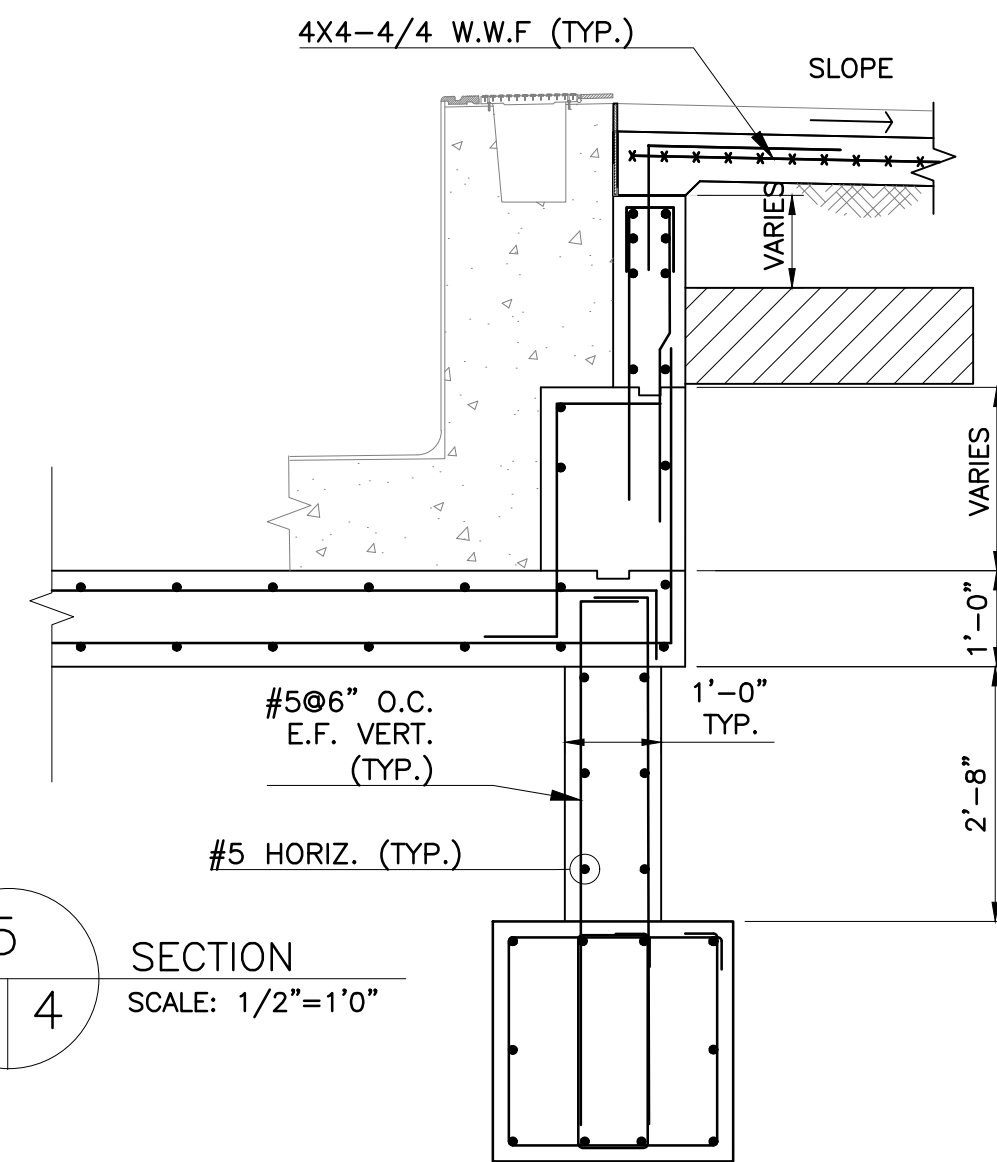
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		IN CHARGE OF CHECKED BY MADE BY	SN MR MU	REVISION NUMBER	DATE	MADE BY	APP'D BY	NAME SIGNATURE TITLE	DATE	PROJECT COORDINATOR NAME SIGNATURE TITLE	DATE	SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-S-418	REV. NO. 0				



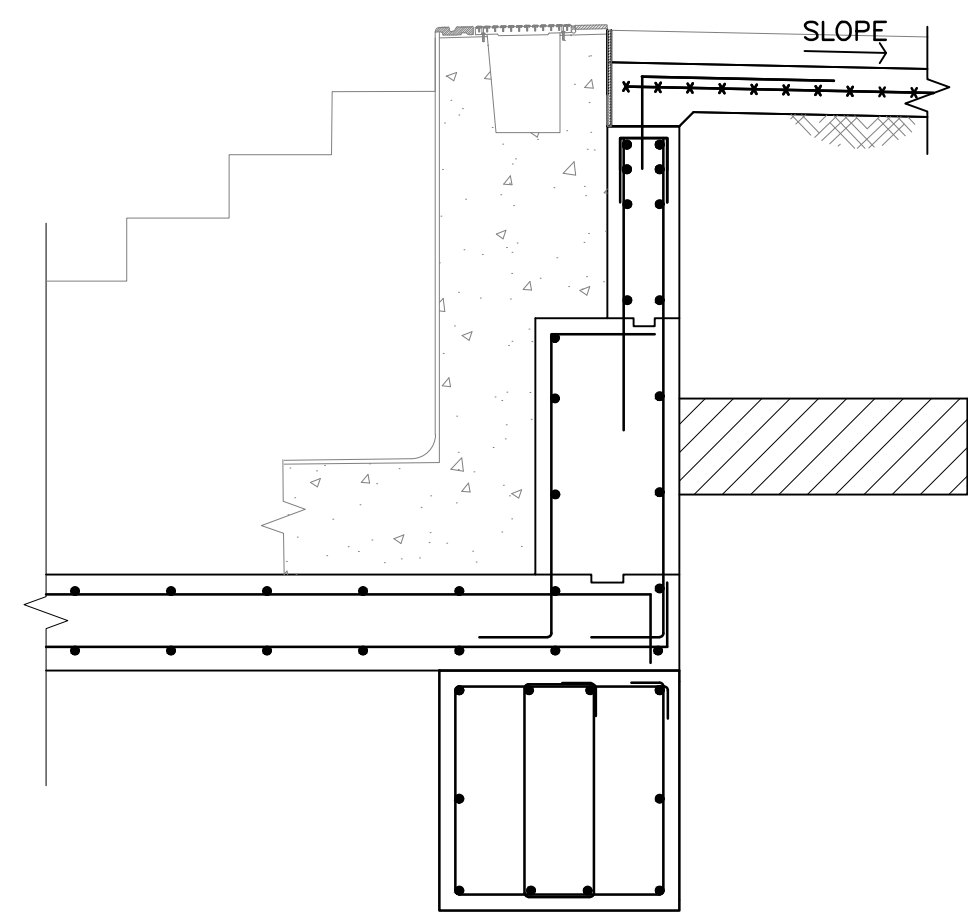
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SECTION
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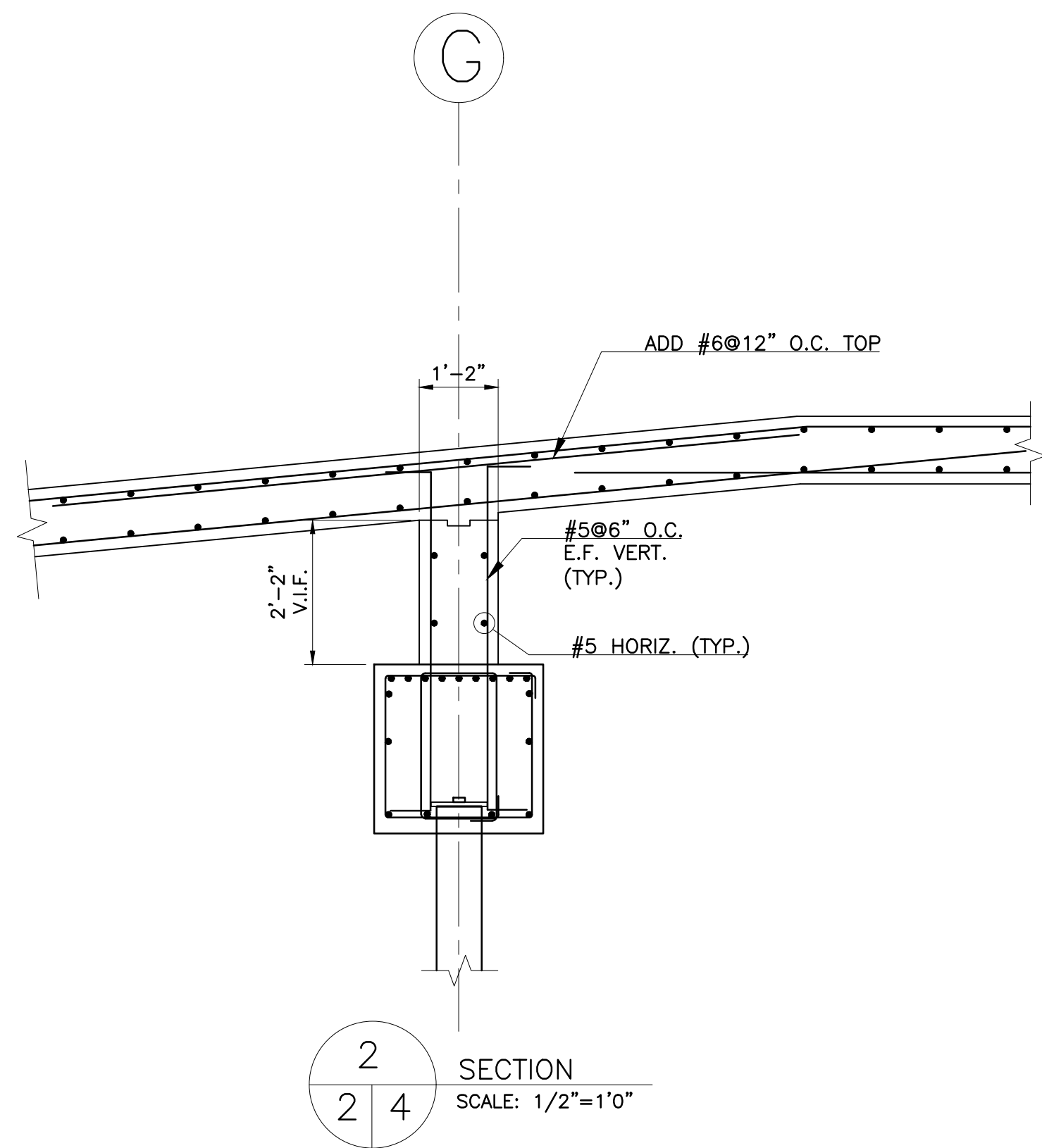
4
2 4
SECTION
SCALE: 1/2"=1'0"



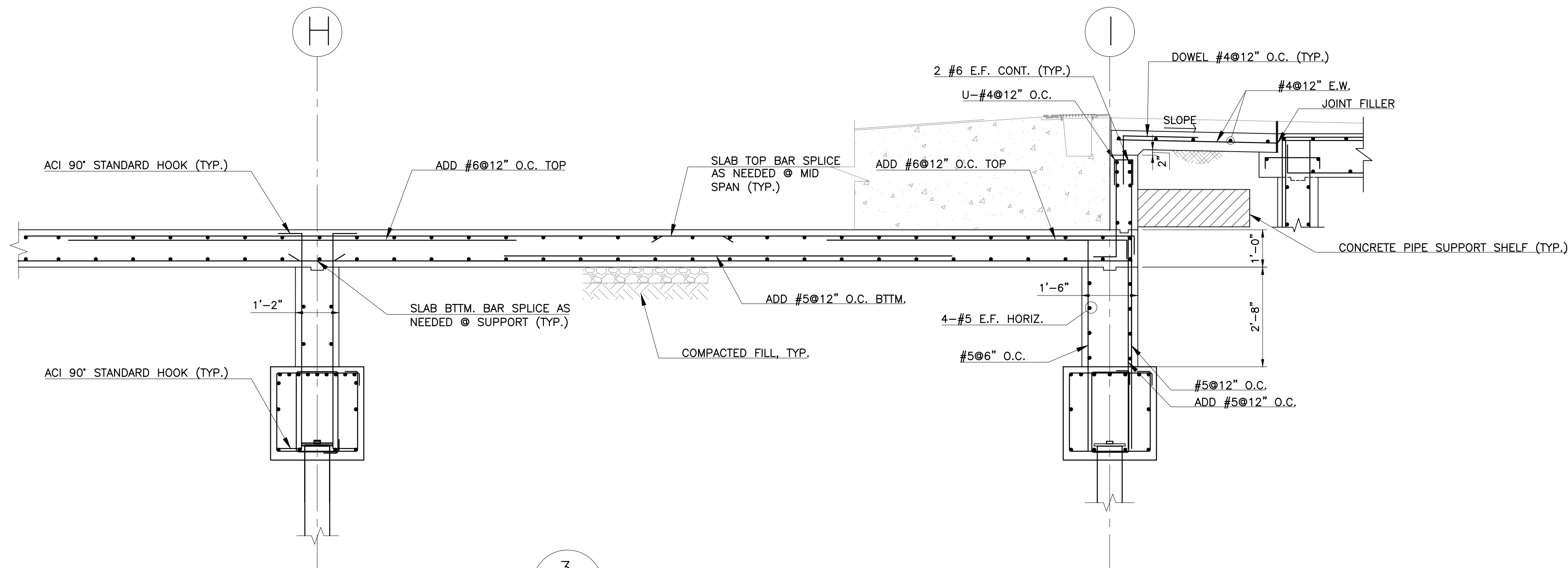
5
2 4
SECTION
SCALE: 1/2"=1'0"



6
2 4
SECTION
SCALE: 1/2"=1'0"



2
2 4
SECTION
SCALE: 1/2"=1'0"



3
2 4
SECTION
SCALE: 1/2"=1'0"

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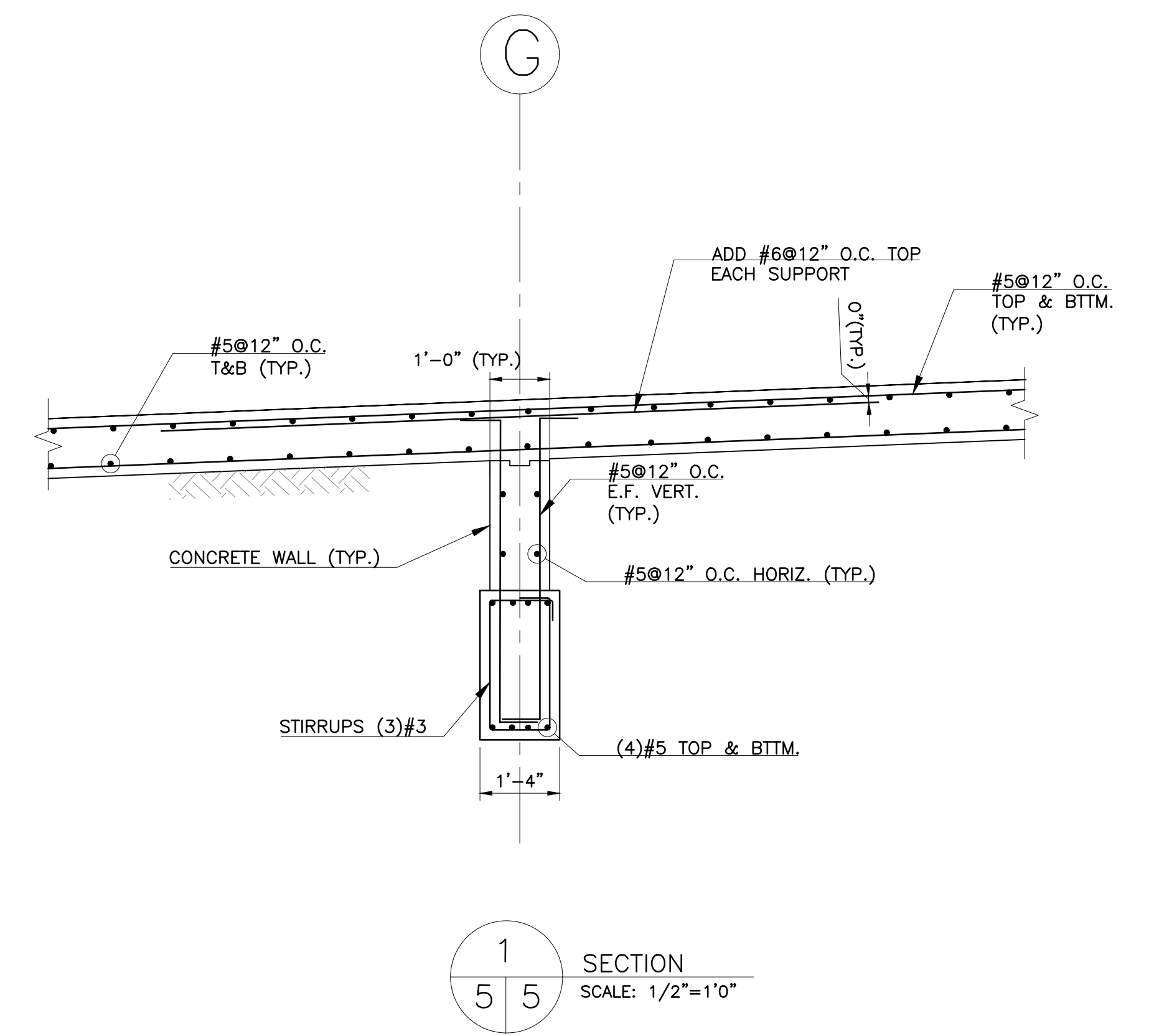
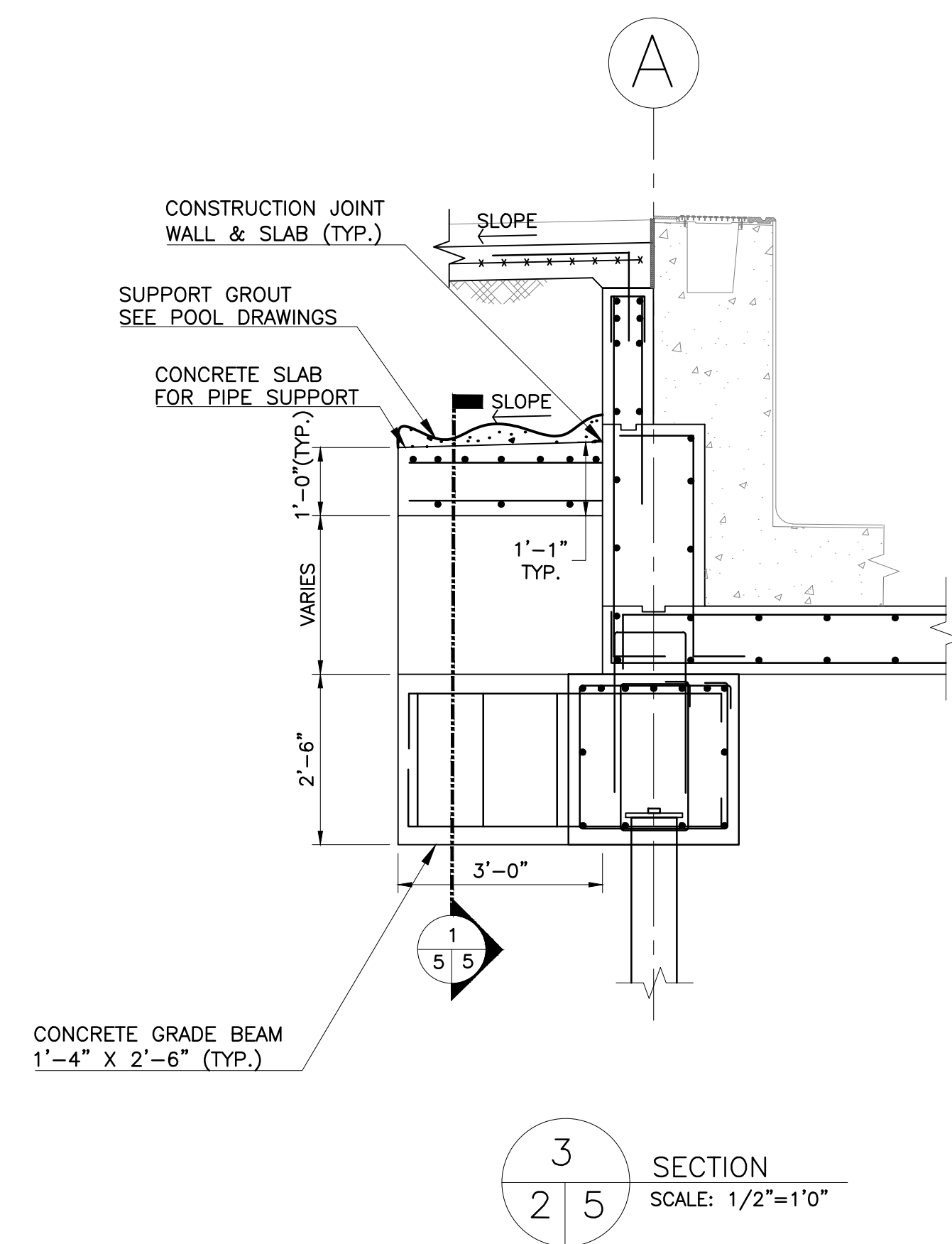
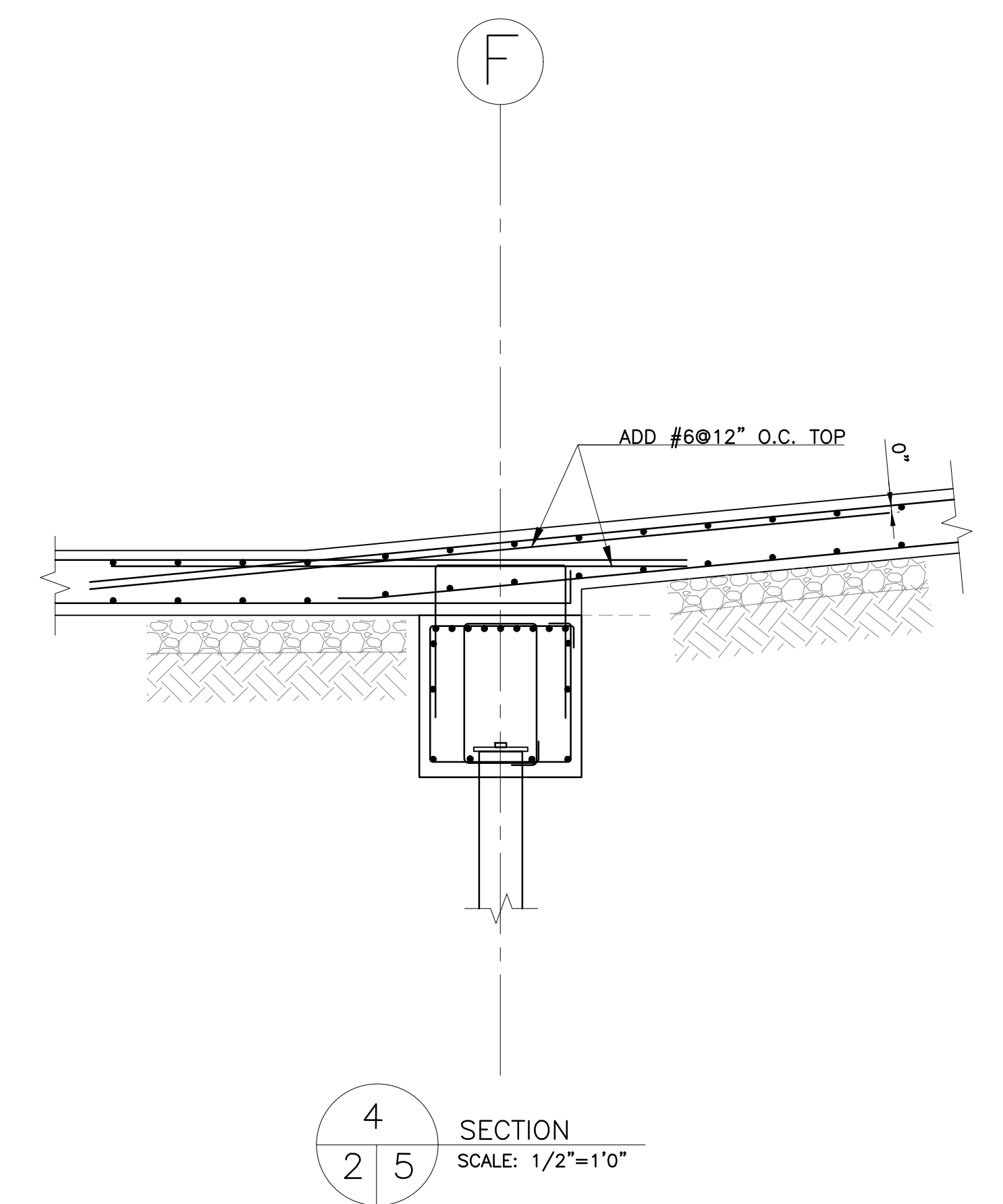


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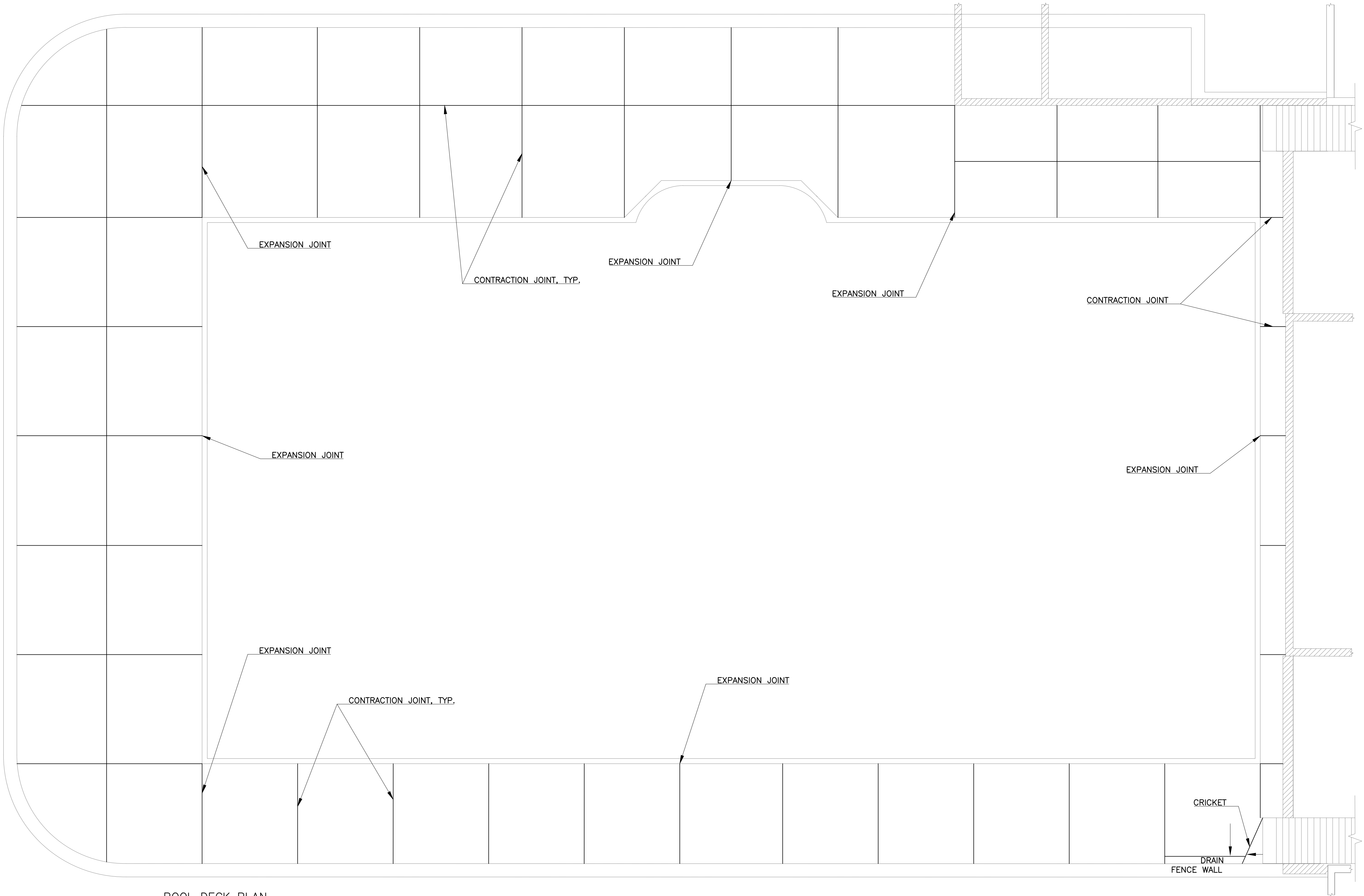
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

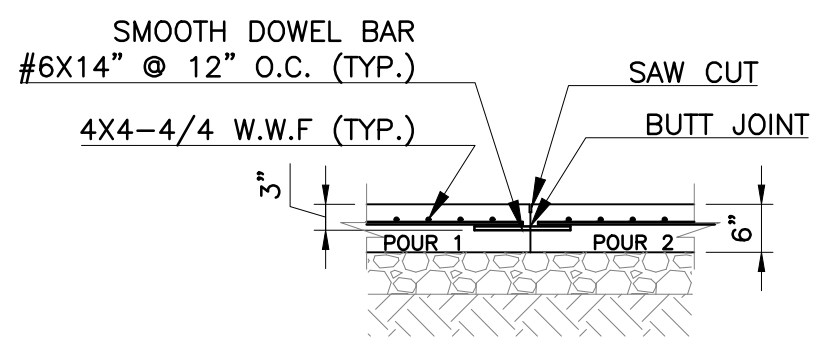
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REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK STRUCTURAL POOL FOUNDATION SECTIONS NO. 1		SHEET NO. 62 OF 201	SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-S-419
		REV. NO. 0	



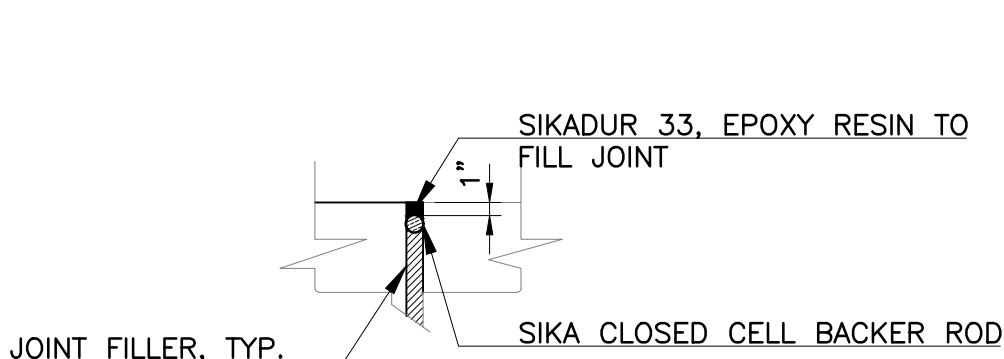
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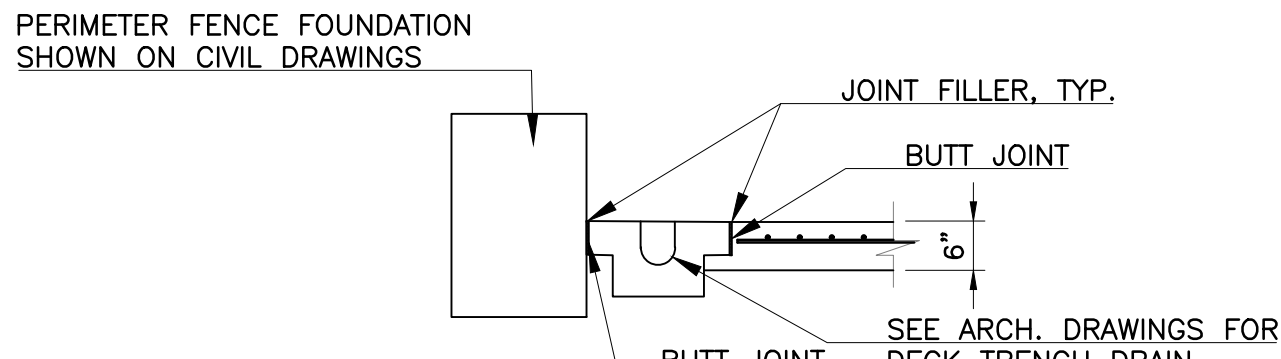
POOL DECK PLAN
SCALE: 1/8"=1'0"



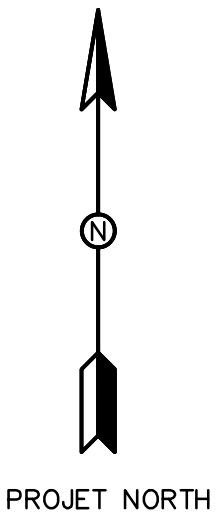
SLAB ON GRADE CONTRACTION JOINT DETAIL
N.T.S.



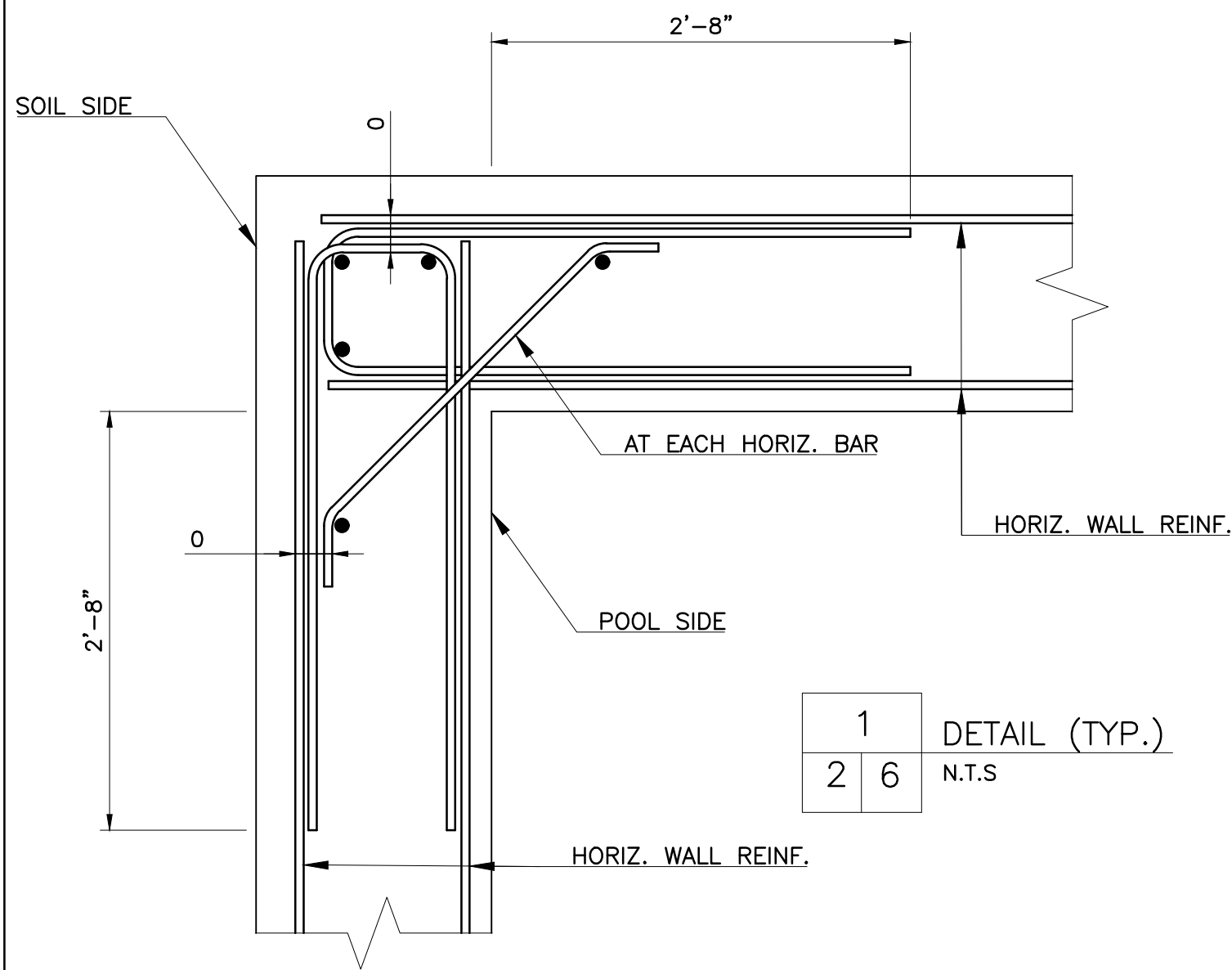
TYPICAL EXPANSION JOINT DETAIL
N.T.S.



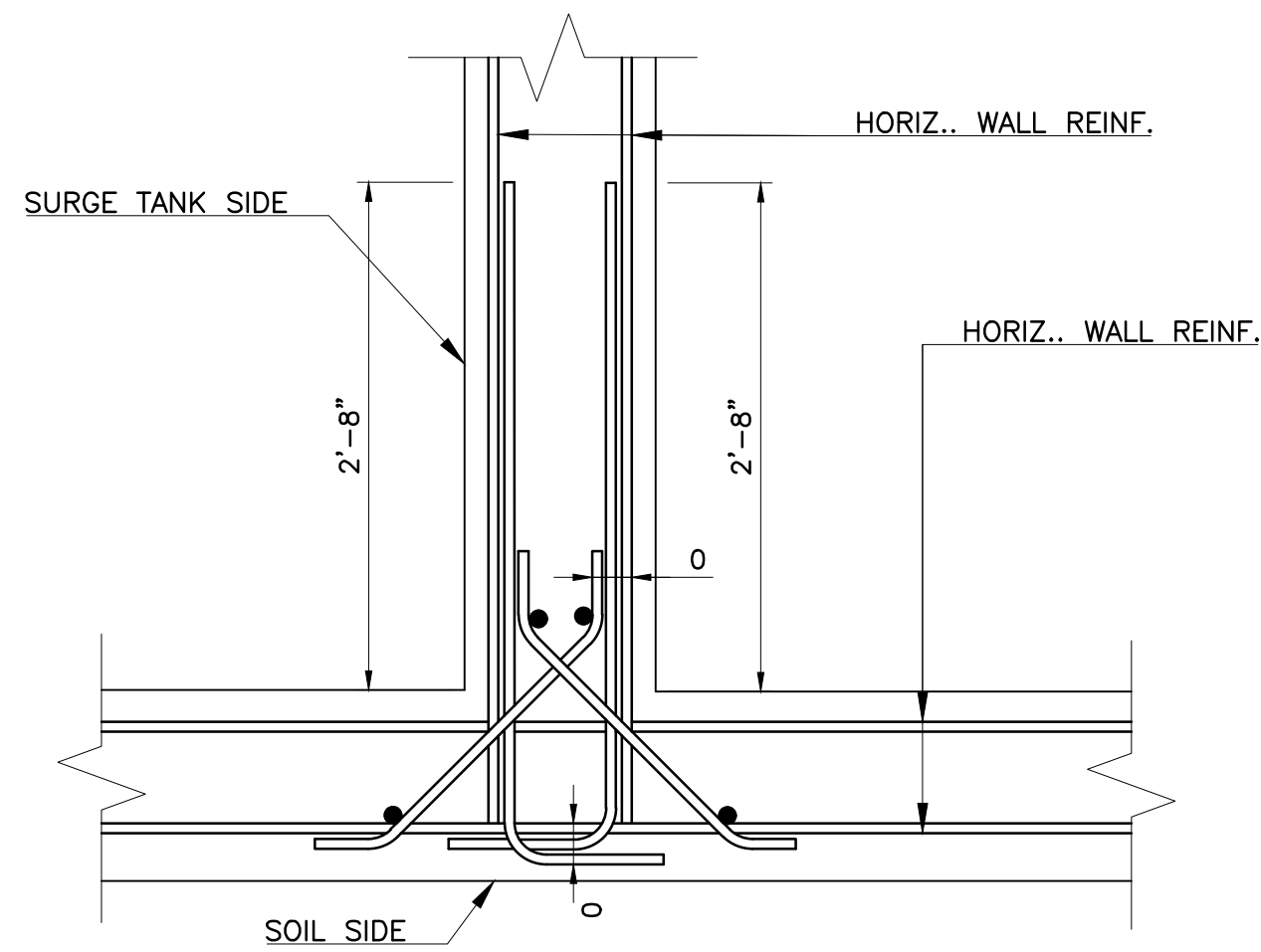
SLAB ON GRADE JOINT BORDER DETAIL
N.T.S.



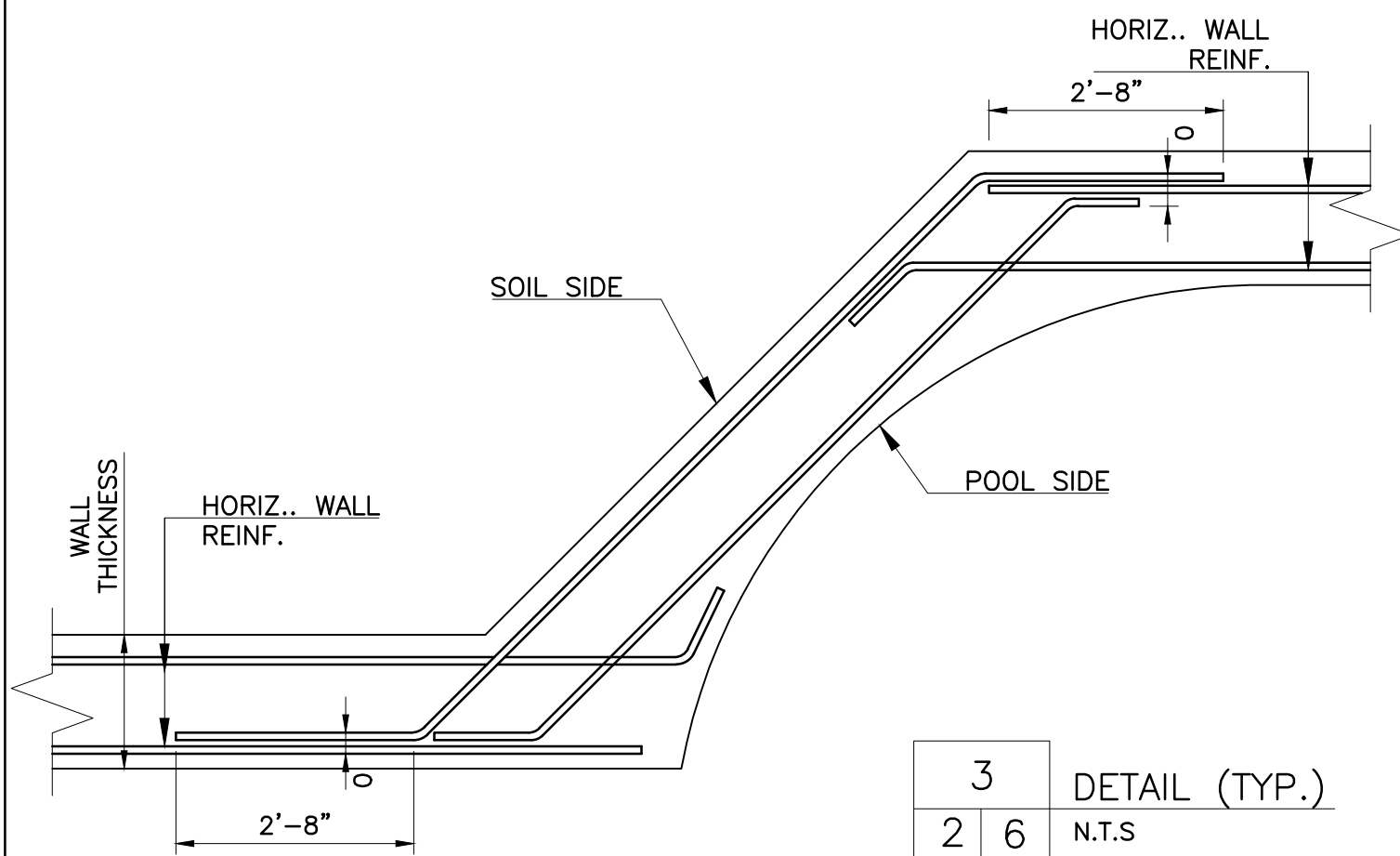
TYPICAL CORNER JOINT DETAILS (PLAN)



1
2 6
DETAIL (TYP.)
N.T.S.



2
2 6
DETAIL (TYP.)
N.T.S.



3
2 6
DETAIL (TYP.)
N.T.S.

CHARLES A. MANGANARO
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SHAILESH R. NAIK, P.E.
NEW YORK LICENSE No. 072797-1

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CONTRACTOR

NAME _____
SIGNATURE _____
TITLE _____ DATE _____

PROJECT COORDINATOR

NAME _____
SIGNATURE _____
TITLE _____ DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION
DIVISION OF ENGINEERING

REHABILITATION OF POOL AND BATHHOUSE
PLAYLAND PARK, RYE, NEW YORK
STRUCTURAL
POOL DECK PLAN & DETAILS

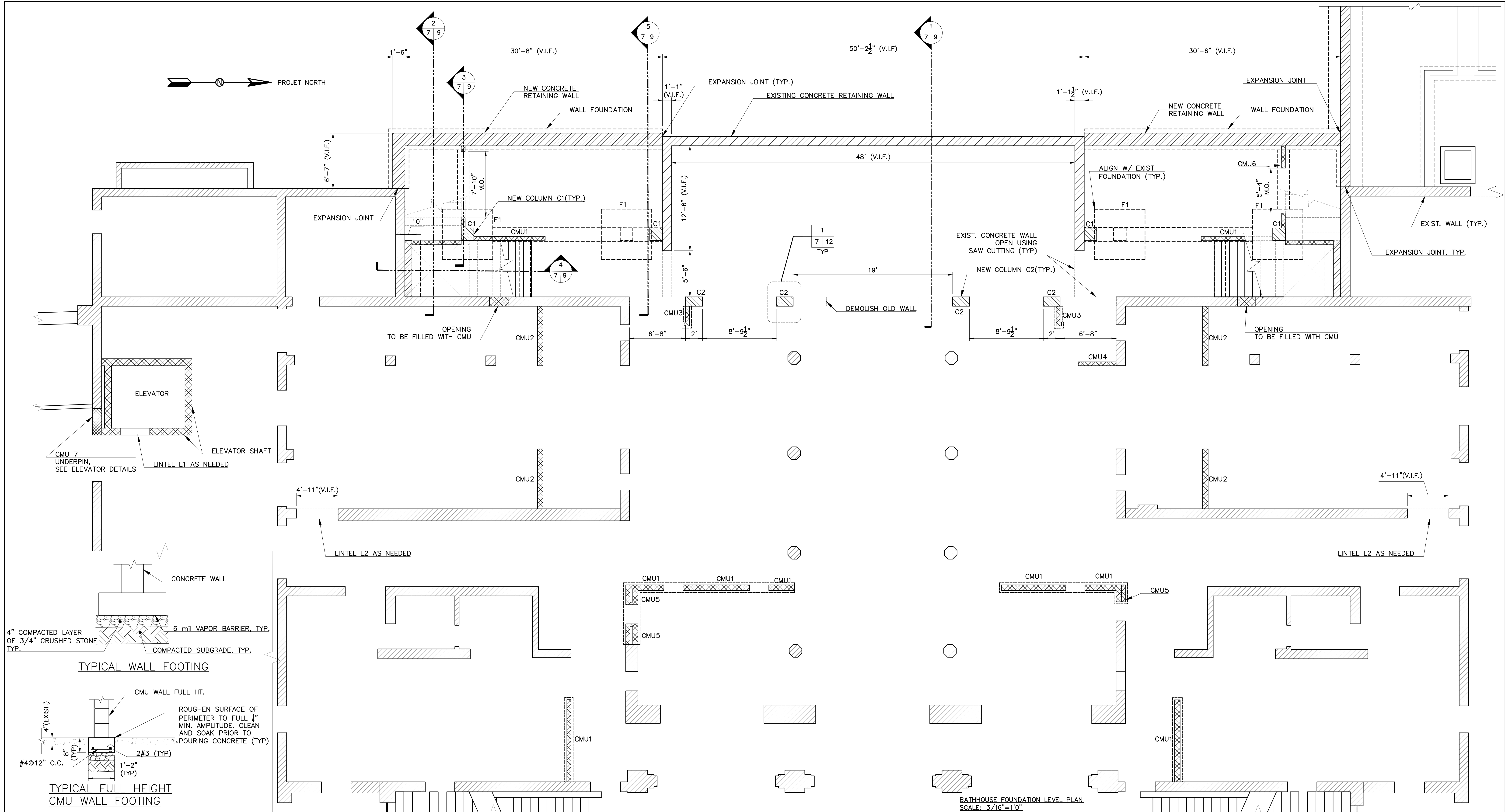
CONTRACT NUMBER
20-504

SHEET NUMBER
S-006

SHEET NO. **64** OF **201**

SCALE:
DATE: **NOVEMBER 10, 2020**
DPW FILE NO. **1-19-S-421**
REV. NO. **0**

N:\PROJECTS 1900 - 1999\1925 - Playland Pool\Final (Up-to-date Edits)



BATHHOUSE FOUNDATION LEVEL PLAN
SCALE: 3/16"=1'0"

LINTEL SCHEDULE	
LINTEL	DESCRIPTION
L1	4x3x1/2" LINTEL w/6x6x1/2" BRG PLATE EACH END
L2	12"x8" PRECAST U-LINELS, 4" MIN BEARING
L3	TRUE ARCH STEEL LINTEL 11" WIDE, 2.5" STEM
L4	6"x8" PRECAST U-LINTEL, 4" MIN BEARING

NOTE:
PROVIDE LINTEL ABOVE OPENINGS ON CMU WALLS

STRUCTURAL CMU WALL SCHEDULE (UON.)				
WALL	WALL SIZE	VERTICAL REINF.	HORIZONTAL REINF.	REMARKS
ELEVATOR SHAFT	10" CMU	#5 @ 16" O.C. PROVIDE DOWELS @ FOUNDATION WALL	120 TRUSS-MESH REINF @ 16" O.C.	GROUT REBAR CELL
CMU1	8" CMU	N/A	N/A	FULL HT.
CMU2	8" CMU	N/A	N/A	8' HT.
CMU3	6" CMU	N/A	N/A	FULL HT.
CMU4	6" CMU	N/A	N/A	8' HT.
CMU5	8"+6" CMU	N/A	N/A	FULL HT.
CMU6	6" CMU	N/A	N/A	ALONG STAIR, FULL HT.
CMU7	13" CMU	N/A	N/A	FULL HT.(MATCH WALL THK.)

NOTE:
M.O. = MASONRY OPENING

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SHAILESH R. NAIK, P.E.
NEW YORK LICENSE No. 072797-1



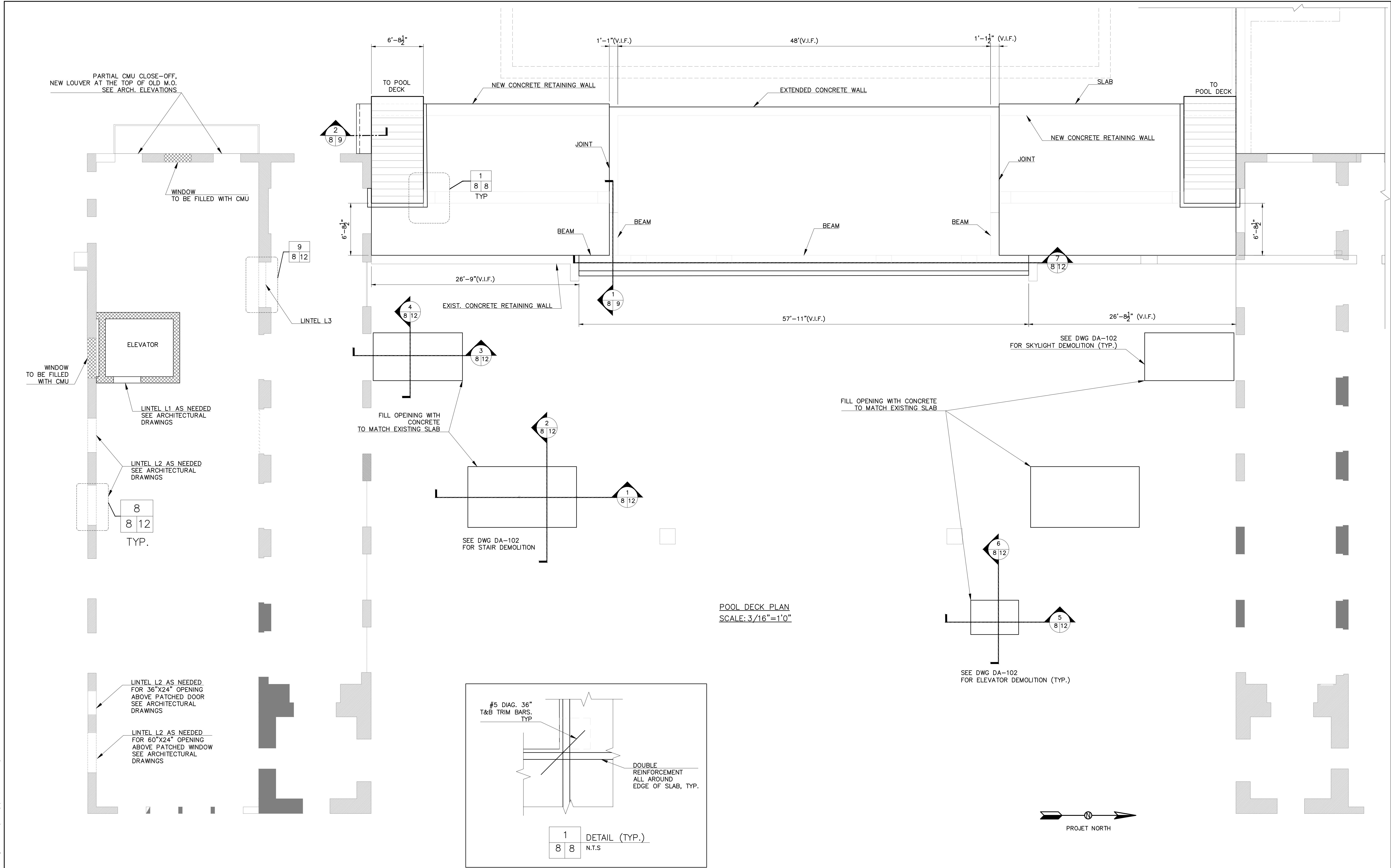
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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

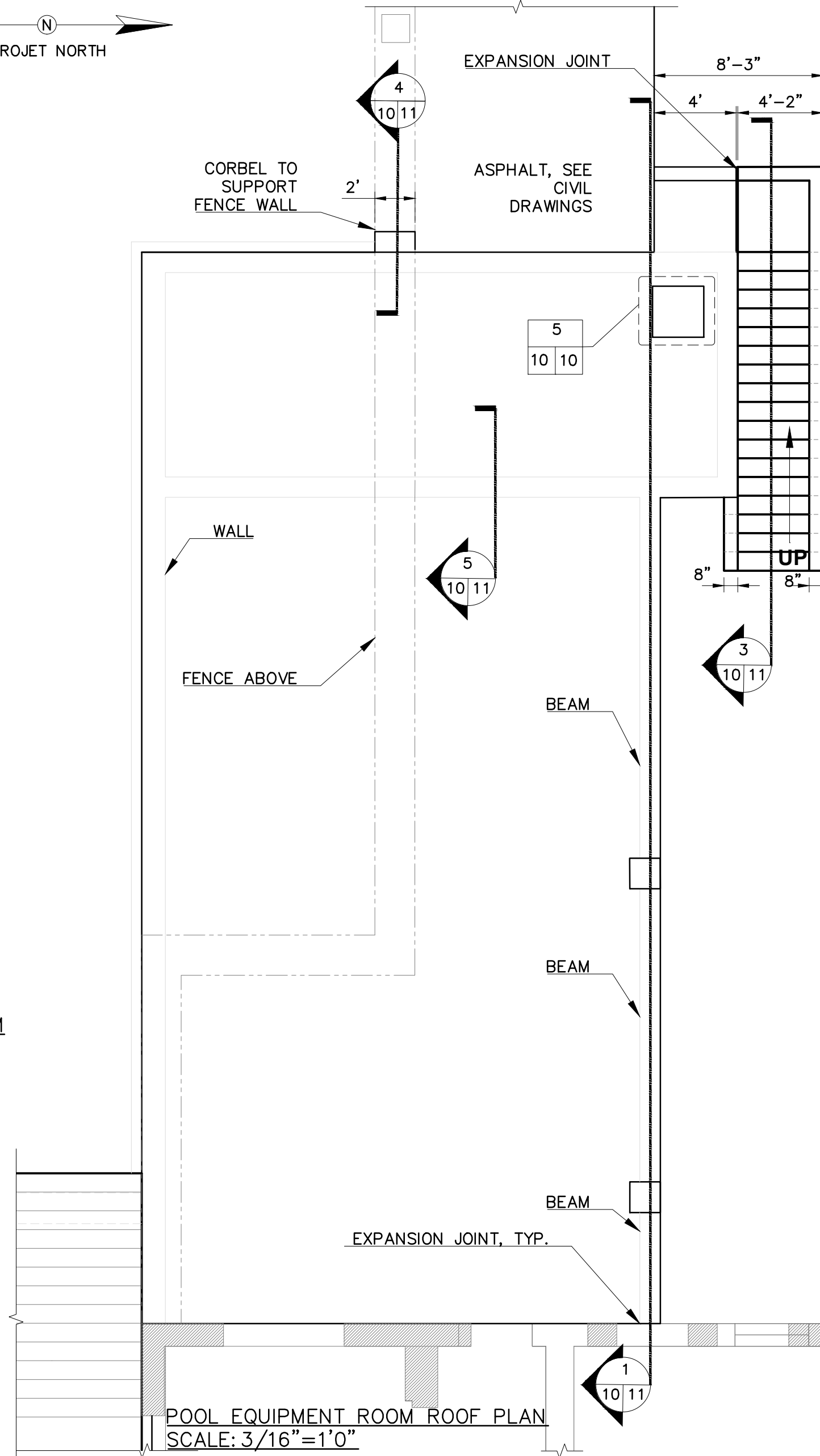
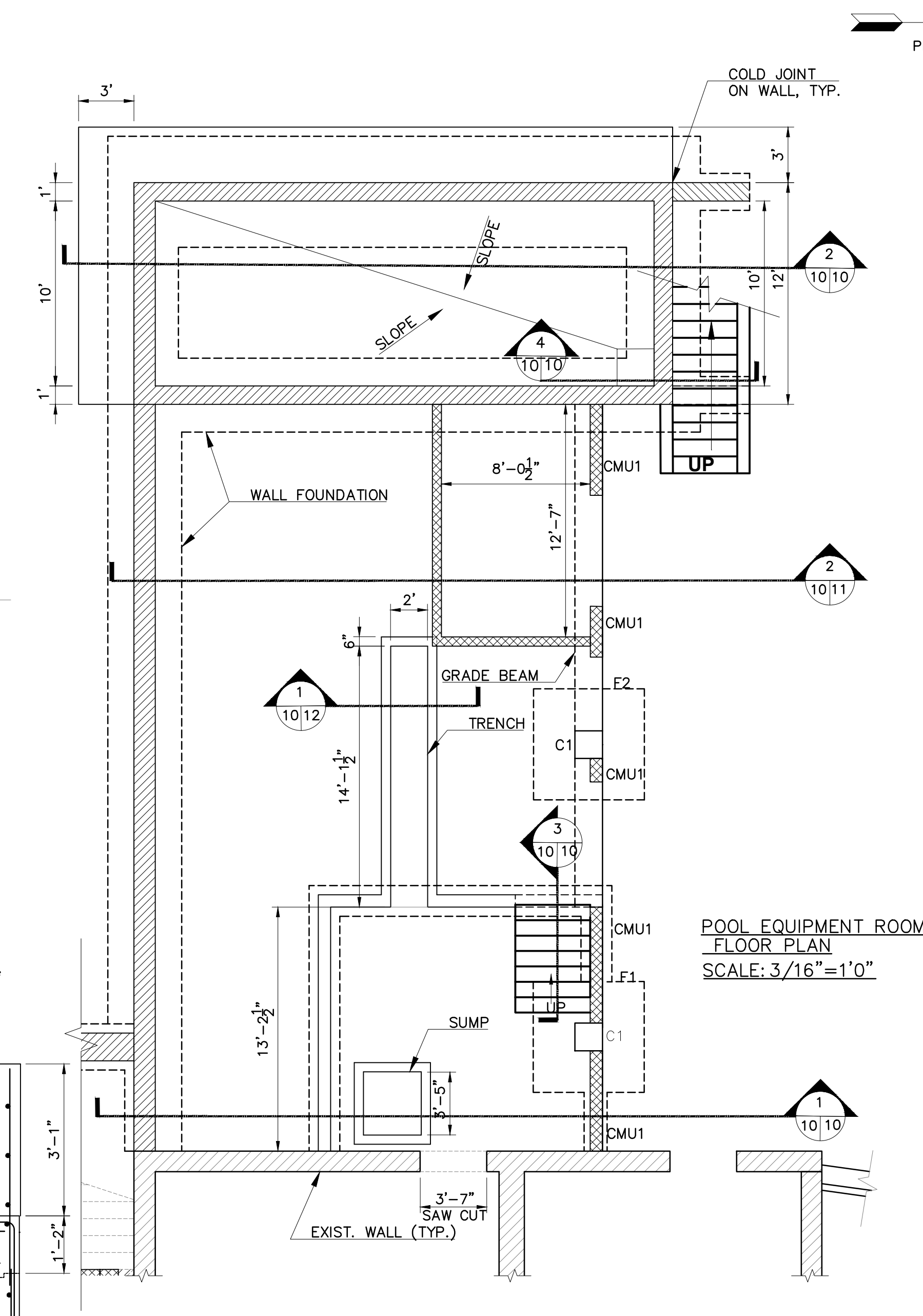
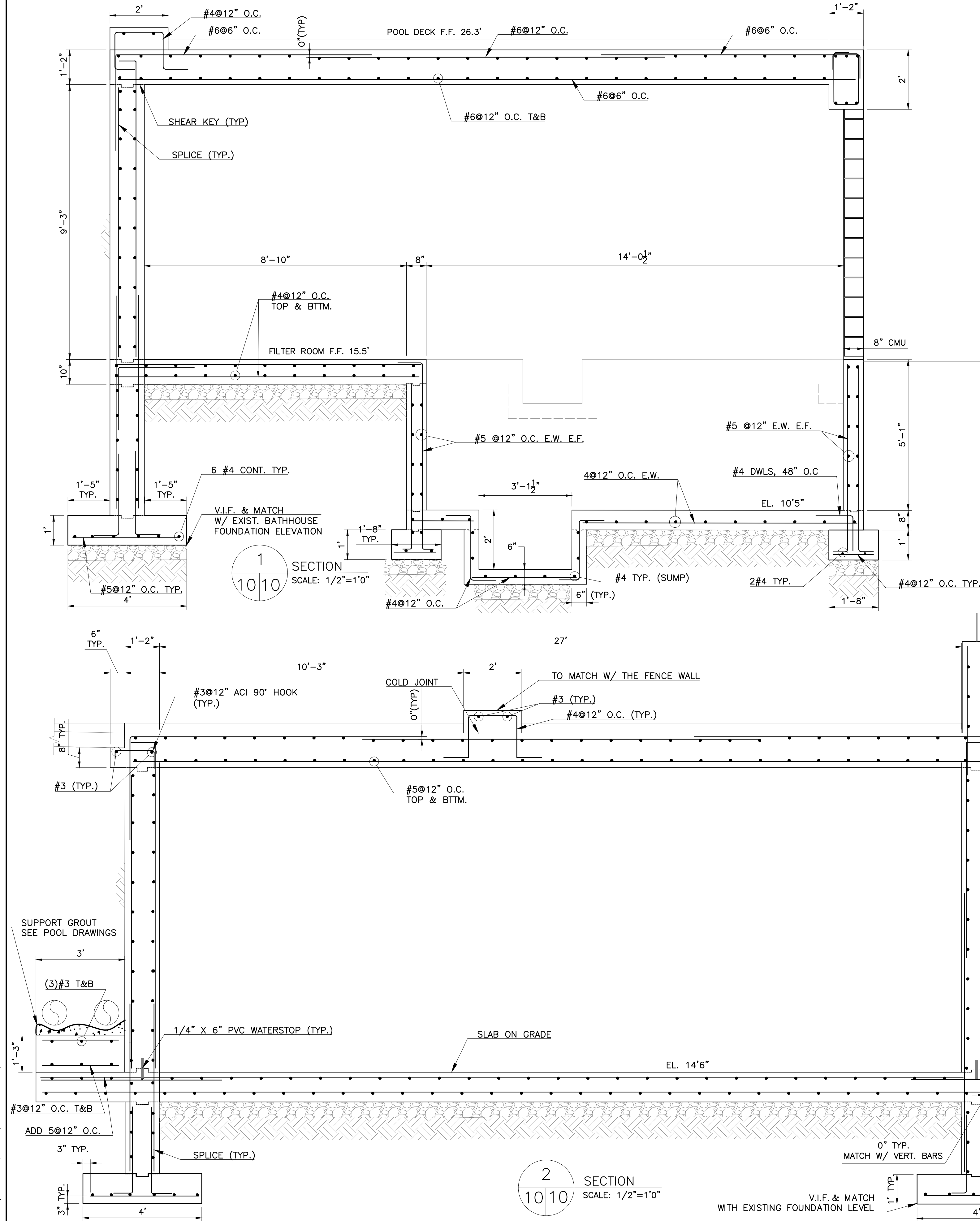
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER S-007
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK STRUCTURAL		SHEET NO. 65 OF 201	SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. REV. NO. 0
BATHHOUSE FOUNDATION LEVEL PLAN/CMU WALL SCHEDULE		1-19-S-422	

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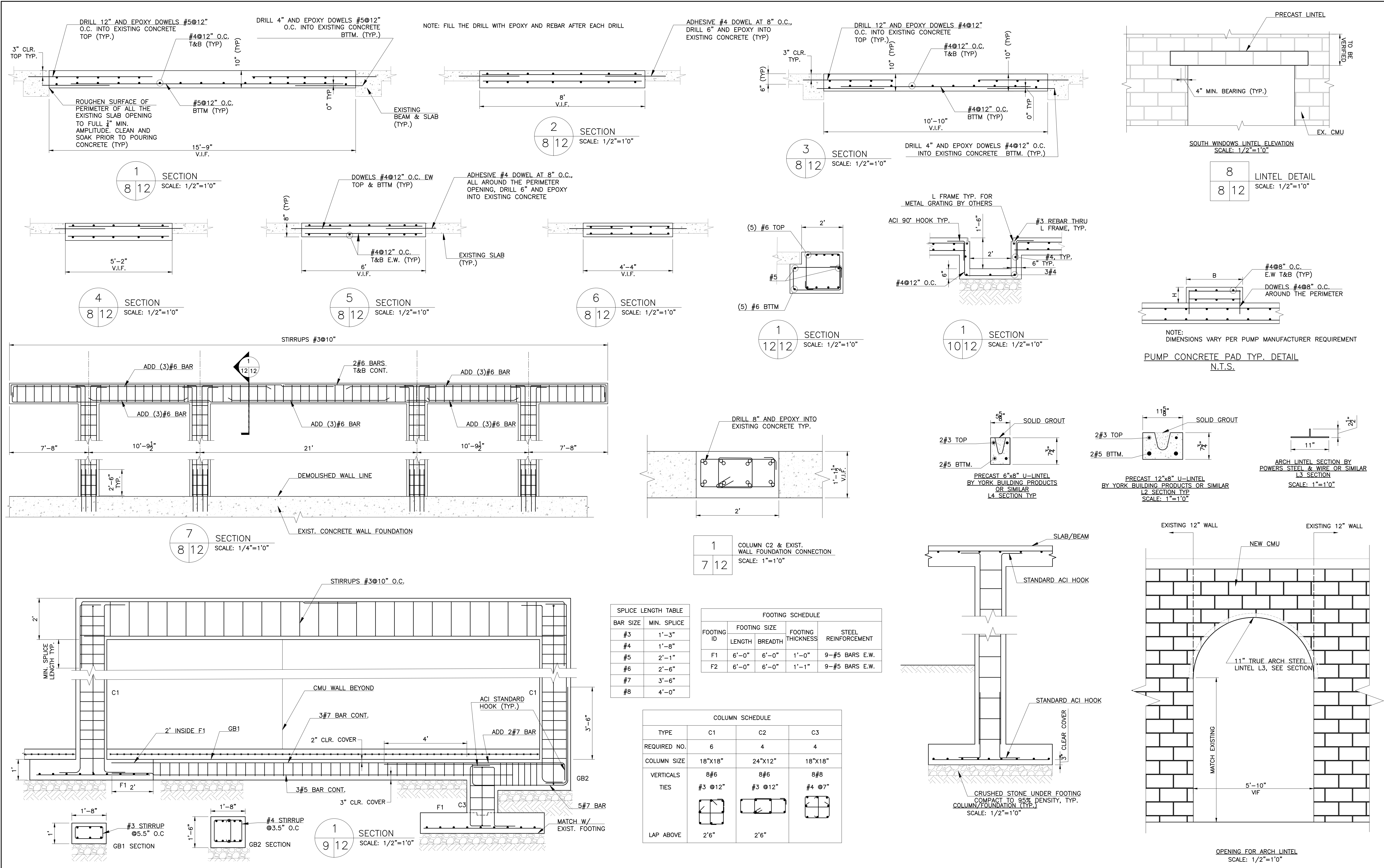


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								☐ AS BUILT - CHANGES AS NOTED			DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION		20-504	S-008	
								☐ AS BUILT - NO CHANGES			DIVISION OF ENGINEERING				
		IN CHARGE OF SN						CONTRACTOR		PROJECT COORDINATOR		REHABILITATION OF POOL AND BATHHOUSE		SHEET NO. 66 OF 201	
		CHECKED BY MR						NAME _____		NAME _____		PLAYLAND PARK, RYE, NEW YORK		SCALE: DATE: NOVEMBER 10, 2020	
MADE BY MU		REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	SIGNATURE _____	SIGNATURE _____	STRUCTURAL		DPW FILE NO.		1-19-S-423	REV. NO. 0	
							TITLE _____ DATE _____	TITLE _____ DATE _____	POOL DECK PLAN						

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TITLE _____ DATE _____

PROJECT COORDINATOR
NAME _____
SIGNATURE _____
TITLE _____ DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION
DIVISION OF ENGINEERING

REHABILITATION OF POOL AND BATHHOUSE
PLAYLAND PARK, RYE, NEW YORK
STRUCTURAL POOL DECK LEVEL SECTION DETAILS,
BATHHOUSE COLUMN & FOUNDATION, & SCHEDULES

CONTRACT NUMBER
20-504

SHEET NUMBER
S-012

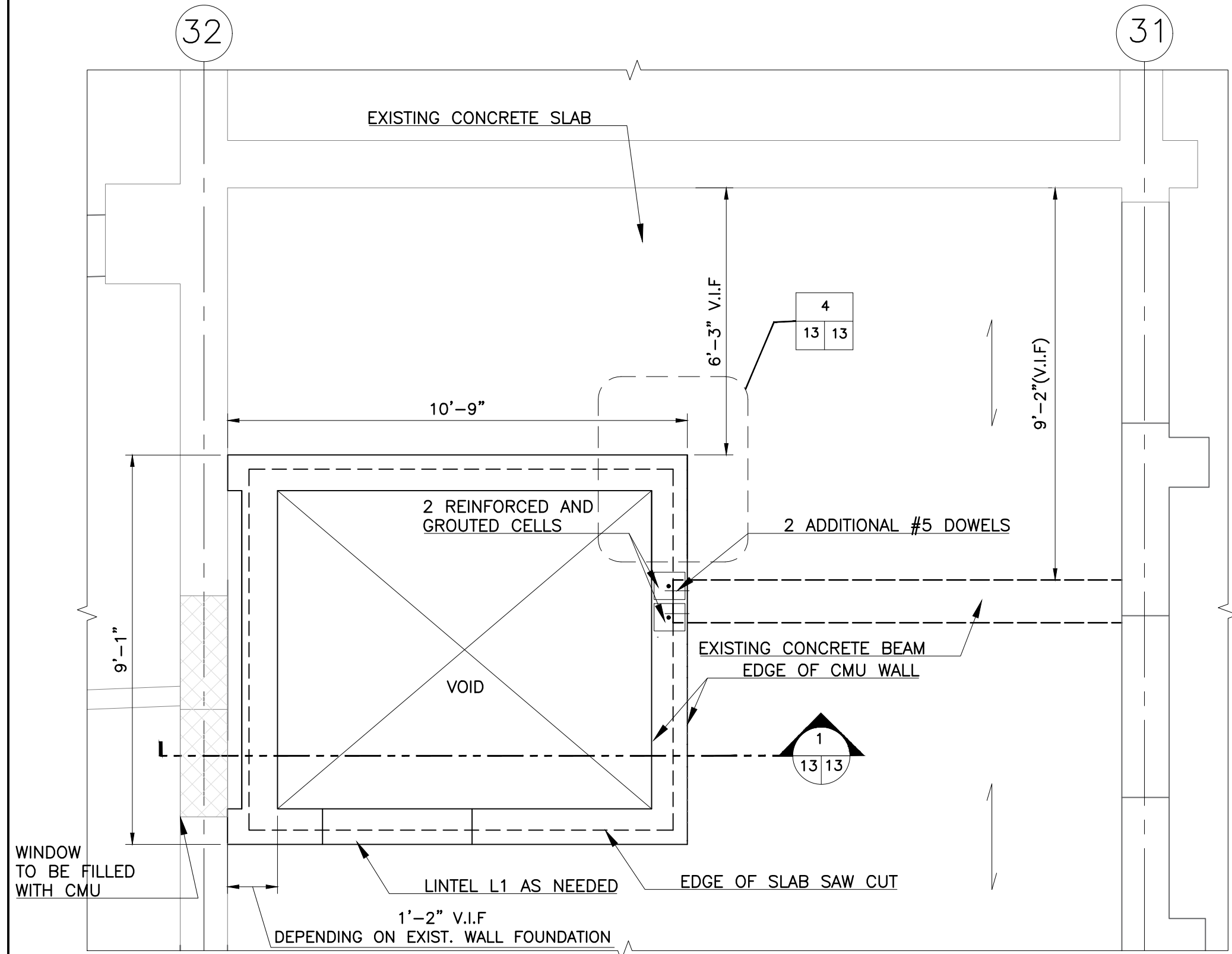
SHEET NO. **70** OF **201**

SCALE:
DATE: **NOVEMBER 10, 2020**
DPW FILE NO.
1-19-S-427

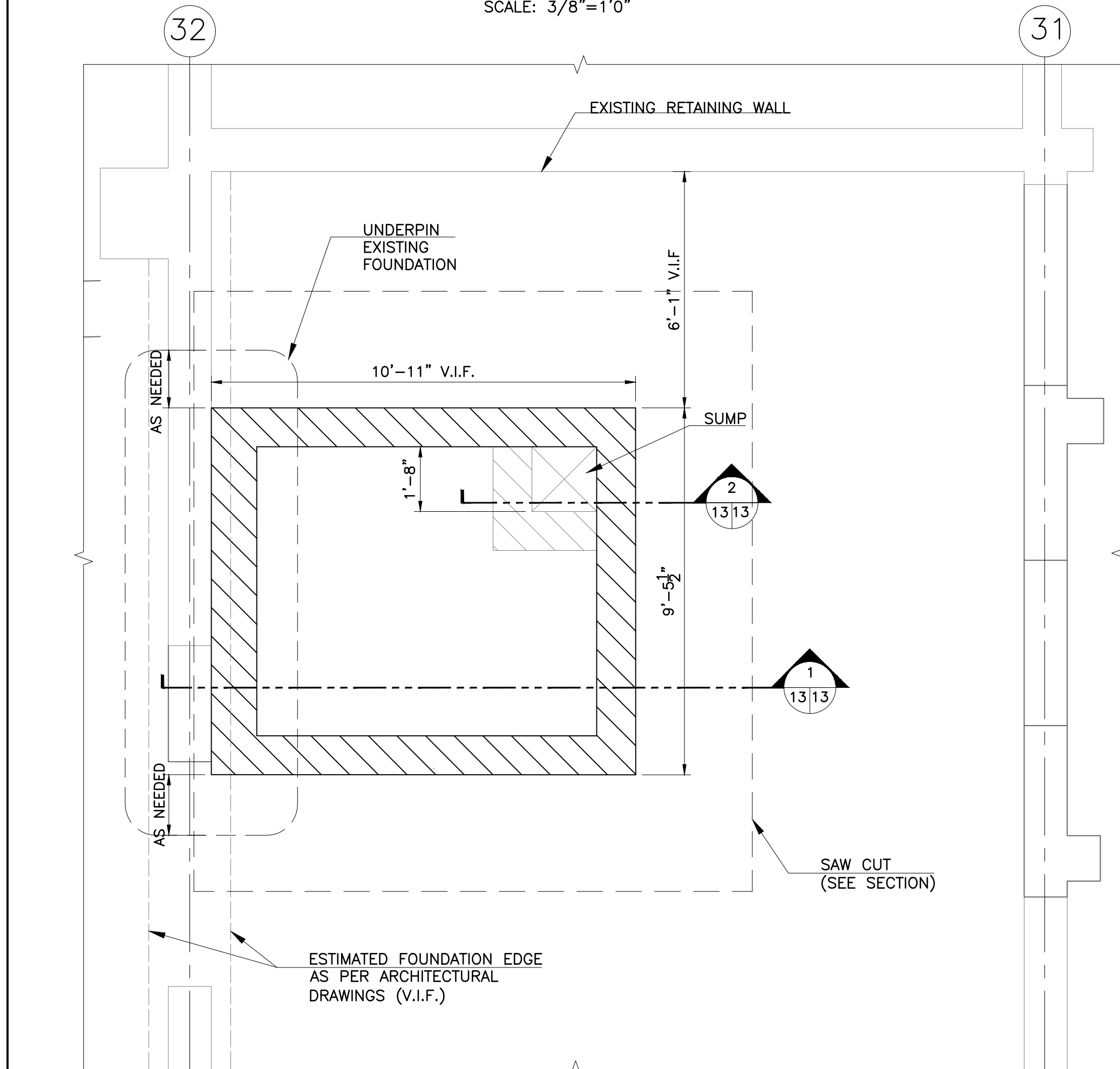
REV. NO.
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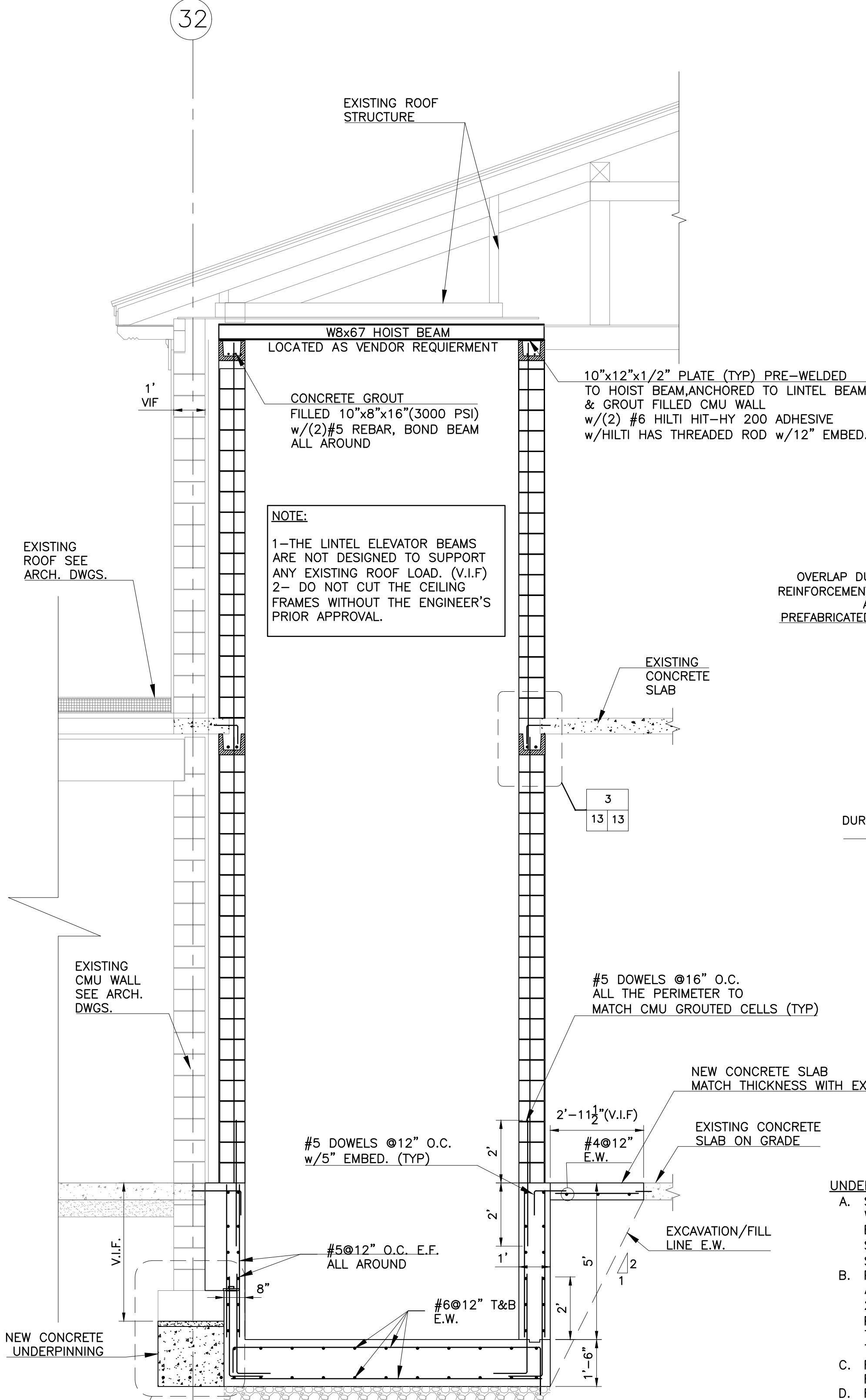
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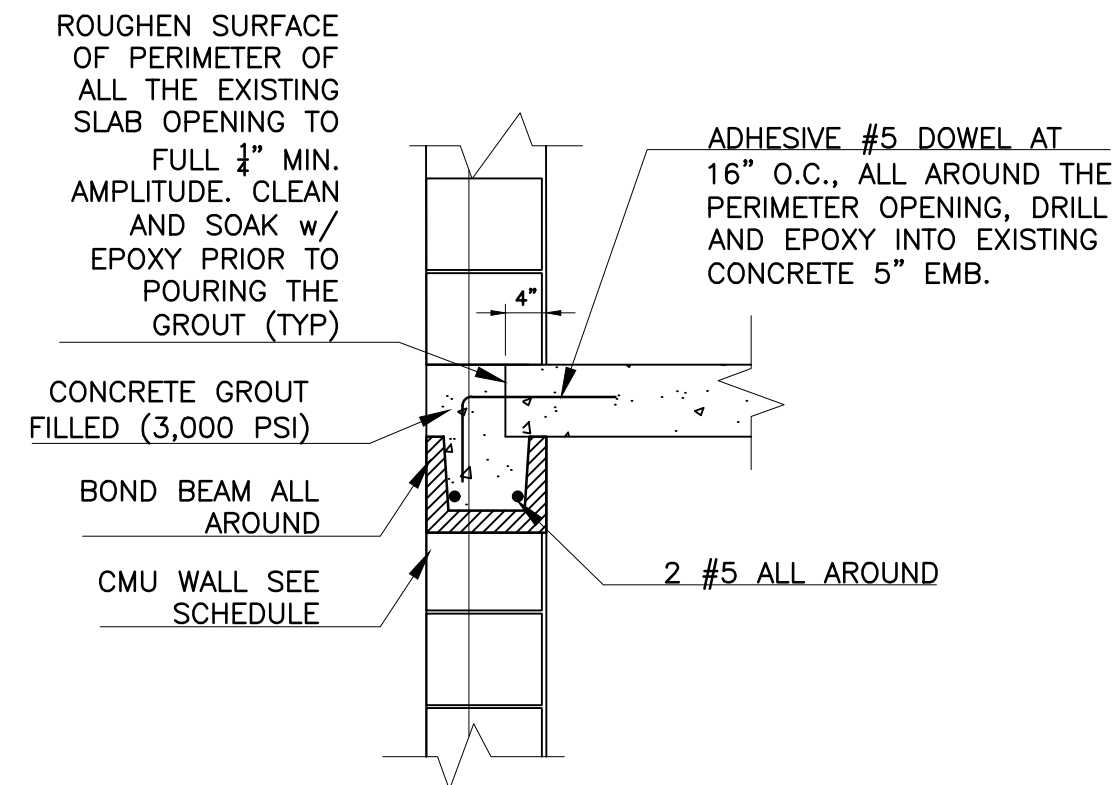
FIRST FLOOR PLAN
SCALE: 3/8"=1'0"



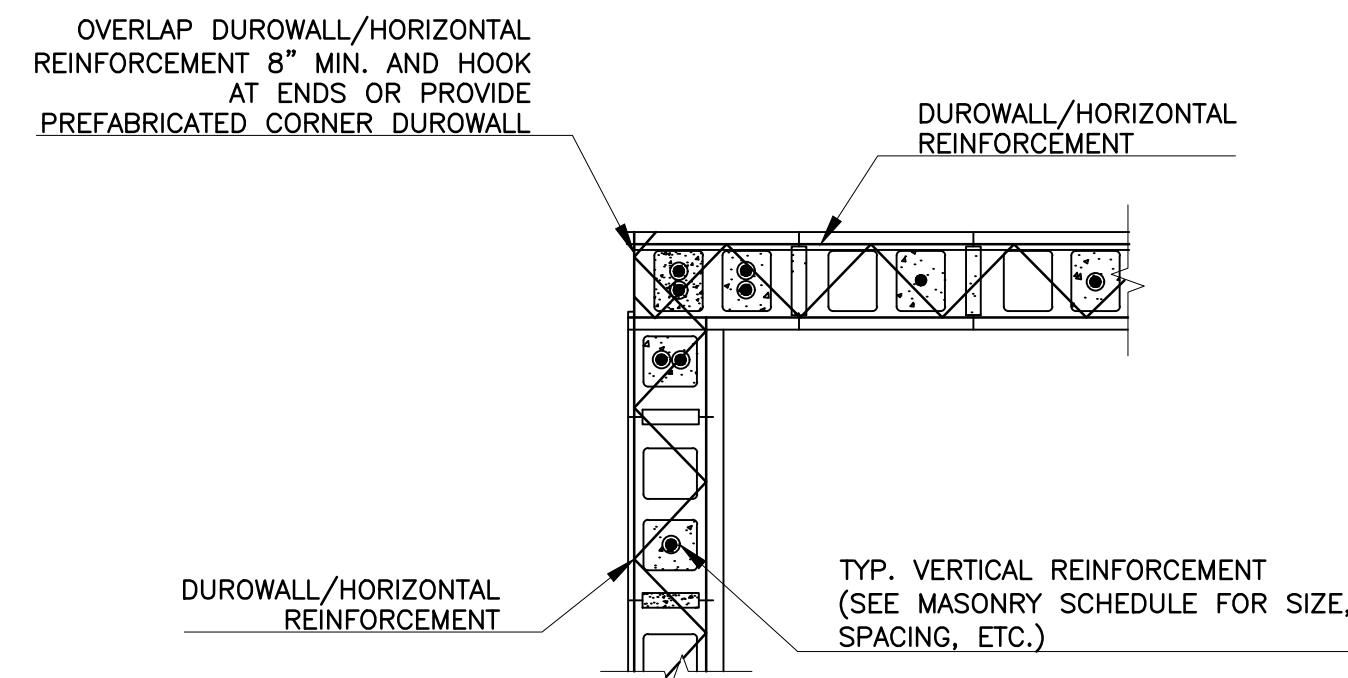
FOUNDATION PLAN
SCALE: 3/8"=1'0"



1
13/13
SECTION
SCALE: 3/8"=1'0"



3
13/13
SECTION (TYP.)
SCALE: 3/4"=1'0"



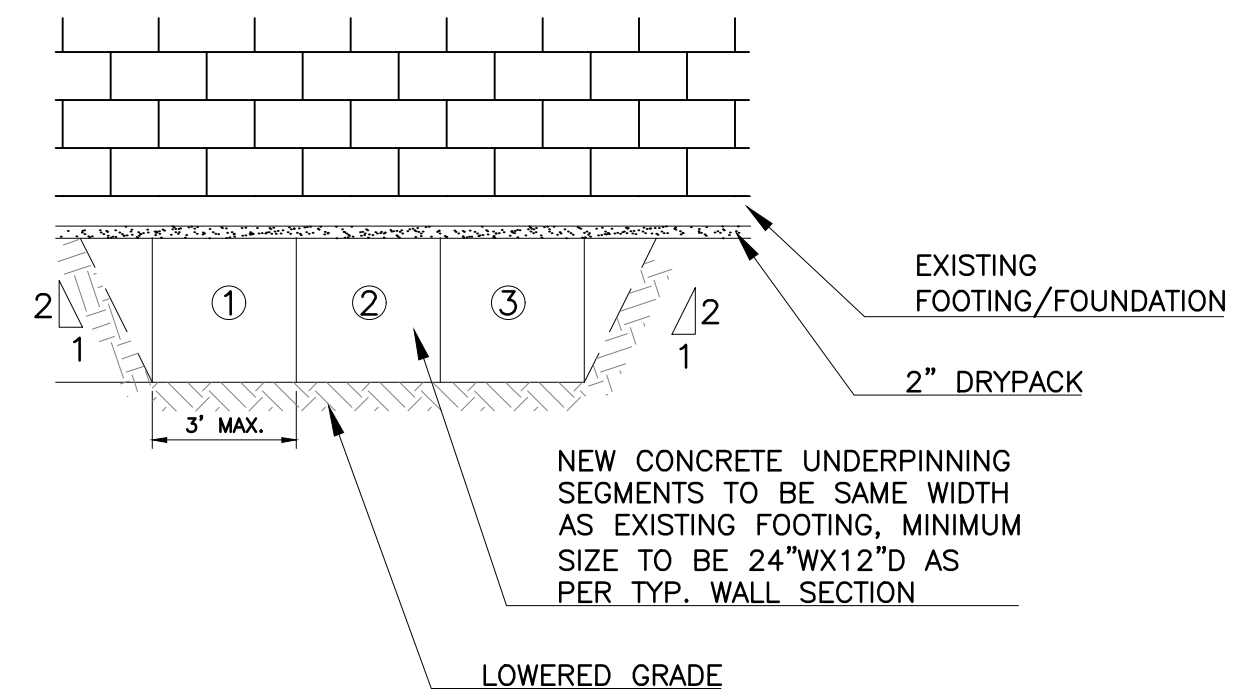
4
13/13
TYPICAL STRUCTURAL WALL
CORNER DETAIL
N.T.S.

UNDERPINNING SEQUENCE:

- STARTING WITH SEGMENTS ① ONLY, DIG PITS 3' WIDE MAX. WHILE SIMULTANEOUSLY PLACING REQUIRED SHEETING AND BRACING. PACK VOIDS BETWEEN SHEETING AND SOIL WITH SOIL CEMENT. (LEAVE A MINIMUM OF 6'-0" OF EXISTING SOIL BETWEEN PITS)
- POUR NEW CONCRETE UNDERPINNING FOR SEGMENTS ①. AFTER CONCRETE ATTAINS 75% OF DESIGN STRENGTH, PACK 2" OF DRY PACK (MIXTURE OF ONE PART CEMENT TO TWO PARTS DAMP SAND WITH 0" SLUMP) IN SPACE BETWEEN TOP OF UNDERPINNING AND BOTTOM OF EXISTING FOOTING, TO TRANSFER LOAD.
- FOR SEGMENTS ②, ONLY DIG PITS 3'-0" WIDE MAX. WITH REQUIRED SHEETING AND BRACING.
- FOR SEGMENTS ②, REPEAT CONCRETING AND DRY PACKING AS DESCRIBED IN STEP B.
- FOR SEGMENTS ③, DIG OUT SOIL BETWEEN COMPLETED SEGMENTS ① AND ②. PROVIDE SHEETING AND BRACING AS REQUIRED.
- FOR SEGMENTS ③, REPEAT CONCRETING AND DRYPACKING AS DESCRIBED IN STEP B.

NOTES:

- SUBGRADE TO BE INSPECTED BY A LICENSED ENGINEER TO VERIFY BEARING CAPACITY.



5
13/13
TYPICAL ELEVATION
N.T.S.

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SHAILESH R. NAIK, P.E.
NEW YORK LICENSE No. 072797-1

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CONTRACTOR

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SIGNATURE _____
TITLE _____ DATE _____

PROJECT COORDINATOR

NAME _____
SIGNATURE _____
TITLE _____ DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION
DIVISION OF ENGINEERING

REHABILITATION OF POOL AND BATHHOUSE
PLAYLAND PARK, RYE, NEW YORK
STRUCTURAL
ELEVATOR SHAFT PLAN, SECTIONS, & DETAILS

CONTRACT NUMBER
20-504

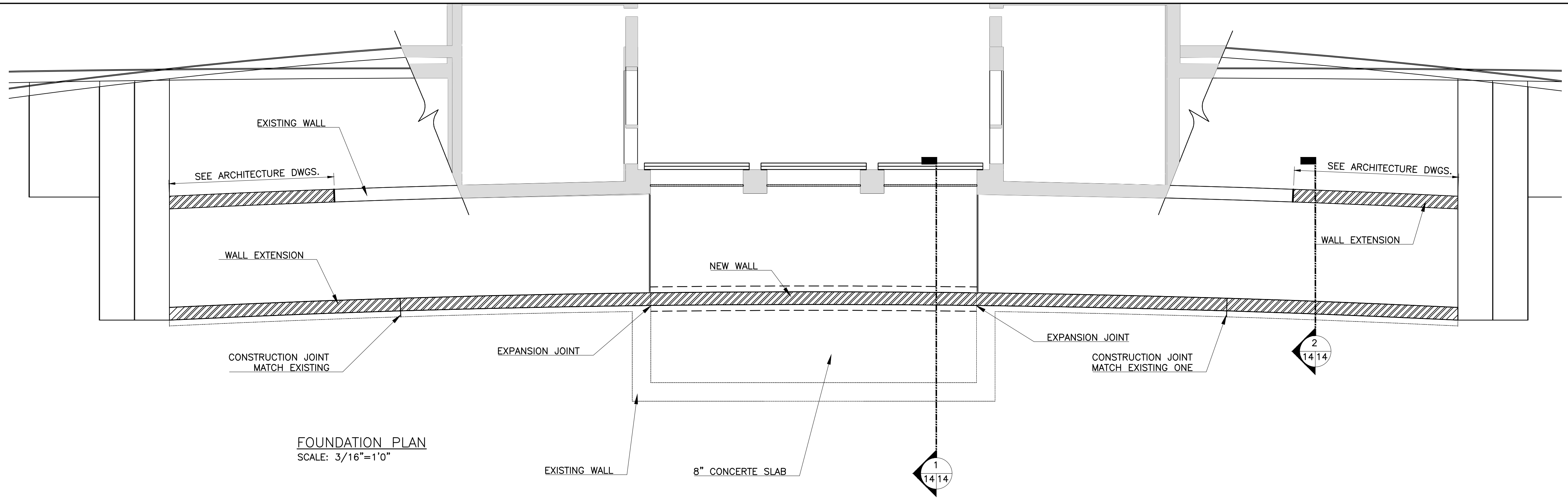
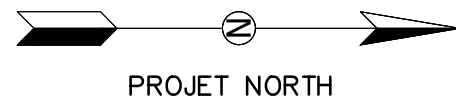
SHEET NUMBER
S-013

SHEET NO. **71** OF **201**

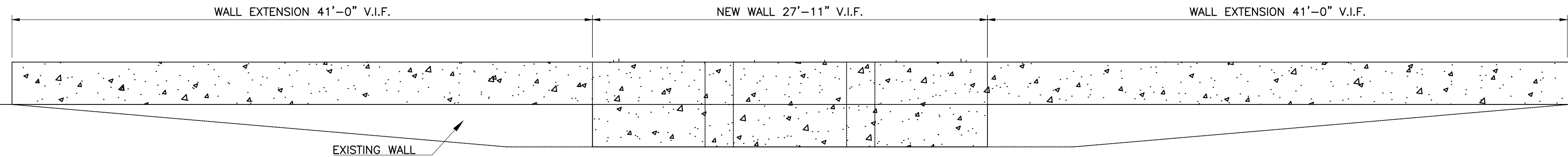
SCALE:
DATE: **NOVEMBER 10, 2020**
DPW FILE NO.

REV. NO. **0**

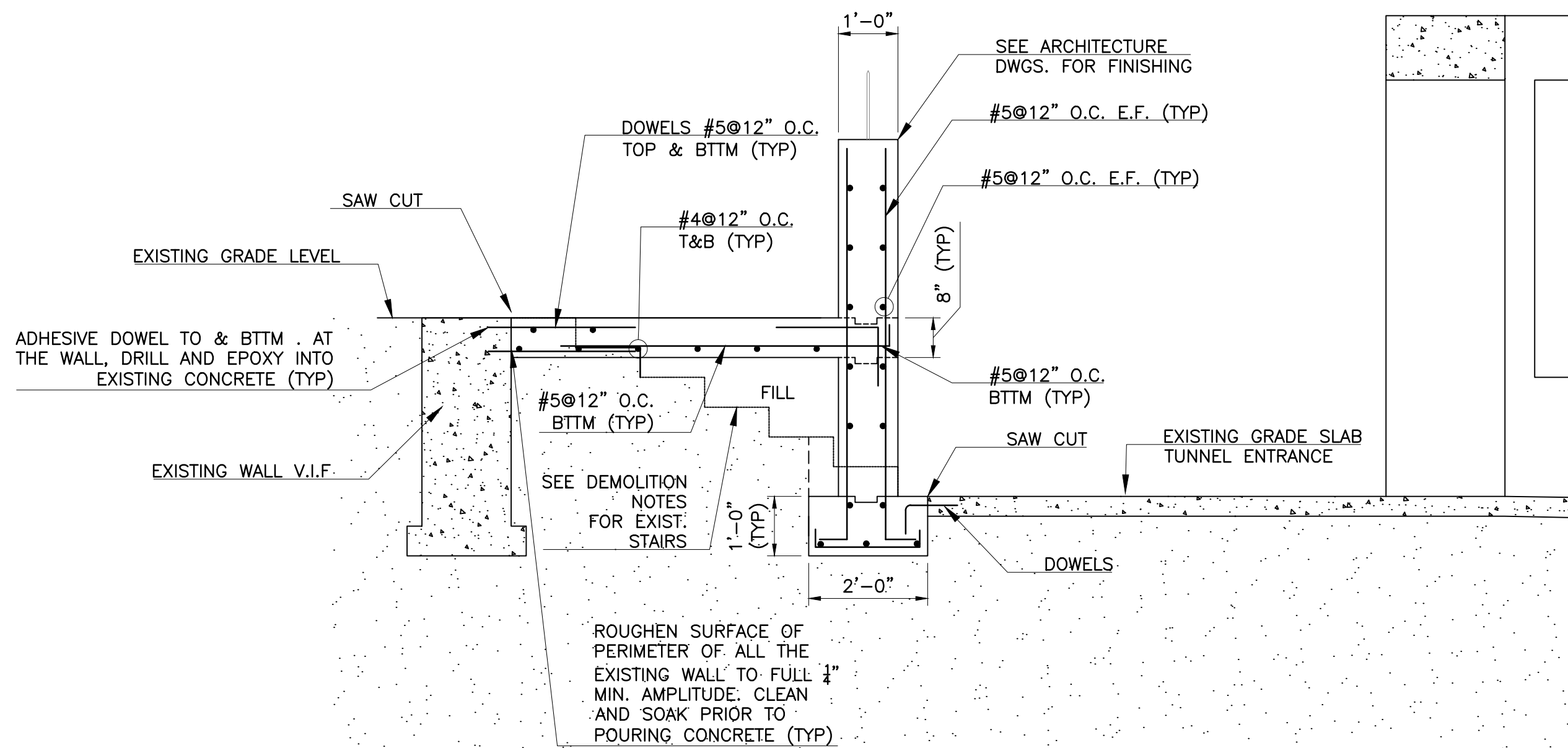
1-19-S-428



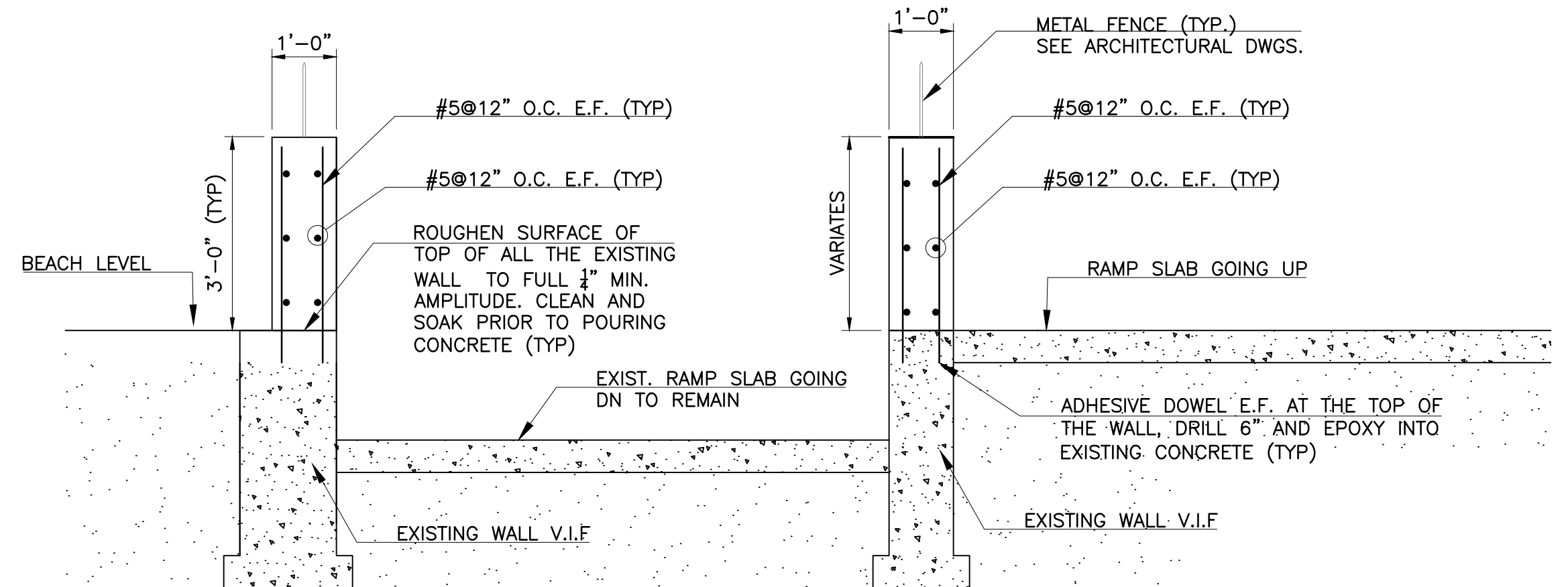
FOUNDATION PLAN
SCALE: 3/16"=1'0"



ELEVATION VIEW
SCALE: 3/16"=1'0"



1 SECTION
SCALE: 1/2"=1'0"



2 SECTION
SCALE: 1/2"=1'0"

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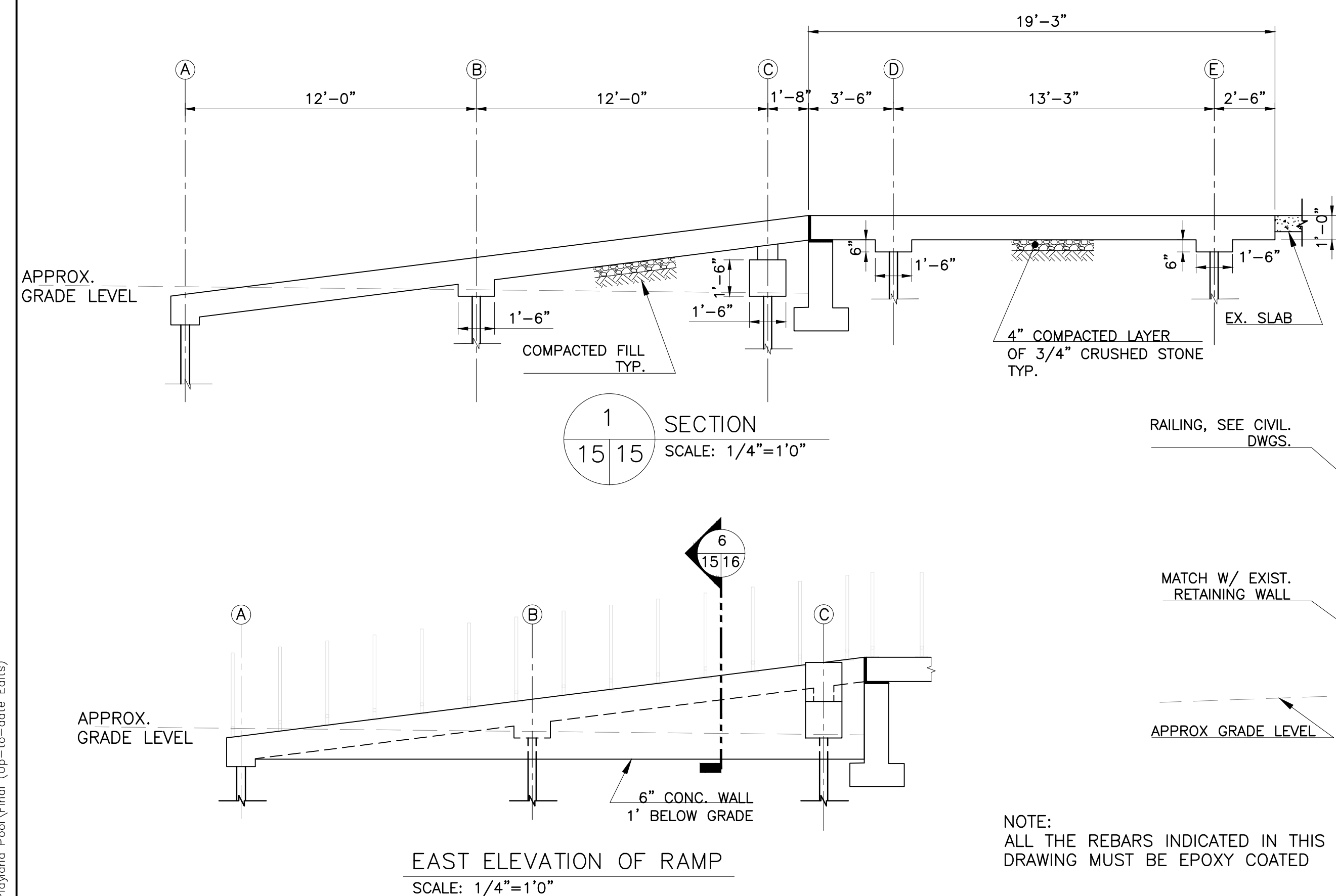
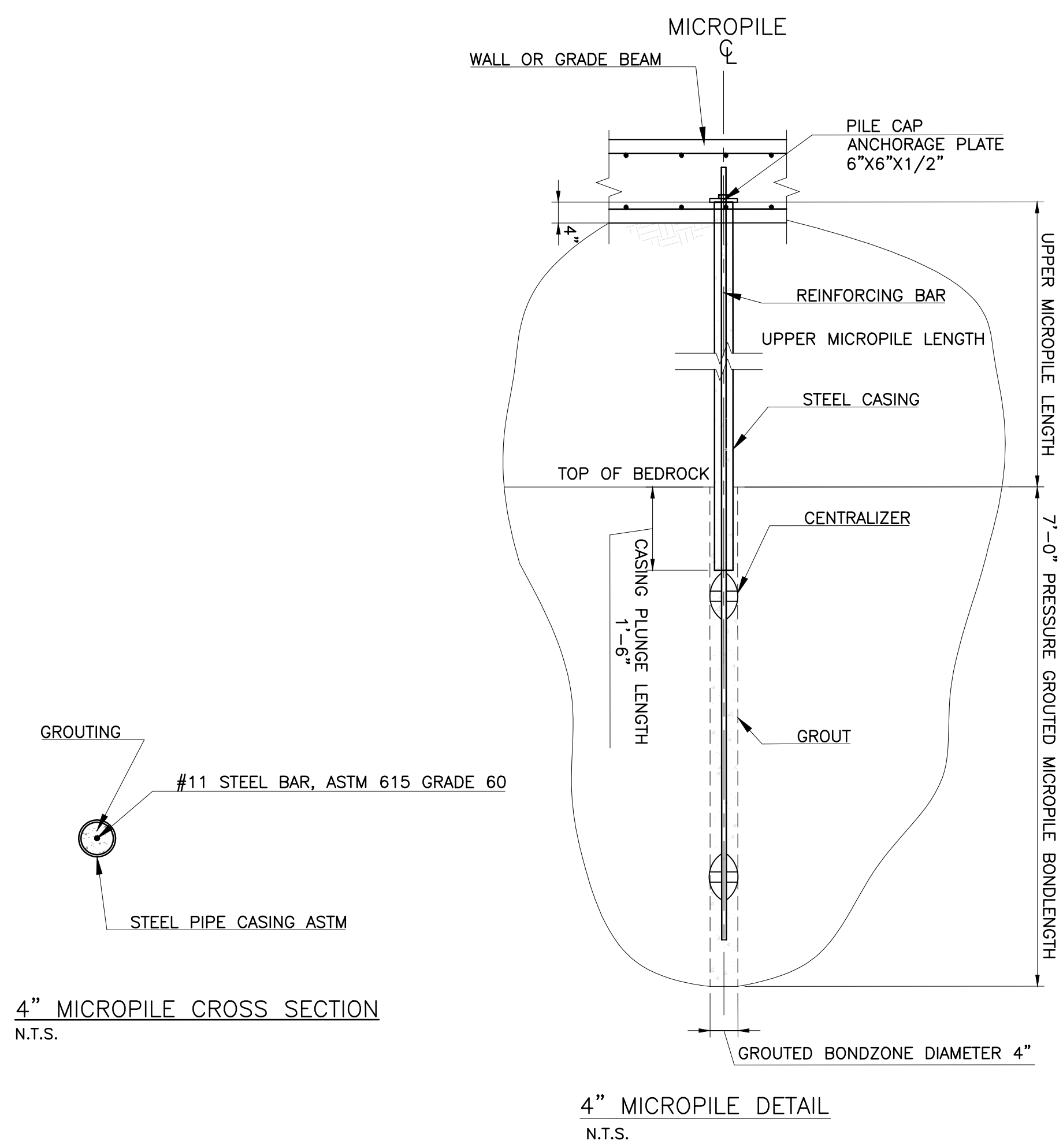
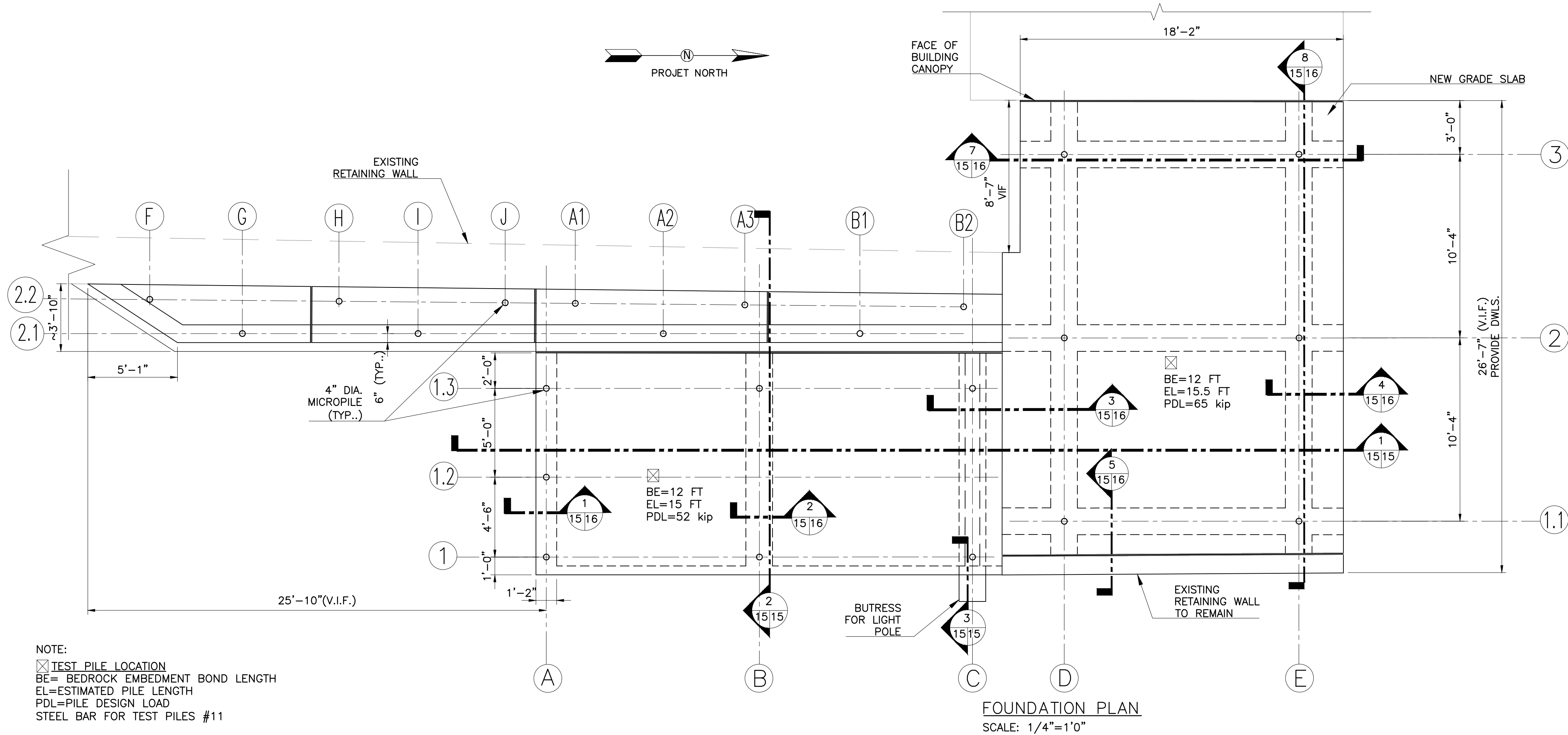
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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

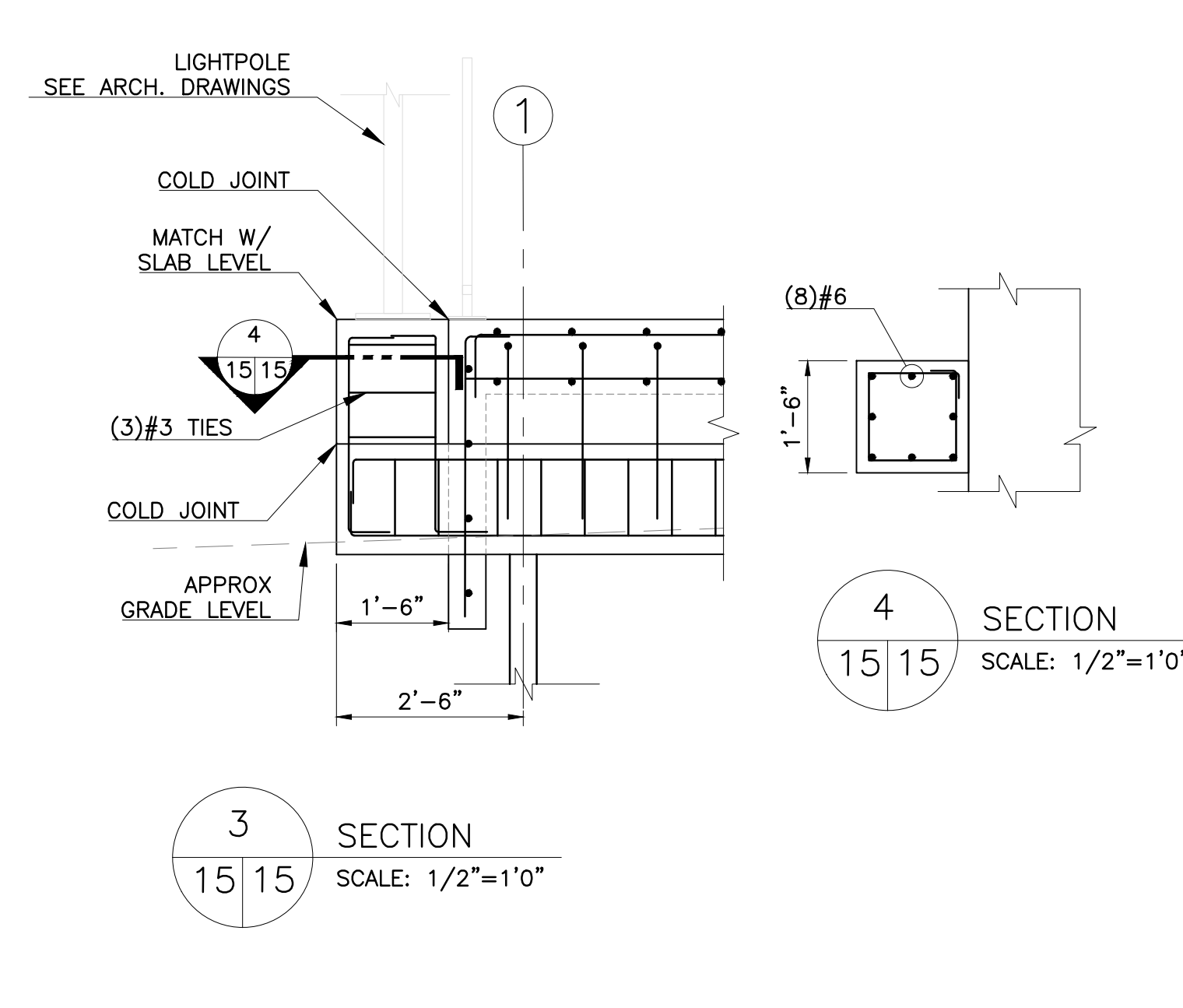
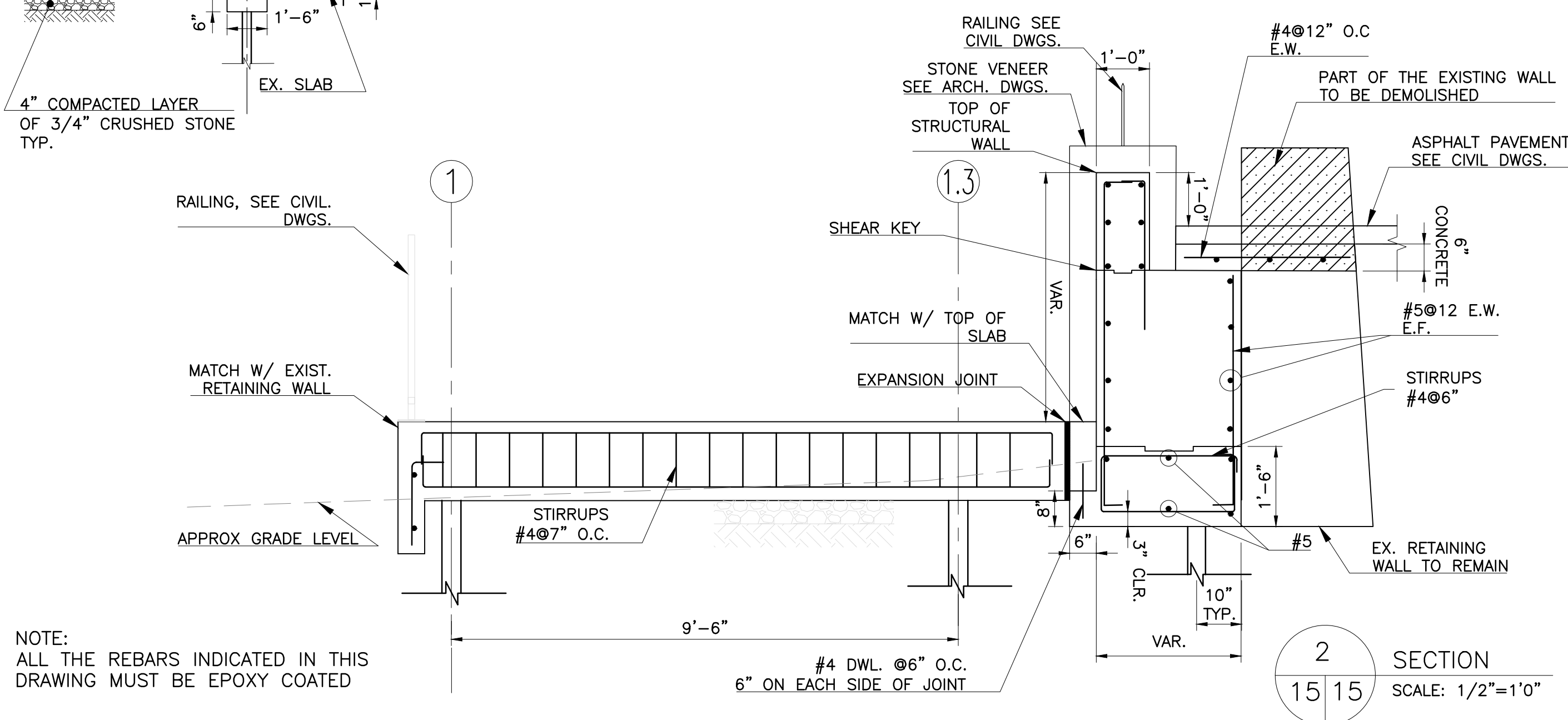
WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION
DIVISION OF ENGINEERING
REHABILITATION OF POOL AND BATHHOUSE
PLAYLAND PARK, RYE, NEW YORK
STRUCTURAL
TUNNEL RAMP PLAN, ELEVATION, & SECTION

CONTRACT NUMBER 20-504	SHEET NUMBER S-014
SHEET NO. 72 OF 201	
SCALE: DATE NOVEMBER 10, 2020 DPW FILE NO.	REV. NO. 0
1-19-S-429	



RAMP MICROPILE SCHEDULE									
PILE LOCATION	BEDROCK EMBEDMENT BONDLENGTH (FT.)	TOTAL ESTIMATED PILELENGTH (FT.)	STEEL BAR DIAMETER #	LOAD (KIP)	PILE LOCATION	BEDROCK EMBEDMENT BONDLENGTH (FT.)	TOTAL ESTIMATED PILELENGTH (FT.)	STEEL BAR DIAMETER #	LOAD (KIP)
A-1	7	15.5	#11	7.00	D-2	7	10.5	#11	56.00
A-1.2	7	10	#11	17.00	D-3	7	7	#11	48.00
A-1.3	7	8.5	#11	11.00	E-1.1	7	17.5	#11	45.00
B-1	7	16.5	#11	44.00	E-2	7	10.5	#11	48.00
B-1.3	7	9.5	#11	52.00	E-3	7	7	#11	29.00
C-1	7	17.5	#11	43.00	F-2.2	7	7	#11	-10.00
C-1.3	7	10.5	#11	36.00	G-2.1	7	7	#11	35.00
D-1.1	7	17.5	#11	65.00	H-2.2	7	7	#11	-10.00

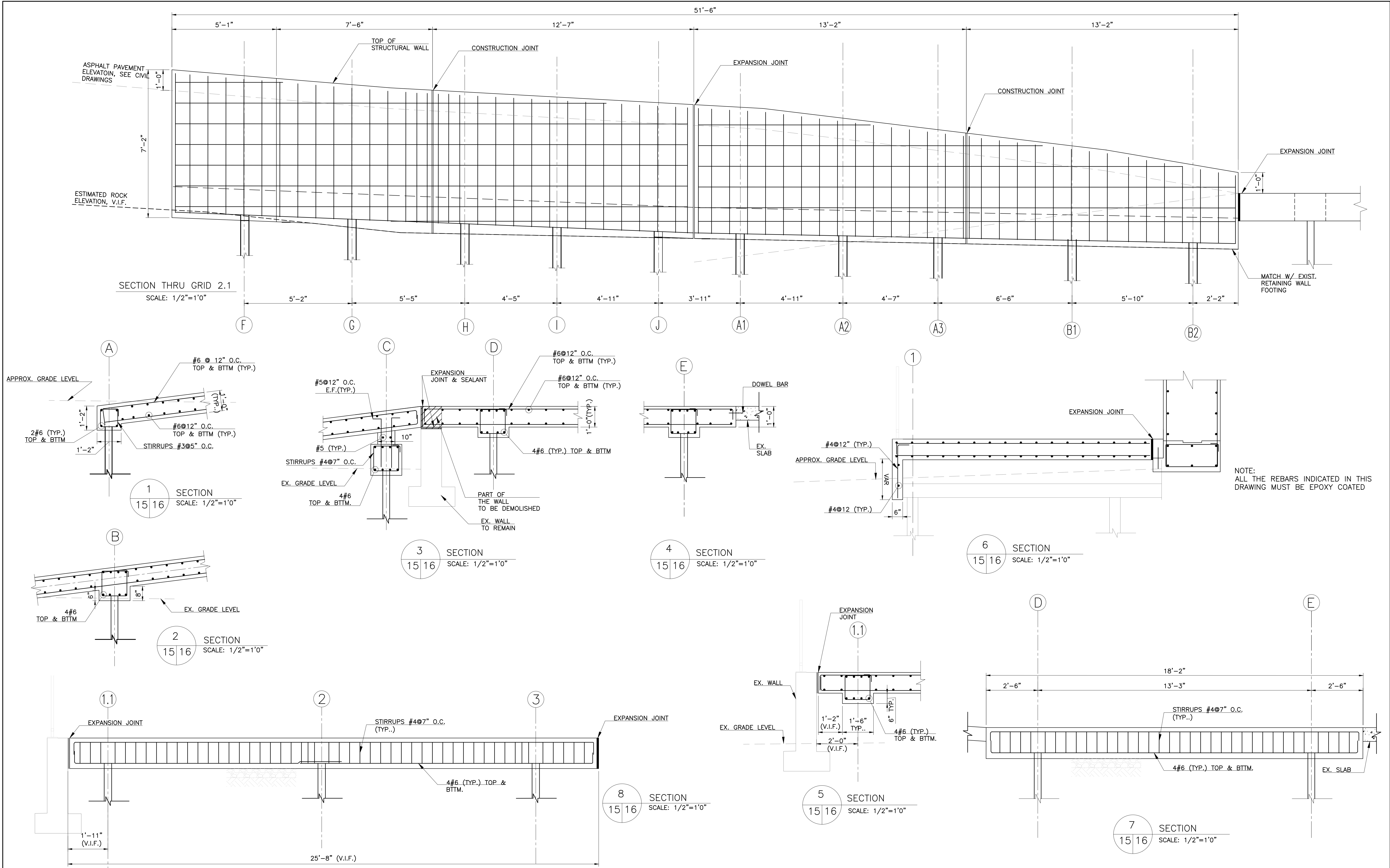
MICROPILE STEEL REINFORCING BAR PER ASTM A615 GRADE 60
MICROPILE CASING PIPE PER ASTM 519-A106, O.D. 4.5", WALL THICKNESS 0.237"
MICROPILE GROUT = 4 KSI



CHARLES A. MANGANARO CONSULTING ENGINEERS A PROFESSIONAL CORPORATION 303 SOUTH BROADWAY, SUITE 223, TARRYTOWN, NY 10591-5488 SHAILESH R. NAIK, P.E. NEW YORK LICENSE No. 072797-1	CONSULTANT SEAL 	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. IN CHARGE OF SN CHECKED BY MR MADE BY MU	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	RECORD DRAWING CERTIFICATION ☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES		CONTRACTOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____		PROJECT COORDINATOR NAME _____ SIGNATURE _____ TITLE _____ DATE _____		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK STRUCTURAL BEACH ACCESS RAMP PLAN AND SECTIONS		CONTRACT NUMBER 20-504 SHEET NUMBER S-015 SHEET NO. 73 OF 201	SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-S-430 REV. NO. 0

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CHARLES A. MANGANARO CONSULTING ENGINEERS A PROFESSIONAL CORPORATION 303 SOUTH BROADWAY, SUITE 223, TARRYTOWN, NY 10591-5488 SHAILESH R. NAIK, P.E. NEW YORK LICENSE No. 072797-1		UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.								RECORD DRAWING CERTIFICATION				WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER S-016																						
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REVISION NUMBER						DATE						MADE BY						APP'D BY						REVISION						REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK STRUCTURAL BEACH ACCESS RAMP SECTION, & DETAILS						SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-S-431		REV. NO. 0	

GENERAL NOTES (NEW YORK STATE)

1. DESIGN AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE FOLLOWING CODES:
- A. NEW YORK STATE BUILDING CODE.
B. AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318).
C. AMERICAN CONCRETE INSTITUTE SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI-301)
D. OCCUPATIONAL HEALTH SAFETY ADMINISTRATION (OSHA) CODE.
E. AMERICAN NATIONAL STANDARDS FOR CONSTRUCTION (ANSI)
F. USE LATEST EDITIONS INCLUDING ADDENDA, SUPPLEMENTS, AMENDMENTS, REVISIONS AND ERRATA U.N.O., EXCEPT AS MODIFIED BY THE CONTRACT DOCUMENTS.
2. PLANS AND APPLICATION FORMS MUST BE FILED AND APPROVED BY THE LOCAL AUTHORITIES BEFORE STARTING ANY WORK OR ORDERING ANY MATERIALS.
3. CONTRACTOR TO PROPERLY NOTIFY LOCAL BUILDING DEPARTMENT PRIOR TO ANY WORK REQUIRING INSPECTION BY THE BUILDING DEPARTMENT AS CALLED FOR IN THE NEW YORK STATE BUILDING CODE.
4. A TESTING AND INSPECTION AGENCY ACCEPTABLE TO THE STRUCTURAL ENGINEER AND RETAINED BY THE OWNER SHALL PERFORM ALL REQUIRED TESTING AND INSPECTION IN ACCORDANCE WITH THE NEW YORK STATE BUILDING CODE REGULATIONS (SEE SPECIAL INSPECTION NOTES).
5. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING WITH TESTING AGENCY WHEN INSPECTION SHALL BE PERFORMED. THE CONTRACTOR SHALL PROVIDE AMPLE TIME FOR THE TESTING AGENCY TO COMPLETE THEIR WORK.
6. TESTING AND INSPECTION OF CONCRETE, SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE BUILDING CODE. (SEE SPECIAL INSPECTION NOTES)
7. AS PART OF THE CONTRACTOR'S SCOPE OF WORK, THE CONTRACTOR SHALL REPLACE, REPAIR AND PATCH TO ITS ORIGINAL CONDITION ANY AREAS ALTERED OR DAMAGED DURING PROCESS OF WORK AT NO ADDITIONAL COST TO THE OWNER AND WITH ALL NECESSARY GUARANTEES AND WARRANTIES.
8. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS, ELEVATIONS, OPENINGS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR, WITH THE CONTRACT DOCUMENTS, BEFORE COMMENCING WORK AND PRIOR TO PREPARING SHOP DRAWINGS AND ORDERING MATERIALS AND DETAILS. ERRORS, DISCREPANCIES, INCONSISTENCIES, OR OMISSIONS DISCOVERED WHICH MAY INTERFERE WITH THE PROPER EXECUTION OF THE WORK, SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. DEVIATIONS FROM THESE PLANS MAY OCCUR DUE TO FIELD CONDITIONS.
9. THE CONTRACTOR SHALL FILE AND OBTAIN AND PAY FOR ALL REQUIRED PERMITS, FEES AND LICENSES BEFORE STARTING ANY WORK OR ORDERING ANY MATERIAL. DO NOT BEGIN CONSTRUCTION UNLESS AND UNTIL A WRITTEN PERMIT HAS BEEN ISSUED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODE. SUBMIT ORIGINAL COPIES TO OWNER BEFORE PROCEEDING.
10. THE CONTRACTOR IS CAUTIONED TO MAKE CONTINUOUS OBSERVATIONS AND SAFEGUARDS OF THE EXISTING STRUCTURES DURING THE PERFORMANCE OF HIS WORK. SHOULD HE BECOME AWARE OF ANY EXISTING UNFORESEEN STRUCTURAL CONDITIONS OR SITUATIONS THAT REQUIRE FURTHER INVESTIGATION OR STUDY, (SUCH AS EXCESSIVE DETERIORATION, CRACKS IN CONCRETE, MOVEMENT, ADDITIONAL DEFLECTION, ETC.), HE SHALL IMMEDIATELY NOTIFY THE ENGINEER/ARCHITECT OF RECORD.
11. SHOP DRAWINGS AND SAMPLE PRODUCTS ARE REQUIRED FOR ALL WORK AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW. SHOP DRAWINGS WILL NOT BE REVIEWED UNLESS THEY ARE STAMPED 'APPROVED' AND INITIALED BY THE CONTRACTOR ATTESTING THAT IT CONFORMS TO THE CONTRACT DOCUMENTS. SHOP DRAWINGS SHALL BE PREPARED, SIGNED AND SEALED BY A NEW YORK STATE LICENSED P.E. RETAINED BY THE CONTRACTOR.
12. THE CONTRACTOR SHALL REMOVE ALL LIVE LOAD, STORAGE AND EQUIPMENT LOADS, ETC. FROM AREAS TO BE ALTERED.
13. DO NOT ALLOW DEBRIS TO ACCUMULATE. REMOVE DEBRIS FROM SITE AS SOON AS POSSIBLE.
14. GENERAL SAFETY REQUIREMENTS: PERSONS ENGAGED IN CONSTRUCTION OPERATIONS SHALL PROVIDE REASONABLE AND ADEQUATE PROTECTION FOR THE SAFETY OF ALL PERSONS AND PROPERTY AFFECTED THEREBY. ALL SUCH OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH AND SUBJECT TO THE SAFETY REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE AND THE SAFETY REQUIREMENTS OF ARTICLE 10 OF THE LABOR LAW.
15. THE CONTRACTOR SHALL PROVIDE A PROGRESS SCHEDULE PRIOR TO COMMENCEMENT OF WORK.
16. THE ENGINEER SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURE, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK FOR THE ACTS OR OMISSIONS OF THE CONTRACTORS, SUBCONTRACTOR, OR ANY OTHER PERSON PERFORMING THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
17. THE CONTRACTOR SHALL COORDINATE ALL WORK UNDER THIS CONTRACT TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK.
18. ALL WATERPROOFING REPAIRS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS INCLUDING MAINTAINING EXISTING WARRANTY REQUIREMENTS. COORDINATE WORK WITH WATERPROOFING MANUFACTURER.

SELECTIVE DEMOLITION AND ALTERATION NOTES

1. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO PERFORM ALL OPERATIONS REQUIRED FOR THE DEMOLITION, REMOVAL, CUTTING AND ALTERATION OF WORK SHOWN ON THE DRAWINGS.
2. CONTRACTOR SHALL VISIT THE SITE AND CAREFULLY EXAMINE THE AREA TO BE DEMOLISHED AND REPAIRED. HE SHALL FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND SATISFY HIMSELF AS TO THE NATURE AND SCOPE OF THE WORK.
3. ALL DEMOLITION, REPAIR AND ALTERATION OPERATIONS TO BE PERFORMED IN ACCORDANCE WITH THE NEW YORK STATE BUILDING CODE, AND OTHER APPLICABLE STANDARDS.
4. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, MASONRY CRACK CONDITIONS, CONCRETE CRACK CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN THE DESIGN DRAWINGS AND ACTUAL FIELD CONDITIONS TO THE ENGINEER AT ONCE. ANY CONDITION WHICH MAY INTERFERE WITH THE PROPER EXECUTION OF THE NEW WORK SHALL BE REPORTED TO THE ENGINEER.
5. RECORD CONDITION OF STRUCTURE, INCLUDING FOUNDATION WALLS, EXTENT OF CRACKS AND ANY OTHER DAMAGE INCLUDING DESCRIPTION OF SURFACE CONDITIONS. SUBMIT RECORD OF CONDITION TO ENGINEER PRIOR TO COMMENCEMENT OF WORK.
6. CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PREVENT ANY DAMAGE FROM OCCURRING TO THE EXISTING AND ADJACENT STRUCTURES.
7. ALL REQUIRED CUTTING AND PATCHING IS TO BE DONE BY HAND, EXCEPT SLAB CUTTING SHALL BE DONE BY DIAMOND SAW EQUIPMENT.
8. ANY DAMAGE TO EXISTING BUILDING OR ADJACENT AREAS, INCLUDING INTERIOR AND EXTERIOR AREAS, STRUCTURAL, ARCHITECTURAL, BUILDING MATERIALS, AND ANY OTHER BUILDING PARTS SHALL BE RECTIFIED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE WITH ALL NECESSARY GUARANTEES AND WARRANTIES.
9. ALL WORK SHALL BE EXECUTED IN SUCH A MANNER AS NOT TO ENDANGER THE SAFETY OF THE WORKERS OR THE PUBLIC. ALL BARRIERS AND PRELIMINARY MEASURES SHALL BE ERECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION OVER SAME.
10. DO NOT CLOSE OR OBSTRUCT CORRIDORS, STAIRS OR OTHER OCCUPIED FACILITIES WITHOUT PERMISSION OF THE OWNER/BUILDING MANAGEMENT.
11. VERIFY LOCATIONS AND COORDINATE ALL EXISTING ELECTRIC, GAS AND UTILITY LINES, PIPES, DUCTS AND OTHER UTILITIES WHICH ARE TO BE RELOCATED OR CAPPED WITH THE ENGINEER AND MECHANICAL ENGINEER PRIOR TO ANY DEMOLITION.
12. DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS SHALL BE DONE IN ANY ORDERLY MANNER WITH THE LEAST POSSIBLE DISRUPTION TO THE OPERATION OF THE FACILITY.
13. CONTRACTOR TO CONSULT WITH THE OWNER'S REPRESENTATIVE AND ENGINEER REGARDING HOURS FOR DEMOLITION, REMOVAL OF DEBRIS, DELIVERY AND STORAGE OF MATERIAL, ACCESS AND EGRESS, ETC.
14. AT COMPLETION OF EACH DAY'S WORK, CLEAN AREAS OF ANY ACCUMULATION OF DEBRIS, MATERIALS, DIRT, ETC., RESULTING FROM DEMOLITION OPERATION. DO NOT ALLOW DEBRIS TO ACCUMULATE. REMOVE IT FROM SITE AS SOON AS POSSIBLE.
15. PROVIDE DUSTPROOF PARTITIONS AROUND AREA OF ALTERATION AS DIRECTED BY ENGINEER. WET DOWN MATERIALS ON TRUCKS PRIOR TO LEAVING PREMISES.
16. THE CONTRACTOR SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE FOLLOWING: "AMERICAN STANDARD SAFETY CODE FOR BUILDING CONSTRUCTION", ANSI A10.2, AND "SAFETY REQUIREMENTS FOR DEMOLITION", ANSI A10.6 OF THE AMERICAN NATIONAL STANDARDS INSTITUTE.
17. INSTALL NEW FIREPROOFING ON NEW STRUCTURAL ELEMENTS AND ON EXISTING STRUCTURAL ELEMENTS WHERE IT WAS REMOVED, MISSING, OR IS DAMAGED AS REQUIRED, BY THE PROJECT SPECIFICATIONS OR MATCH EXISTING FIREPROOFING. CHECK COMPATIBILITY WITH EXISTING FIREPROOFING AND NEW PAINT. (NOT IN CONTRACT) TO BE DETERMINED.

CONCRETE REPAIR PROCEDURE FOR SPALLED CONCRETE

1. REMOVE THE DETERIORATED CONCRETE DOWN TO SOUND CONCRETE SUBSTRATE. AFTER CONCRETE REMOVAL IS COMPLETE, THE AREAS TO BE REPAIRED SHALL BE INSPECTED BY THE ENGINEER TO VERIFY THE EXTENT OF DAMAGE. ADDITIONAL AREAS SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.
2. REMOVAL OF THE DETERIORATED CONCRETE SHALL BE MADE WITH MECHANICAL MEANS AND EQUIPMENT THAT WILL NOT DAMAGE ADJACENT GOOD AREAS. MAINTAIN A SURFACE ROUGHNESS PROFILE OF 1/4-INCH.
3. AVOID DAMAGING THE EXISTING STEEL REINFORCEMENT. REINFORCEMENT DAMAGED DURING CONCRETE REMOVAL OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
4. SAWCUT THE PERIMETER OF THE DAMAGED AREA TO 3/4 INCH DEPTH AND REMOVE DAMAGED MATERIAL WITHIN THE SAWCUT AREA. AVOID CUTTING THE OR DAMAGING THE EXISTING STEEL REINFORCEMENT.
5. ALL EXPOSED STEEL REINFORCEMENT SHALL BE CLEANED OF CORROSION USING POWER TOOLS. APPLY CORROSION PROTECTION/BOND MATERIAL TO ALL NEW AND EXISTING REINFORCING STEEL.
6. ALL EXPOSED STEEL REINFORCEMENT THAT HAS LOST MORE THAN 10% OF ITS ORIGINAL CROSS-SECTIONAL AREA DUE TO CORROSION SHALL BE REPAIRED BY SPLICING EQUAL-DIAMETER REINFORCEMENT WITH A CLASS "B" OR BETTER TENSION SPLICE BEYOND THE DAMAGED PORTION OF THE REINFORCEMENT. REMOVE ADDITIONAL CONCRETE TO ACCOMMODATE THE SPLICE AS REQUIRED.
7. PREPARE THE SOUND CONCRETE SUBSTRATE. APPLY EPOXY BONDING COMPOUND ON THE EXPOSED CONCRETE TO BE REPAIRED. APPLY THE REPAIR MORTAR BY HAND TROWELLING. THE SURFACE PREPARATION AND REPAIR MORTAR APPLICATION SHALL BE IN ACCORDANCE WITH THE MORTAR MANUFACTURER'S REQUIREMENTS.

TENANT SAFETY NOTES

1. GENERAL: ALL DEMOLITION, REPAIR AND ALTERATION OPERATIONS TO BE PERFORMED IN ACCORDANCE WITH THE LOCAL/STATE OF NEW YORK UNIFORM CONSTRUCTION CODE.
2. MEANS OF EGRESS: ALL EXISTING MEANS OF EGRESS FOR THE BUILDING TENANTS ARE TO BE KEPT CLEAR AND FREE OF ALL OBSTRUCTIONS, SUCH AS BUILDING MATERIALS, TOOLS, ETC. EXCEPT AS AUTHORIZED BY THE OWNER.
3. FIRE SAFETY:
- A. ALL BUILDING MATERIAL TO BE STORED AT THE CONSTRUCTION SITE OR IN ANY AREA OF THE BUILDING AREA TO BE LOCKED AND CONTROLLED BY THE GENERAL CONTRACTOR.
- B. ALL MATERIAL TO BE STORED IN A NEAT AND ORDERLY MANNER.
- C. ALL FLAMMABLE MATERIAL TO BE KEPT TIGHTLY SEALED IN THEIR MANUFACTURERS CONTAINERS. MATERIALS TO BE KEPT AWAY FROM HEAT.
- D. ALL FLAMMABLE MATERIALS ARE TO BE USED AND STORED ADEQUATELY VENTILATED SPACES.
- E. ALL ELECTRICAL POWER TO BE SHUT OFF NEAR EXPOSED CONDUITS.
- F. ALL ELECTRICAL POWER IN CONSTRUCTION AREA(S) TO BE SHUT OFF AFTER WORKING HOURS.
- G. CONTRACTOR(S), AT ALL TIMES, SHALL MAKE SURE NO LEAKS OF NATURAL GAS AND/OR ANY FLAMMABLE GAS USED FOR AND DURING CONSTRUCTION OCCUR ON PREMISES.
4. DEBRIS AND DUST PROTECTION:
- A. ALL DEBRIS, DIRT, AND DUST TO BE KEPT TO A MINIMUM AND TO BE CONFINED TO THE IMMEDIATE AREA(S).
- B. CONTRACTOR(S) TO ISOLATE CONSTRUCTION AREAS(S) FROM OCCUPIED BUILDING AREA(S) BY USING TEMPORARY PARTITIONS AND/OR HEAVYWEIGHT DROP CLOTHS.
- C. DEBRIS, DIRT AND DUST TO BE CLEANED UP DAILY AND CARTED FROM BUILDING TO AVOID EXCESSIVE ACCUMULATION. SEE SPECIFICATIONS.
- D. ALL REMOVED MATERIAL SHALL BE DISPOSED OF IN COMPLIANCE WITH APPLICABLE LAWS, AND AS DIRECTED BY THE BUILDING MANAGEMENT.
5. WORK SCHEDULE: CONSTRUCTION OPERATIONS TO BE CONFINED TO REGULAR WORKING HOURS, 7:00 AM TO 6:00 PM, MONDAYS THROUGH FRIDAYS, EXCEPT LEGAL HOLIDAYS. FOR OTHER HOURS CONTRACTOR(S) SHALL OBTAIN PRIOR WRITTEN CONSENT OF ALL PARTIES AFFECTED BY PERFORMED WORK AND TO SECURE APPROPRIATE WORK PERMITS.
6. CONSTRUCTION OPERATIONS SHALL NOT INTERRUPT HEATING, WATER OR ELECTRICAL SERVICES TO BUILDING TENANTS.
7. THE BUILDING IS PRESENTLY OCCUPIED AND WILL REMAIN SO THROUGHOUT CONSTRUCTION.
8. NO WORK OR MATERIALS MAY OBSTRUCT PUBLIC ROADWAYS, HALLWAYS OR STAIRS.

SPALL REPAIR NOTES

1. FOLLOW ICR TECHNICAL NO. 310.1R (03730) FOR THE SURFACE PREPARATION FOR THE REPAIR OF DETERIORATED CONCRETE RESULTING FROM REINFORCING STEEL CORROSION.
2. REMOVE AND REPLACE ALL UNSOUND CONCRETE WITHIN SECTION SHOWN CROSS HATCHED. REMOVE MINIMUM 3/4" BEHIND ALL REINFORCEMENT.
3. FOLLOW MANUFACTURERS RECOMMENDATIONS FOR REPAIR APPLICATION OF NEW POLYMER MODIFIED MORTAR.
4. NEW POLYMER MODIFIED MORTAR APPLIED WITHIN DEPTH "D" TO MATCH EXISTING CONCRETE IN COLOR AND TEXTURE.
5. ENGINEER TO REVIEW CONDITION OF CORRODED REBARS PRIOR TO REPAIR. REPLACEMENT OR SUPPLEMENTAL REBARS ARE REQUIRED WHERE LOSS IN CROSS SECTION IS OVER 10%.
6. PINS TO ANCHOR POLYMER MORTAR SHALL BE 1/4" DIAMETER THREADED STAINLESS STEEL EXPANSION TYPE PINS CONFORMING TO AISI-T-316.
7. MIN. COVER OVER REINF. SHALL BE MIN. 1.5 IN.
8. COAT ALL REBARS WITH PROTECTIVE COATING (BONDING AGENT)

WATERPROOF COATING NOTES:

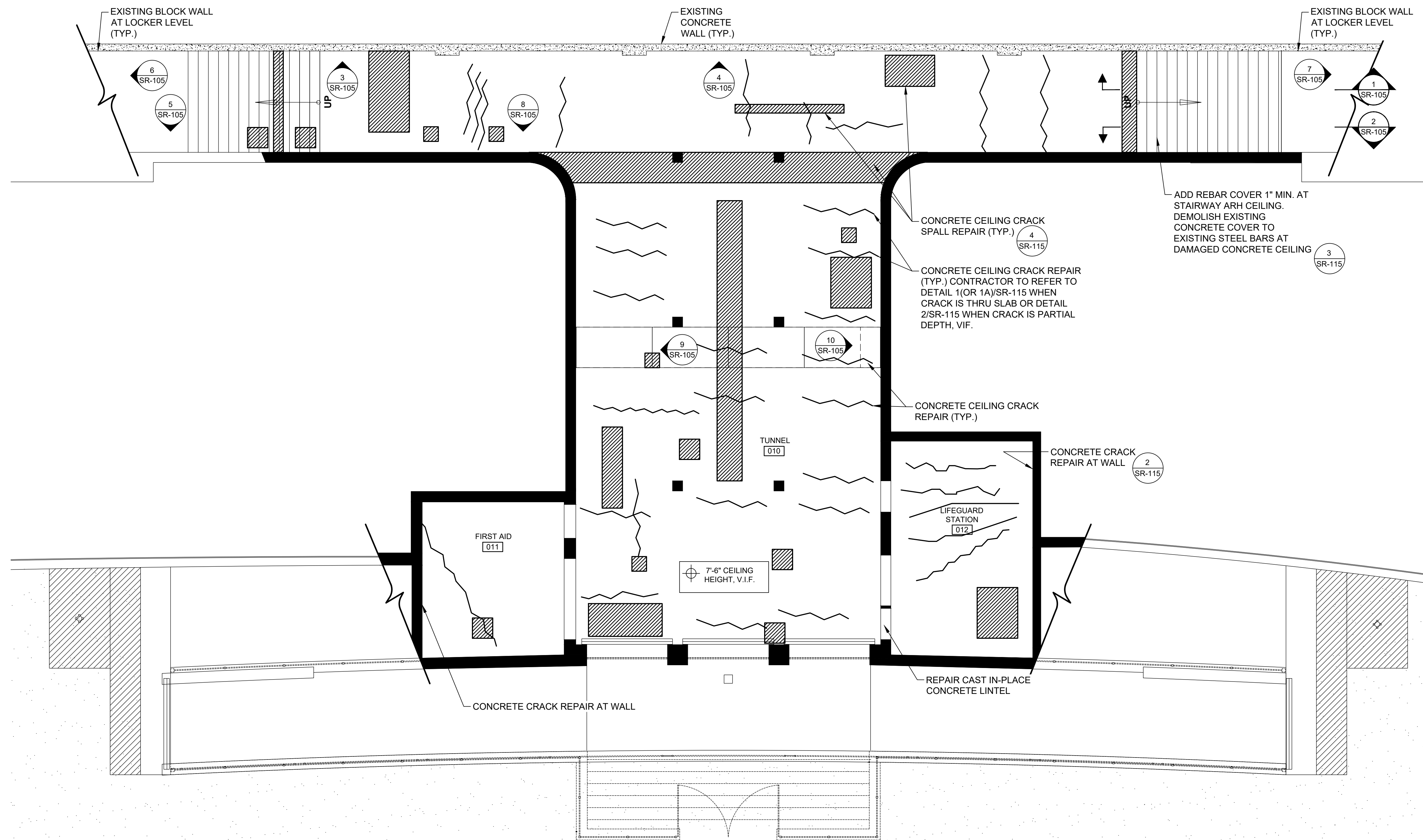
1. TUNNEL TO RECEIVE WATERPROOF COATING ON ALL WALLS AND CEILING CONCRETE SURFACES, INCLUDING ARCHED CEILING SURFACES ABOVE THE ACCESS STAIRS LEADING FROM THE LOCKER ROOMS. COATING SHALL BE SIKATOPSEAL 107 BY Sika OR APPROVED EQUAL. CONCRETE SURFACE TO BE PREPARED AND MATERIAL TO BE APPLIED PER MANUFACTURER RECOMMENDATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FINISH SELECTION.
2. EXTERIOR STUCCO TO RECEIVE WATERPROOF COATING ON EXISTING AND NEW STUCCO LOCATIONS. BREATHABLE WATERPROOF COATING TO BE SOLDALIT SOL-SILACATE BY KEIM FINISH OR APPROVED EQUAL TO BE INSTALLED. PREPARE SURFACES PER MFR. RECOMMENDATIONS. OWNER TO APPROVE FINISH COLOR.

MASONRY NOTES

1. MASONRY WALL CONSTRUCTION REQUIREMENTS SHALL CONFORM TO ACI 530-05/ASCE 5-05 AS MODIFIED BY THE MASSACHUSETTS BUILDING CODE, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR MASONRY STRUCTURES ACI 530.1-05/ASCE 6-05.
2. NEW CONCRETE MASONRY UNITS (CMU) SHALL CONFORM WITH THE REQUIREMENTS OF ASTM C90, TYPE N-1 LIGHTWEIGHT HOLLOW LOAD BEARING CONCRETE MASONRY UNITS (COMPRESSIVE STRENGTH = 1900 P.S.I.) IN ACCORDANCE WITH ASTM C331. SPECIFIED CONCRETE STRENGTH OF MASONRY fm = 1500 PSI.
3. PRIOR TO CONSTRUCTION, THE SUPPLIER OF MASONRY UNITS SHALL SUBMIT AN AFFIDAVIT TO THE STRUCTURAL ENGINEER AND ARCHITECT ATTESTING COMPLIANCE WITH THE ABOVE REQUIREMENTS.
4. MORTAR SHALL COMPLY WITH ASTM C270 TYPE "S" (U.N.). MORTAR PROPORTIONED BY VOLUME ARE ONE-PART PORTLAND CEMENT (ASTM C150 TYPE 1); 1/2 PART CEMENT LIME (ASTM C207); 4-1/2 PART SAND. NO MASONRY CEMENT SHALL BE PERMITTED. NO HOT WEATHER OR COLD WEATHER CONSTRUCTION PERMITTED WITHOUT WRITTEN APPROVAL OF ARCHITECT/ ENGINEER.
5. MASONRY WALL TO BE BONDED WITH CONTINUOUS GALVANIZED DUR-O-WALL REINFORCING OR APPROVED EQUAL, 16" CENTER TO CENTER AND IN BED JOINT OF TOP COURSE. PROVIDE ONE (1) PIECE PREFABRICATED UNITS AT 8" O/C AT ALL WALL CORNERS AND INTERSECTIONS. HORIZONTAL REINFORCING SHALL BE TRUSS TYPE WITH 9 GAGE WIRE CONFORMING TO ASTM A82, GALVANIZED PER ASTM A461 CLASS 1.
6. TOP TWO COURSES OF CMU BENEATH ALL SLABS, BEAMS, ETC., SHALL BE FILLED SOLIDLY WITH GROUT.
7. WHERE REBARS AND ANCHORS ARE EMBEDDED IN CMU CELLS, ALL AFFECTED CELLS CONTAINING REINFORCEMENT SHALL BE SOLIDLY GROUTED. PROVIDE BAR SPACERS TO PROPERLY LOCATE AND STABILIZE REINFORCING BARS DURING GROUTING OPERATIONS.
8. GROUT FOR FILLED CELLS SHALL CONFORM TO ASTM C476 WITH 3000 P.S.I. STRENGTH AT 28 DAYS. CELLS SHALL BE GROUTED IN INCREMENTS NOT EXCEEDING 4'-0" VERTICALLY. LOW LIFT GROUTING SHALL BE USED. MAXIMUM AGGREGATE SIZE SHALL BE 3/8-INCH. GROUT SHALL FLOW INTO ALL JOINTS WITHOUT SEGREGATION.
9. MORTAR AND GROUT MIX DESIGNS FOR EACH TYPE AND STRENGTH SHALL BE PREPARED BY CONTRACTOR AND TESTED BY THE TESTING LABORATORY. THE MIX DESIGNS SHALL THEN BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
10. THE TESTING AGENCY SHALL MONITOR THE PROPORTIONING, MIXING AND CONSISTENCY OF MORTAR AND GROUT, THE PLACEMENT OF THE MORTAR AND GROUT, THE MASONRY UNITS AND THE PLACEMENT OF REINFORCEMENT FOR COMPLIANCE WITH THE CONTRACT DRAWINGS AND WITH SPECIAL INSPECTION REQUIREMENTS INDICATED IN THE MASSACHUSETTS BUILDING CODE.
11. NO GROUT SHALL BE PLACED UNTIL TESTING AGENCY HAS INSPECTED AND APPROVED PLACED REINFORCEMENT.
12. REBARS SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615 GRADE 60.
13. ALL MASONRY SHALL BE PLACED IN RUNNING BOND. FULL BED AND HEAD JOINTS SHALL BE PROVIDED.
14. ALL STEEL ANGLES AND HANGERS AT EXTERIOR WALLS SHALL BE GALVANIZED AND SHALL BE ASTM A36 (Fy = 36 KSI).
15. COORDINATE ALL DETAILS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
16. ALL GROUT SHALL BE VIBRATED IN PLACE.
17. THE CELLS MUST BE FULLY BEDDED IN MORTAR INCLUDING THE WEBS AND FACE-SHELL FLANGES.
18. EXCEPT AT THE TOP OF THE WALL, POURS SHALL BE STOPPED 1-1/2" BELOW THE TOP OF A COURSE TO FORM A KEY AT POUR JOINTS.
19. MORTAR DROPPINGS SHOULD BE OUT OF THE GROUT SPACE.
20. THE GROUTING OF ANY SECTION OF WALL SHALL BE COMPLETED IN ONE DAY WITH NO INTERRUPTIONS GREATER THAN ONE HOUR.
21. WALLS SHALL BE PROPERLY BRACED AND THE BRACING DESIGN IS THE RESPONSIBILITY OF THE CONTRACTOR. BRACING TO BE LEFT IN PLACE UNTIL ERECTION OF STRUCTURAL FRAME IS COMPLETED OR PROVIDE LATERAL SUPPORT AT TOP OF MASONRY WALLS.
22. LOOSE LINTELS TO BE COORDINATED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS AND BE 1' 0" LONGER THAN MASONRY OPENINGS, U.O.N.
23. CONTRACTOR TO PROVIDE A LOCATION WHICH IS LEVEL AND SAFE FOR STORING OF DURING MOLDS IN ORDER FOR THE TESTING LABORATORY TO PREPARE TEST MOLDS AND WHERE THE MOLDS CAN REMAIN UNDISTURBED FOR 48 HOURS.
24. THE SPECIMENS ARE TO BE CAPPED IN ACCORDANCE WITH PROVISIONS OF STANDARD METHOD OF CAPPING CYLINDRICAL CONCRETE SPECIMENS, ASTM C617.
25. THE SPECIMENS SHOULD BE TESTED IN A DAMP CONDITION IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF ASTM C39, STANDARD METHOD OF TEST FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS.
26. ALL DOOR AND WINDOW JAMBS SHALL BE FULLY GROUTED AND REINFORCED VERTICALLY WITH TWO #4 REBAR TYPICALLY.
27. MAXIMUM SPACING OF CONTROL JOINTS IN MASONRY SHALL BE 25 FEET UNLESS NOTED OTHERWISE. (SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON LOCATION OF CONTROL JOINTS.)
28. ALL VERTICAL REINFORCING SHALL BE CONTINUOUS FOR FULL HEIGHT OF WALL AND DOWELED INTO FOOTING. VERTICAL REINFORCEMENT MAY BE SPLICED. SPLICES SHALL BE STAGGERED. LAP ALL REINFORCEMENT 48 BAR DIAMETERS AT SPLICES. HORIZONTAL REINFORCING SHALL BE CONTINUOUS AROUND ALL CORNERS AND INTERSECTIONS. SPLICES SHALL BE IN ACCORDANCE WITH ACI AND CRSI PROVISIONS.
29. FILL ALL CELLS BELOW GRADE WITH GROUT.

30. SHOP DRAWINGS AND SAMPLE MASONRY MOCK-UPS WHICH INCLUDES MATCHING COLOR AND SAND GRADATION OF EXISTING MORTAR, TEXTURE, ETC., SHALL BE SUBMITTED FOR WRITTEN APPROVAL PRIOR TO START OF WORK.
31. ALLOW GROUT AND MORTAR TO CURE A MINIMUM OF 48 HOURS BEFORE IMPOSING CONCENTRATED OR OTHER LOADS FROM ABOVE.
32. CONCRETE BLOCK BELOW BEAM BEARING POINTS SHALL BE FILLED SOLIDLY FOR A MINIMUM OF TWO COURSES IN DEPTH AND A MINIMUM OF 32 INCHES IN WIDTH U.O.N.

 GEI Consultants GEI CONSULTANTS, INC., P.C. 1385 BROADWAY (W 38TH STREET) 20TH FLOOR NEW YORK, NY 10018 (212)687-8262	 CONSULTANT SEAL STATE OF NEW YORK OFFICE OF THE ENGINEER 10/19/2020	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.							RECORD DRAWING CERTIFICATION		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-001			
		IN CHARGE OF PS								☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES				SHEET NO. 75 OF 201			
		CHECKED BY MP								CONTRACTOR		PROJECT COORDINATOR		REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK		SCALE: DATE: NOVEMBER 10, 2020	REV. NO. 0
		MADE BY DC	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	SIGNATURE	TITLE	SIGNATURE	TITLE	GENERAL NOTES		DPW FILE NO. 1-19-S-432			



LEGEND

TUNNEL [010]	ROOM NAME ROOM NUMBER
	CRACK AT CONCRETE CEILING
	SPALL AT CONCRETE CEILING

GENERAL NOTES

1.

CONTRACTOR TO REPAIR ALL CRACK CONDITIONS SHOWN, REFER TO SHEET SR-115 FOR ADDITIONAL REPAIR INFORMATION.

2.

CONTRACTOR TO REFER TO REPAIR SCHEDULE FOR REPAIR QUANTITIES, SEE SR-115.

3.

CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER FOR CONDITIONS THAT REQUIRE REPAIR NOT SHOWN.

4.

TUNNEL CONSTRUCTION CONSISTS OF REINFORCED CONCRETE WALLS AND ROOF WITH CONCRETE SLAB ON GROUND.

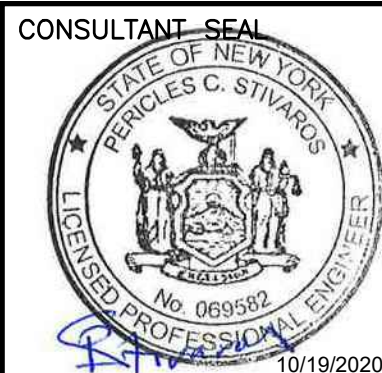
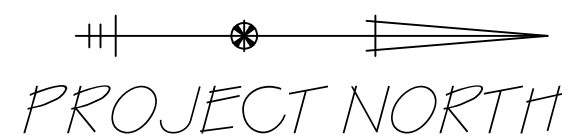
5.

AT BATHHOUSE LEVEL INTERIOR WALLS ARE CMU WITH VARIOUS THICKNESS OF STUCCO, U.O.N. BATHHOUSE LEVEL CEILING IS REINFORCED CONCRETE.

6.

CONTRACTOR TO INSTALL WATERPROOF COATING ON TUNNEL WALLS AND CEILINGS. REFER TO SR-001 FOR ADDITIONAL INFO.

TUNNEL - REFLECTED CEILING PLAN
SCALE: NTS



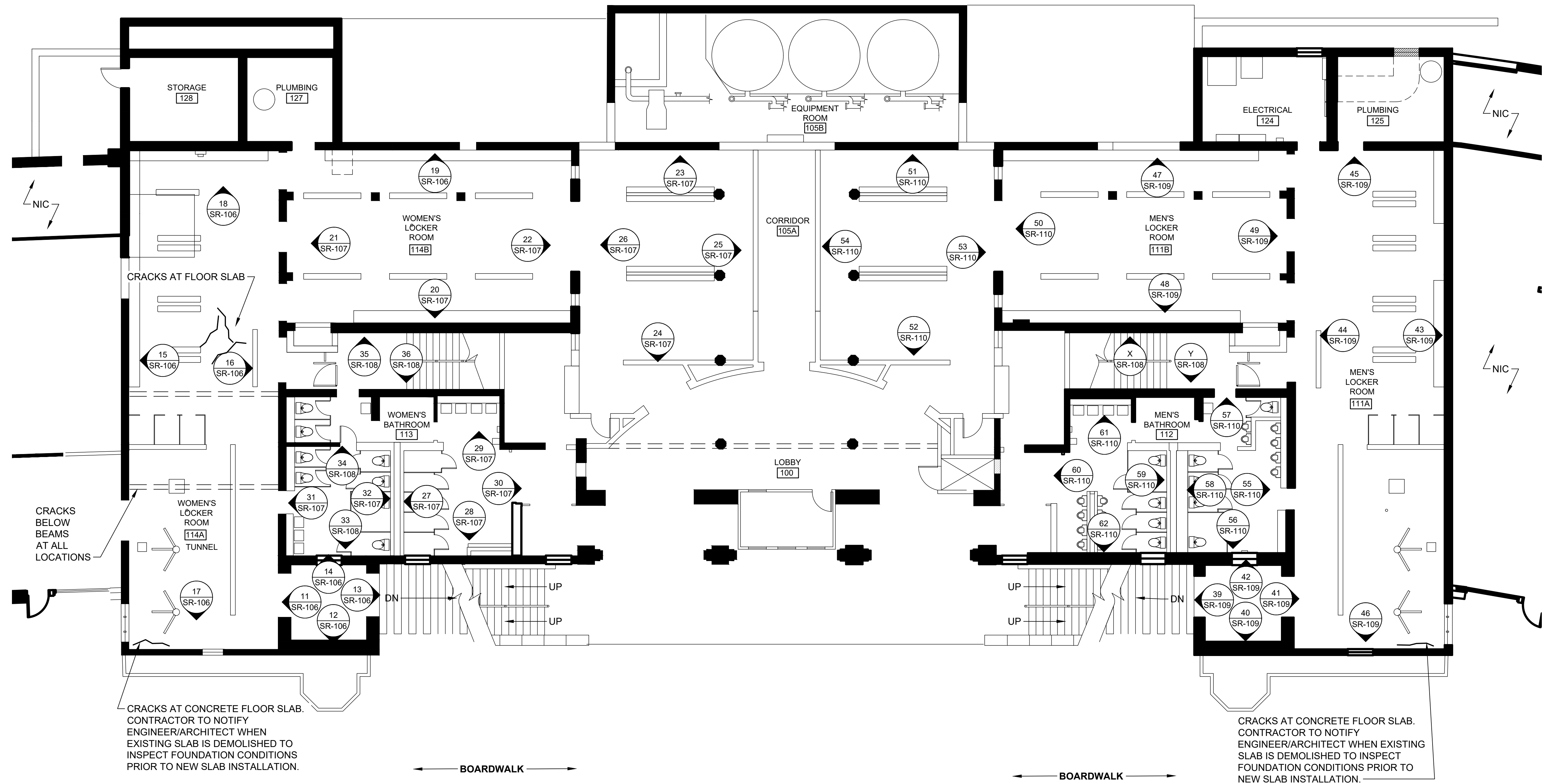
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MADE BY **DC**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	

RECORD DRAWING CERTIFICATION			
☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-101
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK TUNNEL REFLECTED CEILING PLAN DEFECTS & REPAIRS		SHEET NO. 76 OF 201	SCALE: DATE: NOVEMBER 10, 2020
		DPW FILE NO. 1-19-S-433	REV. NO. 0



TUNNEL

010

ROOM NAME

ROOM NUMBER

CRACK AT CONCRETE CEILING

SPALL AT CONCRETE CEILING

GENERAL NOTES

1.

CONTRACTOR TO REPAIR ALL CRACK CONDITIONS SHOWN, REFER TO SHEET SR-115 FOR ADDITIONAL REPAIR INFORMATION.

2.

CONTRACTOR TO REFER TO REPAIR SCHEDULE FOR REPAIR QUANTITIES, SEE SR-115.

3.

CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER FOR CONDITIONS THAT REQUIRE REPAIR NOT SHOWN.

4.

TUNNEL CONSTRUCTION CONSISTS OF REINFORCED CONCRETE WALLS AND ROOF WITH CONCRETE SLAB ON GROUND.

5.

AT BATHHOUSE LEVEL INTERIOR WALLS ARE CMU WITH VARIOUS THICKNESS OF STUCCO, U.O.N. BATHHOUSE LEVEL CEILING IS REINFORCED CONCRETE.

BATHHOUSE LEVEL PLAN DEFECTS AND REPAIRS & KEY PLAN
SCALE: NTS

PROJECT NORTH



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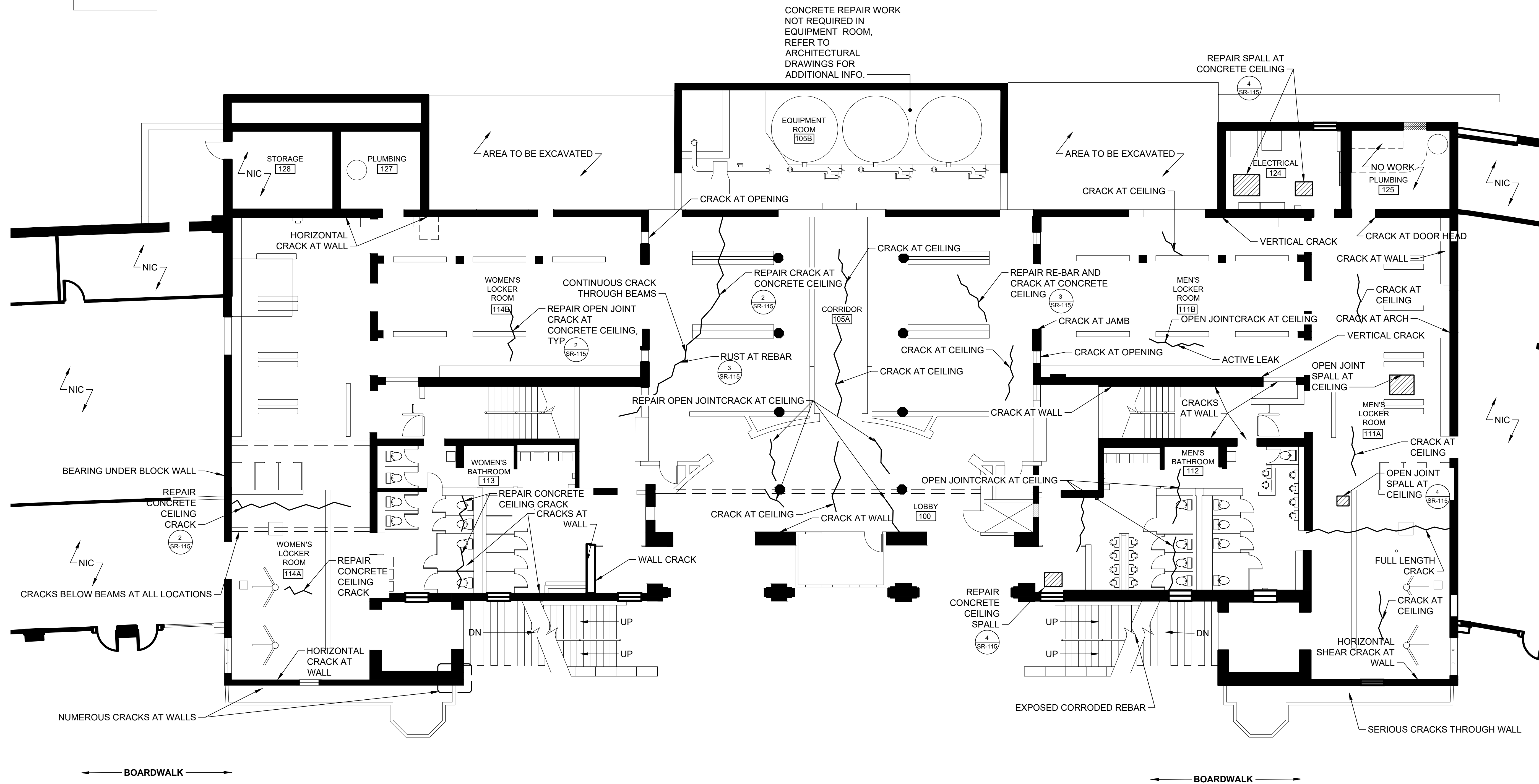
MADE BY **DC**

10/19/2020

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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☐ AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-102
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK BATHHOUSE LEVEL PLAN DEFECTS AND REPAIRS & KEYPLAN		SHEET NO. 77 OF 201	
SCALE: DATE: NOVEMBER 10, 2020		DPW FILE NO. 1-19-S-434	REV. NO. 0



LEGEND

TUNNEL
010

ROOM NAME
ROOM NUMBER

CRACK AT CONCRETE CEILING

SPALL AT CONCRETE CEILING

GENERAL NOTES

1.

CONTRACTOR TO REPAIR ALL CRACK CONDITIONS SHOWN, REFER TO SHEET SR-115 FOR ADDITIONAL REPAIR INFORMATION.

2.

CONTRACTOR TO REFER TO REPAIR SCHEDULE FOR REPAIR QUANTITIES, SEE SR-115.

3.

CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER FOR CONDITIONS THAT REQUIRE REPAIR NOT SHOWN.

4.

TUNNEL CONSTRUCTION CONSISTS OF REINFORCED CONCRETE WALLS AND ROOF WITH CONCRETE SLAB ON GROUND.

5.

AT BATHHOUSE LEVEL INTERIOR WALLS ARE CMU WITH VARIOUS THICKNESS OF STUCCO, U.O.N. BATHHOUSE LEVEL CEILING IS REINFORCED CONCRETE.

BATHHOUSE REFLECTED CEILING PLAN DEFECTS AND REPAIRS
SCALE: NTS



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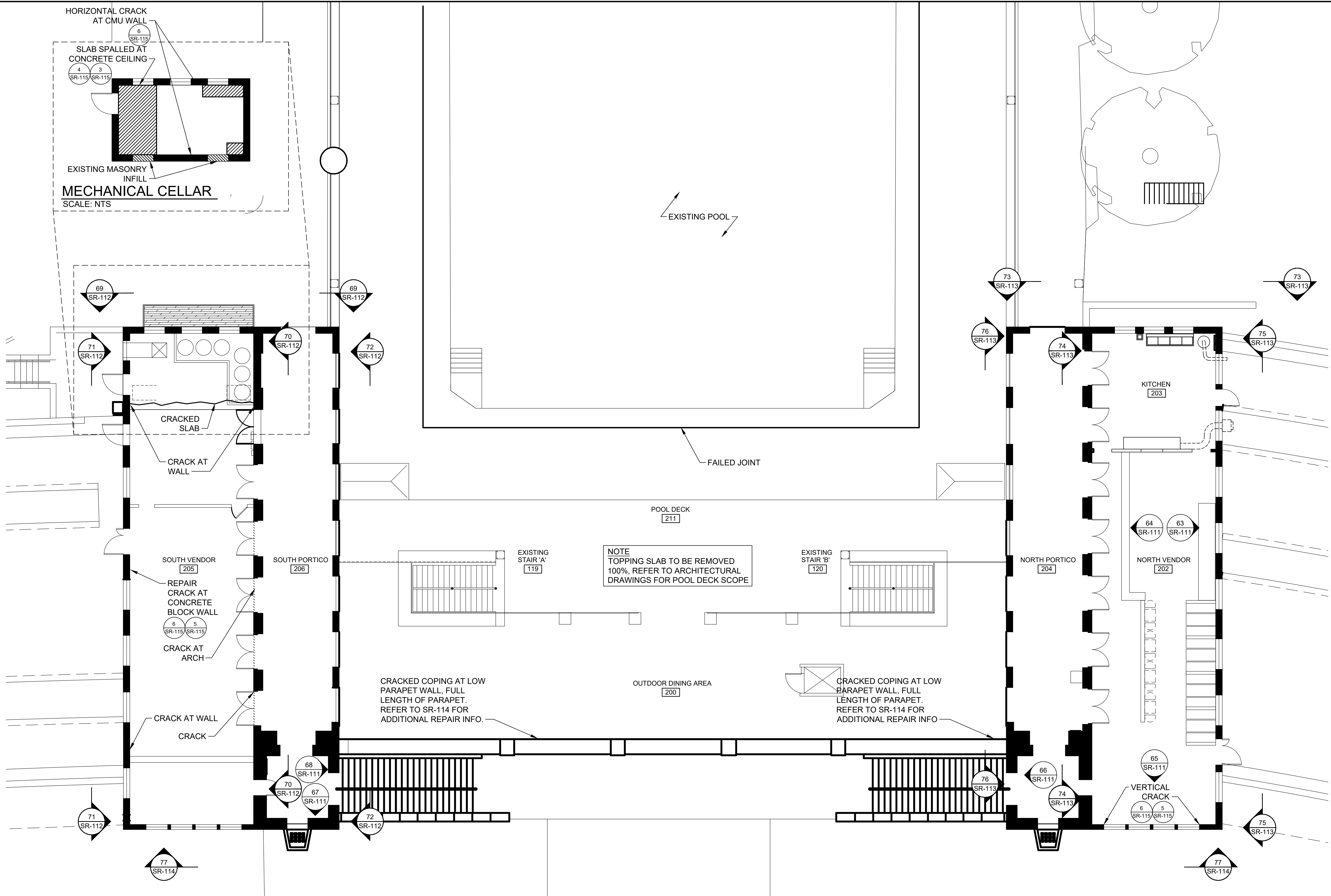
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MADE BY **DC**

REVISION	DATE	MADE BY	APP'D BY	REVISION	

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☐ AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
	DATE		DATE

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-103
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK BATHHOUSE REFLECTED CEILING PLAN DEFECTS AND REPAIRS		SHEET NO. 78 OF 201	SCALE: DATE: NOVEMBER 10, 2020
		DPW FILE NO. 1-19-S-435	REV. NO. 0



TUNNEL

010

ROOM NAME

ROOM NUMBER

CRACK AT CONCRETE CEILING

SPALL AT CONCRETE CEILING

GENERAL NOTES

1. CONTRACTOR TO REPAIR ALL CRACK CONDITIONS SHOWN, REFER TO SHEET SR-115 FOR ADDITIONAL REPAIR INFORMATION.

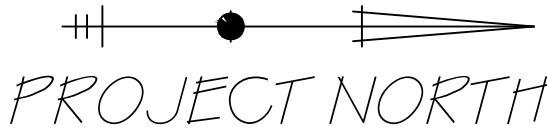
2. CONTRACTOR TO REFER TO REPAIR SCHEDULE FOR REPAIR QUANTITIES, SEE SR-115.

3. CONTRACTOR TO NOTIFY ARCHITECT/ENGINEER FOR CONDITIONS THAT REQUIRE REPAIR NOT SHOWN.

4. TUNNEL CONSTRUCTION CONSISTS OF REINFORCED CONCRETE WALLS AND ROOF WITH CONCRETE SLAB ON GROUND.

5. AT BATHHOUSE LEVEL INTERIOR WALLS ARE CMU WITH VARIOUS THICKNESS OF STUCCO, U.O.N. BATHHOUSE LEVEL CEILING IS REINFORCED CONCRETE.

POOL DECK LEVEL PLAN DEFECTS AND REPAIRS & KEYPLAN
SCALE: NTS



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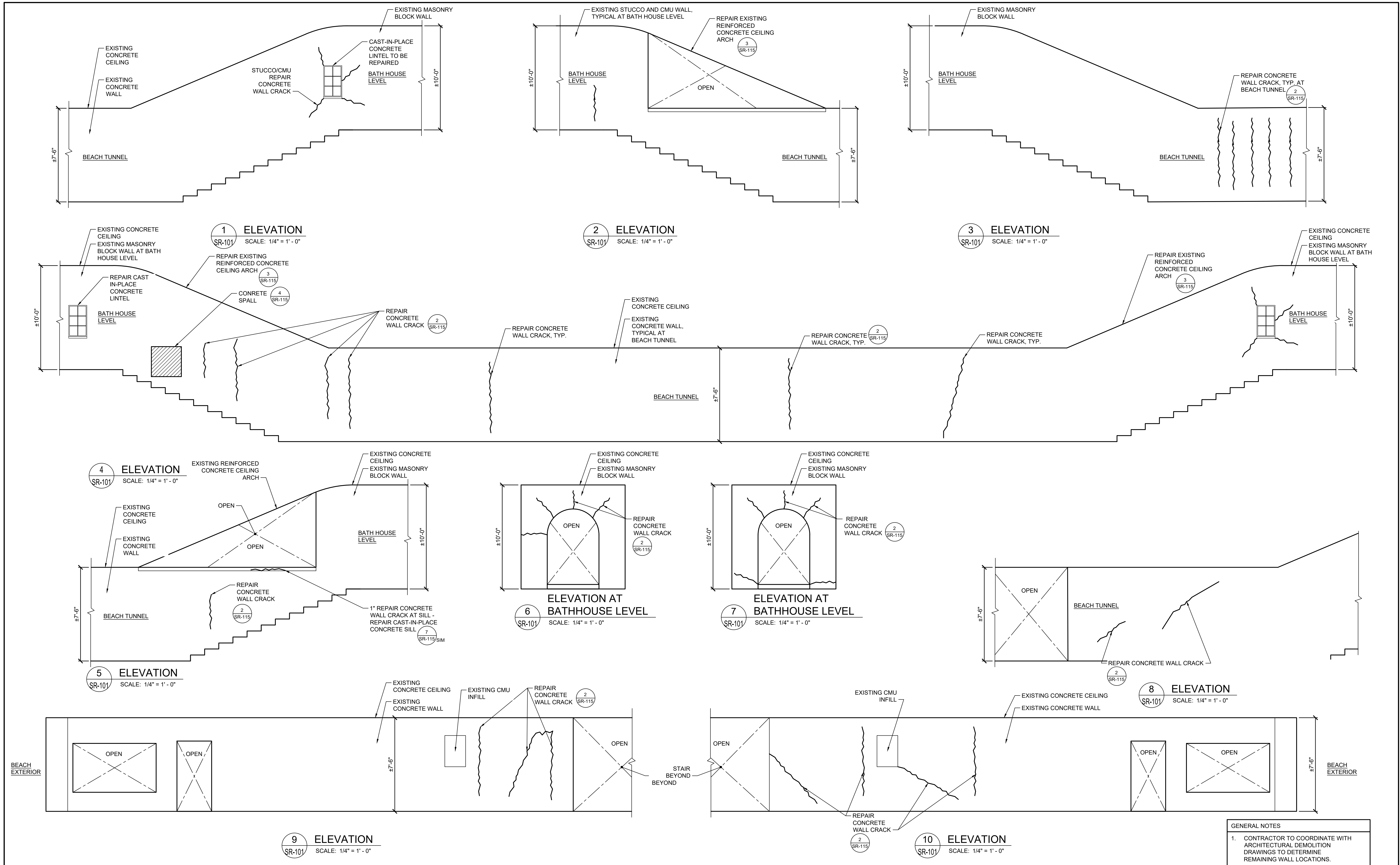
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☐ AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-104
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK POOL DECK LEVEL PLAN DEFECTS AND REPAIRS & KEYPLAN		SHEET NO. 79 OF 201	SCALE: DATE: NOVEMBER 10, 2020
		DPW FILE NO. 1-19-S-436	REV. NO. 0



GENERAL NOTES

1. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS TO DETERMINE REMAINING WALL LOCATIONS.



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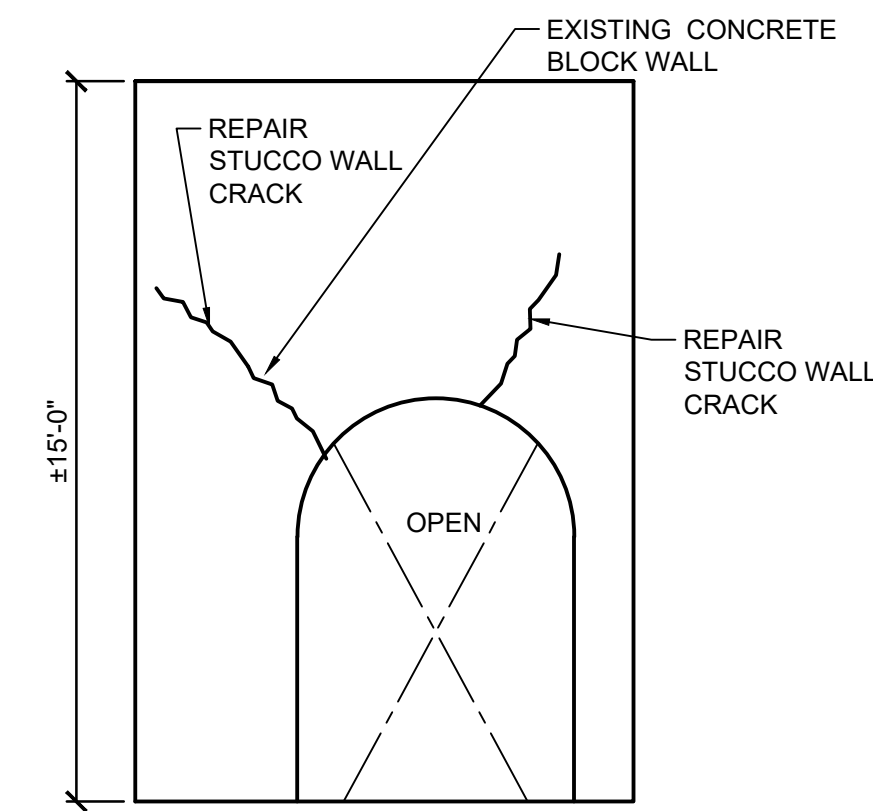
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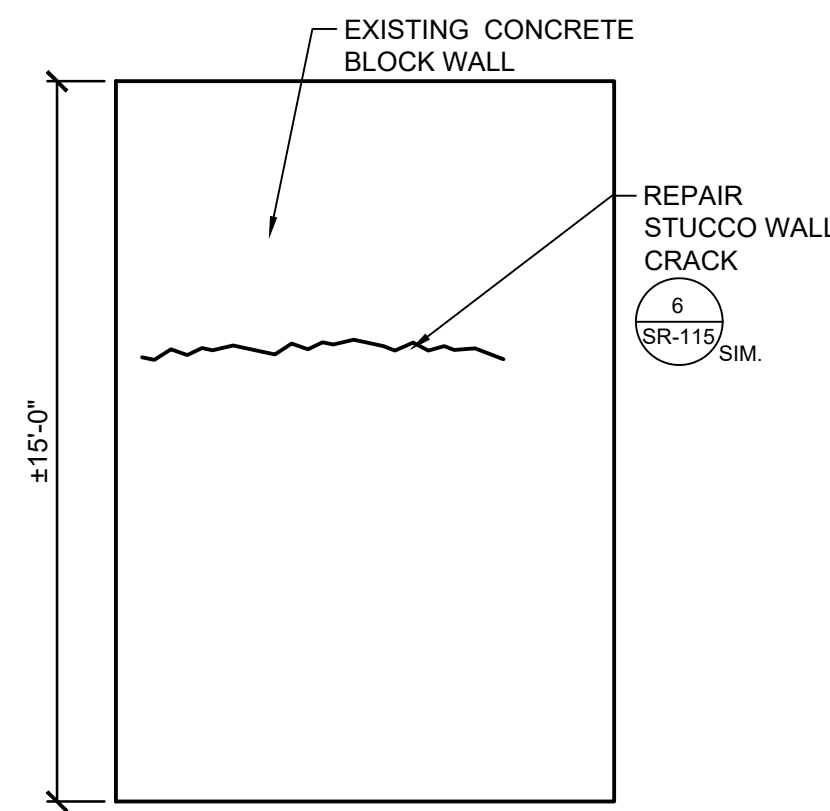
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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☐ AS BUILT - CHANGES AS NOTED			
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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
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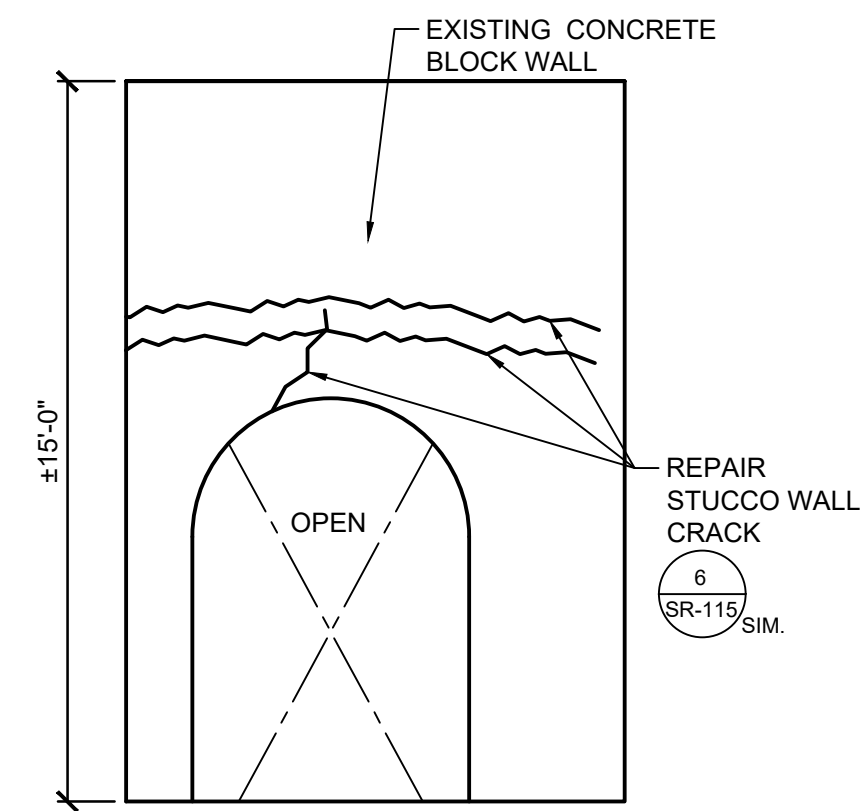
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING	
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK TUNNEL INTERIOR ELEVATIONS DEFECTS AND REPAIRS	
CONTRACT NUMBER 20-504	SHEET NUMBER SR-105
SHEET NO. 80 OF 201	
SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO.	REV. NO. 0



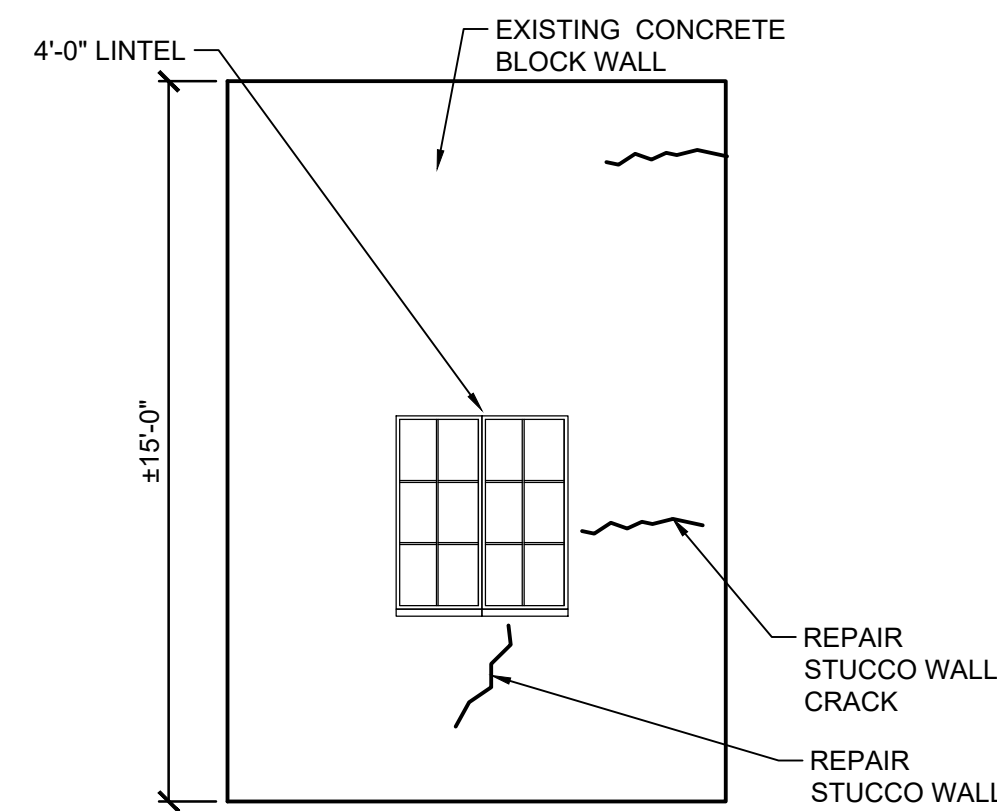
11 ELEVATION
SR-102 SCALE: 1/4" = 1' - 0"



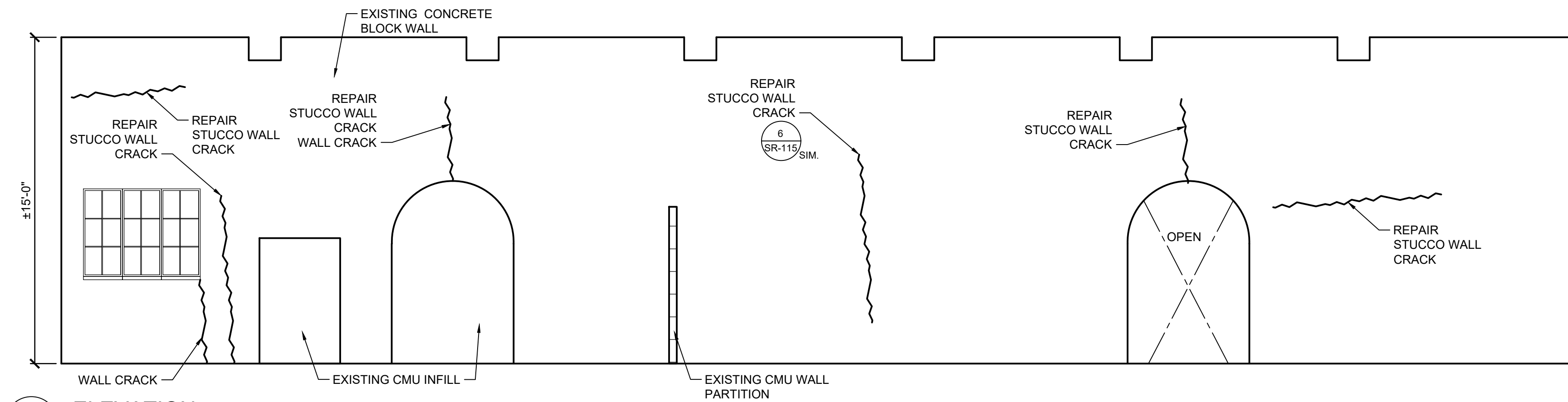
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SR-102 SCALE: 1/4" = 1' - 0"



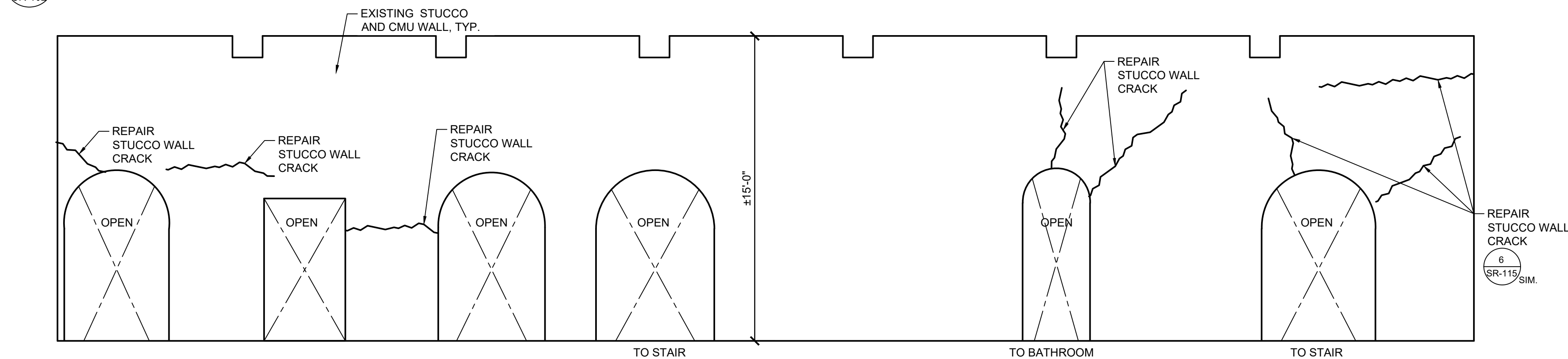
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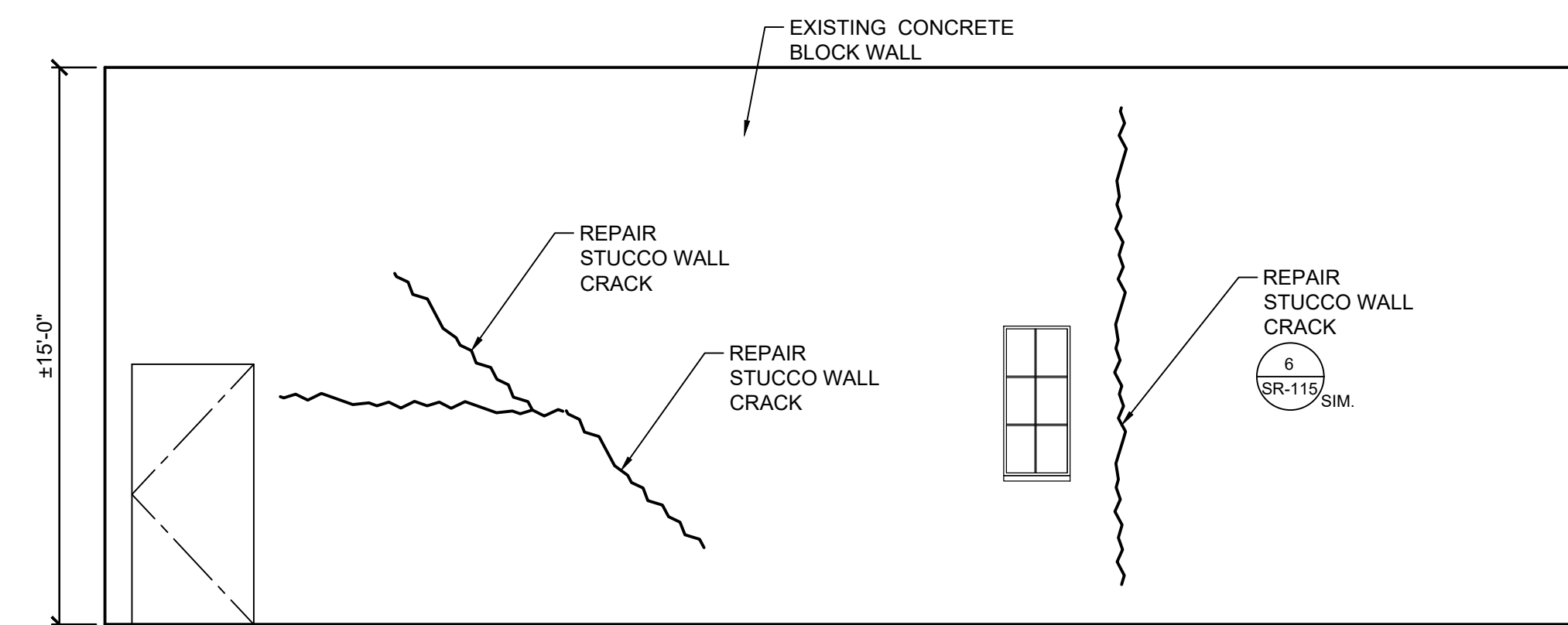
14 ELEVATION
SR-102 SCALE: 1/4" = 1' - 0"



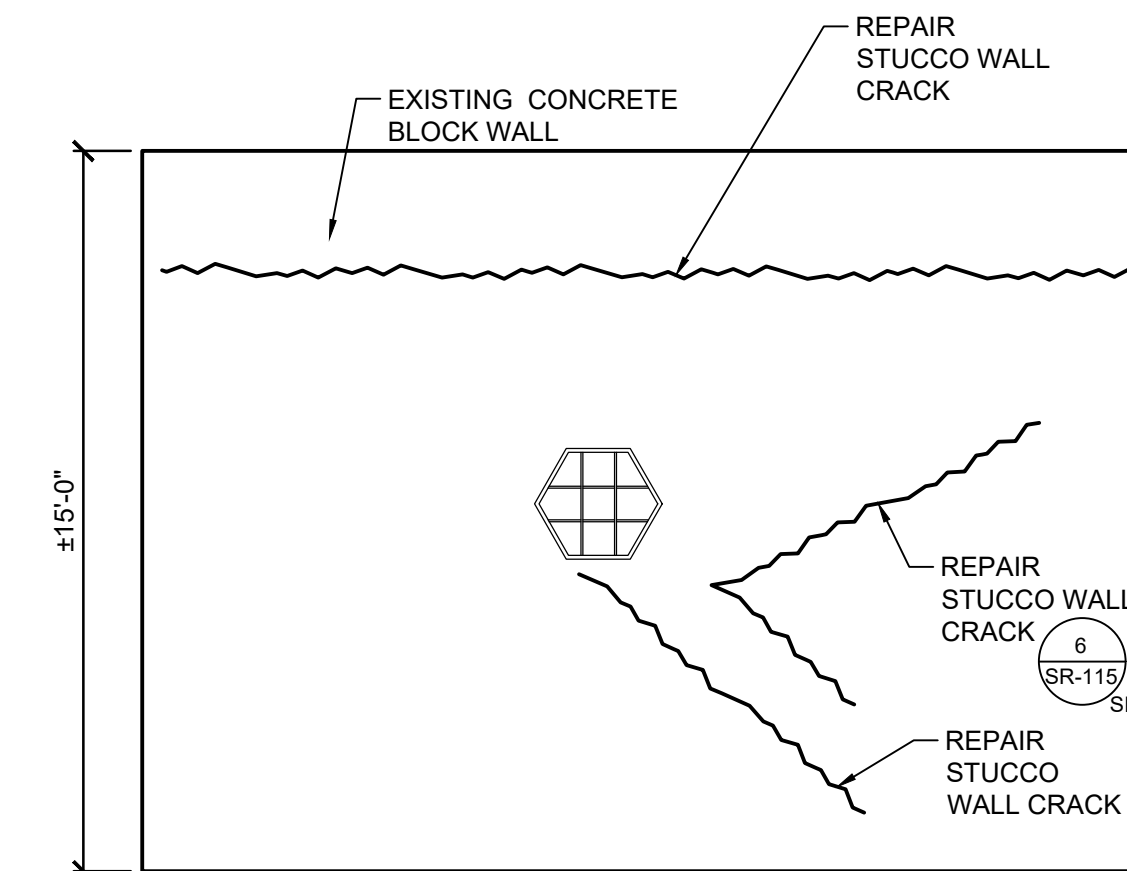
15 ELEVATION
SR-102 SCALE: 1/4" = 1' - 0"



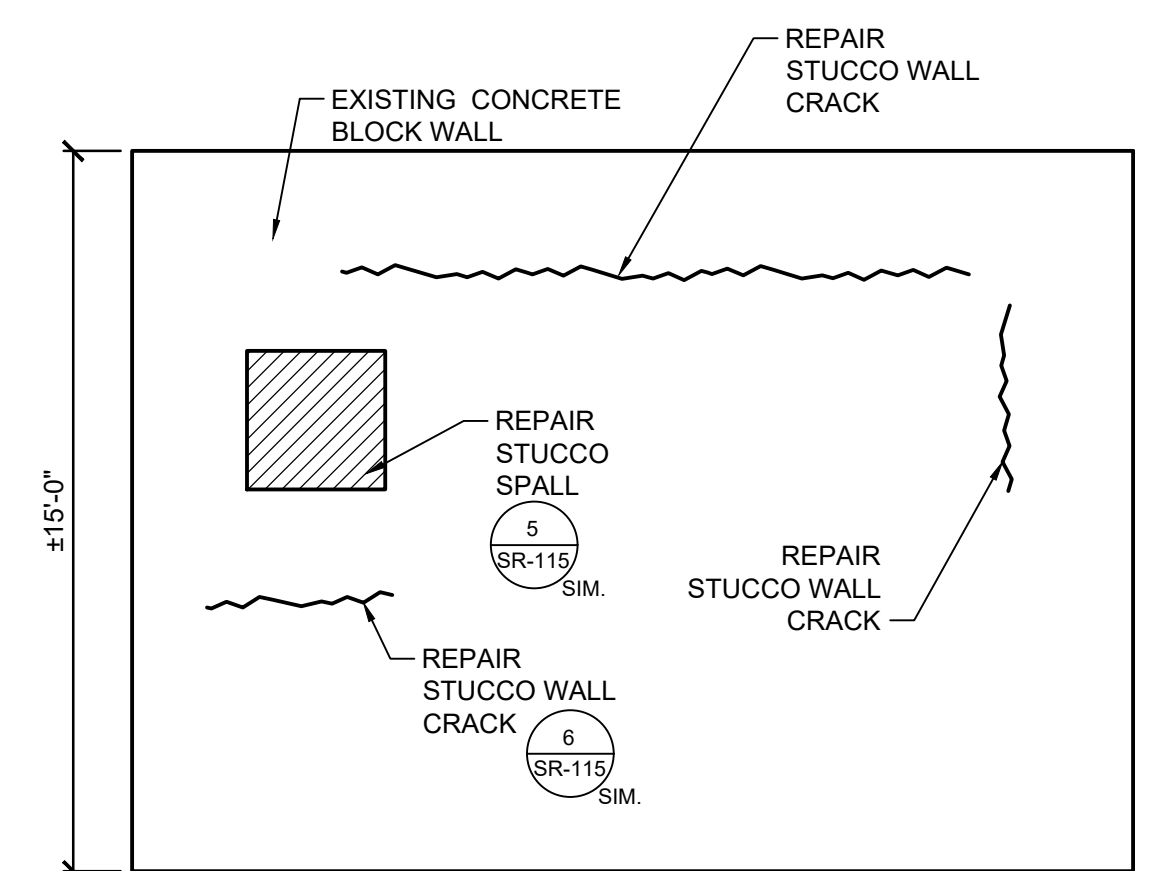
16 ELEVATION
SR-102 SCALE: 1/4" = 1' - 0"



19 ELEVATION
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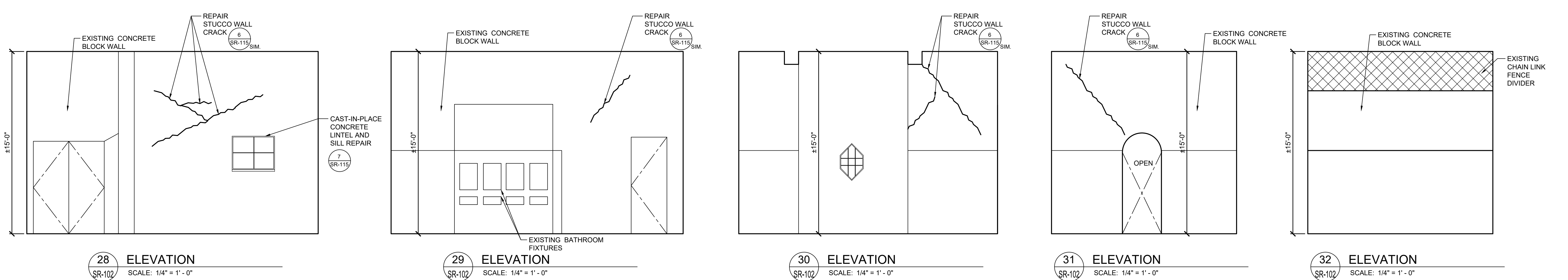
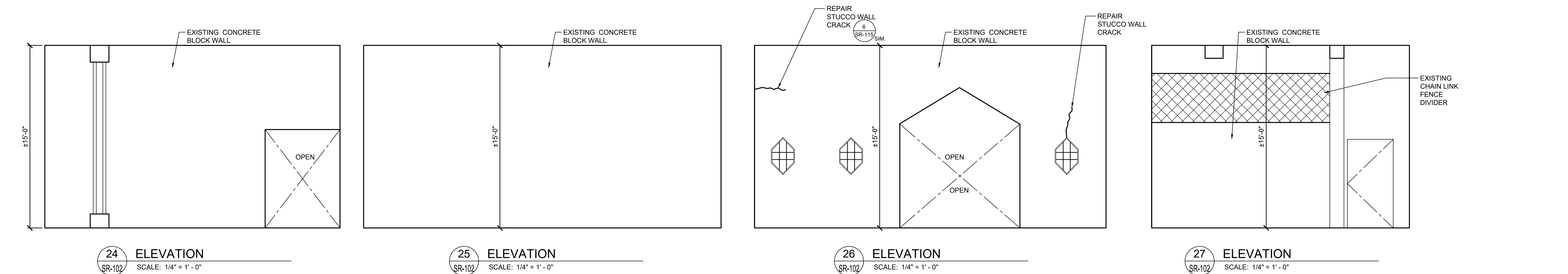
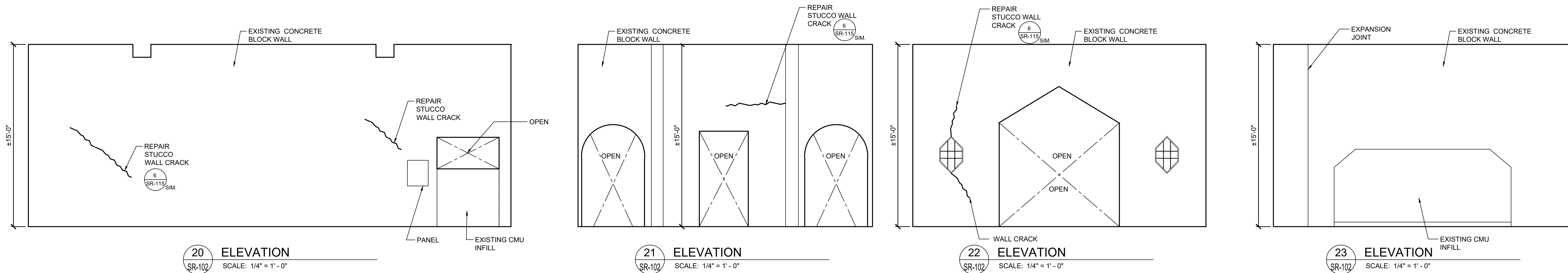


17 ELEVATION
SR-102 SCALE: 1/4" = 1' - 0"



18 ELEVATION
SR-102 SCALE: 1/4" = 1' - 0"

- GENERAL NOTES
- CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS TO DETERMINE REMAINING WALL LOCATIONS.



GENERAL NOTES

1. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS TO DETERMINE REMAINING WALL LOCATIONS.



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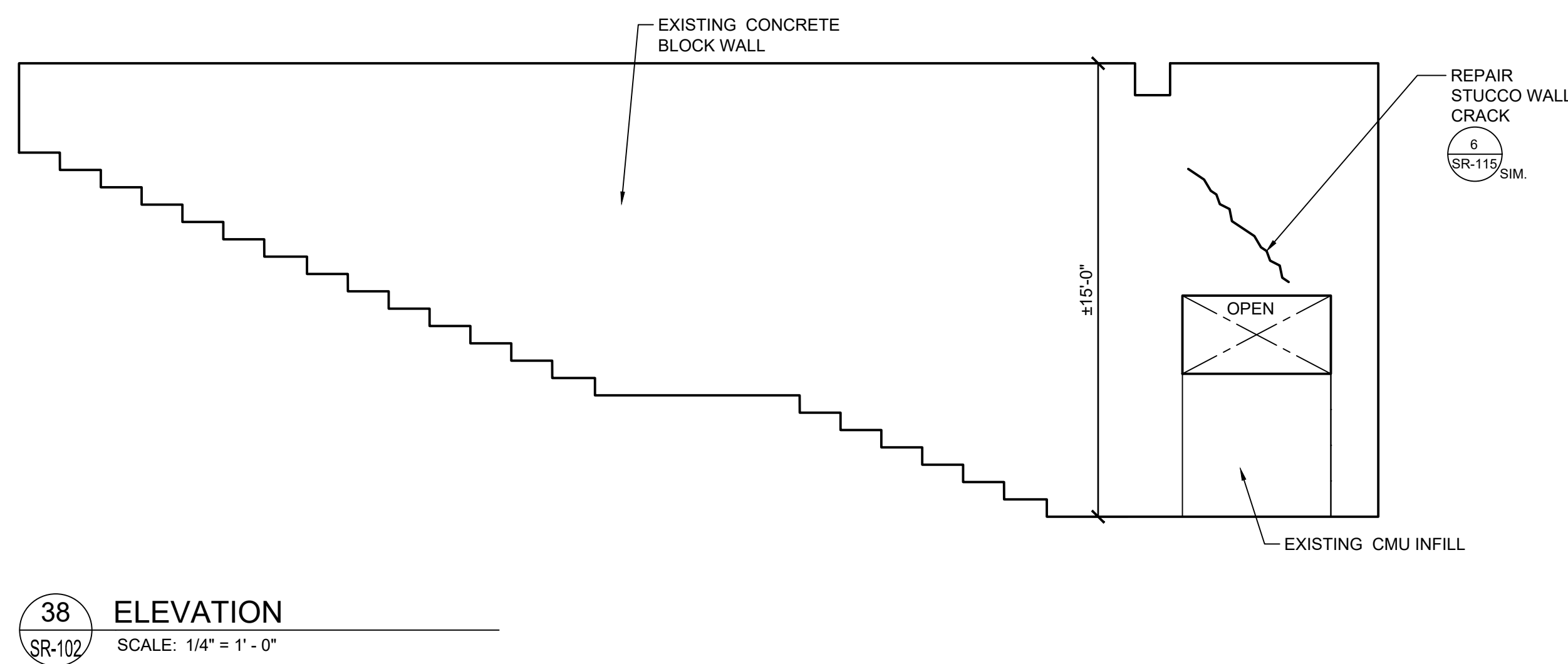
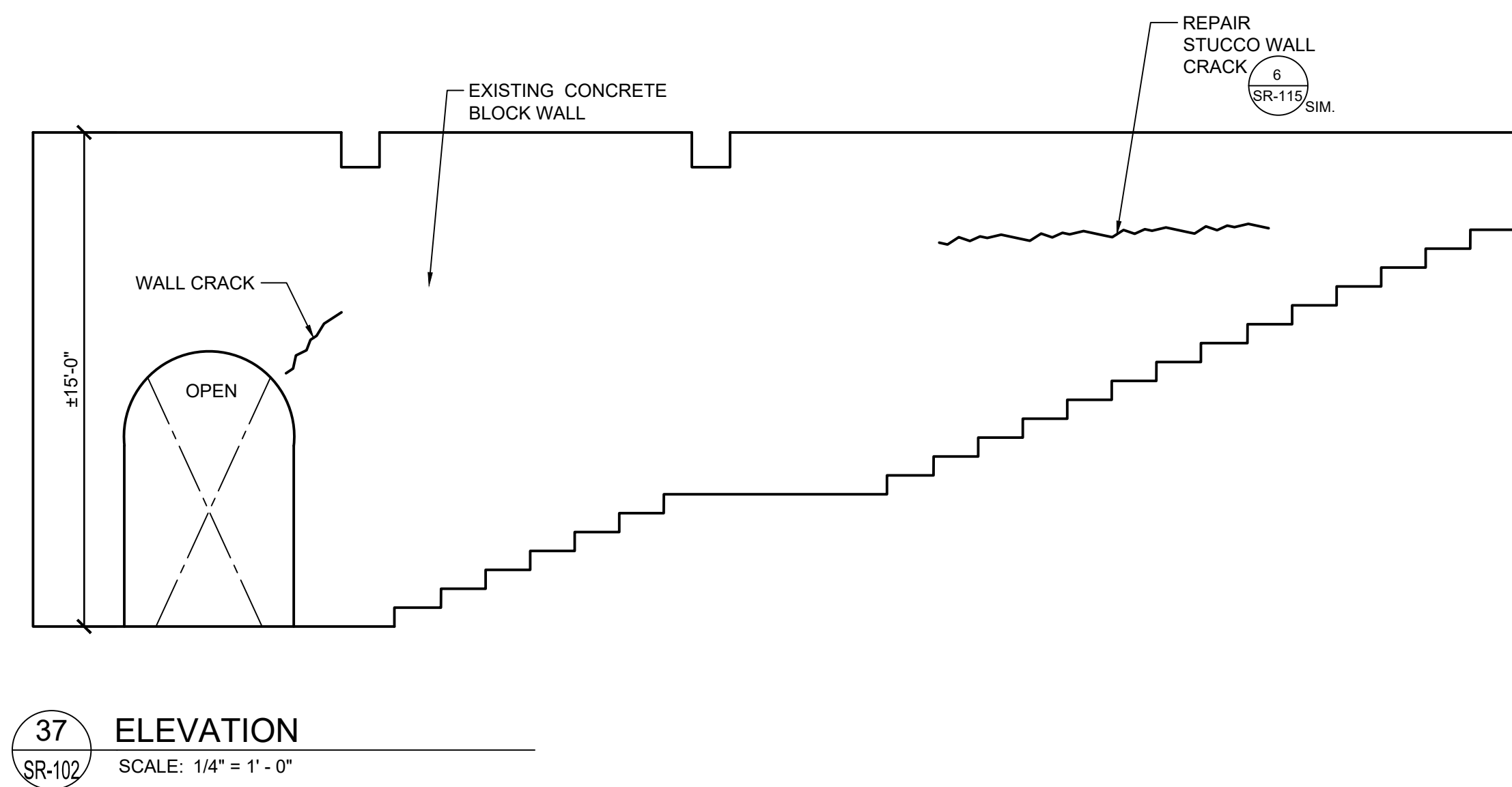
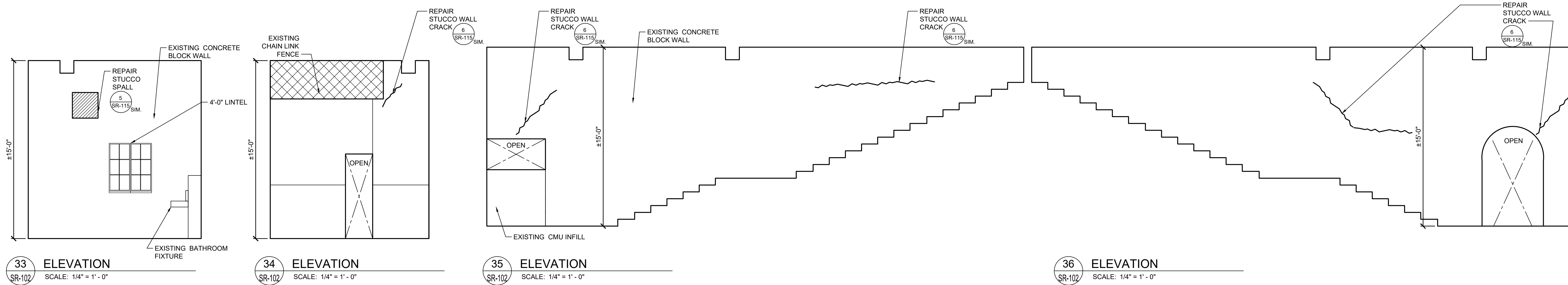
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10/19/2020

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RECORD DRAWING CERTIFICATION			
☐ AS BUILT - CHANGES AS NOTED			
☐ AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-107
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK BATHHOUSE INTERIOR ELEVATIONS DEFECTS AND REPAIRS NO.2		SHEET NO. 82 OF 201	
		SCALE: DATE: NOVEMBER 10, 2020	REV. NO. 0
		DPW FILE NO. 1-19-S-439	



GENERAL NOTES

1. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS TO DETERMINE REMAINING WALL LOCATIONS.



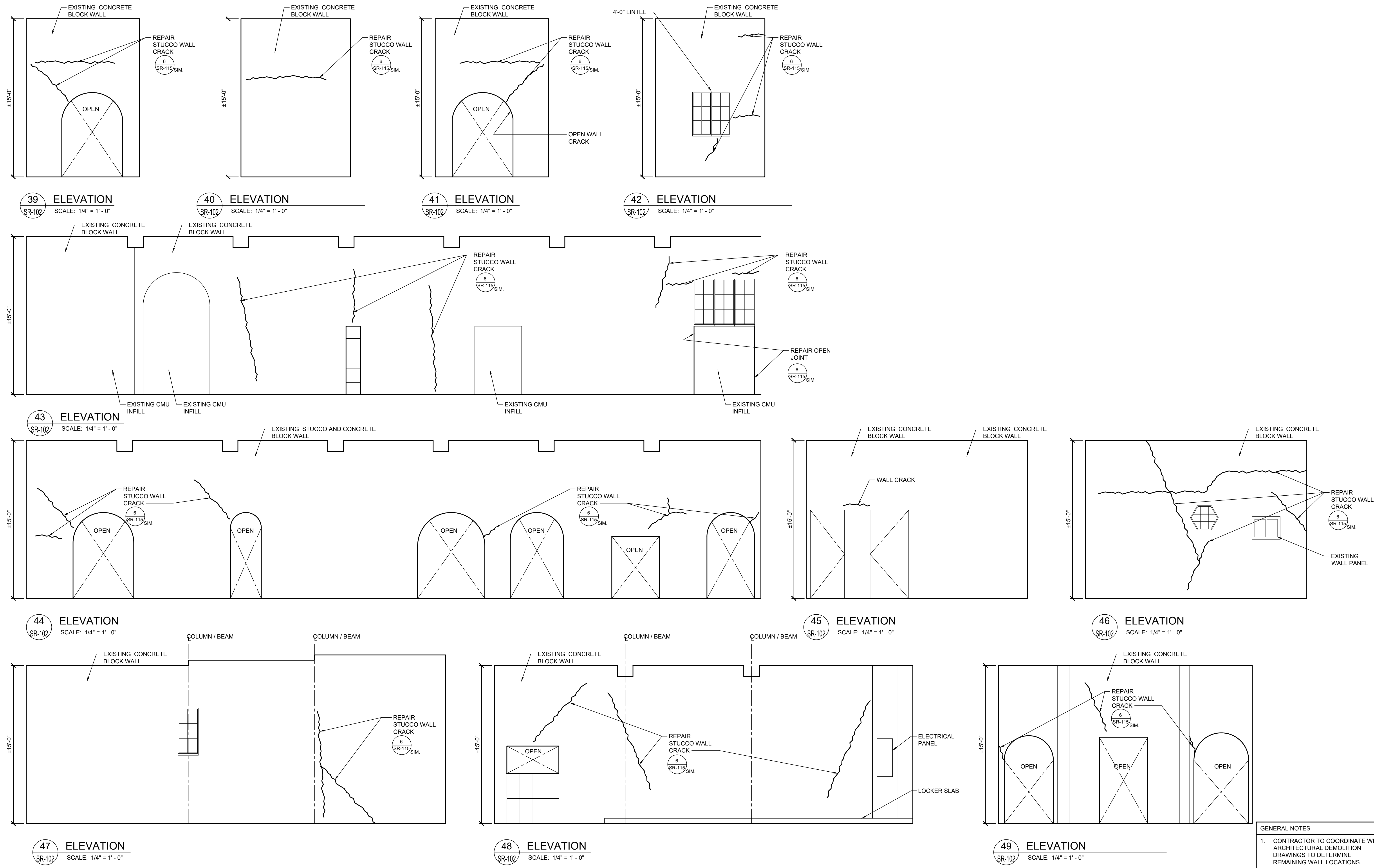
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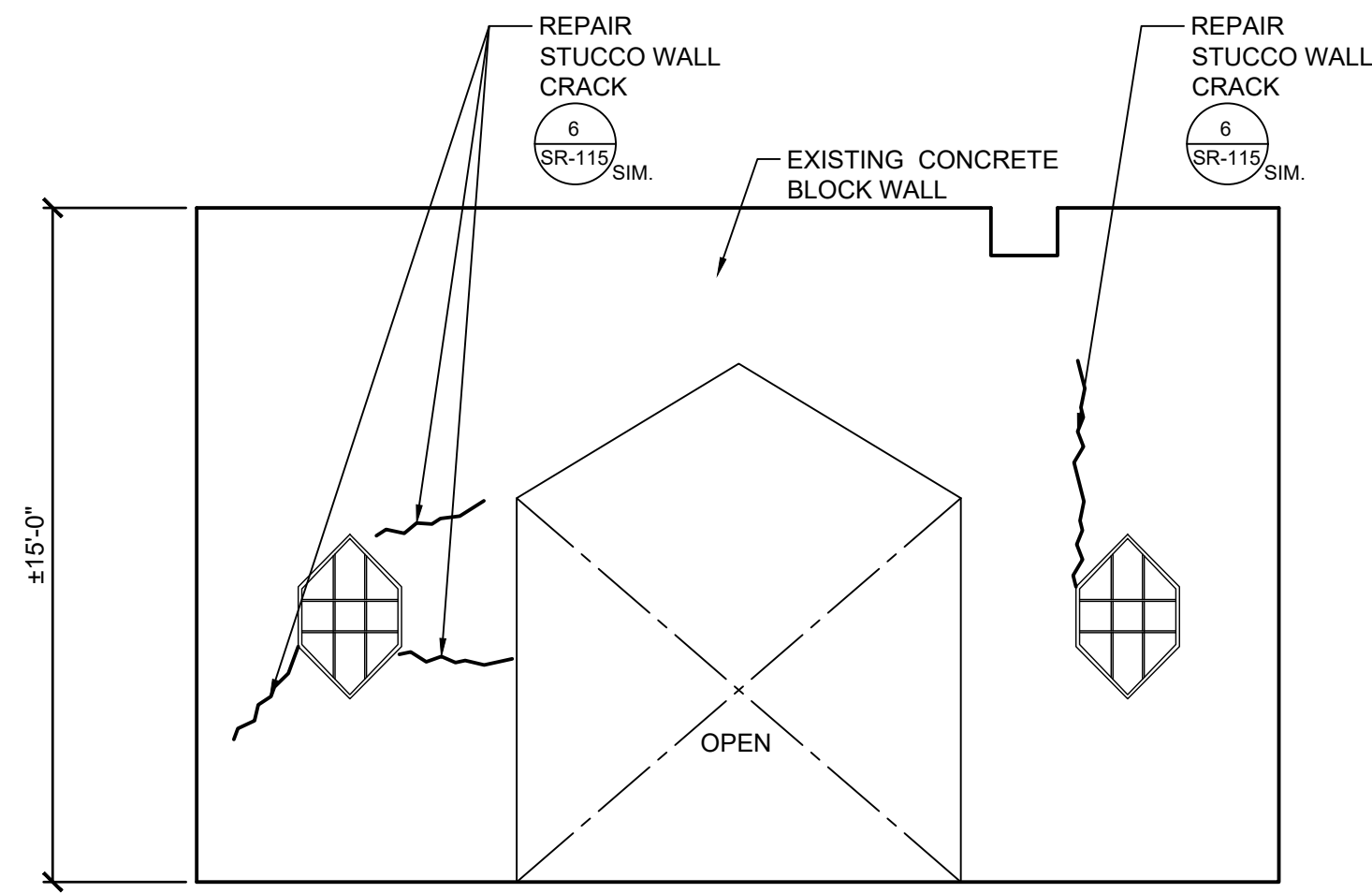
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

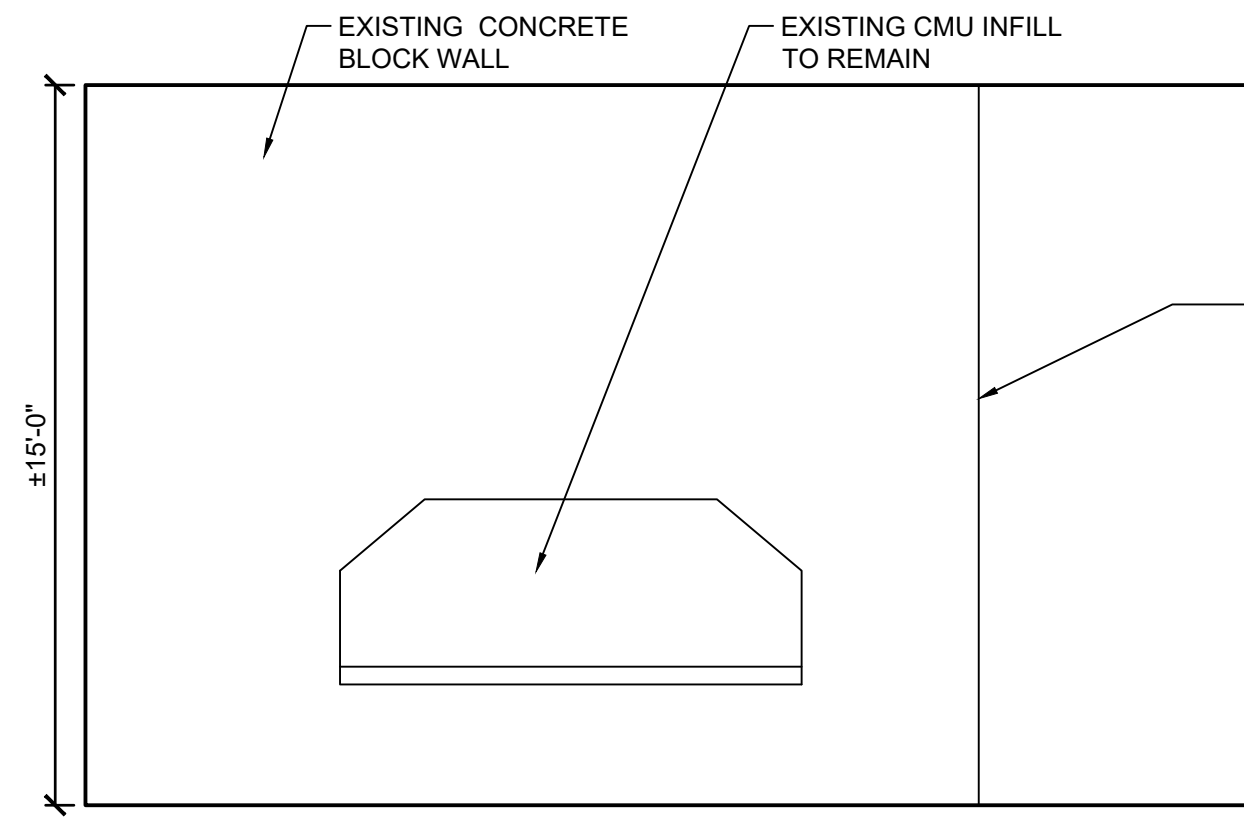
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-108
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK BATHHOUSE INTERIOR ELEVATIONS DEFECTS AND REPAIRS NO.3		SHEET NO. 83 OF 201	
SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO.		REV. NO. 0	

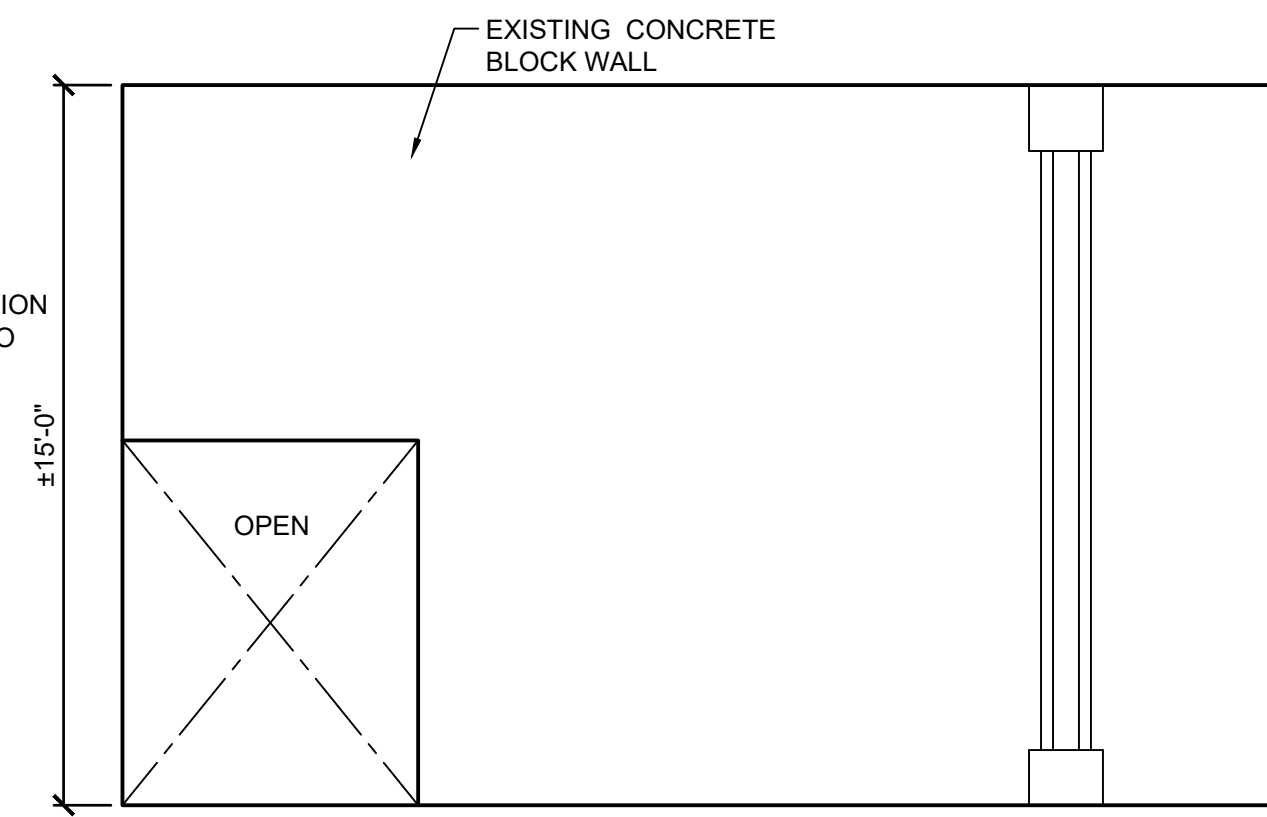




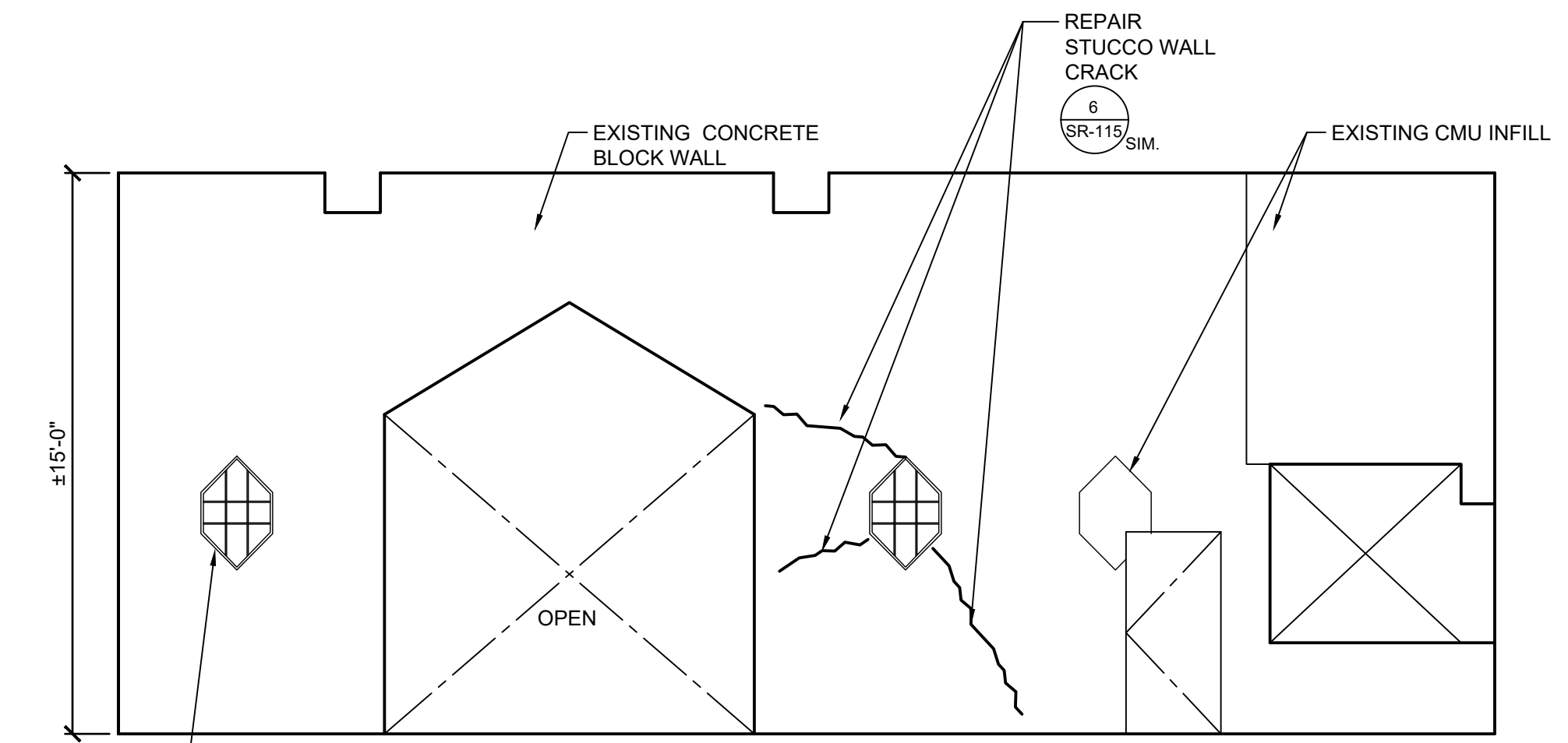
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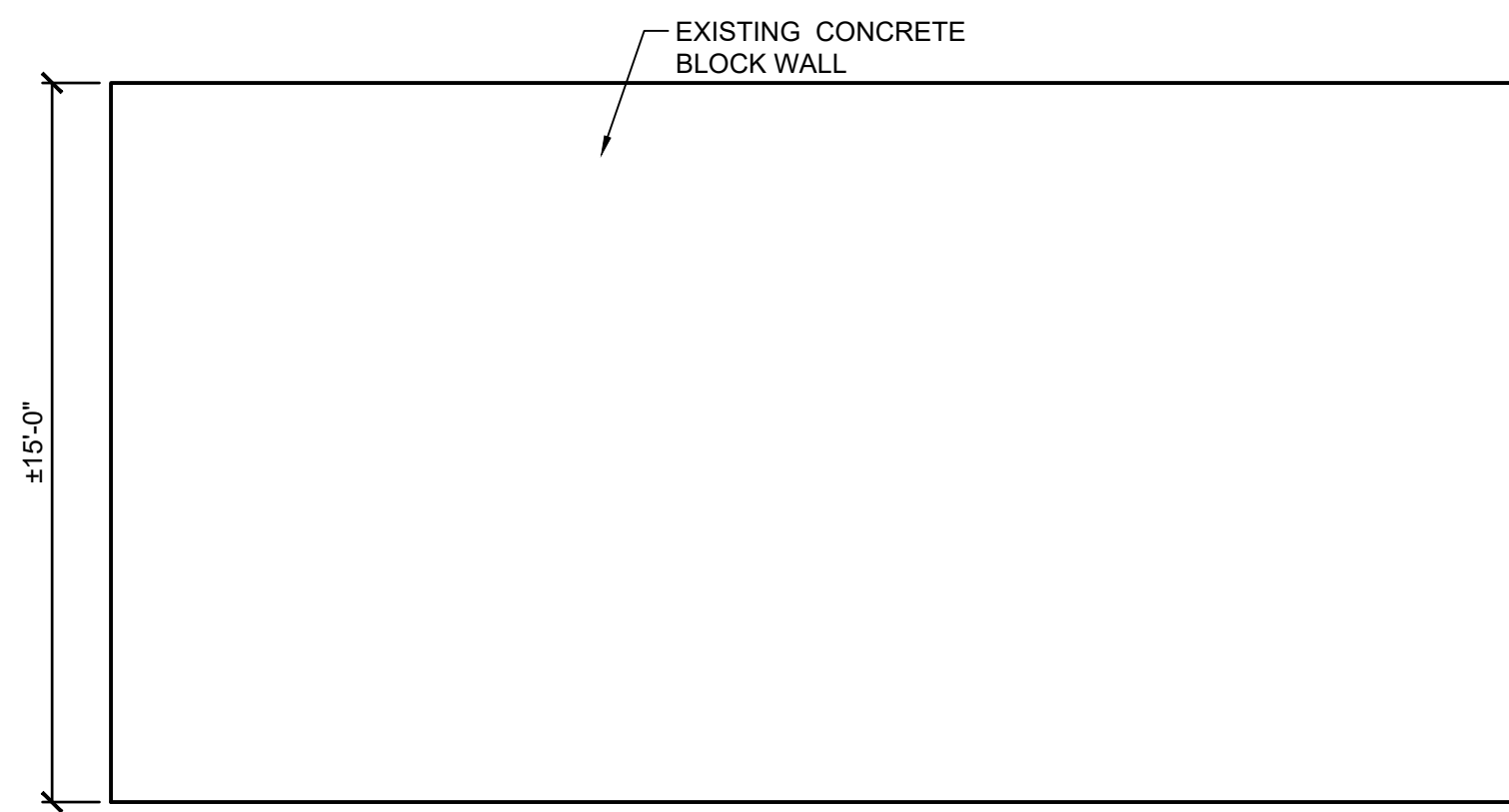
51 ELEVATION
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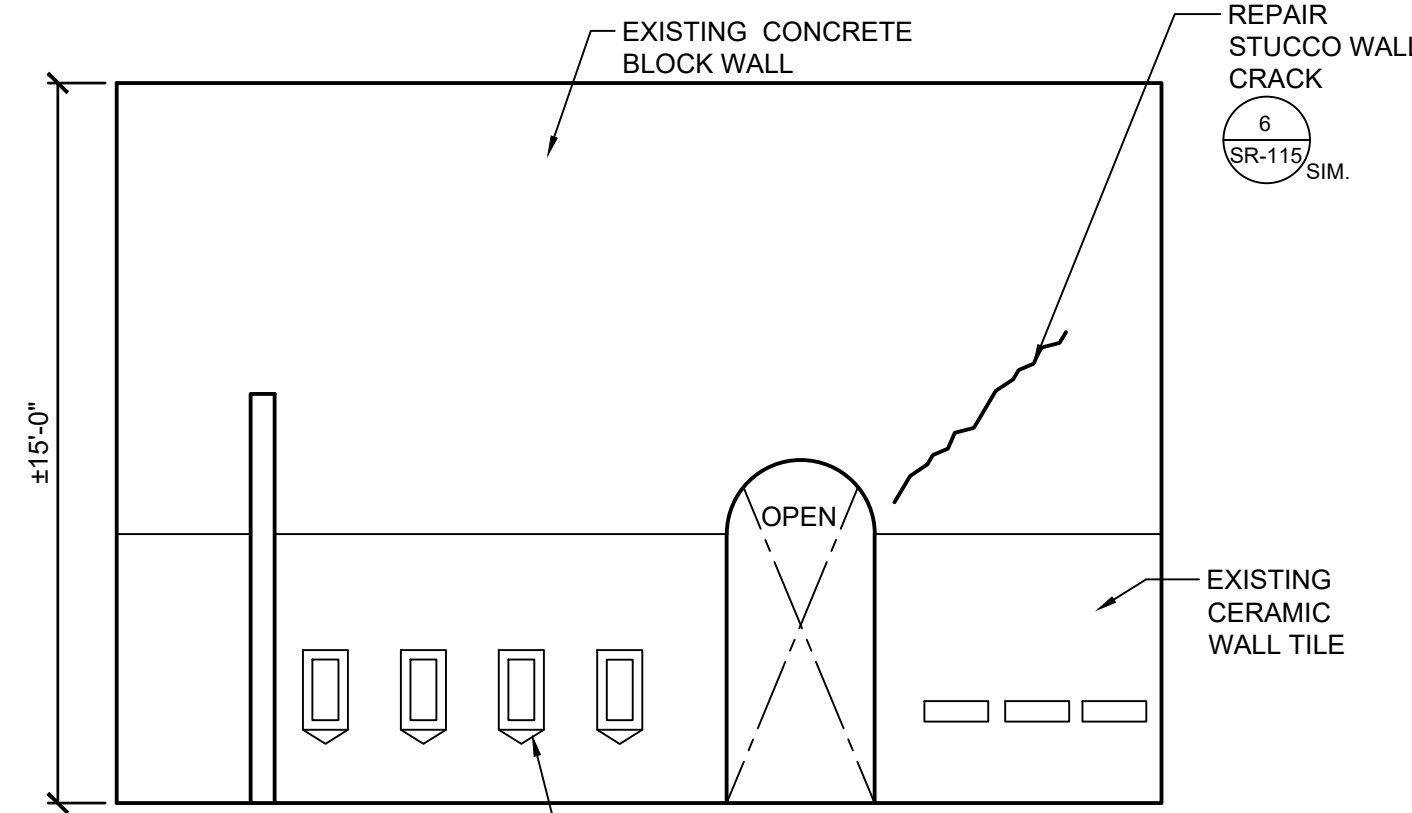
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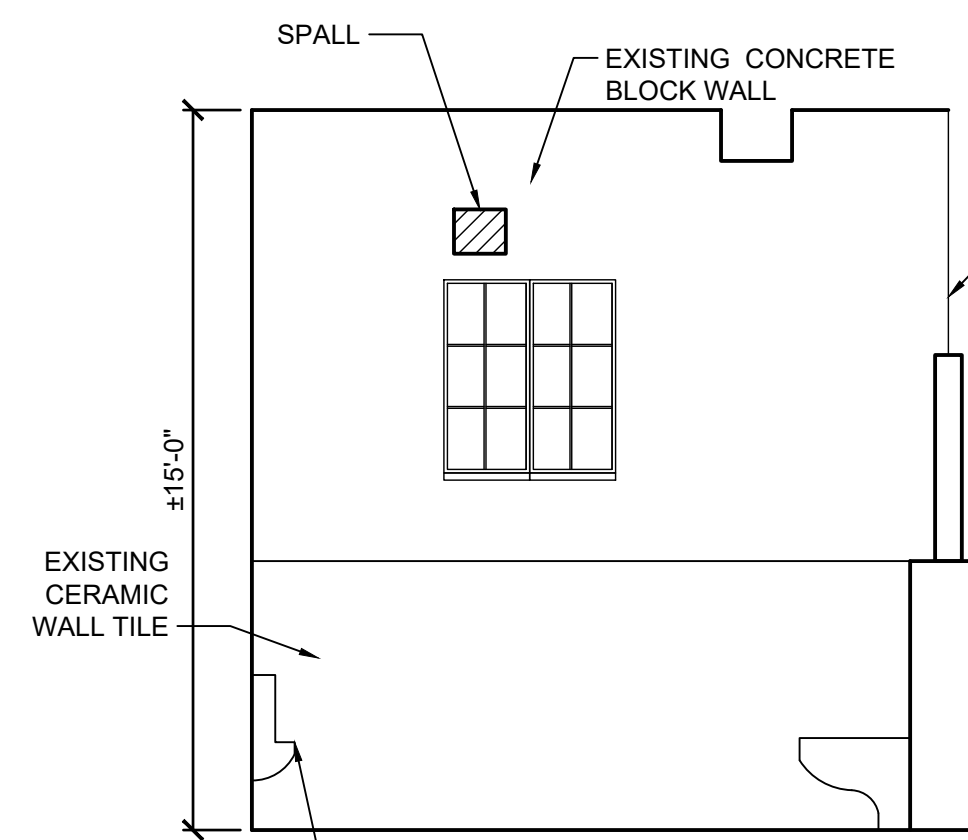
53 ELEVATION
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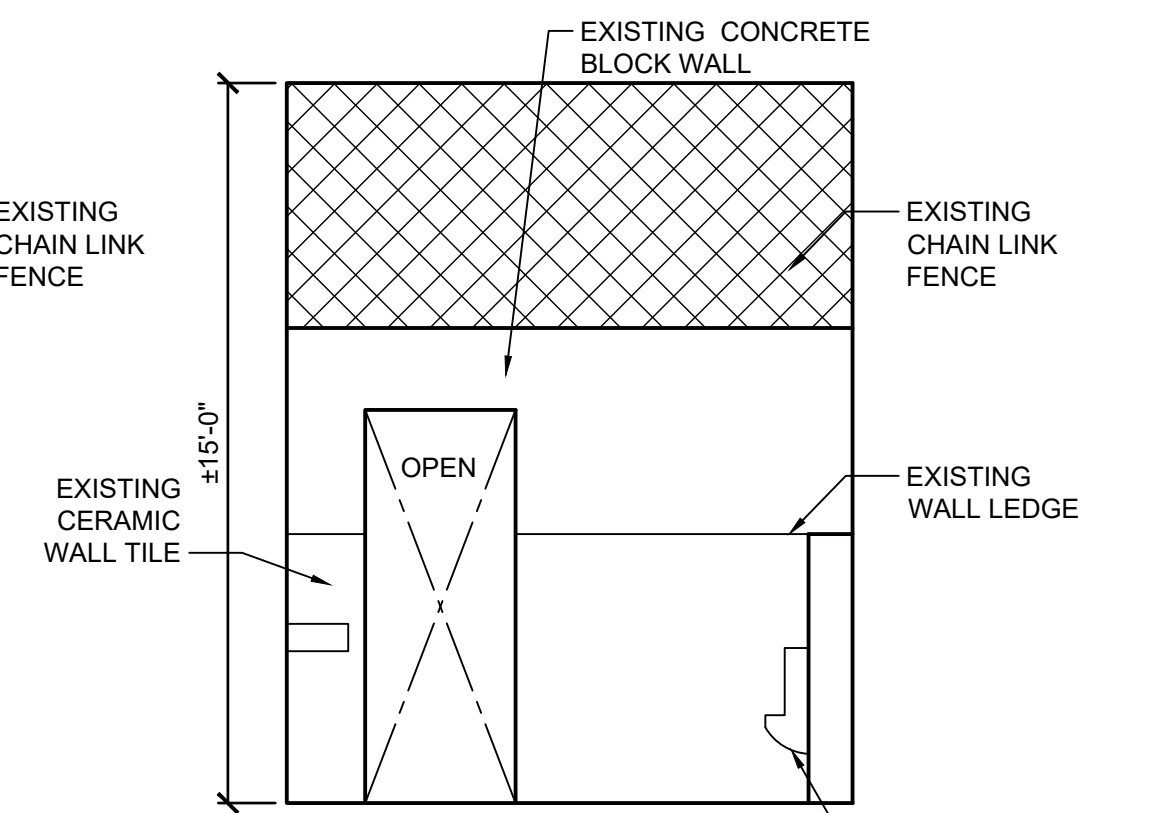
54 ELEVATION
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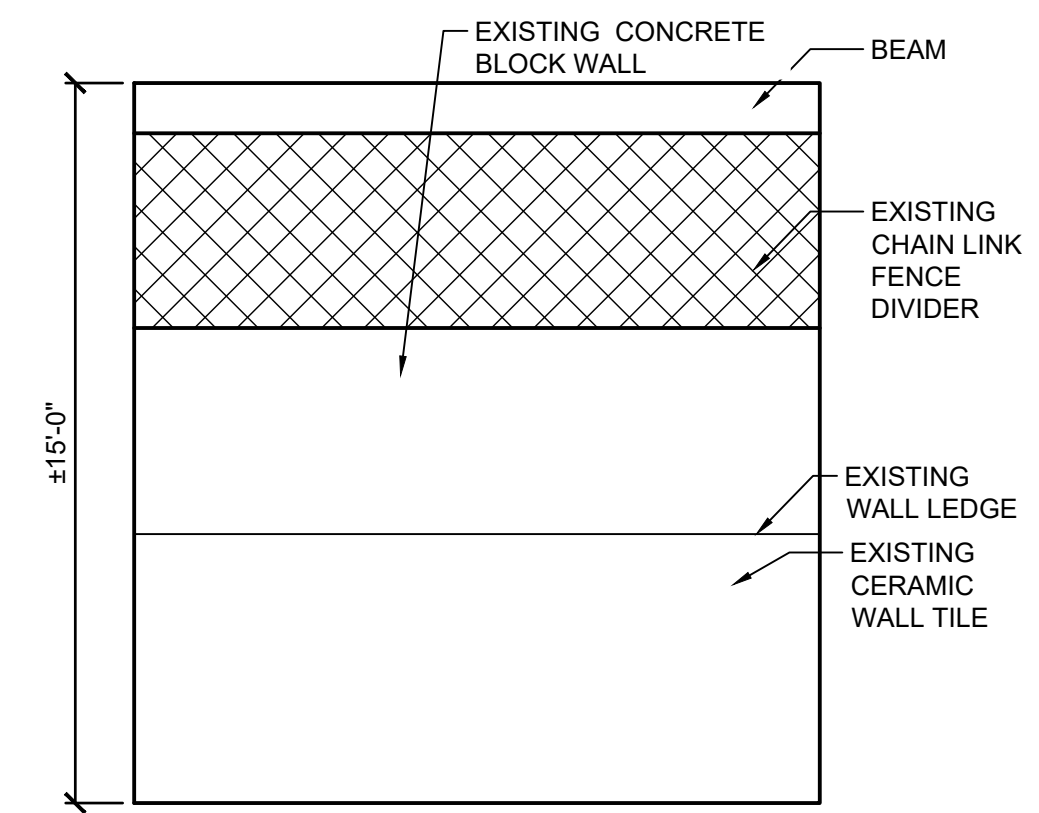
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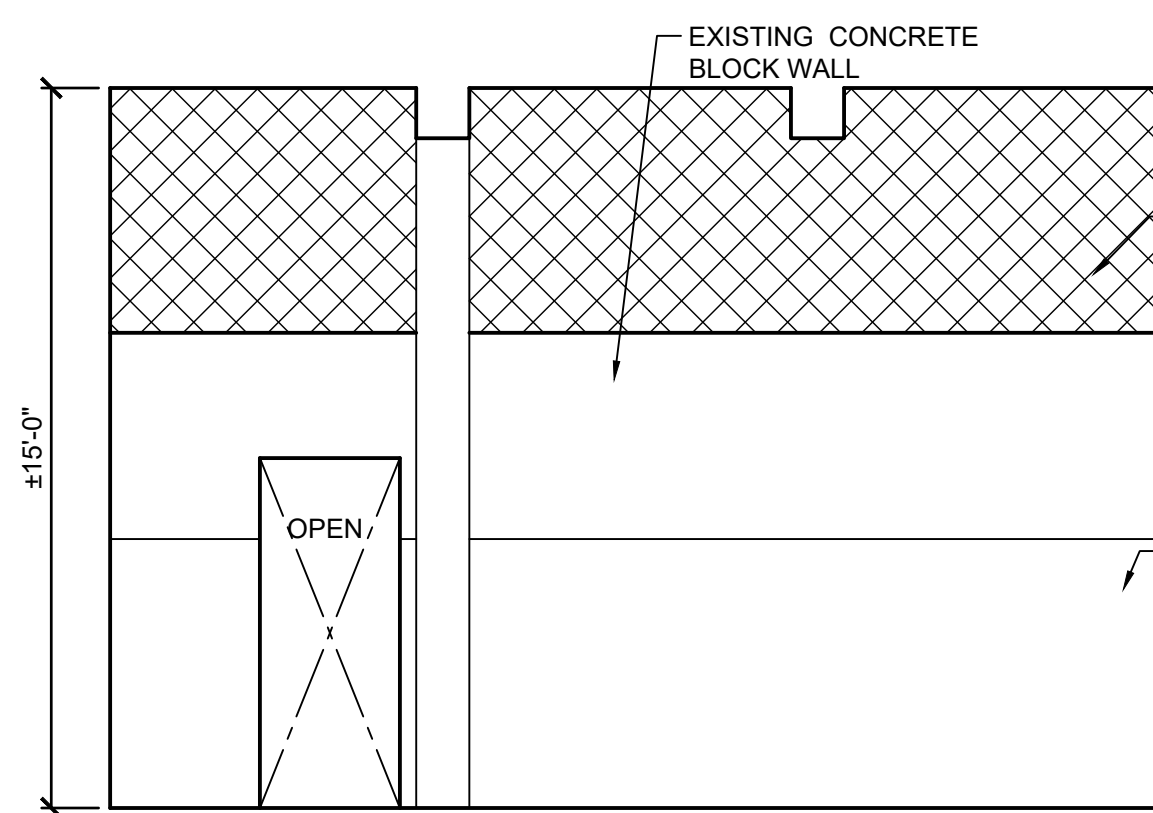
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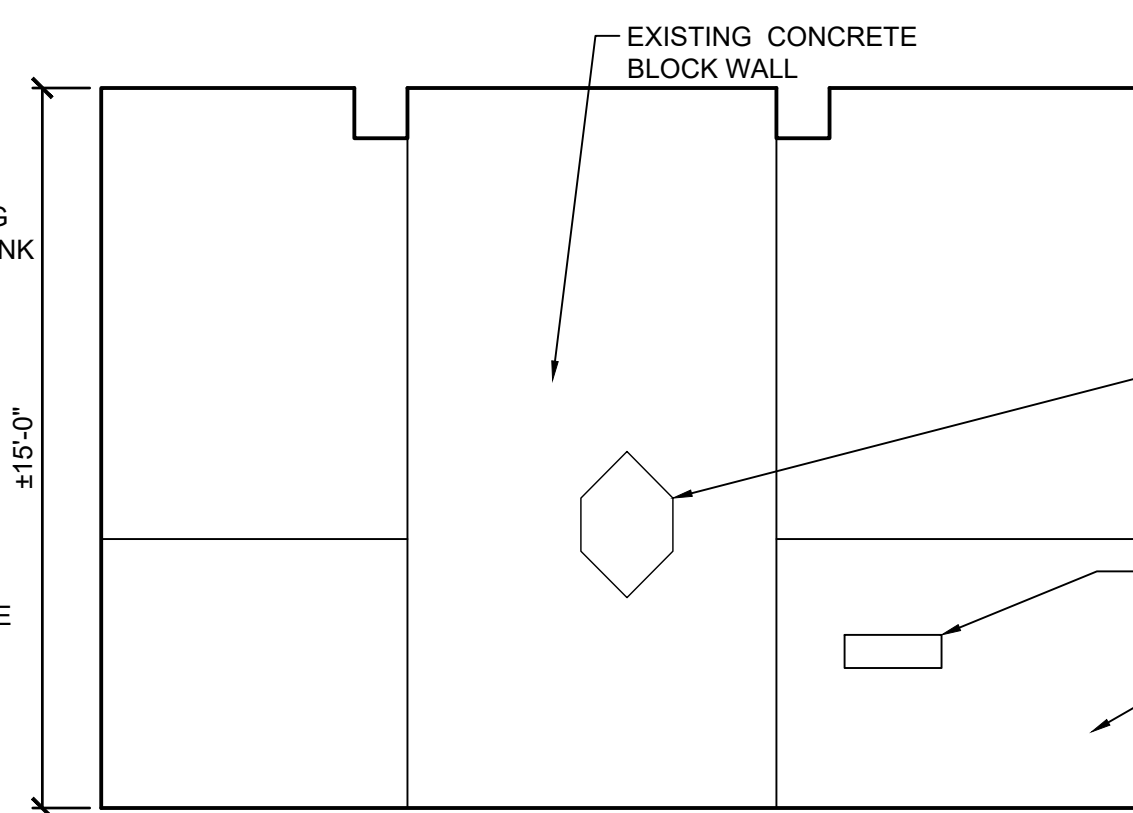
57 ELEVATION
SCALE: 1/4" = 1' - 0"



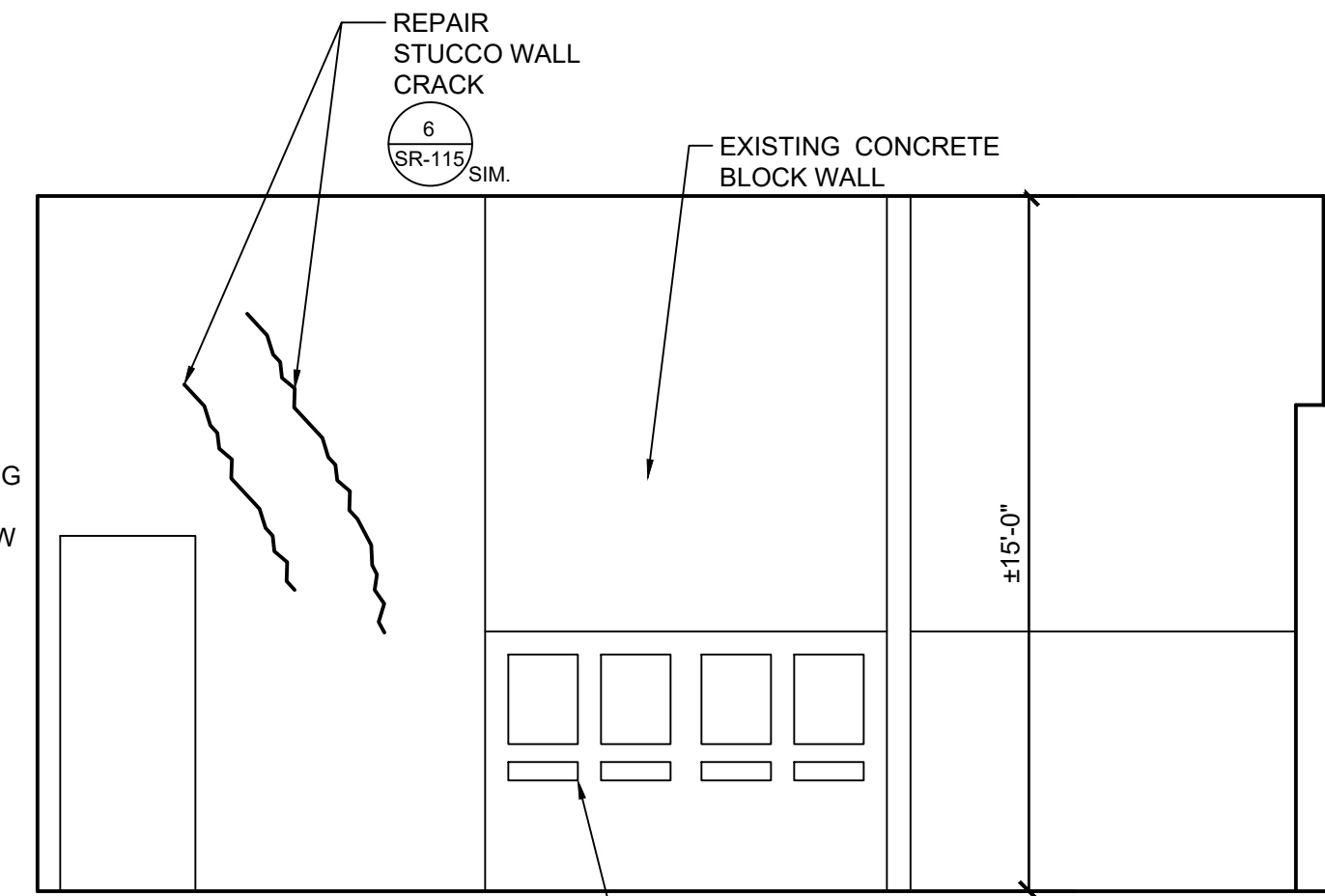
58 ELEVATION
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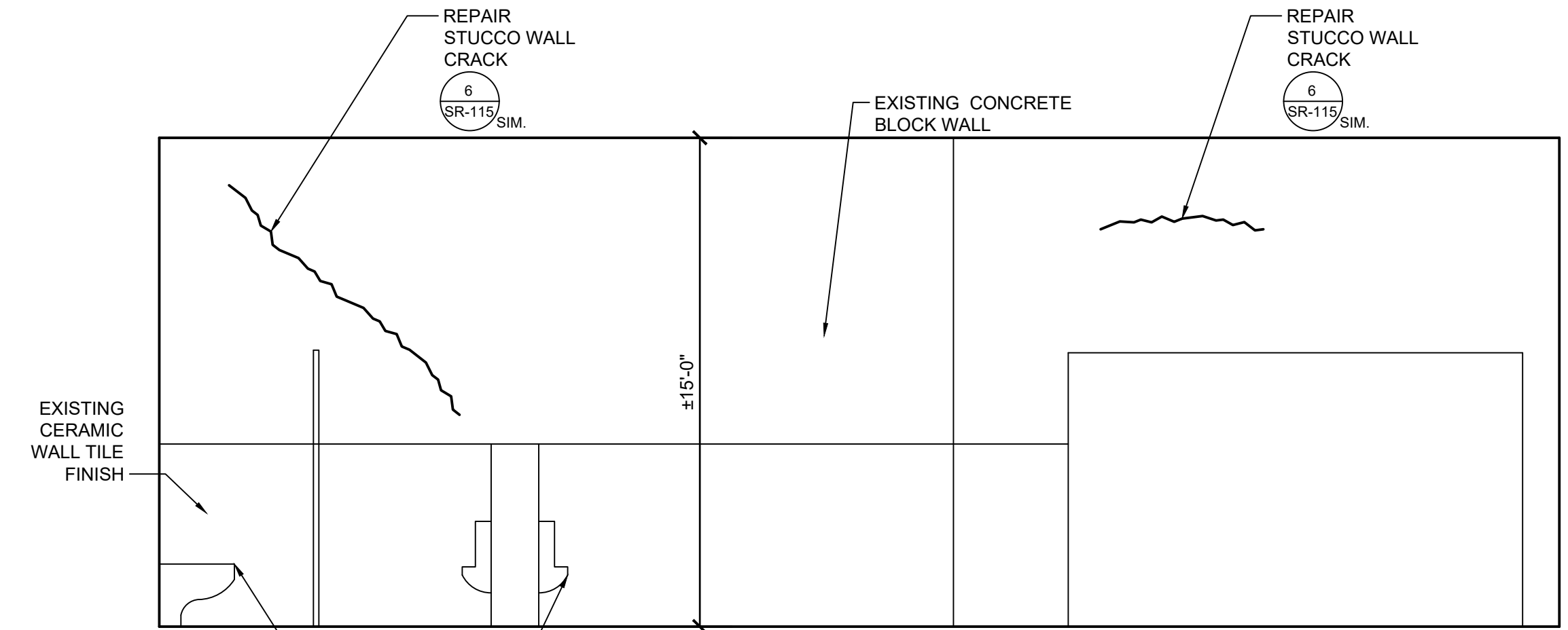
59 ELEVATION
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60 ELEVATION
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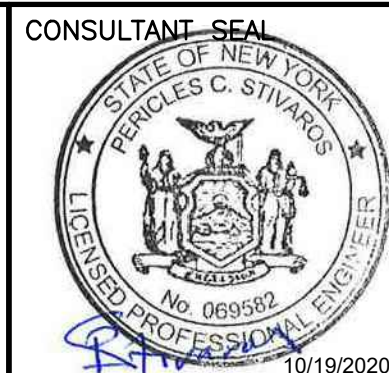


61 ELEVATION
SCALE: 1/4" = 1' - 0"



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

- GENERAL NOTES
- CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS TO DETERMINE REMAINING WALL LOCATIONS.



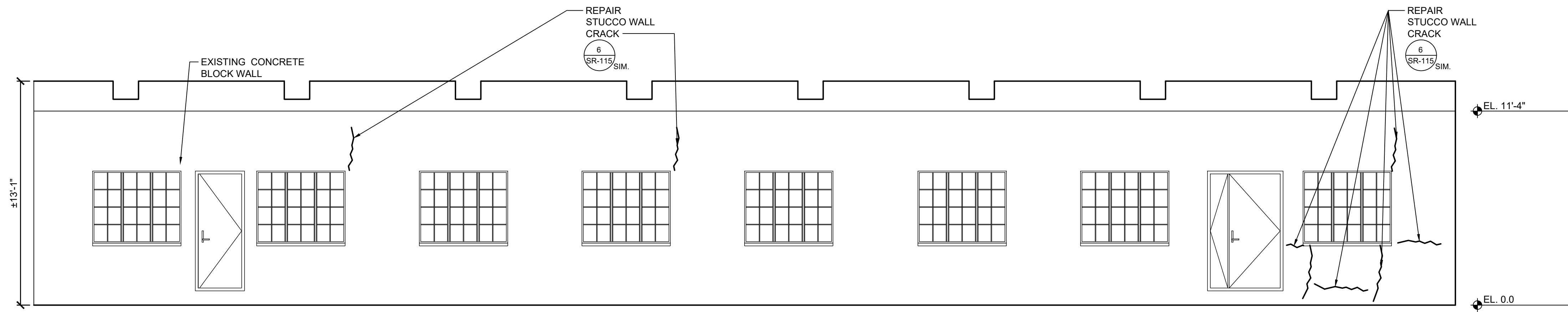
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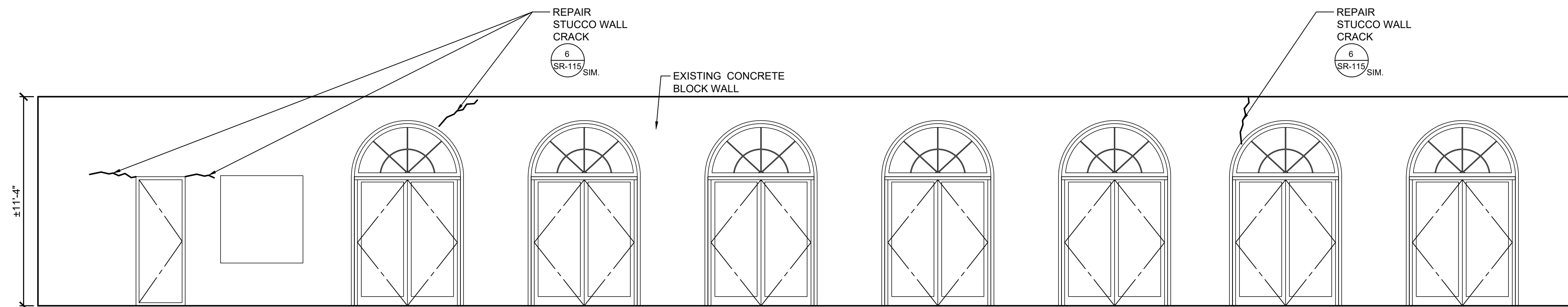
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
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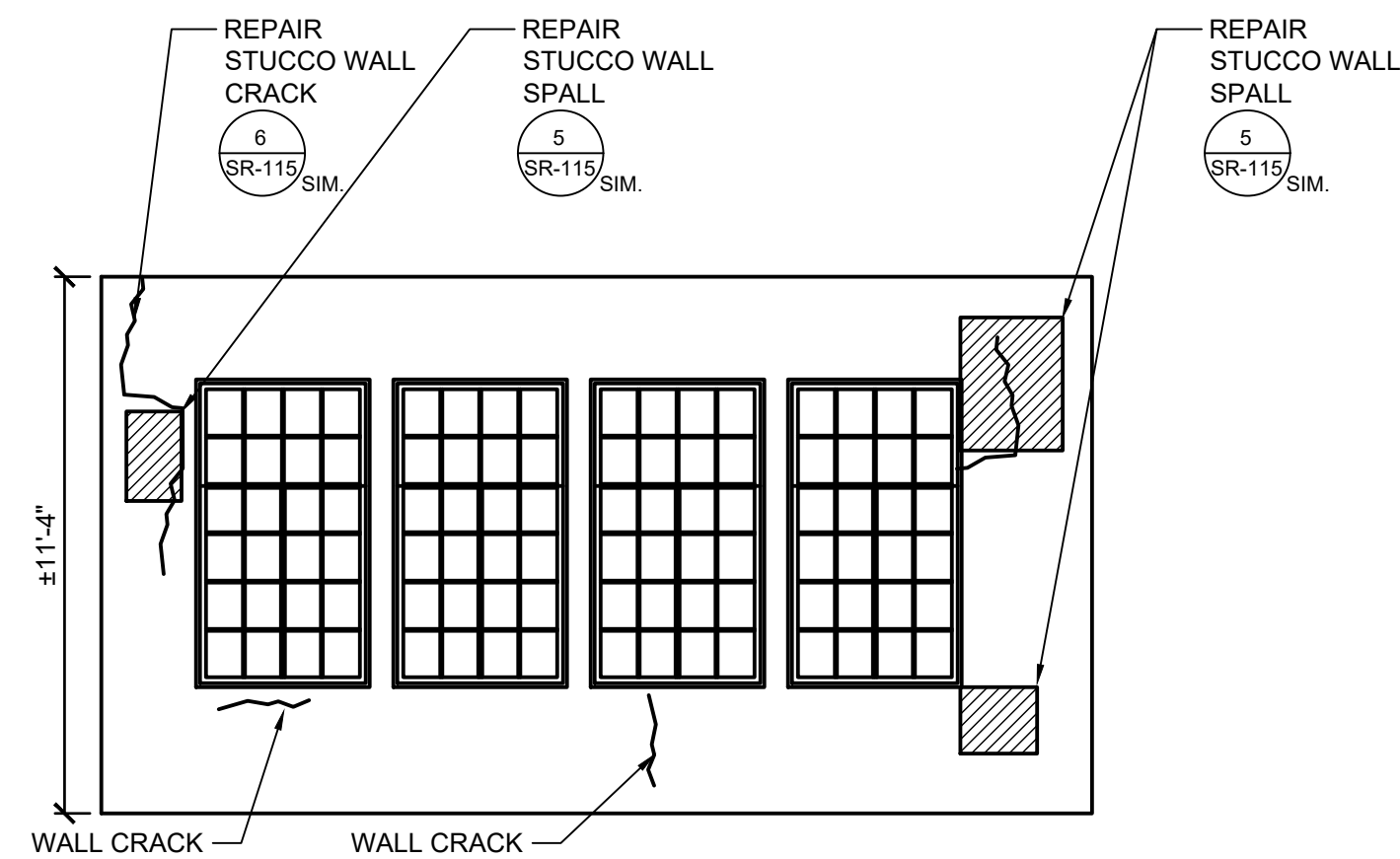
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-110
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK BATHHOUSE INTERIOR ELEVATIONS DEFECTS AND REPAIRS NO.5		SHEET NO. 85 OF 201	SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-S-442



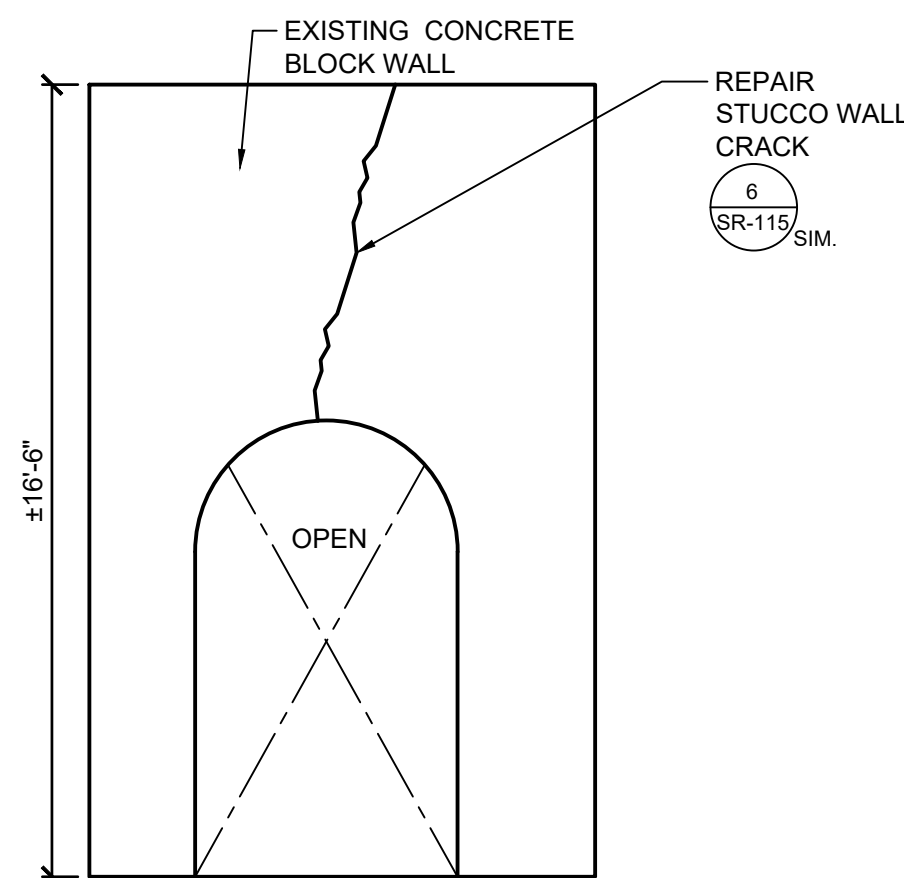
63 ELEVATION
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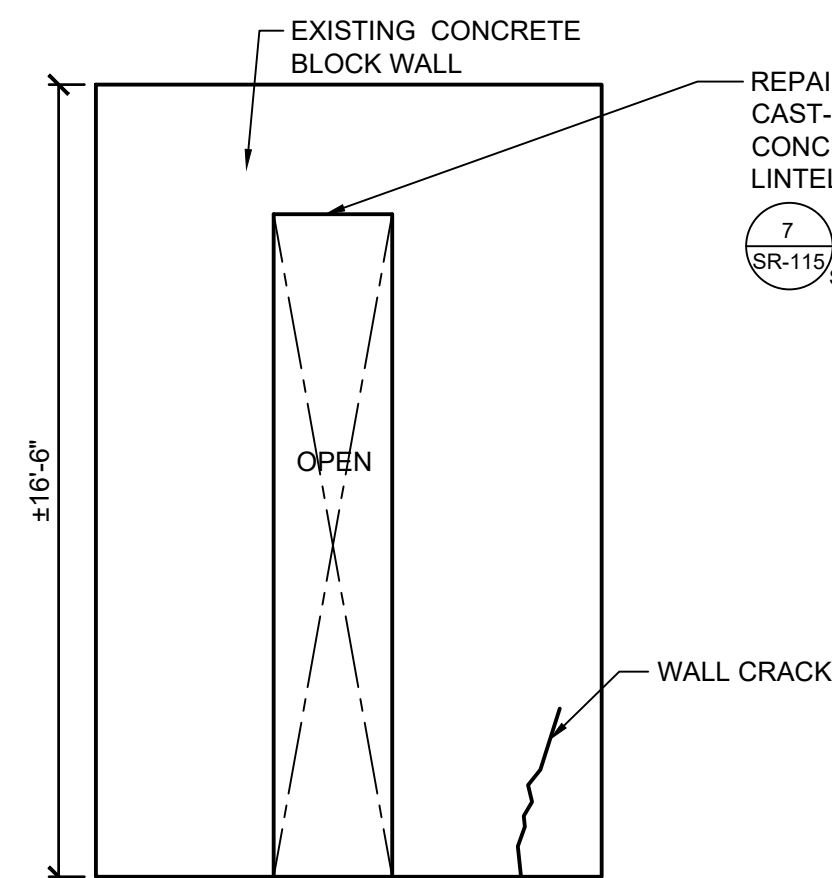
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SR-104 SCALE: 1/4" = 1' - 0"



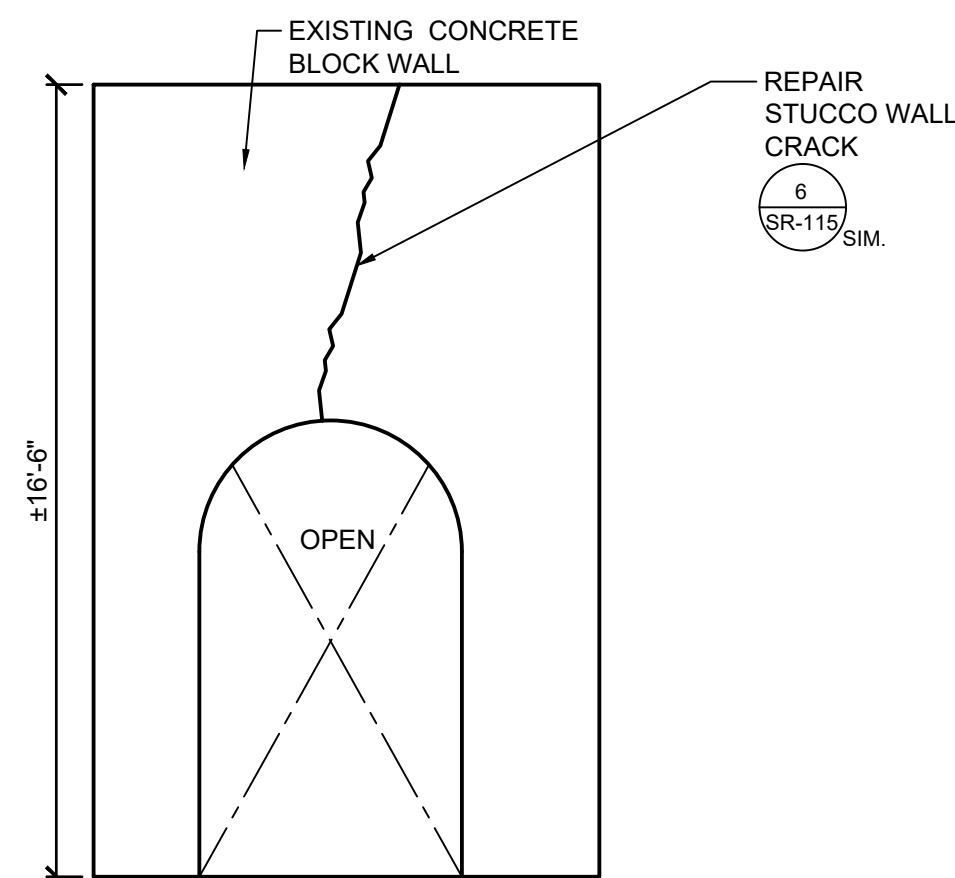
65 ELEVATION
SR-104 SCALE: 1/4" = 1' - 0"



66 ELEVATION
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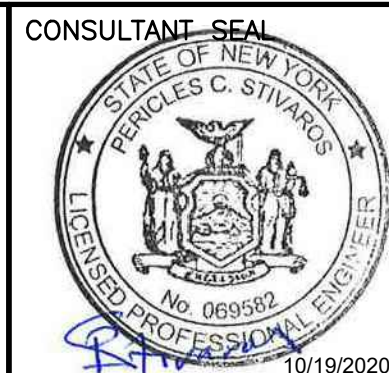


67 ELEVATION
SR-104 SCALE: 1/4" = 1' - 0"



68 ELEVATION
SR-104 SCALE: 1/4" = 1' - 0"

GENERAL NOTES
1. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DEMOLITION DRAWINGS TO DETERMINE REMAINING WALL LOCATIONS.

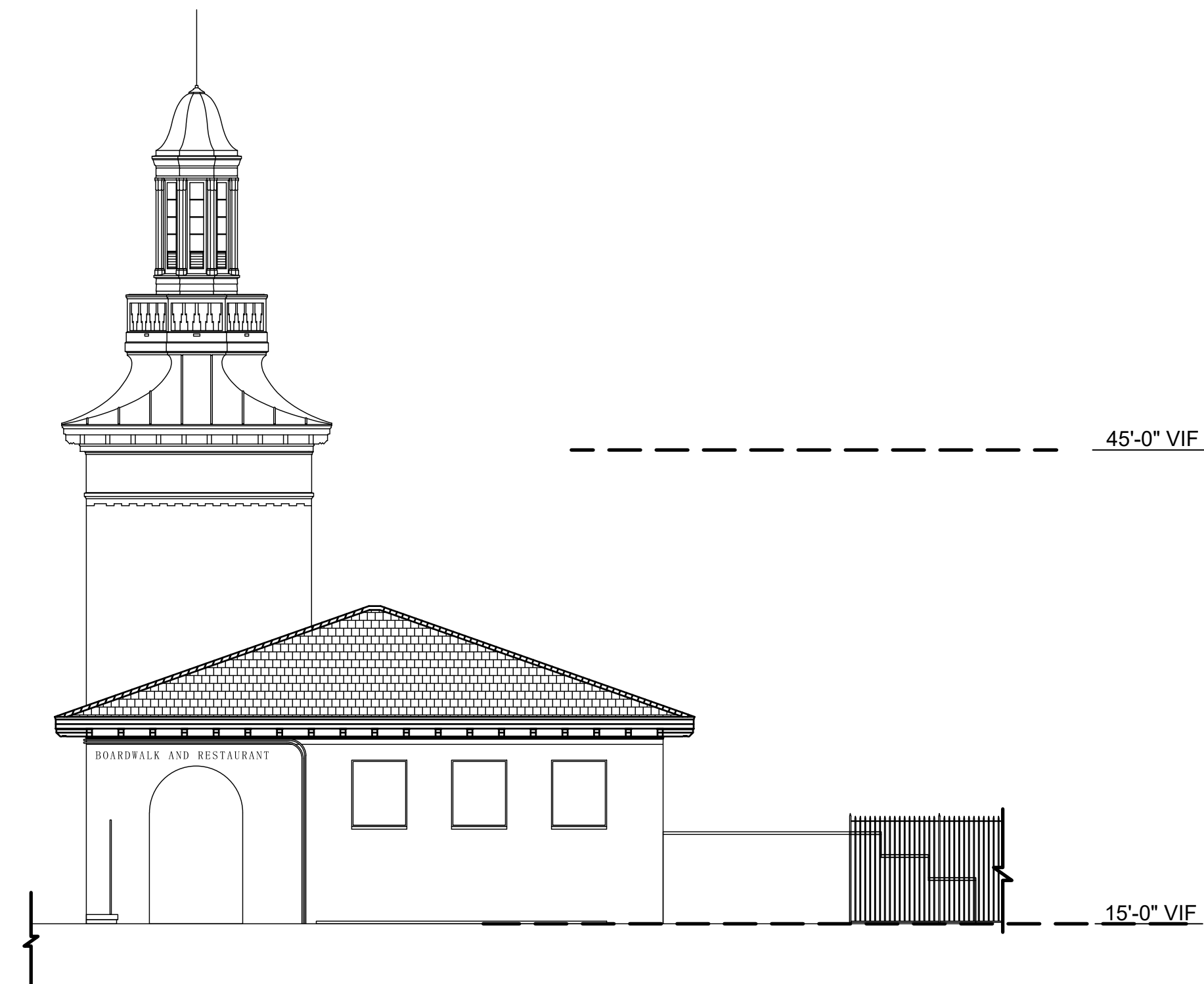


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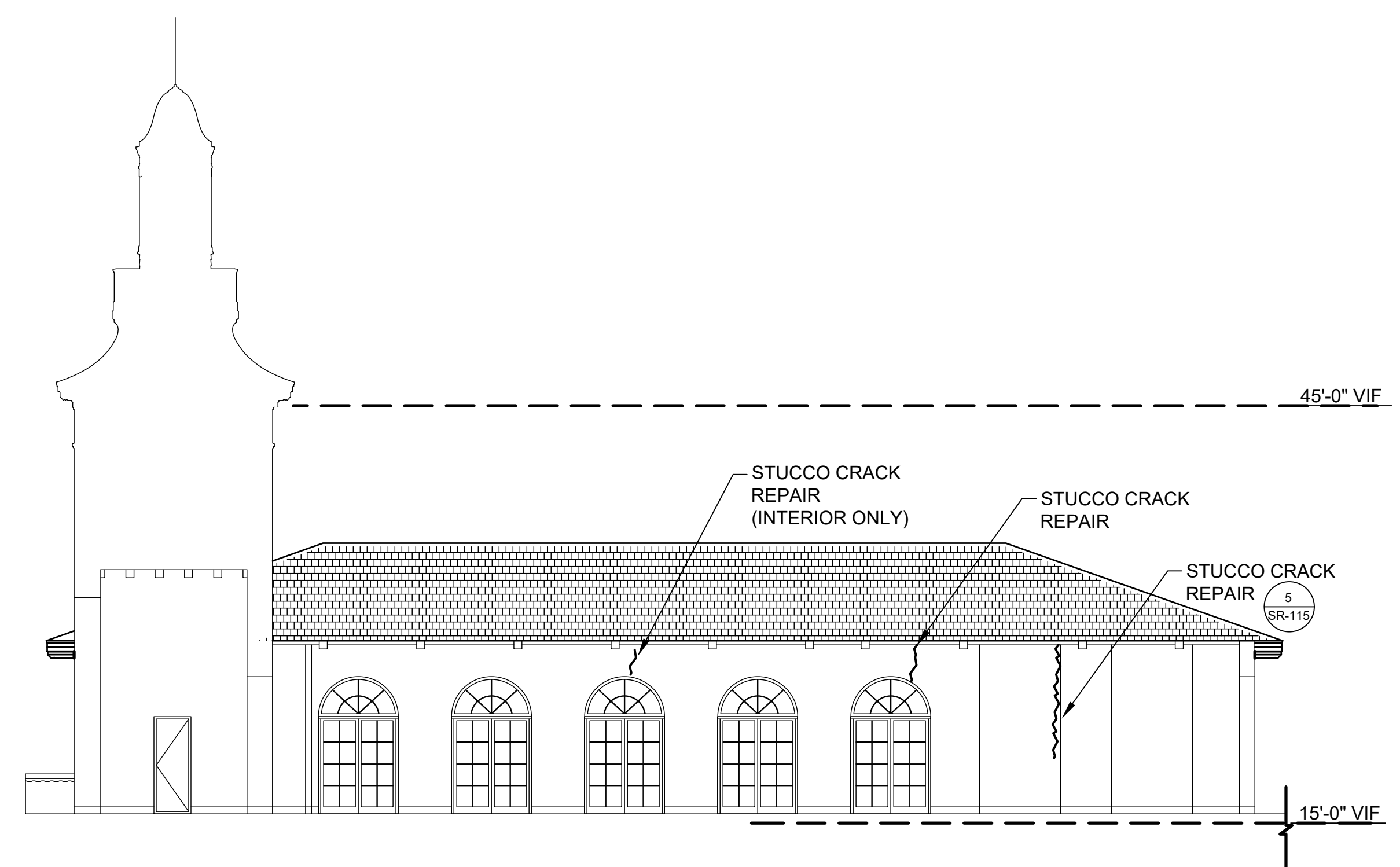
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☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES			
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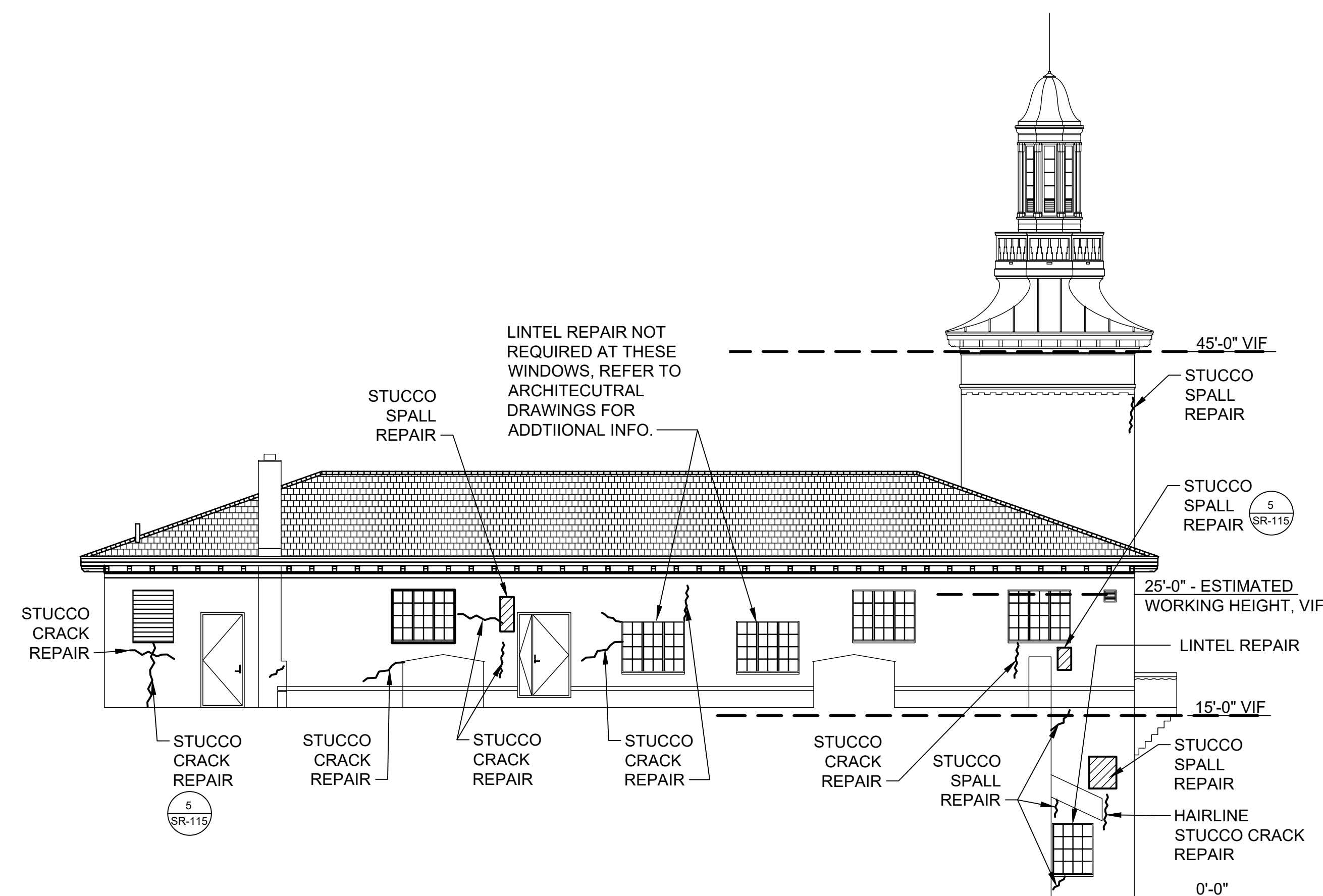
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-111
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK POOL DECK LEVEL EXTERIOR ELEVATIONS DEFECTS AND REPAIRS		SHEET NO. 86 OF 201	SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-S-443
		REV. NO. 0	



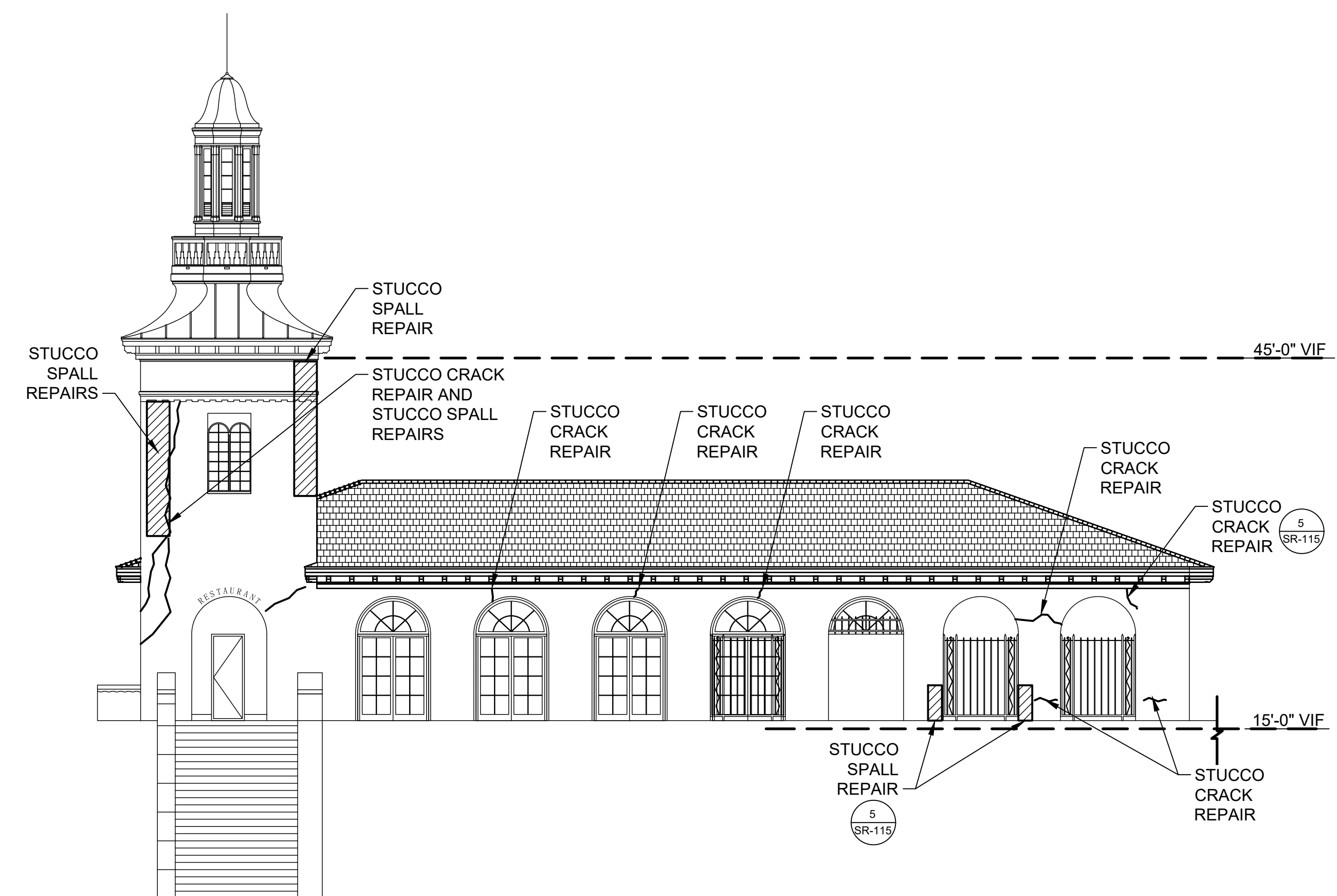
69 SOUTH VENDOR SPACE - WEST ELEVATION
SCALE: N.T.S.



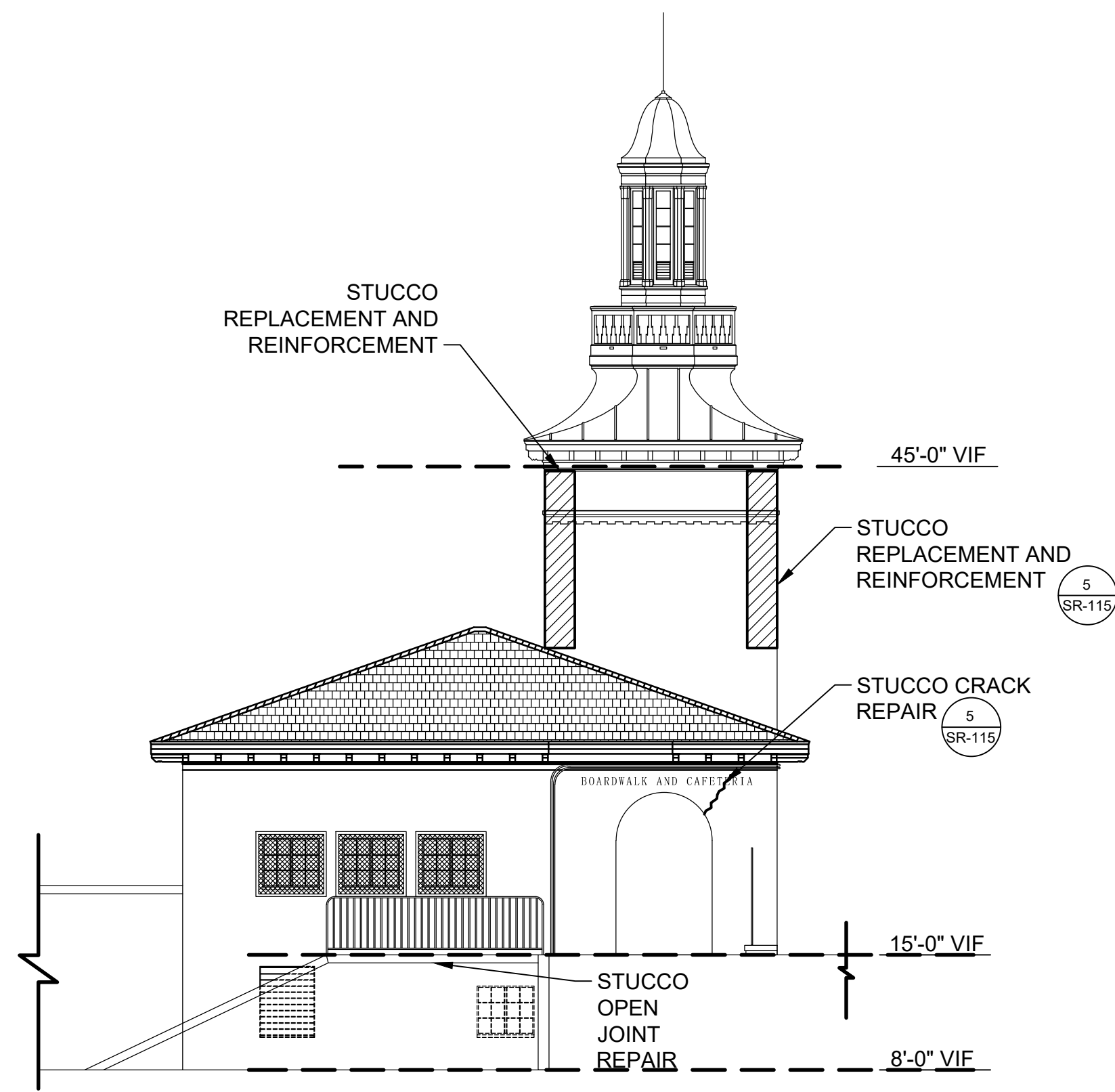
70 SOUTH VENDOR SPACE - NORTH ELEVATION (FROM BREEZEWAY)
SCALE: N.T.S.



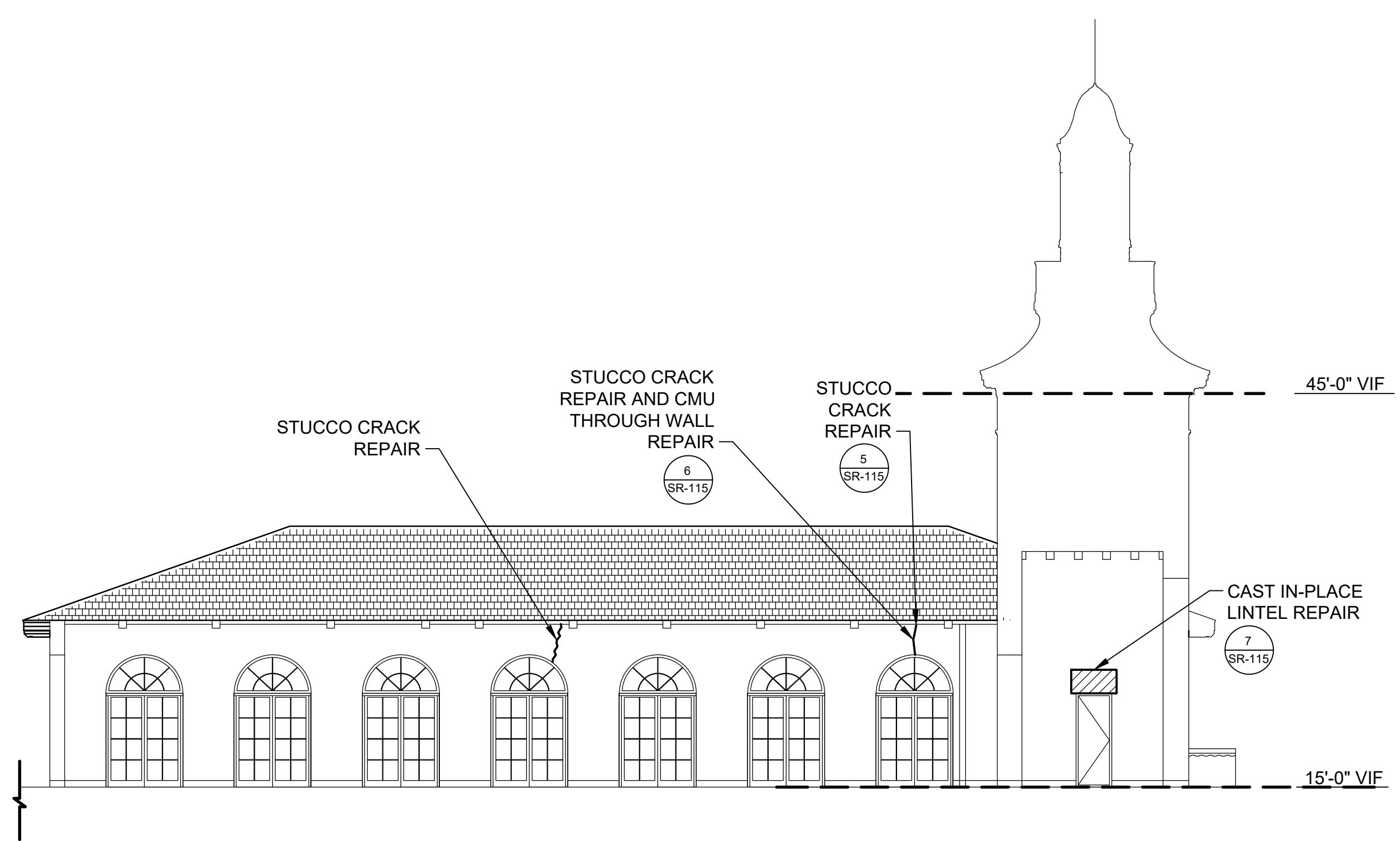
71 SOUTH VENDOR SPACE - SOUTH ELEVATION
SCALE: N.T.S.



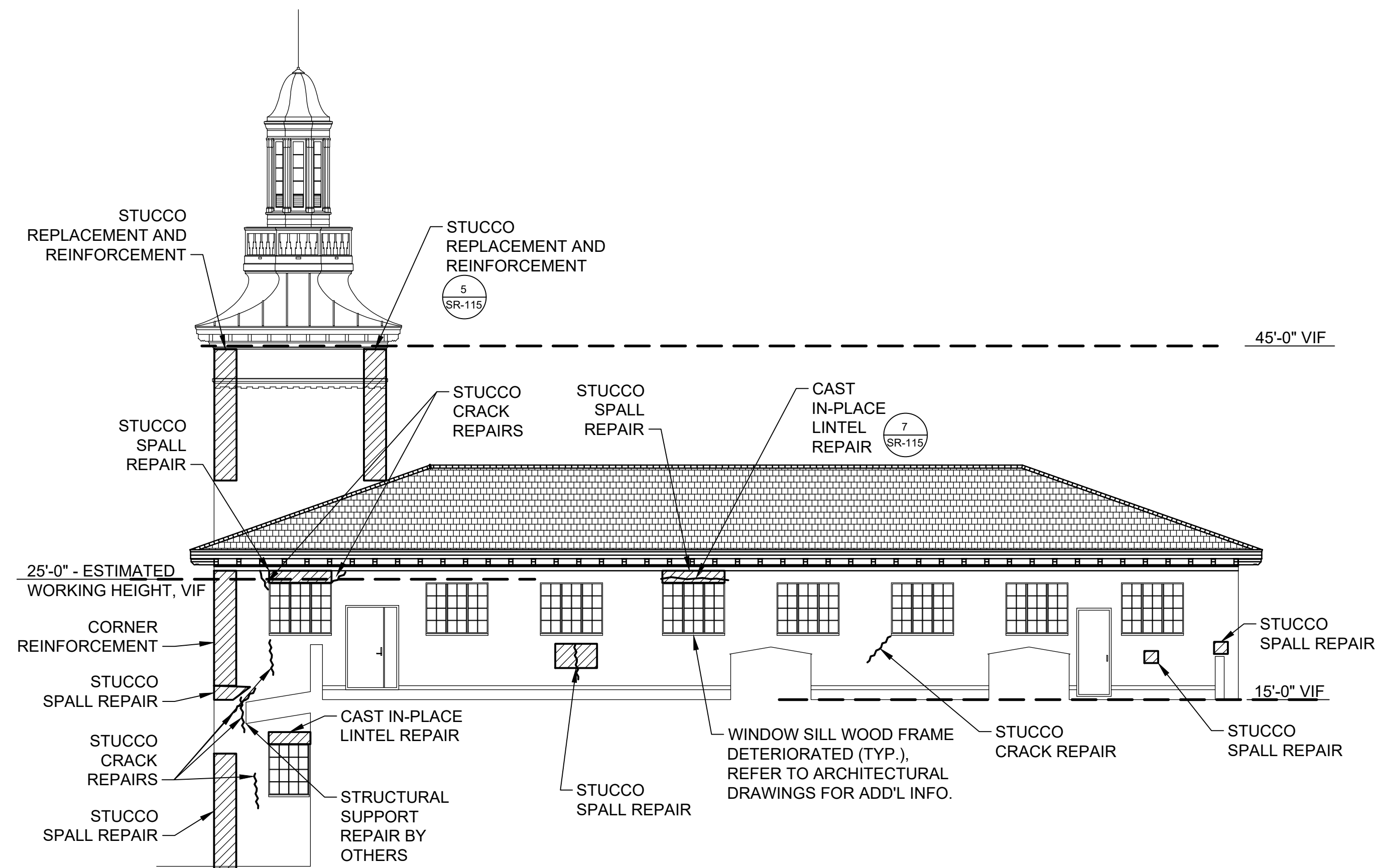
72 SOUTH VENDOR SPACE - NORTH ELEVATION (FROM POOL DECK)
SCALE: N.T.S.



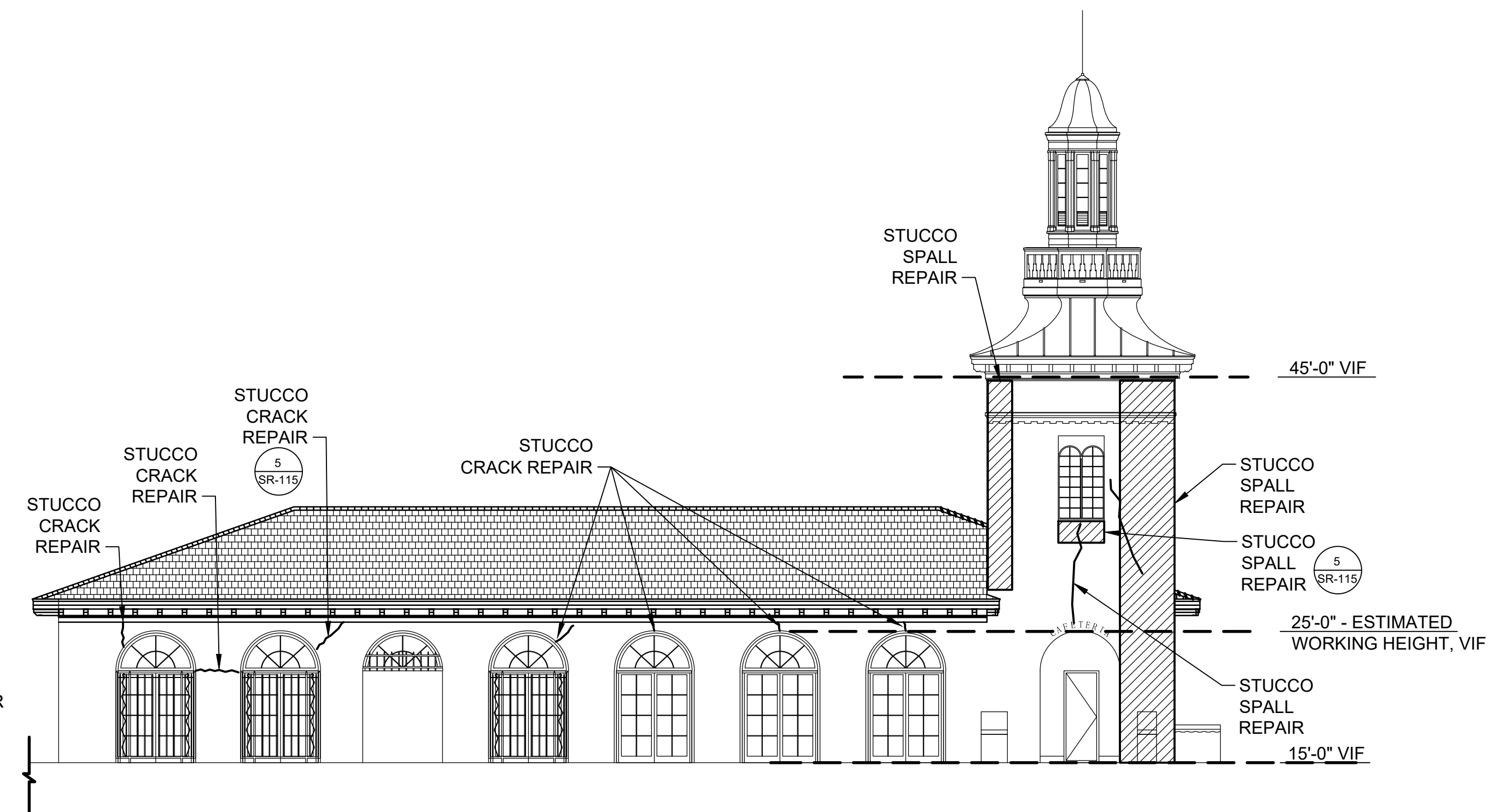
73 NORTH VENDOR SPACE - WEST ELEVATION
 SR-104 SCALE: N.T.S.



74 NORTH VENDOR SPACE - SOUTH ELEVATION (FROM BREEZEWAY)
 SR-104 SCALE: N.T.S.



75 NORTH VENDOR SPACE - NORTH ELEVATION
 SR-104 SCALE: N.T.S.



76 NORTH VENDOR SPACE - SOUTH ELEVATION (FROM POOL DECK)
 SR-104 SCALE: N.T.S.



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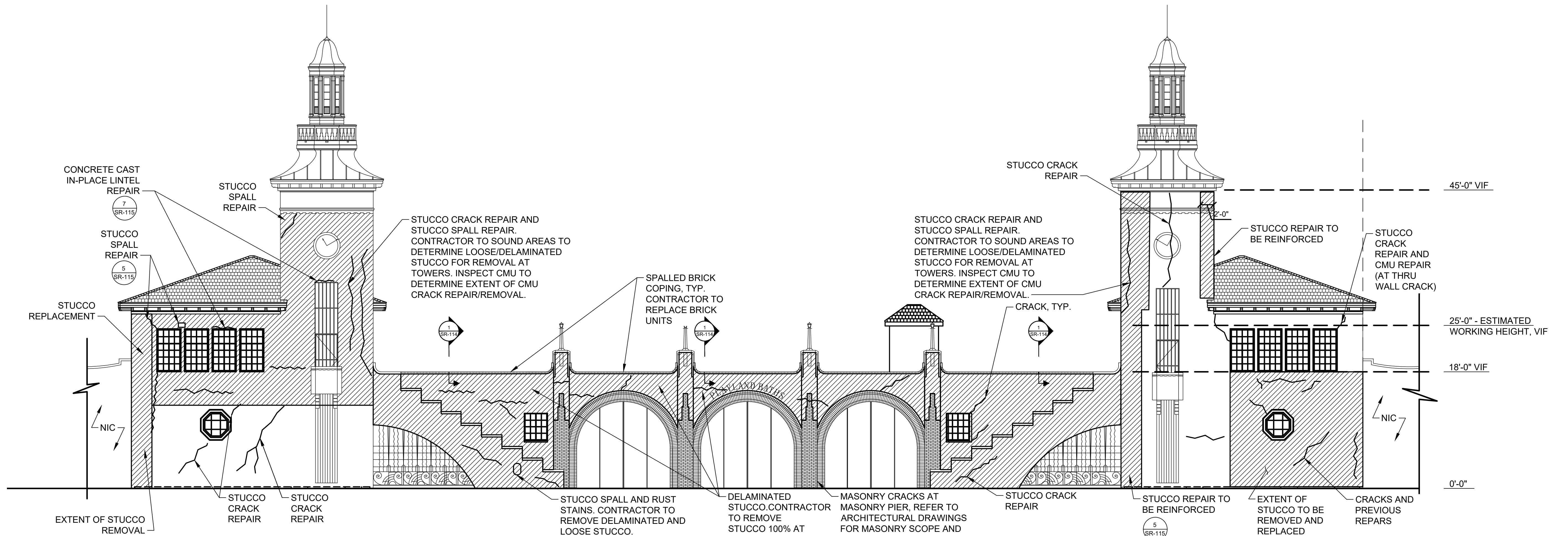
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TITLE _____	TITLE _____	DATE _____	DATE _____

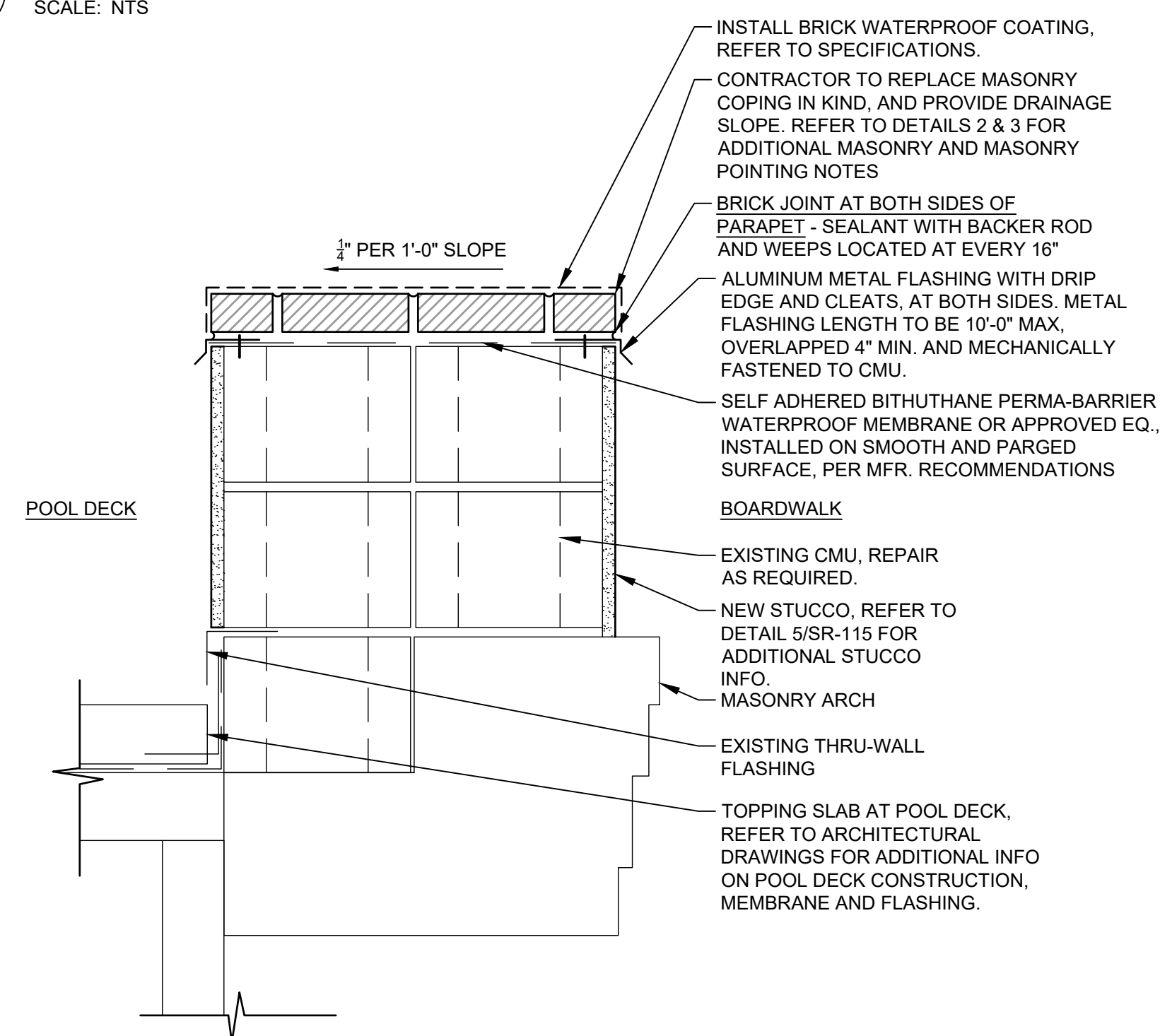
WESTCHESTER COUNTY, NEW YORK
 DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION
 DIVISION OF ENGINEERING

REHABILITATION OF POOL AND BATHHOUSE
 PLAYLAND PARK, RYE, NEW YORK
 NORTH CONCESSION SPACE EXTERIOR ELEVATIONS
 DEFECTS AND REPAIRS EXISTING CONDITIONS

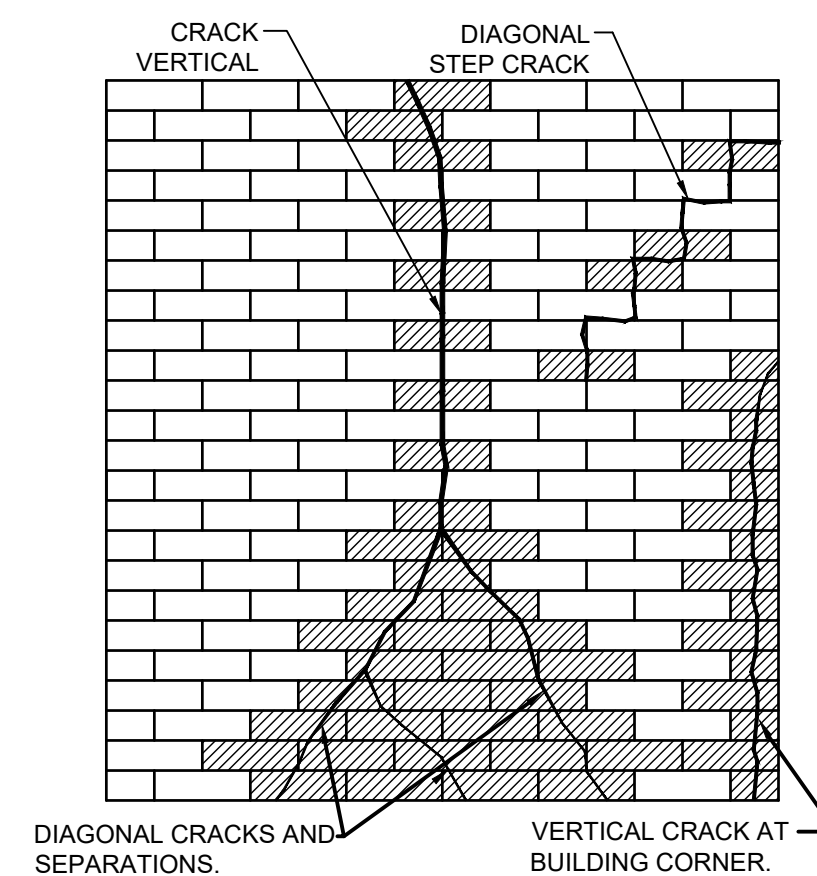
CONTRACT NUMBER 20-504	SHEET NUMBER SR-113
SHEET NO. 88 OF 201	
SCALE: DATE: NOVEMBER 10, 2020	REV. NO. 0
DPW FILE NO. 1-19-S-445	



77 EAST ELEVATION - SOUTH AND NORTH VENDOR SPACES
SR-104 SCALE: NTS

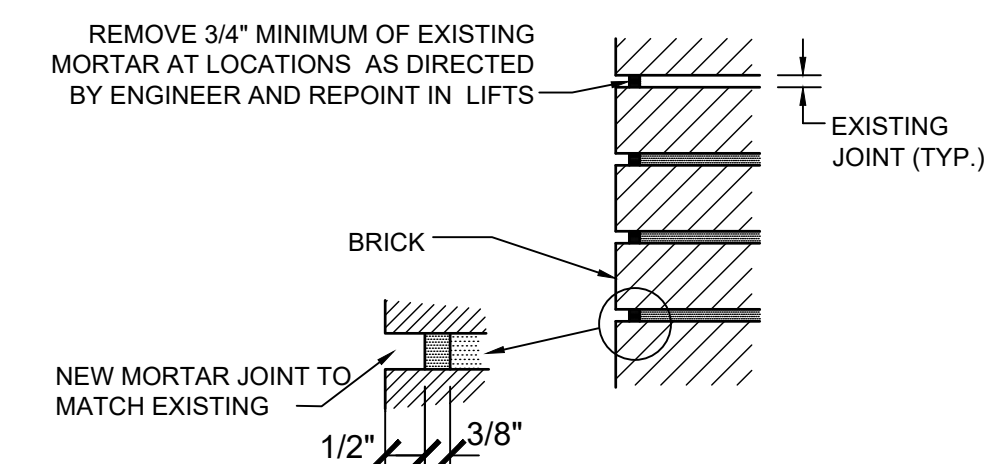


1 MASONRY COPING REPAIR AT POOL DECK
SCALE: N.T.S.



2 BRICK MASONRY CRACK REPAIR
SCALE: N.T.S.

- CRACK REPAIR NOTES:
1. INDICATES BRICK TO BE REPLACED.
 2. COLOR OF MORTAR AND BRICK REPLACEMENT TO MATCH SURROUNDING MASONRY MATERIAL.
 3. FOLLOW EXIST. BOND BRICK PATTERN WHEN REPLACING BRICK.
 4. REPLACE BRICKS UNITS WITH CRACKS OVER 1/16" WIDE, OR AS DIRECTED BY THE ENGINEER.
 5. RAKE OUT AND REPOINT ALL CRACKED MASONRY JOINTS.
- BRICK REPLACEMENT NOTES:
1. REPLACE CRACKED (MIN. 1/16" CRACK WIDTH) OR HEAVILY SPALLED BRICK.
 2. REPLACEMENT BRICK TO MATCH EXIST. IN COLOR, SIZE & TEXTURE.
 3. CAREFULLY REMOVE DEFECTIVE BRICK (CAN BE BROKEN).
 4. REMOVE ALL SURROUNDING EXISTING MORTAR.
 5. CLEAN AREA THOROUGHLY IN WALL.
 6. DAMPEN AREA BUT ALLOW SURFACE MOISTURE TO BE ABSORBED.
 7. BUTTER SURROUNDING BRICKWORK & REPLACEMENT BRICK WITH APPROVED MORTAR.
 8. CENTER NEW BRICK IN OPENING AND PRESS INTO POSITION.
 9. REMOVE EXCESS MORTAR WITH TROWEL.
 10. POINT SURROUNDING MORTAR JOINTS. TOOL WHEN THUMB PRINT HARD, MATCHING APPROVED MOCK-UP.
 11. USE WALL TIES WHEN REPLACING MULTIPLE BRICK COURSES. PROVIDE (1) TIE EVERY 5 COURSES @ 2'-0" O.C. OR AS DIRECTED BY ENGINEER.



3 TYPICAL DETAIL OF BRICK MORTAR JOINT REPOINTING
SCALE: N.T.S.

- NOTE:
1. REAPPLY REPOINTING MORTAR IN LIFTS OR LAYERS, EACH LAYER 3/8" THICK. FIRST LAYER SHALL BE "THUMB PRINT HARD" BEFORE APPLYING SECOND LAYER.
 2. TOOL JOINT TO MATCH EXISTING.
 3. SUBJECT TO FIELD MOCK-UP.



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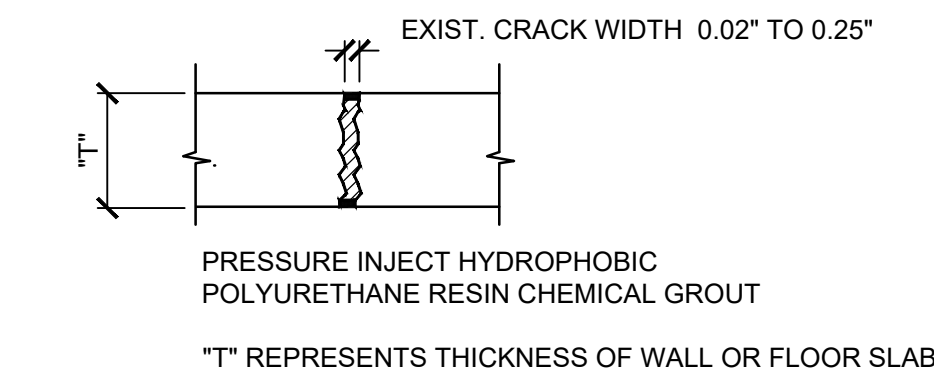
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10/19/2020

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

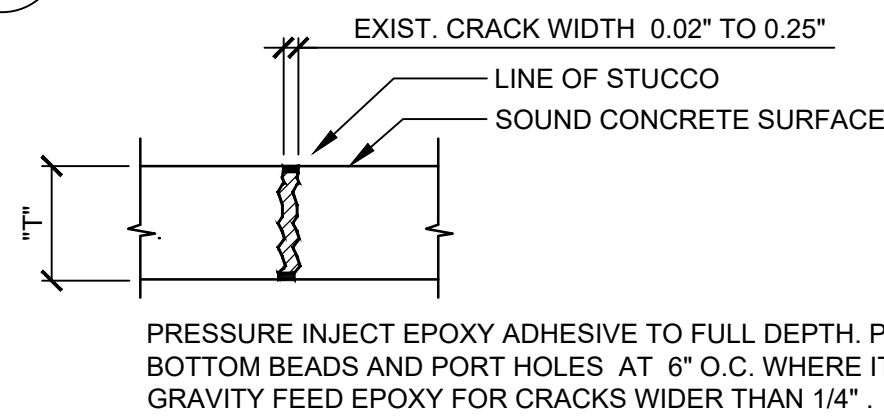
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER SR-114
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK EAST BATHHOUSE & CONCESSION - INVESTIGATION ELEVATION EXISTING CONDITIONS		SHEET NO. 89 OF 201	SCALE: DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-S-446



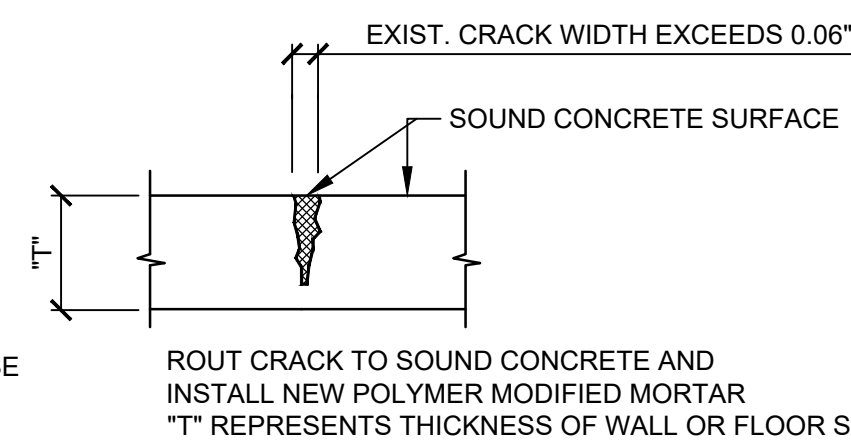
1A **THROUGH CRACK AT CONCRETE WALL/CEILING (NON-MOVING, WATER LEAKS)**

SCALE: N.T.S.



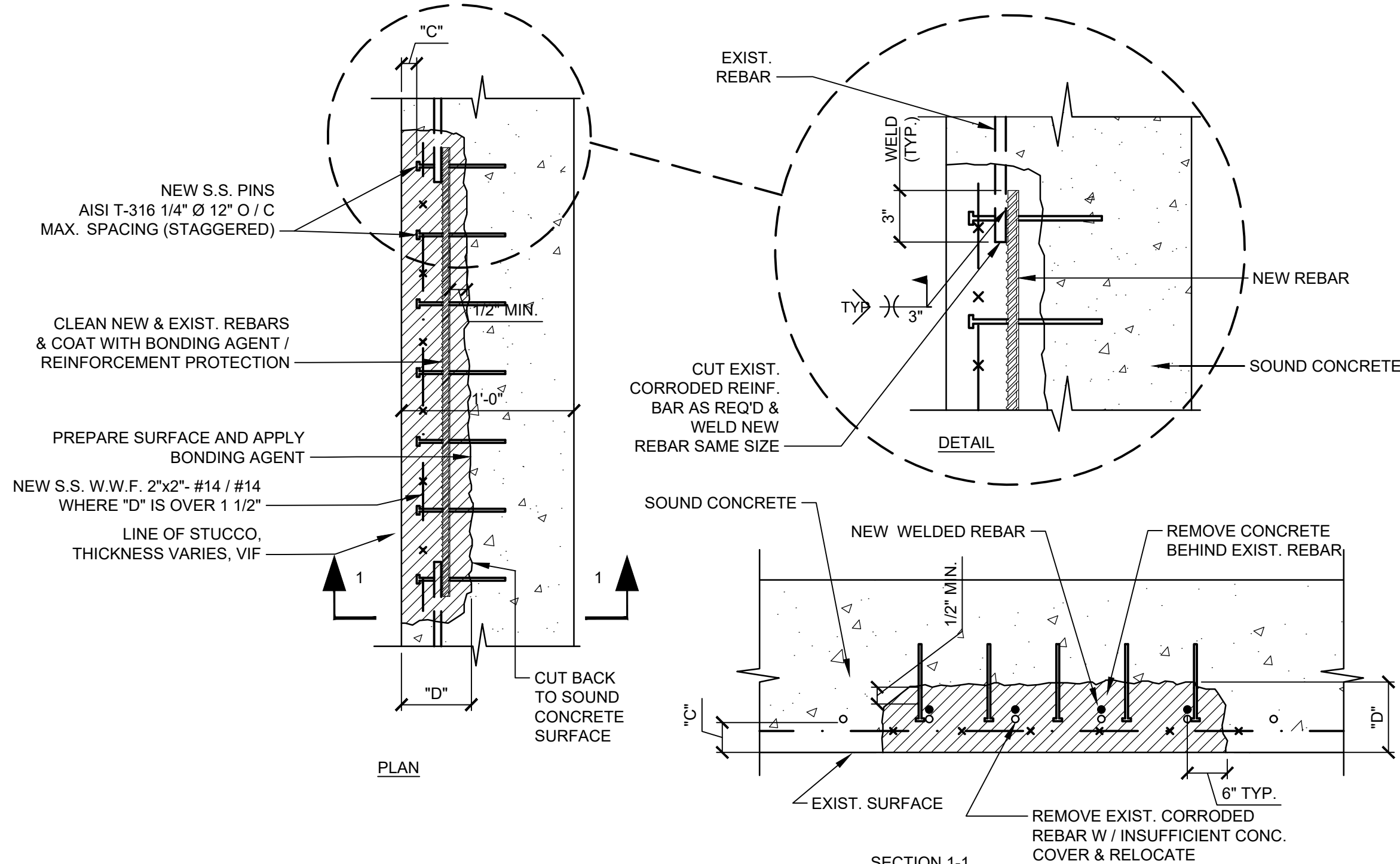
1 **THROUGH CRACK AT CONCRETE WALL /CEILING (NON-MOVING, NO LEAKS)**

SCALE: N.T.S.



2 **PARTIAL DEPTH CRACK AT CONCRETE WALL/CEILING (NON-MOVING)**

SCALE: N.T.S.



3 **TYPICAL REPAIR FOR SEVERELY CORRODED REBARS (REBAR REPLACEMENT) AT TUNNEL WALLS/CEILINGS AND BATHHOUSE CEILINGS AND OTHER CONCRETE AREAS**

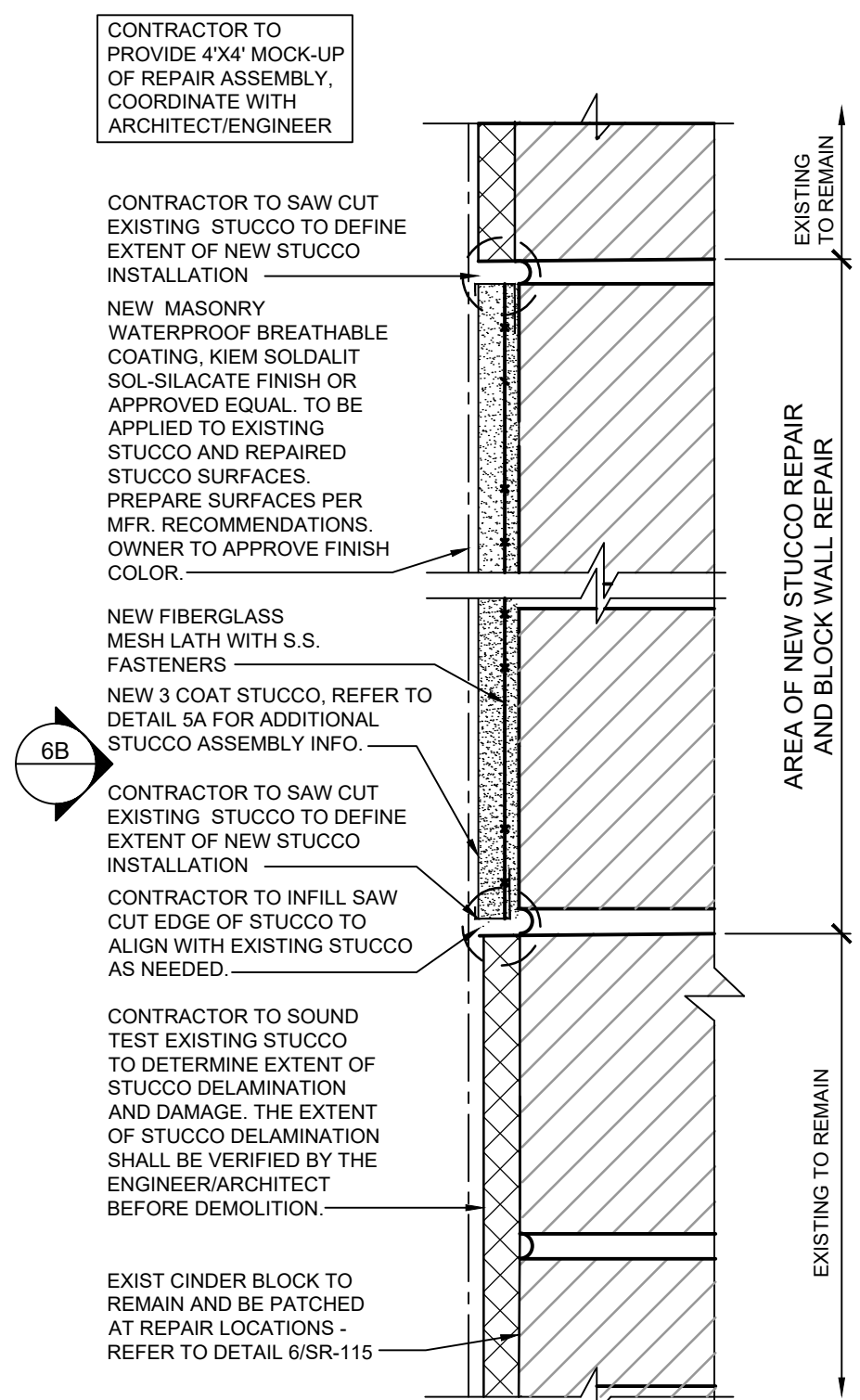
SCALE: N.T.S.

- NOTE:
- ENGINEER TO REVIEW CONDITION OF CORRODED REBARS PRIOR TO REPAIR. REPLACEMENT IS REQUIRED WHERE LOSS IN CROSS SECTION IS OVER 10%.
 - NEW 4000 PSI CONCRETE WITH AIR ENTRAINMENT 6%±NEW POLYMER MODIFIED MORTAR APPLIED WITHIN DEPTH "D" TO MATCH EXISTING CONCRETE IN COLOR AND TEXTURE.
 - WHERE CONCRETE HAS SPALLED, BUT REBARS ARE NOT SEVERELY CORRODED, USE DETAILS FOR CORRODED REBAR.
 - AFTER REPAIR, SEAL CONCRETE SURFACE WITH WATERPROOFING COATING U.N.
 - MINIMUM COVER "C" SHALL BE 3/4" FOR AREAS NOT EXPOSED TO WEATHER AND 1 1/2" FOR AREAS EXPOSED FOR WEATHER.

4 **TYPICAL REPAIR OF CONCRETE SPALLS OR FAILED PATCHES AT TUNNEL WALLS/CEILINGS AND BATHHOUSE CEILINGS AND OTHER CONCRETE AREAS**

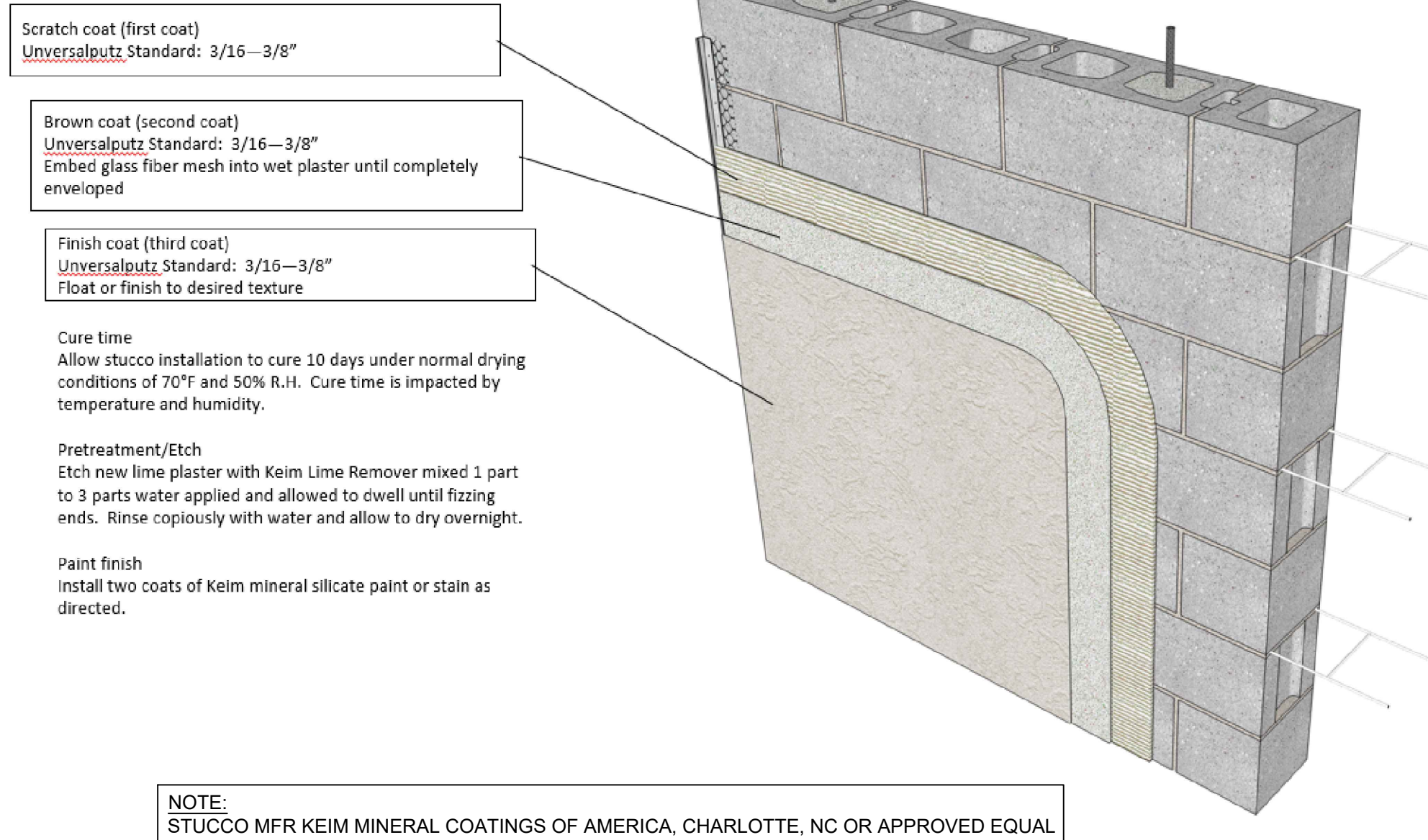
SCALE: N.T.S.

- NOTE:
- REPAIRS TO MATCH EXISTING CONCRETE IN COLOR & TEXTURE.
 - MIN. COVER "C" OVER REINF. SHALL BE 3/4" FOR AREAS NOT EXPOSED TO WEATHER OR 1 1/2" FOR AREAS EXPOSED FOR WEATHER.
 - COAT ALL REBARS WITH PROTECTIVE COATING.
 - AFTER REPAIR, SEAL CONCRETE SURFACE WITH WATERPROOFING COATING, U. N.



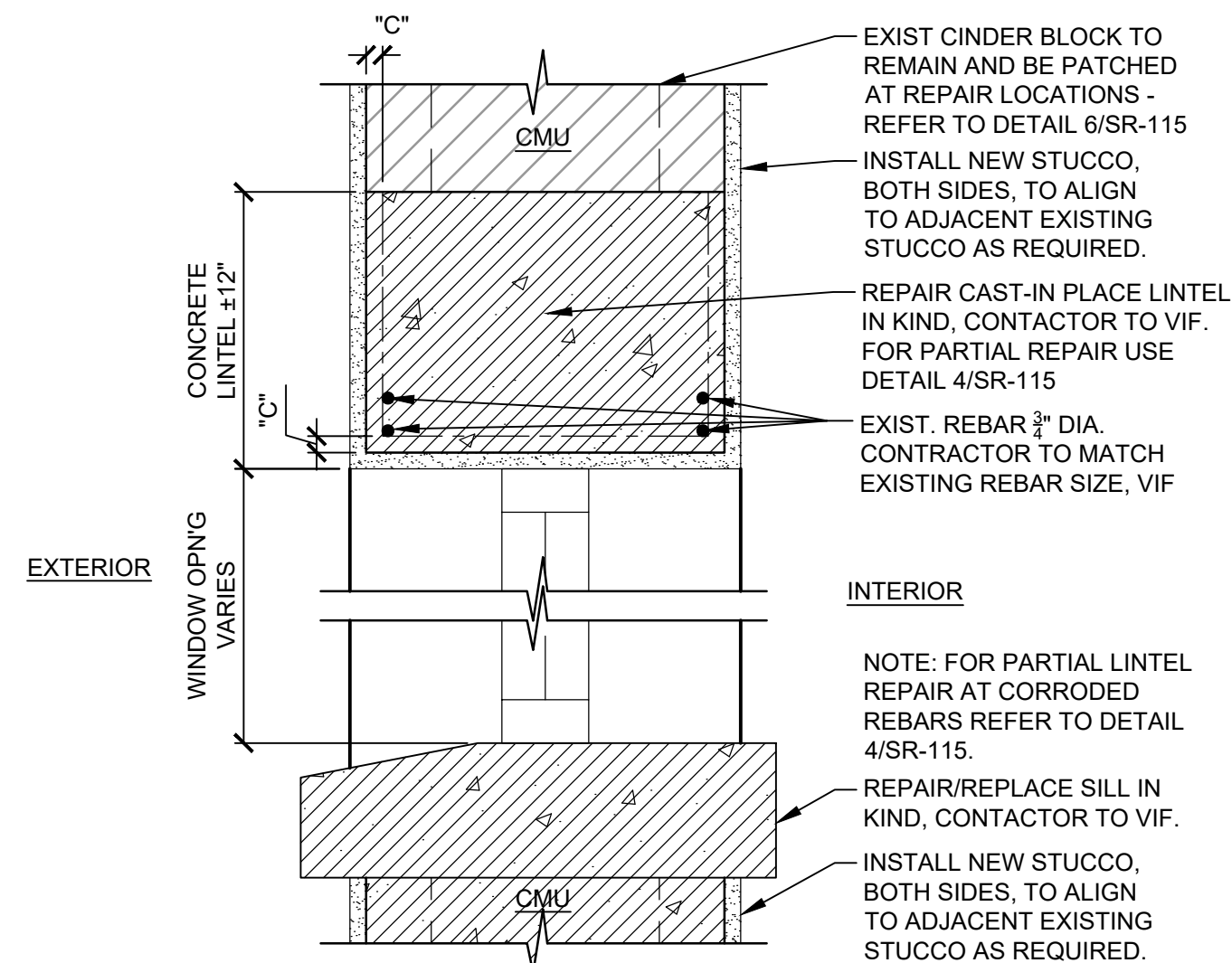
5 **STUCCO REPAIR INSTALLATION DETAIL**

SCALE: N.T.S.



5A **STUCCO ASSEMBLY - FOR REFERENCE ONLY**

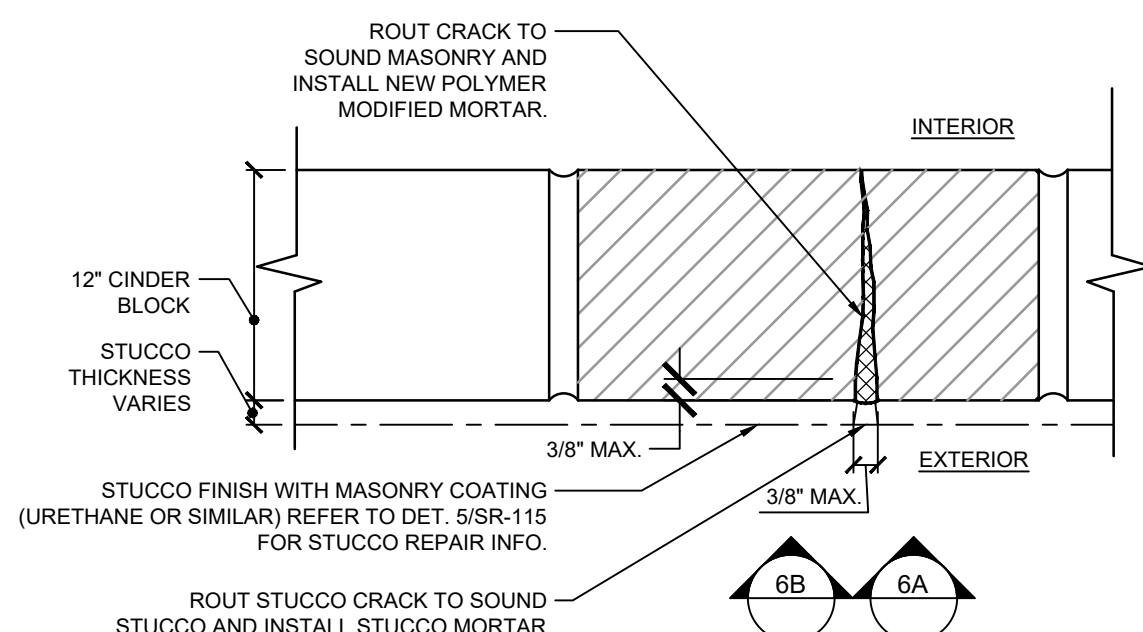
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7 **LINTEL REPAIR FOR SEVERELY CORRODED REBARS (REBAR REPLACEMENT) & SILL REPAIR**

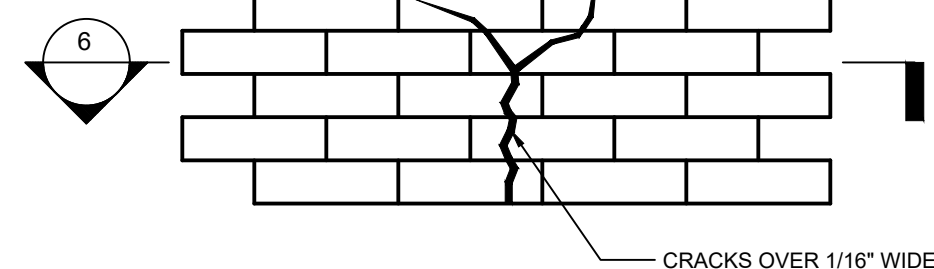
SCALE: N.T.S.

- NOTE:
- CONTRACTOR TO EXPOSE CORRODED REBARS. ENGINEER TO REVIEW CONDITION OF CORRODED REBARS PRIOR TO REPAIR. REPLACEMENT IS REQUIRED WHERE LOSS IN CROSS SECTION IS OVER 10%.
 - NEW 4000 PSI CONCRETE WITH AIR ENTRAINMENT 6%± APPLIED WITHIN DEPTH "D" TO MATCH EXISTING CONCRETE IN COLOR AND TEXTURE.
 - WHERE CONCRETE HAS SPALLED, BUT REBARS ARE NOT SEVERELY CORRODED, USE DETAILS FOR CORRODED REBAR. DETAIL 4/SR-115 CONCRETE PATCHING. WHERE REBARS ARE SEVERELY CORRODED, MORE THAN 10%, SEE DETAIL 3/SR-115.
 - MINIMUM COVER "C" SHALL BE 3/4" FOR AREAS NOT EXPOSED TO WEATHER AND 1 1/2" FOR AREAS EXPOSED FOR WEATHER.



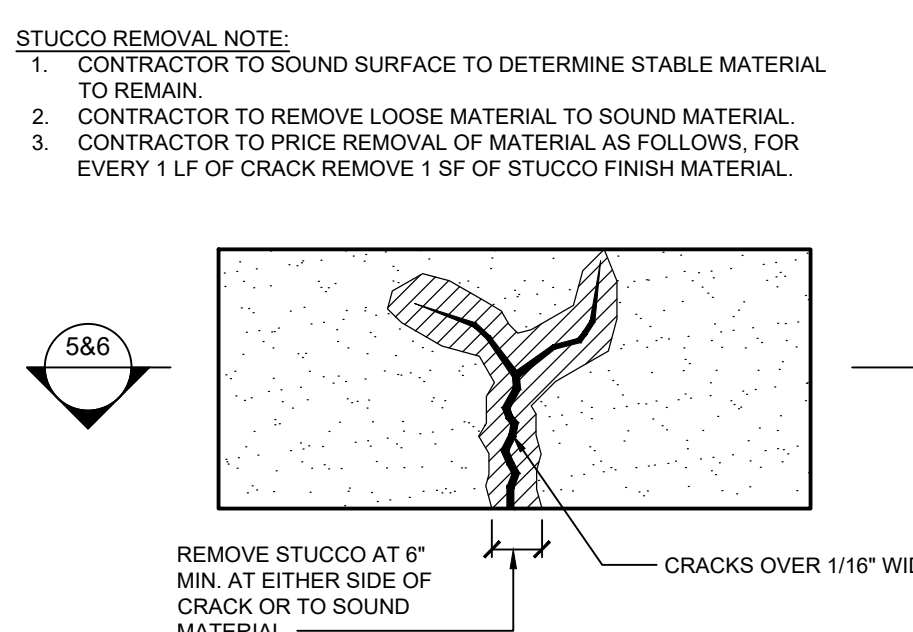
6 **CMU CRACK REPAIR PLAN**

SCALE: N.T.S.



6A **CMU CRACK REPAIR ELEVATION**

SCALE: N.T.S.



6B **STUCCO REPAIR ELEVATION AT CRACK**

SCALE: N.T.S.

SCHEDULE OF REPAIRS FOR EXISTING IDENTIFIED DEFECTS		
REPAIR TYPE	REPAIR DETAIL	BASE BID QUANTITIES
MASONRY PARAPET REPAIR AT POOL DECK	DETAIL 1/SR-114	300 SF
MASONRY REPAIR AT BATHHOUSE ARCHWAY	DETAIL 2,3/SR-114	1,045 SF
STUCCO REPAIR	DETAILS 5,5A,6B	1,500 SF
STUCCO REPAIR - EAST FACADE POOL AND BOARDWALK LEVEL	DETAILS 5,5A,6B	3,600 SF
NORTH VENDOR SPACE - N. S. W SOUTH VENDOR SPACE - N. S. W UPPER TOWERS BOTH - ALL SIDES		
STUCCO CRACK INFILL		
BATHHOUSE AND VENDOR SPACE INTERIOR	DETAIL 6	250 SF
LINTEL & SILL REPAIR WINDOW LINTELS WINDOW SILLS	DETAIL 7	400 LF
MASONRY CRACK REPAIRS BEHIND STUCCO	DETAIL 6,6A	1,500 LF
MASONRY PATCH REPAIRS BEHIND STUCCO	REPOINTING/ PATCHING W/ POLYMODIFIED MORTAR	1,800 SF
CONCRETE CRACK REPAIRS		2,300 LF
BATHHOUSE WALLS/CEILING SLAB TUNNEL WALLS/CEILING SLAB	DETAILS 1 DETAILS 1A DETAILS 2	
CONCRETE SPALL REPAIR		
BATHHOUSE CEILING TUNNEL CEILING BATHHOUSE WALLS	DETAILS 3 DETAILS 4	1,000 SF
*THICKNESS OF SPALL REPAIR LESS THAN 1 1/2\" 500SF (SHALLOW) *THICKNESS OF SPALL REPAIR MORE THAN 1 1/2\" 500SF (DEEP)		
WATERPROOFING COATING		
TUNNEL WALLS AND CEILINGS EXTERIOR STUCCO WALL AND SURFACES	N/A DETAIL 5	5,500 SF 10,500 SF

8 **SCHEDULE OF REPAIRS**

SCALE: N.T.S.

 GEI Consultants GEI CONSULTANTS, INC., P.C. 1385 BROADWAY (W 38TH STREET) 20TH FLOOR NEW YORK, NY 10018 (212)687-8282	 CONSULTANT SEAL STATE OF NEW YORK OFFICE OF THE CLERK JAN 19 2020	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.	IN CHARGE OF PS	CHECKED BY MP	MADE BY DC	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	RECORD DRAWING CERTIFICATION		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING	CONTRACT NUMBER 20-504	SHEET NUMBER SR-115	
											AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES					
												CONTRACTOR	PROJECT COORDINATOR	REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK REPAIR DETAILS		
												NAME	NAME	SCALE: DATE: NOVEMBER 10, 2020		
												SIGNATURE	SIGNATURE	DPW FILE NO.		
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