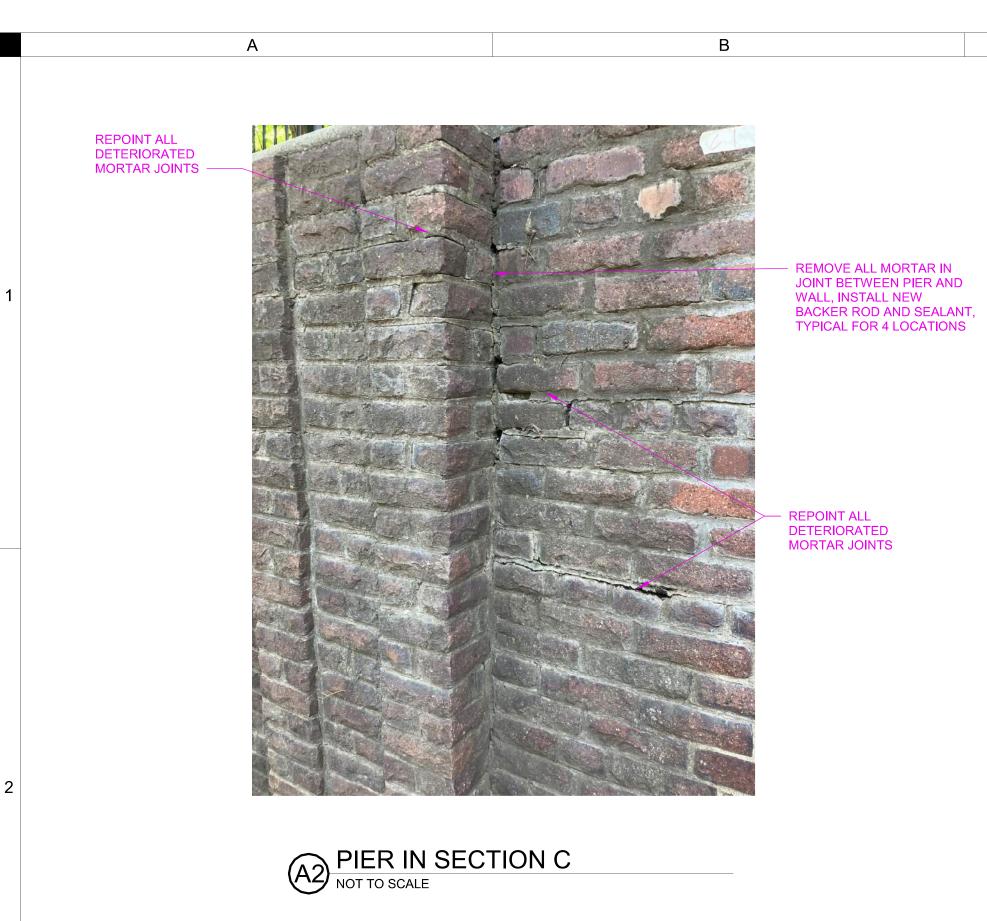


Autodesk Revit 2024

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REPAIR CRACK IN CONCRETE CAP POINT JOINT
BETWEEN BRICK
AND CONCRETE
CAP - REPOINT JOINT

CONCRETE CAP IN SECTION L
NOT TO SCALE



----- REPAIR CRACK IN CONCRETE CAP

EXISTING MASONRY PIER,
 NO WORK ON PIER

REMOVE ALLVEGETATION IN WALLAND CURB

EXISTING ASPHALT STREET PAVEMENT

CAP AT J/K

NOT TO SCALE

C4 CAP AT L/M

NOT TO SCALE

NORTH END OF EAST WALL
NOT TO SCALE

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D

REMOVE SEALANT AND PREPARE JOINT FOR NEW SEALANT, INSTALL NEW BACKER ROD AND SEALANT -

SEE G6/A100 FOR EXTENTS
OF REPOINTING

REMOVE MORTAR PREPARE JOINT FOR NEW SEALANT, INSTALL NEW BACKER ROD AND SEALANT

EXISTING CONCRETE CURB —

TAINING WAL

NINIA

回回

STATEMENT OF SPECIAL INSPECTIONS

[X] STRUCTURAL [] MECHANICAL / ELECTRICAL / PLUMBING

[] ARCHITECTURAL

THE SPECIAL INSPECTION COORDINATOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES.

INTERIM REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTIONS, TESTING AND CORRECTIONS OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY. JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

QUALIFICATIONS OF INSPECTORS AND TESTING TECHNICIANS

THE QUALIFICATIONS OF ALL PERSONNEL PERFORMING SPECIAL INSPECTION AND TESTING ACTIVITIES ARE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL. THE CREDENTIALS OF ALL INSPECTORS AND TESTING TECHNICIANS SHALL BE PROVIDED IF REQUESTED.

KEY FOR MINIMUM QUALIFICATIONS OF INSPECTION AGENTS:

WHEN THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE DEEMS IT APPROPRIATE THAT THE INDIVIDUAL PERFORMING A STIPULATED TEST OR INSPECTION HAVE A SPECIFIC CERTIFICATION OR LICENSE AS INDICATED BELOW, SUCH DESIGNATIONS SHALL APPEAR BELOW THE AGENT ON THE

PE/SE STRUCTURAL ENGINEER - A LICENSED SE OR PE SPECIALIZING IN THE DESIGN OF BUILDING STRUCTURE

GEOTECHNICAL ENGINEER - A LICENSED PE SPECIALIZING IN SOIL MECHANICS AND FOUNDATIONS

ENGINEER-IN-TRAINING - A GRADUATE ENGINEER WHO HAS PASSED THE FUNDAMENTS OF ENGINEERING EXAMINATION

AMERICAN CONCRETE INSTITUTE (ACI) CERTIFICATION

ACI-CFTT CONCRETE FIELD TESTING TECHNICIAN - GRADE 1

ACI-CCI CONCRETE CONSTRUCTION INSPECTOR ACI-LTT LABORATORY TESTING TECHNICIAN - GRADE 1 & 2

ACI-STT STRENGTH TESTING TECHNICIAN

AMERICAN WELDING SOCIETY (AWS) CERTIFICATION

AWS-CWI CERTIFIED WELDING INSPECTOR

AWS/AISC-SSI CERTIFIED STRUCTURAL STEEL INSPECTOR

AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING (ASNT) INSPECTION ASNT NON-DESTRUCTIVE TESTING TECHNICIAN - LEVEL II OR III

INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION

ICC-SMSI STRUCTURAL MASONRY SPECIAL INSPECTOR

ICC-SFSI SPRAY-APPLIED FIREPROOFING SPECIAL INSPECTOR ICC-RCSI REINFORCED CONCRETE SPECIAL INSPECTOR

ICC-SWSI STRUCTURAL STEEL AND WELDING SPECIAL INSPECTOR

ICC-PCSI PRESTRESSED CONCRETE SPECIAL INSPECTOR

NATIONAL INSTITUTE OF CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET)

NICET-CT CONCRETE TECHNICIAN - LEVELS I, II, III, & IV

NICET-ST SOILS TECHNICIAN - LEVELS I, II, III & IV NICET-GET GEOTECHNICAL ENGINEERING TECHNICIAN - LEVEL I, II, III & IV

EXTERIOR DESIGN INSTITUTE (EDI) CERTIFICATION

EDI-EIFS EIFS THIRD PARTY INSPECTOR

CONTRACTOR'S RESPONSIBILITY REGARDING INSPECTIONS

- 1. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION MEETING (SCHEDULED AT LEAST 5 BUSINESS DAYS BEFORE START OF CONSTRUCTION). MEETING SHOULD INCLUDE ALL RESPONSIBLE PARTIES (A/E, SI'S, FIELD INSPECTOR). MEETING IS FOR ENTIRE PROJECT, NOT PHASE
- 2. PRE-CONSTRUCTION MEETING IS TO BE CONDUCTED BY THE CONTRACTOR WITH MEETING MINUTES TO BE TAKEN AND DISTRIBUTED TO ALL MEMBERS
- ATTENDING. MEETING MINUTES TO INCLUDE A SIGN-IN SHEET FOR ALL PARTIES. 3. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING INSPECTIONS AND TESTS. SUFFICIENT NOTICE AND LEAD TIME MUST BE ALLOWED FOR THE
- INSPECTION AND TESTING TO BE PERFORMED WITHOUT IMPENDING CONSTRUCTION OPERATIONS. 4. THE CONTRACTOR MUST COOPERATE WITH THE INSPECTIONS AND TESTING AGENCIES. SAFE ACCESS MUST BE PROVIDED TO ALL INSPECTION AND TEST TO BE PERFORMED. THIS MAY REQUIRE THE CONTRACTOR TO PROVIDE SCAFFOLDING, LADDERS OR LIFTS
- 5. WHEN DEFICIENCIES ARE IDENTIFIED, THE CONTRACTOR MUST TAKE CORRECTIVE ACTIONS TO COMPLY WITH THE CONTRACT DOCUMENTS OR REMEDY THE DEFICIENCIES AS DIRECTED BY THE REGISTERED DESIGN PROFESSIONAL.
- 6. THE SPECIAL INSPECTION AND QUALITY ASSURANCE PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITY TO PERFORM

	QUALITY CONTROL.
7.	THE CONTRACTOR IS RESPONSIBLE FOR TESTING SERVICES THAT ARE REQUIRED FOR MATERIAL SUBMITTALS AND THAT NOT PART OF THE SPECIAL
	INSPECTIONS PROGRAM (E.G. AGGREGATE TESTS, CONCRETE MIX DESIGNS, TESTING OF CONTROLLED FILL, MATERIALS, ETC.).

	SERVICE	EXTENT	AGENT
INSPECT SIZE, SPACING, COVER, POSITIONING AND GRADE OF REINFORCING STEEL. VERIFY THAT REINFORCING BARS ARE FREE OF FORM OIL OR OTHER DELETERIOUS MATERIALS. INSPECT BAR LAPS AND MECHANICAL SPLICES. VERIFY THAT BARS ARE ADEQUATELY TIED AND SUPPORTED OF CHAIRS OR BOLSTERS.	FIELD INSPECTION	PERIODIC	ACI-CCI ICC-RCSI
. REINFORCING STEEL WELDING	FIELD INSPECTION		
A. VERIFICATION OF WELDABILITY OF STEEL OTHER THAN ASTM A707		PERIODIC	
B. REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, BOUNDARY ELEMENTS OF SPECIAL CONCRETE STRUCTURAL WALL		CONTINUOUS	
C. SHEAR REINFORCEMENT		CONTINUOUS	
INSPECT SIZE, POSITIONING AND EMBEDMENT OF ANCHOR RODS. INSPECT CONCRETE PLACEMENT AND CONSOLIDATION AROUND ANCHORS	FIELD INSPECTION	PERIODIC	
INSPECTION OF ANCHORS AND REINFORCING STEEL POST-INSTALLED IN HARDENED CONCRETE: PER RESEARCH REPORTS INCLUDING VERIFICATION OF ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE DIMENSIONS, HOLE CLEANING PROCEDURES, ANCHOR SPACING, EDGE DISTANCES, CONCRETE MINIMUM THICKNESS, ANCHOR EMBEDMENT AND TIGHTENING TORQUE	FIELD INSPECTION	PERIODIC OR AS REQUIRED BY THE RESEARCH REPORT ISSUED BY AN APPROVED SOURCE	ACI-CCI ICC-RCSI
REVIEW CONCRETE BATCH TICKETS AND VERIFY COMPLIANCE WITH APPROVED MIX DESIGN. VERIFY THAT WATER ADDED AT THE SITE DOES NOT EXCEED THAT ALLOWED BY THE MIX DESIGN	FIELD INSPECTION	PERIODIC	ACI-CCI ICC-RCSI
. TEST CONCRETE COMPRESSIVE STRENGTH (ASTM C31 & C39), SLUMP (ASTM C143), AIR-CONTENT (ASTM C231 OR C173) AND TEMPERATURE (ASTM C1064).	FIELD INSPECTION	CONTINUOUS	ACI-CFTT ACI-STT
INSPECT PLACEMENT OF CONCRETE. VERIFY THAT CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY THAT CONCRETE IS PROPERLY CONSOLIDATED.	FIELD INSPECTION	CONTINUOUS	ACI-CCI ICC-RCSI
. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	FIELD INSPECTION	PERIODIC	ACI-CCI ICC-RCSI
. INSPECTION OF FORMWORK FOR SHAPE, LINES, LOCATION AND DIMENSIONS	FIELD INSPECTION	PERIODIC	ACI-CCI ICC-RCSI
	FIELD TESTING AND REVIEW OF LABORATORY REPORTS	PERIODIC	

FIELD INSPECTION

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AGENT

PE/GE/EIT

PE/GE/EIT

PE/GE/EIT

PE/GE/EIT

PE/GE/EIT

PERIODIC

CONTINUOUS

PERIODIC

 VERIFY COMPLIANC SUBMITTALS 	E WITH APPROVED	FIELD INSPECTION	PERIODIC	
2. VERIFICATION OF F' CONSTRUCTION	M PRIOR TO	UNIT STRENGTH METHOD	PERIODIC	
STABILITY INDEX (VS	LUMP FLOW AND VISUAL SI) OF NG GROUT AS DELIVERED	FIELD TESTING	CONTINUOUS	ICC-SMSI
4. VERIFY PROPORTIO MORTAR, GROUT AN FOR BONDED TENDO	ID PRESTRESSING GROUT	FIELD INSPECTION	PERIODIC	ICC-SMSI
	E, AND SIZE OF ND ANCHOR BOLTS, AND IDONS AND ANCHORAGES	FIELD INSPECTION	PERIODIC	ICC-SMSI
6. VERIFY CONSTRUCT	TION OF MORTAR JOINTS	FIELD INSPECTION	PERIODIC	ICC-SMSI
7. VERIFY PLACEMENT CONNECTORS, AND AND ANCHORAGES	OF REINFORCEMENT, PRESTRESSING TENDONS	FIELD INSPECTION	PERIODIC	ICC-SMSI
8. VERIFY GROUT SPA	CE PRIOR TO GROUTING	FIELD INSPECTION	PERIODIC	ICC-SMSI
9. VERIFY PLACEMENT PRESTRESSING GRO TENDONS		FIELD INSPECTION	CONTINUOUS	ICC-SMSI
VERIFY SIZE AND LO MASONRY ELEMENT	CATION OF STRUCTURAL S	FIELD INSPECTION	PERIODIC	ICC-SMSI
11. VERIFY TYPE, SIZE, ANCHORS, INCLUDIN ANCHORAGE OF MA MEMBERS, FRAMES CONSTRUCTION.	NG DETAILS OF SONRY TO STRUCTURAL	FIELD INSPECTION	PERIODIC	ICC-SMSI
PROTECTION OF MA WEATHER (TEMPER	ON, CONSTRUCTION, AND SONRY DURING COLD ATURE BELOW 40°F) OR IPERATURE ABOVE 90°F)	FIELD INSPECTION	PERIODIC	ICC-SMSI

SERVICE

EXTENT

AGENT

MASONRY CONSTRUCTION

LEVEL B QUALITY ASSURANCE

ON					1	 >	Ш			ZZ	<u>_</u>
OF SLUMP FLOW AND VISUAL DEX (VSI) OF	FIELD TEOTING	CONTINUOUS	100 00401				_			ÓΣ	9
ELA (131) OI LIDATING GROUT AS DELIVERED ECT	FIELD TESTING	CONTINUOUS	ICC-SMSI			II.	R C H			4125 WESTOWN WEST DES MOIN	223 81
ORTIONS OF SITE-MIXED OUT AND PRESTRESSING GROUT TENDONS	FIELD INSPECTION	PERIODIC	ICC-SMSI			U	4			412 W	515
E, TYPE, AND SIZE OF ENT AND ANCHOR BOLTS, AND IG TENDONS AND ANCHORAGES	FIELD INSPECTION	PERIODIC	ICC-SMSI								
TRUCTION OF MORTAR JOINTS	FIELD INSPECTION	PERIODIC	ICC-SMSI								
	FIELD INSPECTION	PERIODIC	ICC-SMSI								
T SPACE PRIOR TO GROUTING	FIELD INSPECTION	PERIODIC	ICC-SMSI	_							
EMENT OF GROUT AND IG GROUT FOR BONDED	FIELD INSPECTION	CONTINUOUS	ICC-SMSI			딝					
ND LOCATION OF STRUCTURAL EMENTS	FIELD INSPECTION	PERIODIC	ICC-SMSI	_		WAI					
SIZE, AND LOCATION OF CLUDING DETAILS OF OF MASONRY TO STRUCTURAL AMES, OR OTHER DN.	FIELD INSPECTION	PERIODIC	ICC-SMSI			lo				CES	
ARATION, CONSTRUCTION, AND OF MASONRY DURING COLD MPERATURE BELOW 40°F) OR R (TEMPERATURE ABOVE 90°F)	FIELD INSPECTION	PERIODIC	ICC-SMSI			NINIA'				E SERVICES	
						ITERRACE ROAI	REPAIRS			IOWA DEPARTMENT OF ADMINISTRATIVE	2300 GRAND AVE, DES MOINE
					3						
						CRM	CRM	UCTION	7/9/2024	2202241	

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1. VERIFY MATERIALS BELOW SHALLOW

THE DESIGN BEARING CAPACITY.

FOUNDATIONS ARE ADEQUATE TO ACHIEVE

PROPER DEPTH AND HAVE REACHED PROPER

AND MODIFIED PROCTOR TESTS (ASTM D1557)

CONTROLLED FILL. TEST DENSITY OF EACH

LIFT OR FILL BY NUCLEAR METHODS (ASTM

5. PRIOR TO PLACEMENT OF CONTROLLED FILL,

HAS BEEN PREPARED PROPERLY.

OF EACH SOURCE OF FILL MATERIAL.

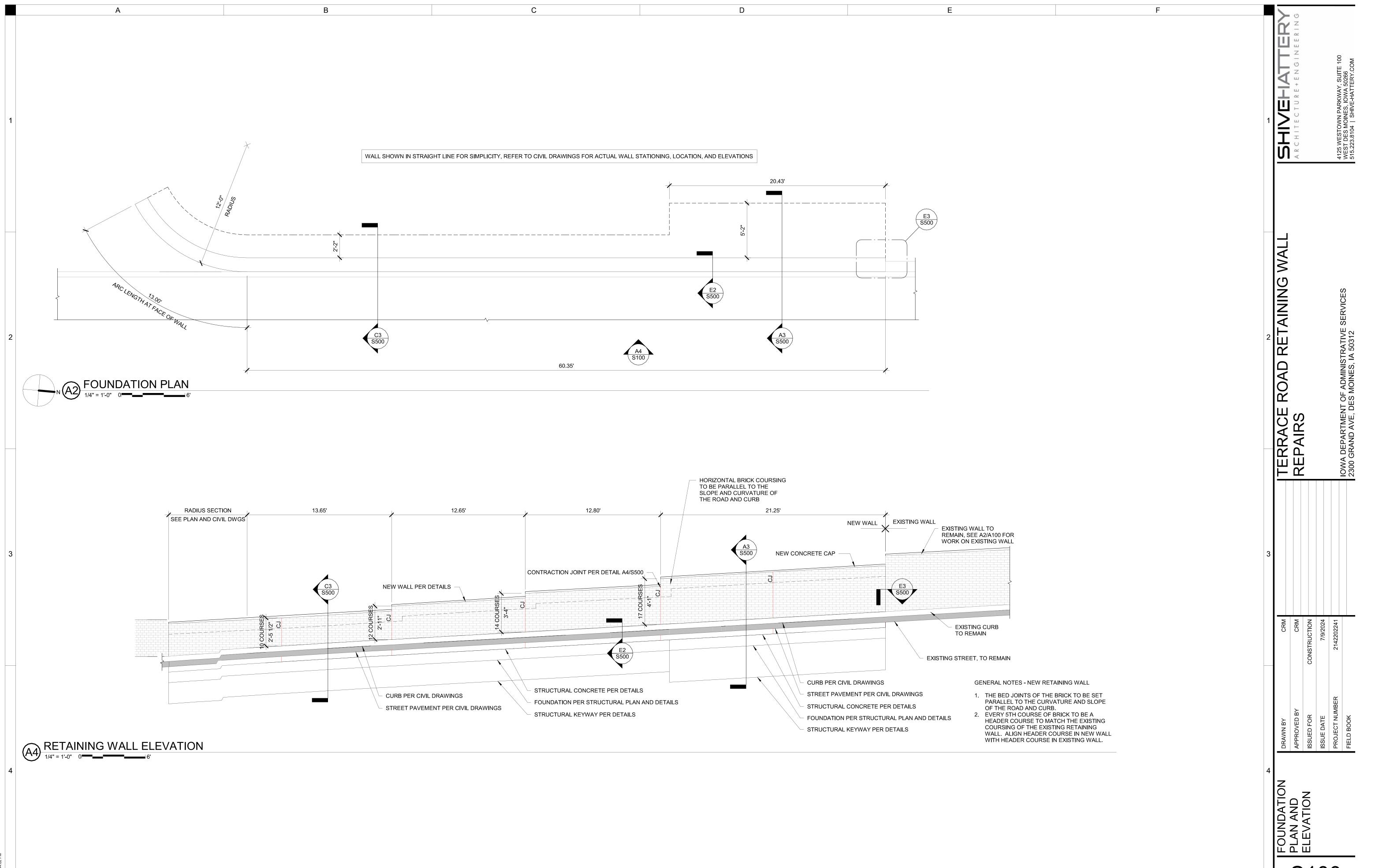
4. VERIFY USE OF PROPER MATERIALS,

2. VERIFY EXCAVATIONS ARE EXTENDED TO FIELD INSPECTION

3. PERFORM SIEVE TESTS (ASTM D422 & D1140) FIELD INSPECTION

DENSITIES, AND LIFT THICKNESSES DURING FIELD INSPECTION

OBSERVE SUBGRADE AND VERIFY THAT SITE | FIELD INSPECTION

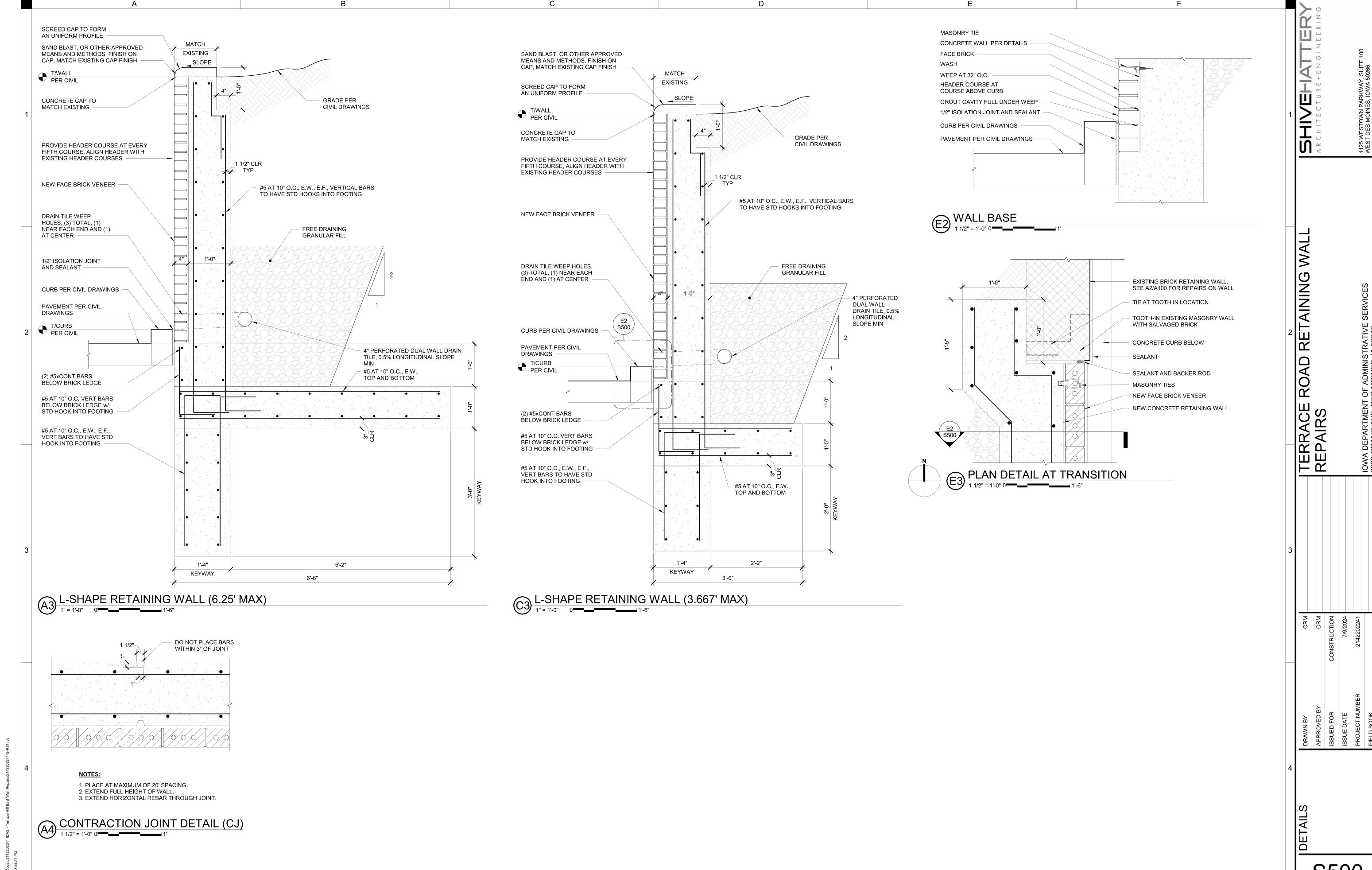


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Autode: 7/10/20

Autodesk Revit 2024

S100



Autodesk Revit 2024

S500