

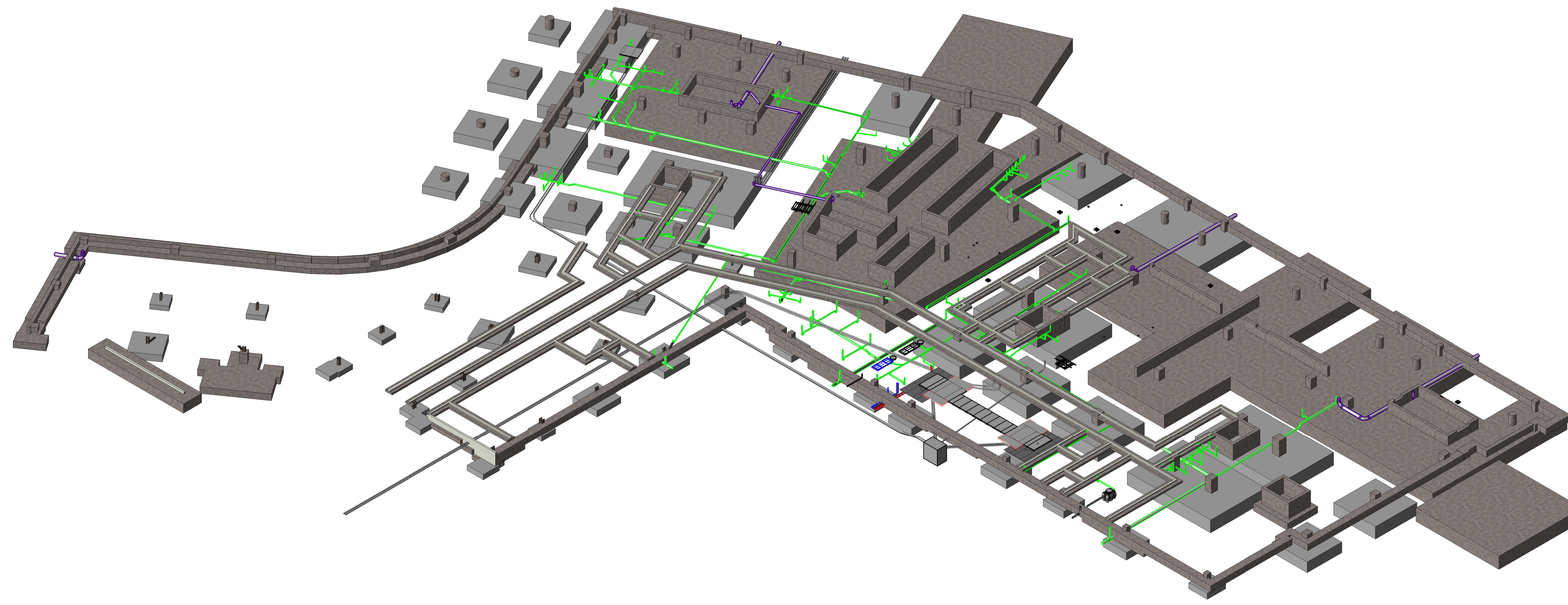
Project
**Consolidated Civil and Criminal Courthouse -
 Foundations &
 Underground Utilities**

2900 Prospect St
 Indianapolis, IN 46203

Prepared For
City of Indianapolis



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General Notes

Nothing set forth in these Drawings shall release any Contractor from responsibility to provide appropriate quantities, field measurements, dimensional stability, installation, anchorage and coordination with other trades, or waive the Contractor's responsibility to identify and resolve deviations from the requirements of the Contract Documents, or waive the Contractor's responsibility to alert the Architect to errors or omissions contained therein.

Each Contractor shall verify in the field all existing applicable conditions and dimensions shown on the Drawings and as pertinent to the intent of these Drawings. Any discrepancy discovered shall be brought to the attention of the Architect prior to the commencement of any Work affected by, or related to, such discrepancy. Each Contractor shall be responsible for all costs associated with, or caused by failure to comply with requirement.

Each Contractor shall review in advance all portions of the Work to verify that the Work will not prohibit completion of the Project as intended in these Contract Documents. Any questions shall be promptly referred to the Architect for resolution.

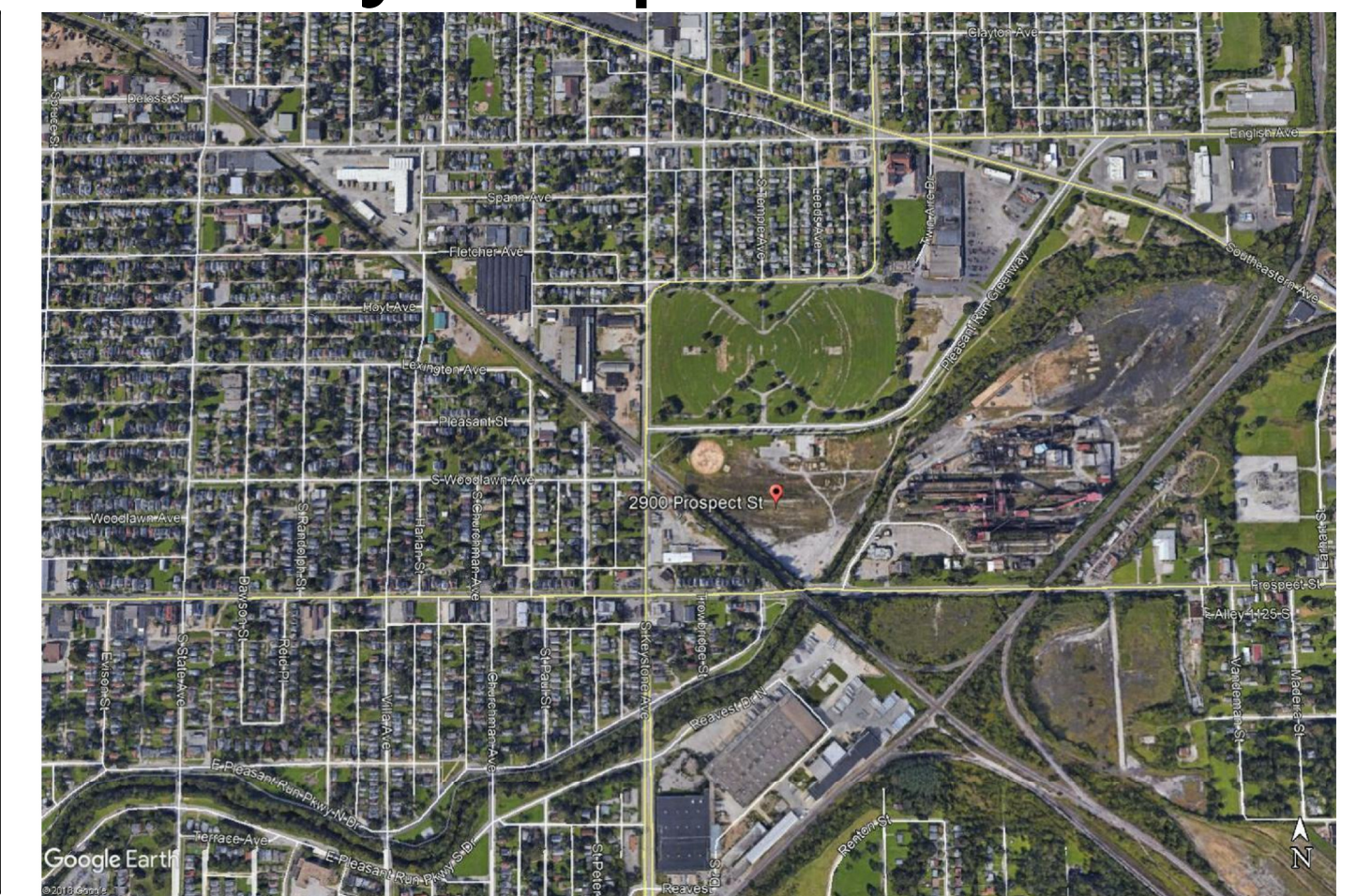
Each Contractor shall refer to the Project Manual or the Soil Management Plan for clearing and disposal requirements.

Each Contractor shall be responsible for the protection of all surfaces and finishes at interior and exterior of building. Damaged surfaces and finishes resulting from the performance of the Work shall be repaired at no cost to the Owner by the responsible Contractor to match existing to the satisfaction of the Owner.

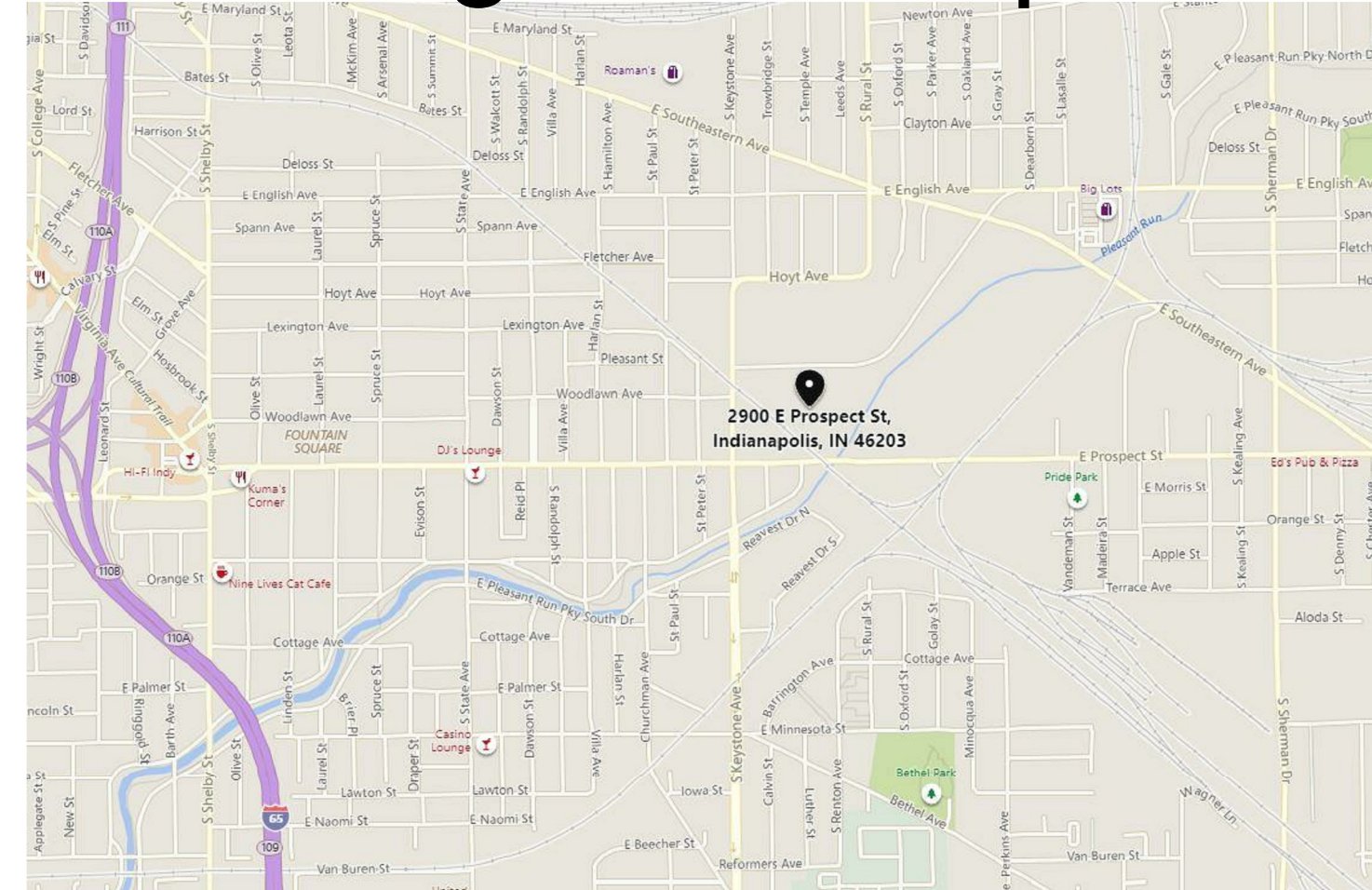
Each Contractor shall coordinate respective cutting and patching Work with the other Prime Contractors.

Each Contractor shall become completely familiar with all aspects of the Work, even those areas designated to be provided by others. This familiarization includes full and complete understanding of the Work described on all Sheets of the Drawings and in all Sections of the Project Manual. Failure by the Contractor to become completely familiar and cognizant of all aspects of the Work shall not relieve the Contractor of the responsibility to provide materials, assemblies, or services indicated in the Contract Documents.

Vicinity Map



Thoroughfare Map



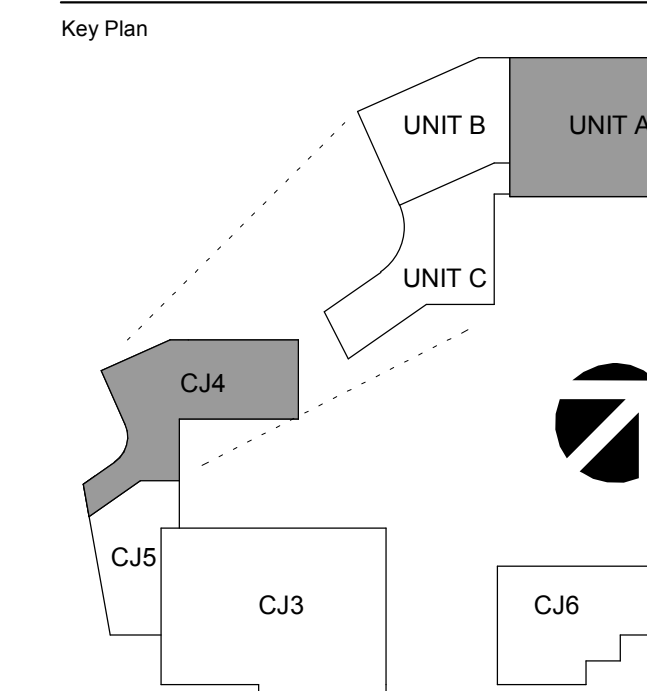
Professional Engineer seals for Sarah K. Hupert, Scott A. Clon, Matthew Conroy, Evan Nellis, Ronald E. Buxley, and Nicholas Krasmink, all registered in the State of Indiana. The seals include their names, registration numbers, and the date 3/1/2019.

Consolidated Civil and Criminal Courthouse

2900 Prospect St
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Package #: CJ4.1 Foundations & Underground Utilities

03.01.2019



No.	Revision Description	Date
A1.1	CA-1 Addendum 1	03/23/2019
A1.2	CA-1 Addendum 2	04/03/2019
A1.3	CA-1 Addendum 3	04/03/2019
A1.4	CA-1 Addendum 4	04/03/2019
A1.5	CA-1 Addendum 5	04/22/2019
A1.7	CA-1 Addendum 7	07/26/2019

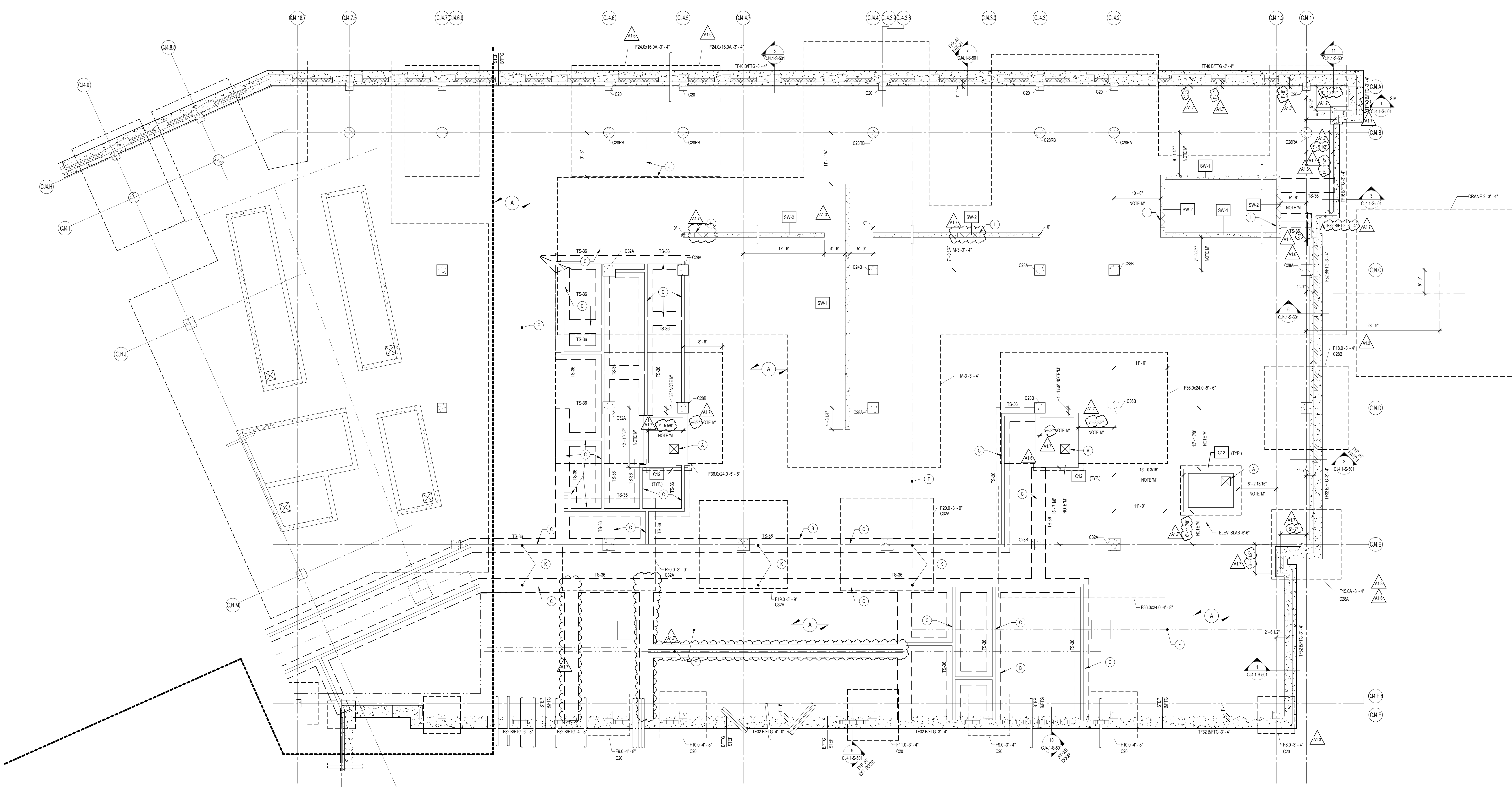
FOUNDATION PLAN NOTES

- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- ALL ELEVATIONS ARE REFERENCED FROM THE GROUND LEVEL FLOOR ELEVATION 0'-0" (U.S.S. 700.00).
- REF ARCH DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE COVERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS S-500.
- ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINFORCING AND/OR THE FLOORING SUPPLIER.
- GROUT ALL GAPS OF CMU BELOW FINISH FLOOR SLAB.
- COLUMN FOOTINGS, MAT FOUNDATIONS, AND WALL FOOTINGS SHALL BEAR ON SOILS MODIFIED WITH CONTROLLED MODULUS COLUMNS (CMCs). CMCs ARE PROVIDING AN ALLOWABLE BEARING PRESSURE NOT LESS THAN 1,000 PSF.

PLAN LEGEND:

- DENOTES COLUMN FOOTING MARK & TOP OF FTD. ELEVATION (SEE FIG. SCHED.)
- DENOTES CONC. OR STEEL COLUMN SIZE
- DENOTES APPROXIMATE LOCATION OF PIPE PENETRATION THROUGH FOUNDATION WALL. COORD. EXACT LOCATION AND INSET w/ APPROPRIATE TRADE. PROVIDE SLEEVE THROUGH FOUNDATION WALL PER TYPICAL DETAILS ON S-500.

Issue Date: 03.01.2019
 Project No: 2017-178.CCC
 Sheet Title: **FOUNDATION PLAN - UNIT A**



1 FOUNDATION PLAN - UNIT A
 1/8" = 1'-0"

TRENCH FOOTING SCHEDULE

FTG. MARK	FOOTING WIDTH	FOOTING REINFORCING	
		LONGITUDINAL	TRANSVERSE
TF16	1'-4"	(2) #5 x CONTINUOUS	#3 x 2'-2" @ 18" O.C.
TF32	2'-8"	(3) #5 x CONTINUOUS	#3 x 2'-2" @ 18" O.C.
TF40	3'-4"	(4) #5 x CONTINUOUS	#4 x 2'-10" @ 18" O.C.

NOTES:
 1. CENTER FOOTINGS BENEATH WALLS U.N.O.
 2. TOP OF TRENCH FOOTING = +1'-0" U.N.O. BOTTOM OF TRENCH FOOTING NOTED ON PLAN.
 3. TRENCH FOOTINGS IN EXISTING SOILS SHALL BE CAST DIRECTLY AGAINST SOIL WITHOUT FORMING WHERE EXISTING SOIL CONDITIONS PERMIT. FROM TOP OF TRENCH FOOTING ALL WALLS SHALL BE SLOTTED DOWNWARD 1" WHERE GRADE IS LOWER THAN THE INDICATED TOP OF FOOTING ELEVATION, OR WHERE TRENCH FOOTING WOULD INTERFERE WITH THE INSTALLATION OF DOWNPOUTS, COND. T. BOLLS, ETC. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING & CIVIL DRAWINGS.
 4. INTERIOR OF TRENCH FOOTING SHALL BE FORMED WITH RIGID INSULATION. TAKE CARE IN TRIMMING INTERIOR FACE OF EXCAVATION TO MINIMIZE GAPS BEHIND THE INSULATION. FILL WITH #4 CRUSHED STONE, TAMPING AND COMPACTING WHERE SPACE PERMITS.

BASEMENT / NON-SHEAR WALL SCHEDULE

MARK	Y/T	OUTSIDE (EARTH) FACE REINF.		INSIDE (EXPOSED) FACE REINF.	
		VERTICAL	HORIZ. DOWELS	VERTICAL	HORIZ. DOWELS
CM14	1'-2"	#5 @ 12"	#5 @ 18"	#5 @ 12"	#5 @ 12"
CM14	1'-4"	#5 @ 12"	#5 @ 18"	#5 @ 12"	#5 @ 12"
CM24	2'-4"	#7 @ 12"	#5 @ 14"	#7 @ 12"	#5 @ 14"

NOTES:
 1. ALL WALLS ARE TO HAVE A TWO CURTAINS OF REINFORCING.
 2. CRITICAL HEIGHT DENOTES H. ABOVE WHICH LARGER DIA. VERTICALS WITH FEWER TIES MAY BE USED. REFER TO FOUNDATION PLANS FOR TYPICAL TIES.
 3. TYPICAL TIE SPACING UNLESS NOTED OTHERWISE. PROVIDE FIRST TIE FROM TOP OF PER. HOLLOWED THREE-TIES ON CENTER, SPACE BALANCE OF TIES AT SCHEDULED SPACING WITH BOTTOM TIE HELD 2" ABOVE TOP OF FOOTING. NOTE INCREASE FROM THREE TO FIVE TIES AT 4" O.C. AT TOP OF PERS WHERE COLUMN ANCHOR ROSS ARE GREATER THAN 1/2" DIAMETER.
 4. PER DOWELS TO FUNCTION AS PER VERTS FOR LESS THAN OR EQ. TO 5'-0" H. PROVIDE SEPARATE DOWELS & VERTS FOR PERS GREATER THAN OR EQ. TO 5'-0" H.
 5. CONTRACT ENGINEER FOR DIRECTION OF COLUMN ANCHOR ROSS FUL WITH PER TIES OR UNLESS APPROVED.
 6. MIN. 1/4" OF PERS: #6 VERTICALS + 2" #7 ANCHORS + 2" #4.

CONCRETE SHEAR WALL SCHEDULE

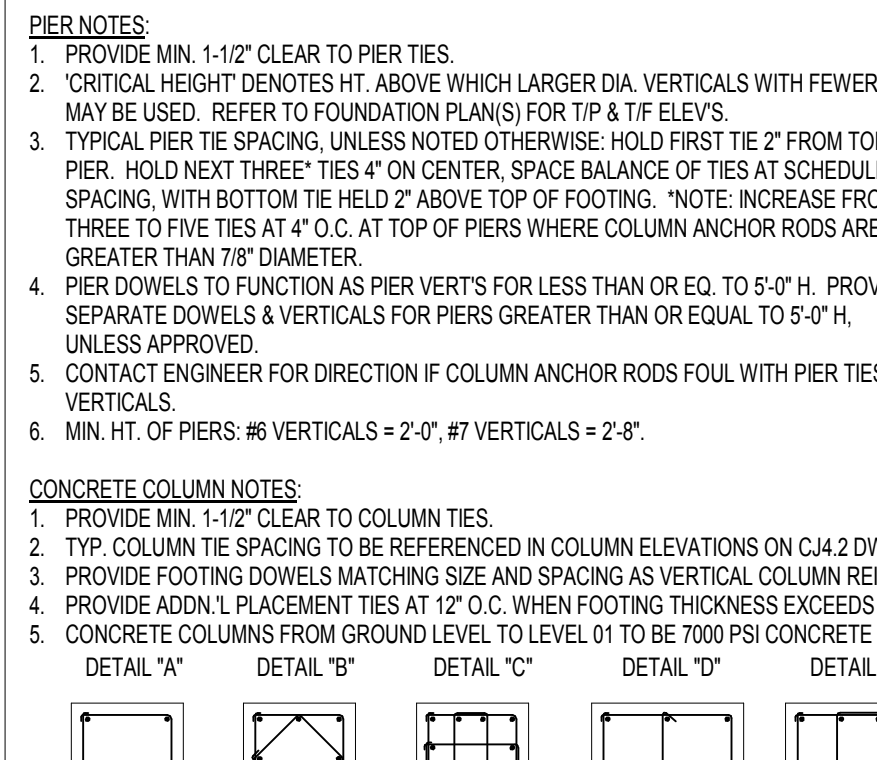
MARK	Y/T	END ZONE REINFORCING		FIELD REINFORCING	
		VERTICAL	HORIZ. DOWELS	VERTICAL	HORIZ. DOWELS
SW1	1'-2"	#6	#5 @ 12"	#5 @ 12"	#5 @ 12"
SW2	1'-2"	#6	#5 @ 12"	#5 @ 12"	#5 @ 12"
SW3	1'-2"	#6	#5 @ 12"	#5 @ 12"	#5 @ 12"

NOTES:
 1. CENTER FOOTINGS BENEATH WALLS U.N.O.
 2. CRITICAL HEIGHT DENOTES H. ABOVE WHICH LARGER DIA. VERTICALS WITH FEWER TIES MAY BE USED. REFER TO FOUNDATION PLANS FOR TYPICAL TIES.
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 5. CONTRACT ENGINEER FOR DIRECTION OF COLUMN ANCHOR ROSS FUL WITH PER TIES OR UNLESS APPROVED.
 6. MIN. 1/4" OF PERS: #6 VERTICALS + 2" #7 ANCHORS + 2" #4.

CONCRETE PIER/COLUMN SCHEDULE

MARK	SIZE	REINFORCING		DETAIL	CRITICAL HEIGHT
		VERTICALS	TIE-SIZE & SPA.		
P30	2'-0"	(8) #6	#3 @ 12" O.C.	B	< 3'-4"
P38	3'-2"	(12) #8	#3 @ 12" O.C.	C	< 3'-4"
C20	1'-8"	(8) #6	#4 @ 18" O.C.	B	NA
C24	2'-0"	(8) #6	#4 @ 18" O.C.	B	NA
C28	2'-4"	(12) #11	#4 @ 18" O.C.	C	NA
C32	2'-8"	(16) #11	#4 @ 18" O.C.	C	NA
C36	3'-2"	(20) #11	#4 @ 18" O.C.	C	NA
C40	3'-6"	(24) #11	#4 @ 18" O.C.	C	NA
C44	4'-0"	(28) #11	#4 @ 18" O.C.	C	NA
C48	4'-4"	(32) #11	#4 @ 18" O.C.	C	NA
C50	4'-8"	(36) #11	#4 @ 18" O.C.	C	NA

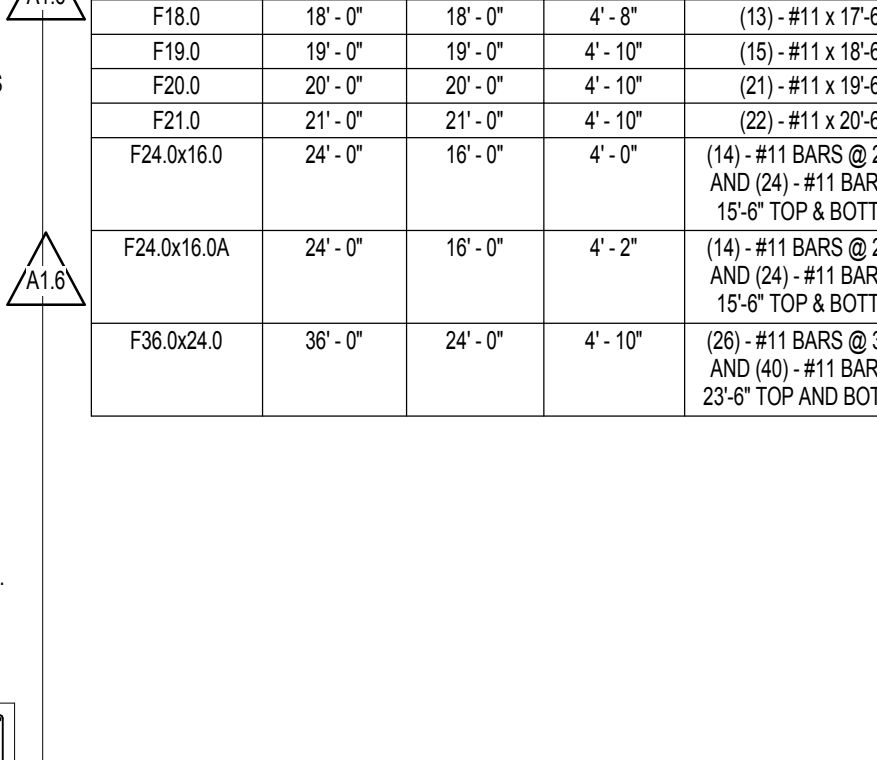
NOTES:
 1. PROVIDE MIN. 1'-0" CLEAR TO PER TIES.
 2. CRITICAL HEIGHT DENOTES H. ABOVE WHICH LARGER DIA. VERTICALS WITH FEWER TIES MAY BE USED. REFER TO FOUNDATION PLANS FOR TYPICAL TIES.
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 4. PER DOWELS TO FUNCTION AS PER VERTS FOR LESS THAN OR EQ. TO 5'-0" H. PROVIDE SEPARATE DOWELS & VERTS FOR PERS GREATER THAN OR EQ. TO 5'-0" H.
 5. CONTRACT ENGINEER FOR DIRECTION OF COLUMN ANCHOR ROSS FUL WITH PER TIES OR UNLESS APPROVED.
 6. MIN. 1/4" OF PERS: #6 VERTICALS + 2" #7 ANCHORS + 2" #4.



COLUMN FOOTING SCHEDULE

FOOTING MARK	LENGTH	WIDTH	DEPTH	REINF. EA. WAY BOT.	
				ONLY U.N.O.	ONLY U.N.O.
F30	4'-0"	4'-0"	4'-0"	(8) #5 x 6"	(8) #5 x 6"
F38	5'-0"	5'-0"	4'-0"	(12) #8 x 6"	(12) #8 x 6"
F46	6'-0"	6'-0"	4'-0"	(16) #8 x 6"	(16) #8 x 6"
F54	7'-0"	7'-0"	4'-0"	(20) #8 x 6"	(20) #8 x 6"
F62	8'-0"	8'-0"	4'-0"	(24) #8 x 6"	(24) #8 x 6"
F70	9'-0"	9'-0"	4'-0"	(28) #8 x 6"	(28) #8 x 6"
F78	10'-0"	10'-0"	4'-0"	(32) #8 x 6"	(32) #8 x 6"
F86	11'-0"	11'-0"	4'-0"	(36) #8 x 6"	(36) #8 x 6"
F94	12'-0"	12'-0"	4'-0"	(40) #8 x 6"	(40) #8 x 6"
F102	13'-0"	13'-0"	4'-0"	(44) #8 x 6"	(44) #8 x 6"
F110	14'-0"	14'-0"	4'-0"	(48) #8 x 6"	(48) #8 x 6"
F118	15'-0"	15'-0"	4'-0"	(52) #8 x 6"	(52) #8 x 6"
F126	16'-0"	16'-0"	4'-0"	(56) #8 x 6"	(56) #8 x 6"
F134	17'-0"	17'-0"	4'-0"	(60) #8 x 6"	(60) #8 x 6"
F142	18'-0"	18'-0"	4'-0"	(64) #8 x 6"	(64) #8 x 6"
F150	19'-0"	19'-0"	4'-0"	(68) #8 x 6"	(68) #8 x 6"
F158	20'-0"	20'-0"	4'-0"	(72) #8 x 6"	(72) #8 x 6"
F166	21'-0"	21'-0"	4'-0"	(76) #8 x 6"	(76) #8 x 6"
F174	22'-0"	22'-0"	4'-0"	(80) #8 x 6"	(80) #8 x 6"
F182	23'-0"	23'-0"	4'-0"	(84) #8 x 6"	(84) #8 x 6"
F190	24'-0"	24'-0"	4'-0"	(88) #8 x 6"	(88) #8 x 6"
F198	25'-0"	25'-0"	4'-0"	(92) #8 x 6"	(92) #8 x 6"
F206	26'-0"	26'-0"	4'-0"	(96) #8 x 6"	(96) #8 x 6"
F214	27'-0"	27'-0"	4'-0"	(100) #8 x 6"	(100) #8 x 6"
F222	28'-0"	28'-0"	4'-0"	(104) #8 x 6"	(104) #8 x 6"
F230	29'-0"	29'-0"	4'-0"	(108) #8 x 6"	(108) #8 x 6"
F238	30'-0"	30'-0"	4'-0"	(112) #8 x 6"	(112) #8 x 6"

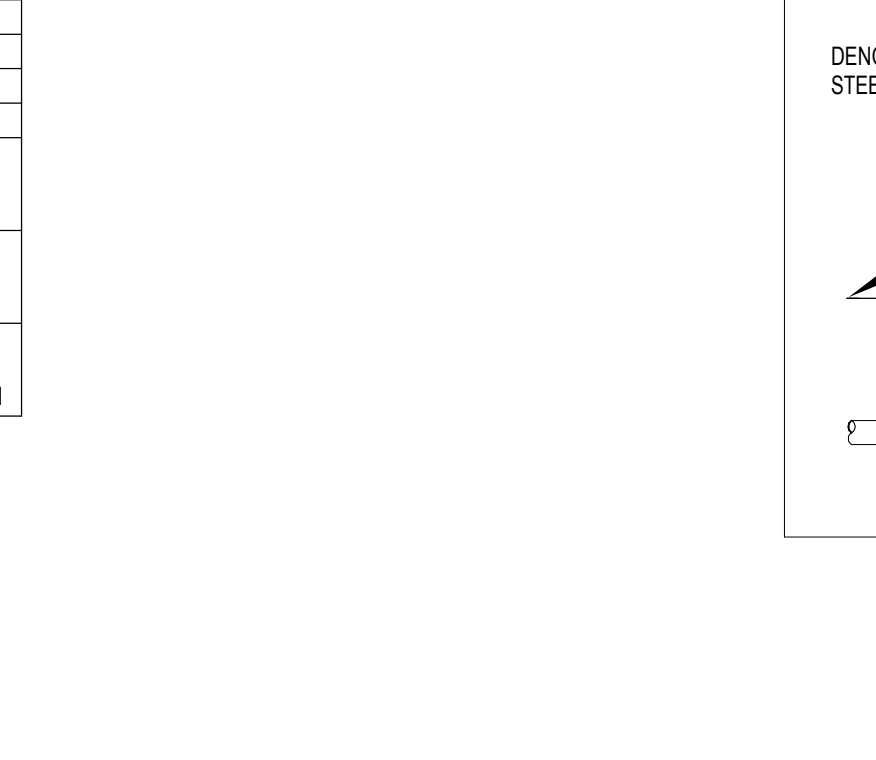
NOTES:
 1. PROVIDE MIN. 1'-0" CLEAR TO PER TIES.
 2. CRITICAL HEIGHT DENOTES H. ABOVE WHICH LARGER DIA. VERTICALS WITH FEWER TIES MAY BE USED. REFER TO FOUNDATION PLANS FOR TYPICAL TIES.
 3. TYPICAL TIE SPACING UNLESS NOTED OTHERWISE. PROVIDE FIRST TIE FROM TOP OF PER. HOLLOWED THREE-TIES ON CENTER, SPACE BALANCE OF TIES AT SCHEDULED SPACING WITH BOTTOM TIE HELD 2" ABOVE TOP OF FOOTING. NOTE INCREASE FROM THREE TO FIVE TIES AT 4" O.C. AT TOP OF PERS WHERE COLUMN ANCHOR ROSS ARE GREATER THAN 1/2" DIAMETER.
 4. PER DOWELS TO FUNCTION AS PER VERTS FOR LESS THAN OR EQ. TO 5'-0" H. PROVIDE SEPARATE DOWELS & VERTS FOR PERS GREATER THAN OR EQ. TO 5'-0" H.
 5. CONTRACT ENGINEER FOR DIRECTION OF COLUMN ANCHOR ROSS FUL WITH PER TIES OR UNLESS APPROVED.
 6. MIN. 1/4" OF PERS: #6 VERTICALS + 2" #7 ANCHORS + 2" #4.

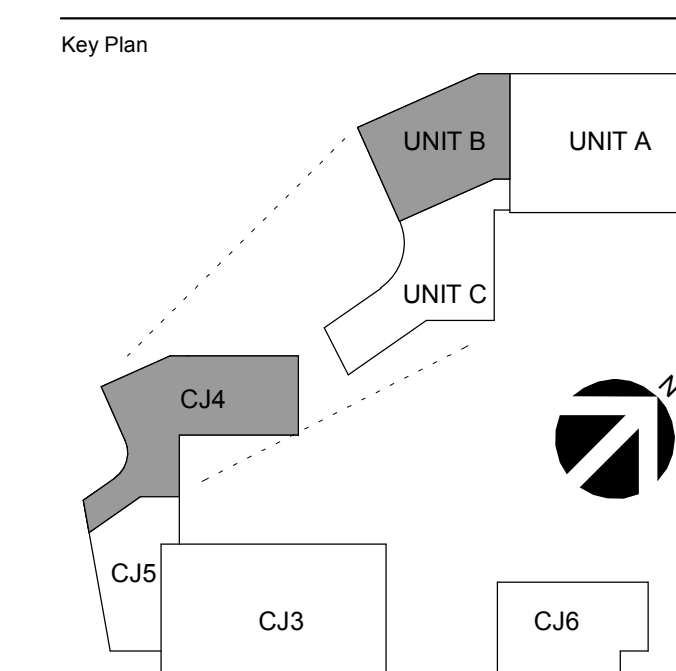
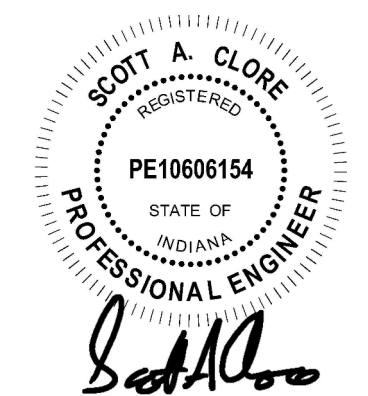


KEYED NOTES-FDN. PLAN

MARK	NOTE
A	SWAP PIP FOR TYPICAL DETAIL ON S-500. COORD. FINAL LOCATION w/ APPROPRIATE TRADE.
B	REF S-500 FOR TYPICAL THICKENED SLAB DETAIL.
C	FULL HEIGHT 8" CONC. BLOCK WALL GROUTED SOLID w/ #5 AT 6" O.C. VERT. AND HORIZ.
D	FULL HEIGHT 12" CONC. BLOCK WALL GROUTED SOLID w/ #5 AT 6" O.C. VERT. AND HORIZ.
E	PERMITS PERMITS FOUNDATION GRAN PER SECTION 235-500
F	APPROXIMATE LOCATION OF VAPOR MITIGATION VENT SPONGING. COORD. EXACT LOCATIONS AND EXTENTS WITH VAPOR MITIGATION DRAWINGS.
G	12" MIN. WIDE SLAB TURNDOWN TO 2'-0"
H	REF. C/S DOCUMENTS FOR SPECIFICS AND VERIFICATION OF DIMENSIONS.
I	AT LOCATIONS WHERE FOOTINGS ARE TOO CLOSE TO FORM SEPARATELY, 1" RIGID INSULATION SHALL BE USED TO SEPARATE THE FOOTINGS.
J	REFER TO DETAIL Z7C4.1-S-500 WHERE VAPOR VENT CROSSES THICKENED SLAB. COORD. EXACT LOCATIONS w/ VAPOR MITIGATION DRAWINGS.
K	REFER TO DETAIL Z7C4.1-S-500 WHERE VAPOR VENT CROSSES THICKENED SLAB. COORD. EXACT LOCATIONS w/ VAPOR MITIGATION DRAWINGS.
L	REF. S-500 ON C/J-1-S-500 FOR REINFORCING AROUND OPENINGS IN SHEARWALLS.
M	DIMENSIONS ARE TO BE VERIFIED AND COORDINATED WITH ELEVATOR STAIR SUPPLIERS.

NOTES:
 1. PROVIDE MIN. 1'-0" CLEAR TO PER TIES.
 2. CRITICAL HEIGHT DENOTES H. ABOVE WHICH LARGER DIA. VERTICALS WITH FEWER TIES MAY BE USED. REFER TO FOUNDATION PLANS FOR TYPICAL TIES.
 3. TYPICAL TIE SPACING UNLESS NOTED OTHERWISE. PROVIDE FIRST TIE FROM TOP OF PER. HOLLOWED THREE-TIES ON CENTER, SPACE BALANCE OF TIES AT SCHEDULED SPACING WITH BOTTOM TIE HELD 2" ABOVE TOP OF FOOTING. NOTE INCREASE FROM THREE TO FIVE TIES AT 4" O.C. AT TOP OF PERS WHERE COLUMN ANCHOR ROSS ARE GREATER THAN 1/2" DIAMETER.
 4. PER DOWELS TO FUNCTION AS PER VERTS FOR LESS THAN OR EQ. TO 5'-0" H. PROVIDE SEPARATE DOWELS & VERTS FOR PERS GREATER THAN OR EQ. TO 5'-0" H.
 5. CONTRACT ENGINEER FOR DIRECTION OF COLUMN ANCHOR ROSS FUL WITH PER TIES OR UNLESS APPROVED.
 6. MIN. 1/4" OF PERS: #6 VERTICALS + 2" #7 ANCHORS + 2" #4.





1 FOUNDATION PLAN - UNIT B
 1/8" = 1'-0"

BASEMENT / NON-SHEAR WALL SCHEDULE

MARK	FT	OUTSIDE EARTH FACE REIN.		INSIDE EXPOSED FACE REIN.	
		VERTICAL	HORIZ.	VERTICAL	HORIZ.
CW-12	1/2"	#5 @ 12"	#5 @ 12"	MATCH VERTS.	MATCH VERTS.
CW-14	1/4"	#5 @ 12"	#5 @ 12"	MATCH VERTS.	MATCH VERTS.
CW-24	1/4"	#5 @ 12"	#5 @ 12"	MATCH VERTS.	MATCH VERTS.

CONCRETE SHEAR WALL SCHEDULE

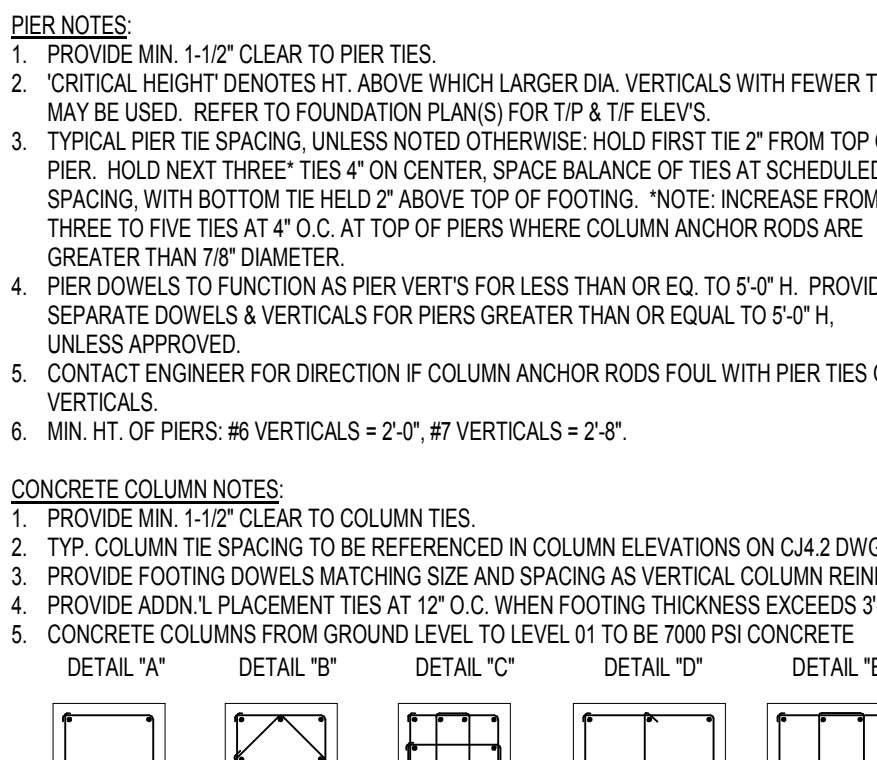
MARK	FT	END ZONE REINFORCING		FIELD REINFORCING	
		VERTICAL	HORIZ.	VERTICAL	HORIZ.
SW-1	1/2"	#5 @ 12"	#5 @ 12"	#5 @ 12"	#5 @ 12"
SW-2	1/2"	#5 @ 12"	#5 @ 12"	#5 @ 12"	#5 @ 12"
SW-3	1/2"	#5 @ 12"	#5 @ 12"	#5 @ 12"	#5 @ 12"

WALL FOOTING SCHEDULE

MARK	FT	FOOTING SIZE		FOOTING REINFORCING	
		LONGITUDINAL	TRANSVERSE	LONGITUDINAL	TRANSVERSE
WF-1	2'-0"	#4 @ 12"	#4 @ 12"	#4 @ 12"	#4 @ 12"
WF-2	2'-0"	#4 @ 12"	#4 @ 12"	#4 @ 12"	#4 @ 12"
WF-3	2'-0"	#4 @ 12"	#4 @ 12"	#4 @ 12"	#4 @ 12"

CONCRETE PIER/COLUMN SCHEDULE

MARK	SIZE	REINFORCING			CRITICAL HEIGHT
		VERTICALS	TIES-SIZE & SPA.	DETAIL	
PS-1	2'-0"	#6 @ 12"	#4 @ 12" O.C.	A	> 3'-4"
PS-2	3'-0"	#6 @ 12"	#4 @ 12" O.C.	B	> 3'-4"
C20	1'-8"	#6 @ 12"	#4 @ 12" O.C.	B	N/A



COLUMN FOOTING SCHEDULE

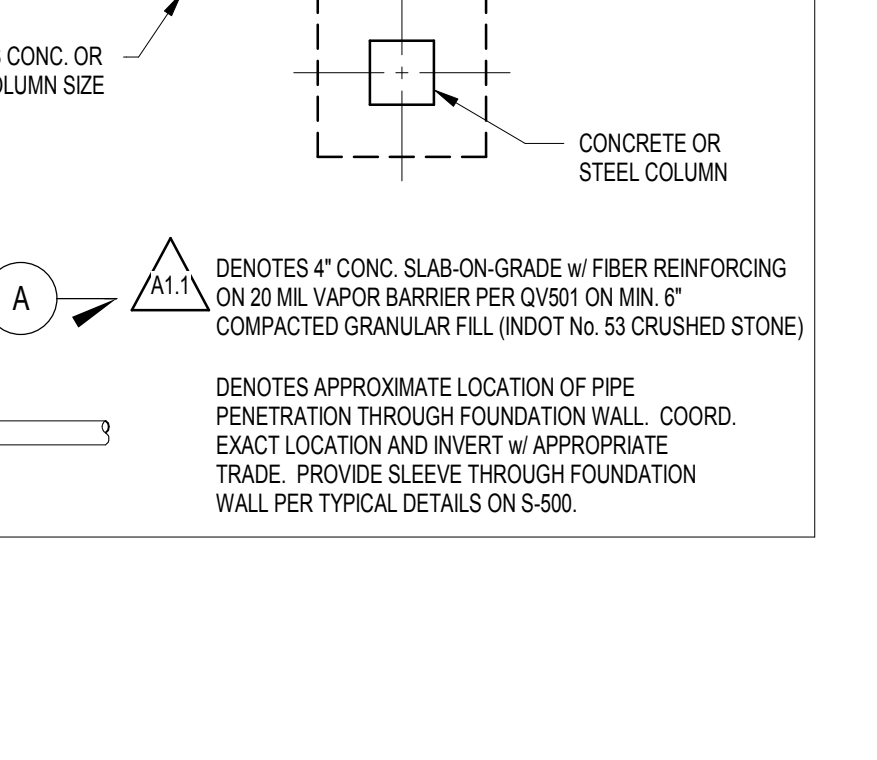
FOOTING MARK	LENGTH	WIDTH	DEPTH	REIN. EA. WAY BOT.	
				ONLY U.O.	ONLY D.O.
F10	4'-0"	4'-0"	1'-0"	#6 @ 12"	#4 @ 12"
F15	6'-0"	6'-0"	1'-0"	#6 @ 12"	#4 @ 12"
F20	8'-0"	8'-0"	1'-0"	#6 @ 12"	#4 @ 12"

KEYED NOTES-FDN. PLAN

- A. SWAMP PER PER TYPICAL DETAIL ON S500. COORD. FINAL LOCATION w/ APPROPRIATE TRADE.
- B. REF. S500 FOR TYPICAL THICKENED SLAB DETAIL.
- C. FULL HEIGHT 1" CONC. BLOCK WALL GROUTED SOLID w/ #5 AT 6" VERT. AND HORIZ.
- D. FULL HEIGHT 1" CONC. BLOCK WALL GROUTED SOLID w/ #5 AT 6" VERT. AND HORIZ.
- E. FORMOTES PERIMETER FOUNDATION DRAIN PER SECTION 295-500.
- F. APPROXIMATE LOCATION OF VAPOR MITIGATION VENT SPACING. COORD. EXACT LOCATIONS AND EXTENTS WITH VAPOR MITIGATION DRAWINGS.
- G. 1" MIN. INSUL. SLAB TURNCOIN TO 2'-0".
- H. REF. CJS DOCUMENTS FOR SPECIFICS AND VERIFICATION OF DIMENSIONS.
- I. AT LOCATIONS WHERE FOOTINGS ARE TOO CLOSE TO FORM SEPARATELY 1" RIGID INSULATION SHALL BE USED TO SEPARATE THE FOOTINGS.
- J. REFER TO DETAIL ZYC/A 18-500 WHERE VAPOR VENT CROSSES THICKENED SLAB. COORD. EXACT LOCATIONS w/ VAPOR MITIGATION DRAWINGS.
- K. REFER TO DETAIL ZYC/A 18-500 FOR REINFORCING AROUND OPENINGS IN SHEARWALLS.
- L. REF. S & R ON CJA 18-500 FOR REINFORCING AROUND OPENINGS IN SHEARWALLS.
- M. DIMENSIONS ARE TO BE VERIFIED AND COORDINATED WITH ELEVATOR STAIR SUPPLIERS.

FOUNDATION PLAN NOTES

- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK SHALL BE INDICATED.
- ALL ELEVATIONS ARE REFERENCED FROM THE GROUND LEVEL FLOOR ELEVATION 0'-0" (U.S.S. 305.50).
- REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE COVERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) AS SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S500.
- ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTH OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REIN. NOTED ON PLANS & SECTIONS.
- GROUT ALL CORES OF CMU BELOW FINISH FLOOR SLAB.
- ALL COLUMN FOOTINGS, MAT FOUNDATIONS, AND WALL FOOTINGS SHALL BEAR ON SOLID MODIFIED WITH CONTROLLED MODULUS SUBGRADE (CMS). CMS ARE PROVIDING AN ALLOWABLE BEARING PRESSURE NOT LESS THAN 1,000 PSF.



No.	Revision Description	Date
A1.1	CJA 1-Addendum 1	03/23/2019
A1.2	CJA 1-Addendum 2	04/03/2019
A1.3	CJA 1-Addendum 3	04/03/2019
A1.4	CJA 1-Addendum 4	06/11/2019
A1.5	CJA 1-Addendum 5	08/27/2019
A1.7	CJA 1-Addendum 7	07/26/2019

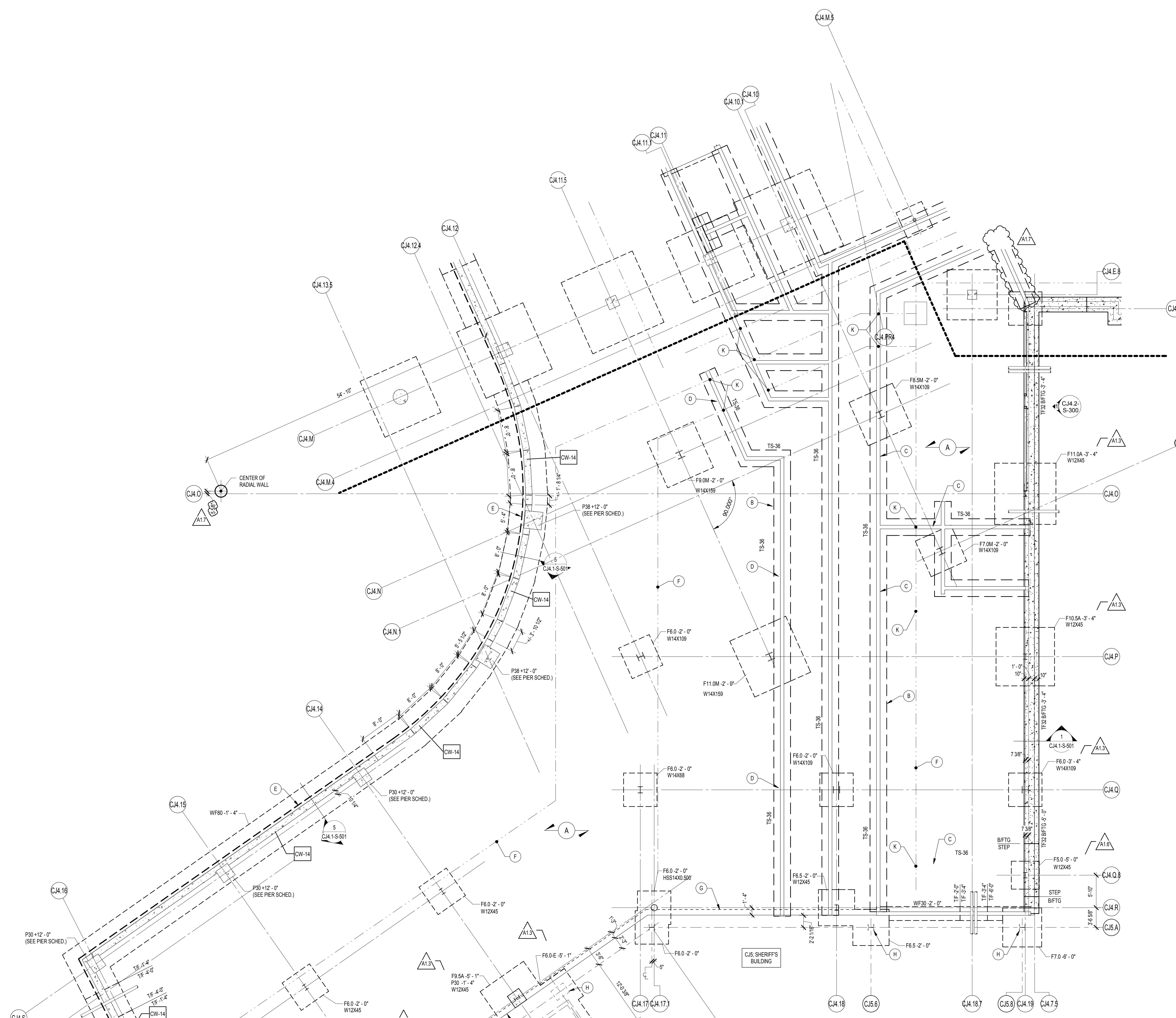
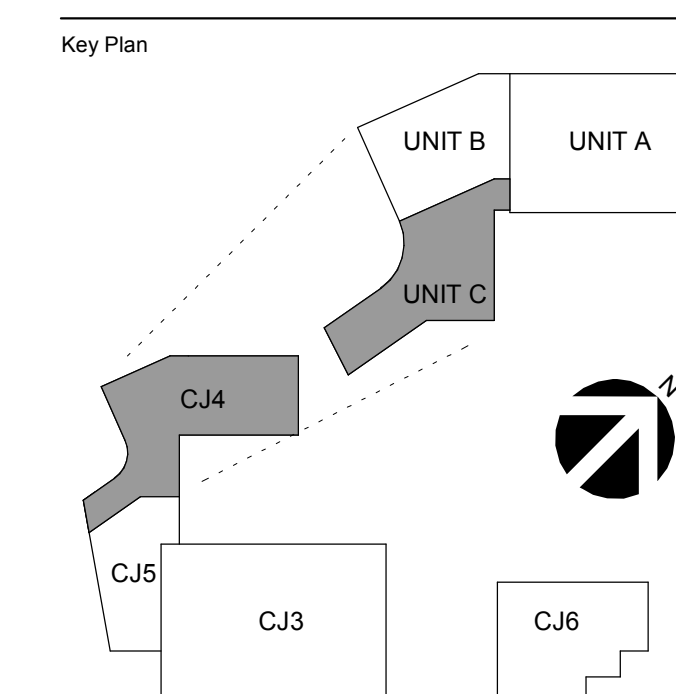
Issue Date: 03.01.2019

Project No: 2017-178.CCC

Sheet Title: **FOUNDATION PLAN - UNIT B**

Original drawing is 1/8" = 1'-0". Do not scale contents of the drawing.

Sheet Number: **CJA.1-SB100B**



1 FOUNDATION PLAN - UNIT C
 1/8" = 1'-0"

BASEMENT / NON-SHEAR WALL SCHEDULE

MARK	OUTSIDE (EARTH) FACE REINFORCING	INSIDE (EXPOSED) FACE REINFORCING
MARK	VERTICAL	VERTICAL
W12	#5 @ 12"	#5 @ 12"
W14	#5 @ 12"	#5 @ 12"
W16	#5 @ 12"	#5 @ 12"
W18	#5 @ 12"	#5 @ 12"
W20	#5 @ 12"	#5 @ 12"

CONCRETE SHEAR WALL SCHEDULE

MARK	END ZONE REINFORCING	FIELD REINFORCING
MARK	VERTICAL	VERTICAL
SW1	#5 @ 12"	#5 @ 12"
SW2	#5 @ 12"	#5 @ 12"
SW3	#5 @ 12"	#5 @ 12"

TRENCH FOOTING SCHEDULE

MARK	FOOTING WIDTH	FOOTING REINFORCING
MARK	WIDTH	LONGITUDINAL
TF1	14"	#3 @ 12" @ 90° O.C.
TF2	24"	#3 @ 12" @ 90° O.C.
TF3	24"	#3 @ 12" @ 90° O.C.
TF4	34"	#3 @ 12" @ 90° O.C.

WALL FOOTING SCHEDULE

MARK	FOOTING SIZE	FOOTING REINFORCING
MARK	WIDTH	LONGITUDINAL
WF1	12" x 12"	#3 @ 12" @ 90° O.C.
WF2	12" x 12"	#3 @ 12" @ 90° O.C.
WF3	12" x 12"	#3 @ 12" @ 90° O.C.

CONCRETE PIER/COLUMN SCHEDULE

MARK	SIZE	VERTICALS	TIES-SE & SPA	DETAIL	CRITICAL HEIGHT
P10	2'-0" x 2'-0"	#4 @ 12" O.C.	A	B	≤ 3'-4"
P12	3'-0" x 3'-0"	#4 @ 12" O.C.	C	B	≤ 3'-4"
P14	4'-0" x 4'-0"	#4 @ 12" O.C.	D	B	≤ 3'-4"
P16	5'-0" x 5'-0"	#4 @ 12" O.C.	E	B	≤ 3'-4"
P18	6'-0" x 6'-0"	#4 @ 12" O.C.	F	B	≤ 3'-4"
P20	7'-0" x 7'-0"	#4 @ 12" O.C.	G	B	≤ 3'-4"
P22	8'-0" x 8'-0"	#4 @ 12" O.C.	H	B	≤ 3'-4"
P24	9'-0" x 9'-0"	#4 @ 12" O.C.	I	B	≤ 3'-4"
P26	10'-0" x 10'-0"	#4 @ 12" O.C.	J	B	≤ 3'-4"
P28	11'-0" x 11'-0"	#4 @ 12" O.C.	K	B	≤ 3'-4"
P30	12'-0" x 12'-0"	#4 @ 12" O.C.	L	B	≤ 3'-4"
P32	13'-0" x 13'-0"	#4 @ 12" O.C.	M	B	≤ 3'-4"
P34	14'-0" x 14'-0"	#4 @ 12" O.C.	N	B	≤ 3'-4"
P36	15'-0" x 15'-0"	#4 @ 12" O.C.	O	B	≤ 3'-4"
P38	16'-0" x 16'-0"	#4 @ 12" O.C.	P	B	≤ 3'-4"
P40	17'-0" x 17'-0"	#4 @ 12" O.C.	Q	B	≤ 3'-4"
P42	18'-0" x 18'-0"	#4 @ 12" O.C.	R	B	≤ 3'-4"
P44	19'-0" x 19'-0"	#4 @ 12" O.C.	S	B	≤ 3'-4"
P46	20'-0" x 20'-0"	#4 @ 12" O.C.	T	B	≤ 3'-4"
P48	21'-0" x 21'-0"	#4 @ 12" O.C.	U	B	≤ 3'-4"
P50	22'-0" x 22'-0"	#4 @ 12" O.C.	V	B	≤ 3'-4"
P52	23'-0" x 23'-0"	#4 @ 12" O.C.	W	B	≤ 3'-4"
P54	24'-0" x 24'-0"	#4 @ 12" O.C.	X	B	≤ 3'-4"
P56	25'-0" x 25'-0"	#4 @ 12" O.C.	Y	B	≤ 3'-4"
P58	26'-0" x 26'-0"	#4 @ 12" O.C.	Z	B	≤ 3'-4"

CONCRETE COLUMN SCHEDULE

MARK	SIZE	VERTICALS	TIES-SE & SPA	DETAIL	CRITICAL HEIGHT
C10	10" x 10"	#4 @ 12" O.C.	A	B	≤ 3'-4"
C12	12" x 12"	#4 @ 12" O.C.	C	B	≤ 3'-4"
C14	14" x 14"	#4 @ 12" O.C.	D	B	≤ 3'-4"
C16	16" x 16"	#4 @ 12" O.C.	E	B	≤ 3'-4"
C18	18" x 18"	#4 @ 12" O.C.	F	B	≤ 3'-4"
C20	20" x 20"	#4 @ 12" O.C.	G	B	≤ 3'-4"
C22	22" x 22"	#4 @ 12" O.C.	H	B	≤ 3'-4"
C24	24" x 24"	#4 @ 12" O.C.	I	B	≤ 3'-4"
C26	26" x 26"	#4 @ 12" O.C.	J	B	≤ 3'-4"
C28	28" x 28"	#4 @ 12" O.C.	K	B	≤ 3'-4"
C30	30" x 30"	#4 @ 12" O.C.	L	B	≤ 3'-4"
C32	32" x 32"	#4 @ 12" O.C.	M	B	≤ 3'-4"
C34	34" x 34"	#4 @ 12" O.C.	N	B	≤ 3'-4"
C36	36" x 36"	#4 @ 12" O.C.	O	B	≤ 3'-4"
C38	38" x 38"	#4 @ 12" O.C.	P	B	≤ 3'-4"
C40	40" x 40"	#4 @ 12" O.C.	Q	B	≤ 3'-4"
C42	42" x 42"	#4 @ 12" O.C.	R	B	≤ 3'-4"
C44	44" x 44"	#4 @ 12" O.C.	S	B	≤ 3'-4"
C46	46" x 46"	#4 @ 12" O.C.	T	B	≤ 3'-4"
C48	48" x 48"	#4 @ 12" O.C.	U	B	≤ 3'-4"
C50	50" x 50"	#4 @ 12" O.C.	V	B	≤ 3'-4"
C52	52" x 52"	#4 @ 12" O.C.	W	B	≤ 3'-4"
C54	54" x 54"	#4 @ 12" O.C.	X	B	≤ 3'-4"
C56	56" x 56"	#4 @ 12" O.C.	Y	B	≤ 3'-4"
C58	58" x 58"	#4 @ 12" O.C.	Z	B	≤ 3'-4"

CONCRETE COLUMN SCHEDULE

MARK	SIZE	VERTICALS	TIES-SE & SPA	DETAIL	CRITICAL HEIGHT
C10	10" x 10"	#4 @ 12" O.C.	A	B	≤ 3'-4"
C12	12" x 12"	#4 @ 12" O.C.	C	B	≤ 3'-4"
C14	14" x 14"	#4 @ 12" O.C.	D	B	≤ 3'-4"
C16	16" x 16"	#4 @ 12" O.C.	E	B	≤ 3'-4"
C18	18" x 18"	#4 @ 12" O.C.	F	B	≤ 3'-4"
C20	20" x 20"	#4 @ 12" O.C.	G	B	≤ 3'-4"
C22	22" x 22"	#4 @ 12" O.C.	H	B	≤ 3'-4"
C24	24" x 24"	#4 @ 12" O.C.	I	B	≤ 3'-4"
C26	26" x 26"	#4 @ 12" O.C.	J	B	≤ 3'-4"
C28	28" x 28"	#4 @ 12" O.C.	K	B	≤ 3'-4"
C30	30" x 30"	#4 @ 12" O.C.	L	B	≤ 3'-4"
C32	32" x 32"	#4 @ 12" O.C.	M	B	≤ 3'-4"
C34	34" x 34"	#4 @ 12" O.C.	N	B	≤ 3'-4"
C36	36" x 36"	#4 @ 12" O.C.	O	B	≤ 3'-4"
C38	38" x 38"	#4 @ 12" O.C.	P	B	≤ 3'-4"
C40	40" x 40"	#4 @ 12" O.C.	Q	B	≤ 3'-4"
C42	42" x 42"	#4 @ 12" O.C.	R	B	≤ 3'-4"
C44	44" x 44"	#4 @ 12" O.C.	S	B	≤ 3'-4"
C46	46" x 46"	#4 @ 12" O.C.	T	B	≤ 3'-4"
C48	48" x 48"	#4 @ 12" O.C.	U	B	≤ 3'-4"
C50	50" x 50"	#4 @ 12" O.C.	V	B	≤ 3'-4"
C52	52" x 52"	#4 @ 12" O.C.	W	B	≤ 3'-4"
C54	54" x 54"	#4 @ 12" O.C.	X	B	≤ 3'-4"
C56	56" x 56"	#4 @ 12" O.C.	Y	B	≤ 3'-4"
C58	58" x 58"	#4 @ 12" O.C.	Z	B	≤ 3'-4"

CONCRETE COLUMN SCHEDULE

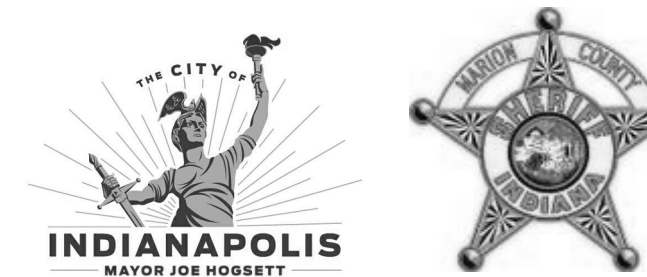
MARK	SIZE	VERTICALS	TIES-SE & SPA	DETAIL	CRITICAL HEIGHT
C10	10" x 10"	#4 @ 12" O.C.	A	B	≤ 3'-4"
C12	12" x 12"	#4 @ 12" O.C.	C	B	≤ 3'-4"
C14	14" x 14"	#4 @ 12" O.C.	D	B	≤ 3'-4"
C16	16" x 16"	#4 @ 12" O.C.	E	B	≤ 3'-4"
C18	18" x 18"	#4 @ 12" O.C.	F	B	≤ 3'-4"
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C26	26" x 26"	#4 @ 12" O.C.	J	B	≤ 3'-4"
C28	28" x 28"	#4 @ 12" O.C.	K	B	≤ 3'-4"
C30	30" x 30"	#4 @ 12" O.C.	L	B	≤ 3'-4"
C32	32" x 32"	#4 @ 12" O.C.	M	B	≤ 3'-4"
C34	34" x 34"	#4 @ 12" O.C.	N	B	≤ 3'-4"
C36	36" x 36"	#4 @ 12" O.C.	O	B	≤ 3'-4"
C38	38" x 38"	#4 @ 12" O.C.	P	B	≤ 3'-4"
C40	40" x 40"	#4 @ 12" O.C.	Q	B	≤ 3'-4"
C42	42" x 42"	#4 @ 12" O.C.	R	B	≤ 3'-4"
C44	44" x 44"	#4 @ 12" O.C.	S	B	≤ 3'-4"
C46	46" x 46"	#4 @ 12" O.C.	T	B	≤ 3'-4"
C48	48" x 48"	#4 @ 12" O.C.	U	B	≤ 3'-4"
C50	50" x 50"	#4 @ 12" O.C.	V	B	≤ 3'-4"
C52	52" x 52"	#4 @ 12" O.C.	W	B	≤ 3'-4"
C54	54" x 54"	#4 @ 12" O.C.	X	B	≤ 3'-4"
C56	56" x 56"	#4 @ 12" O.C.	Y	B	≤ 3'-4"
C58	58" x 58"	#4 @ 12" O.C.	Z	B	≤ 3'-4"

CONCRETE COLUMN SCHEDULE

MARK	SIZE	VERTICALS	TIES-SE & SPA	DETAIL	CRITICAL HEIGHT
C10	10" x 10"	#4 @ 12" O.C.	A	B	≤ 3'-4"
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C26	26" x 26"	#4 @ 12" O.C.	J	B	≤ 3'-4"
C28	28" x 28"	#4 @ 12" O.C.	K	B	≤ 3'-4"
C30	30" x 30"	#4 @ 12" O.C.	L	B	≤ 3'-4"
C32	32" x 32"	#4 @ 12" O.C.	M	B	≤ 3'-4"
C34	34" x 34"	#4 @ 12" O.C.	N	B	≤ 3'-4"
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CONCRETE COLUMN SCHEDULE

MARK	SIZE	VERTICALS	TIES-SE & SPA	DETAIL	CRITICAL HEIGHT
C10	10" x 10"	#4 @ 12" O.C.	A	B	≤ 3'-4"
C12	12" x 12"	#4 @ 12" O.C.	C	B	≤ 3'-4"
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C34	34" x 34"	#4 @ 12" O.C.	N	B	≤ 3'-4"
C36	36" x 36"	#4 @ 12" O.C.	O	B	≤ 3'-4"
C38	38" x 38"	#4 @ 12" O.C.	P	B	≤ 3'-4"
C40	40" x 40"	#4 @ 12" O.C.	Q	B	



Project
**Consolidated Civil and
 Criminal Courthouse -
 Foundations, Underground
 Utilities & Vapor Mitigation**

2900 Prospect St
 Indianapolis, IN 46203

Prepared For
 City of Indianapolis



3914 Prospect Street,
 Indianapolis, IN 46203
 317.359.5411



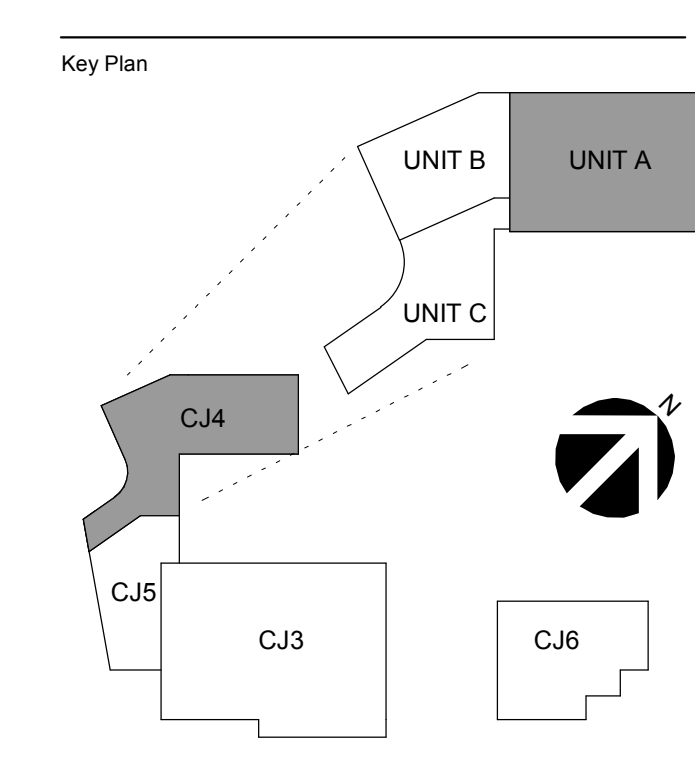
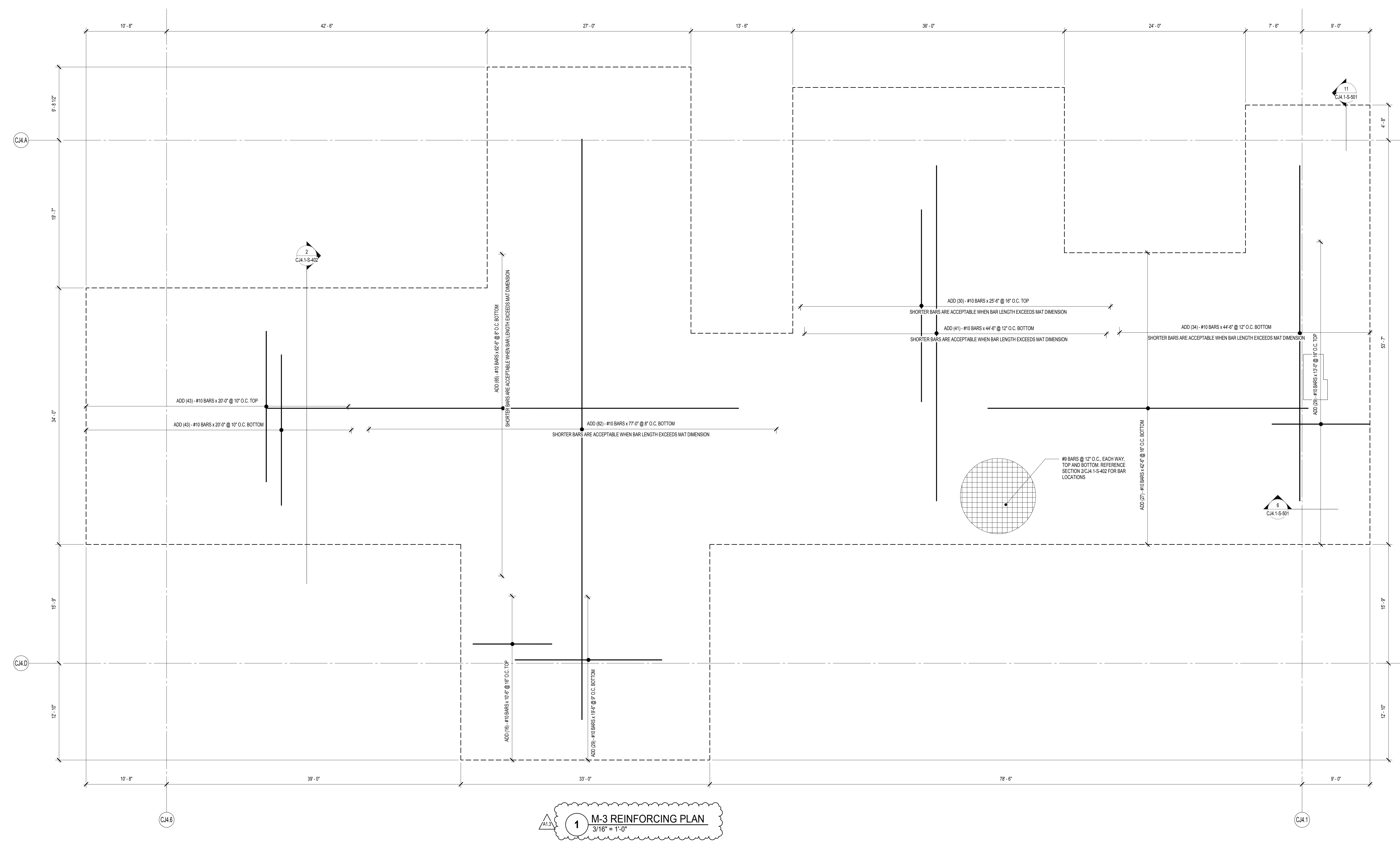
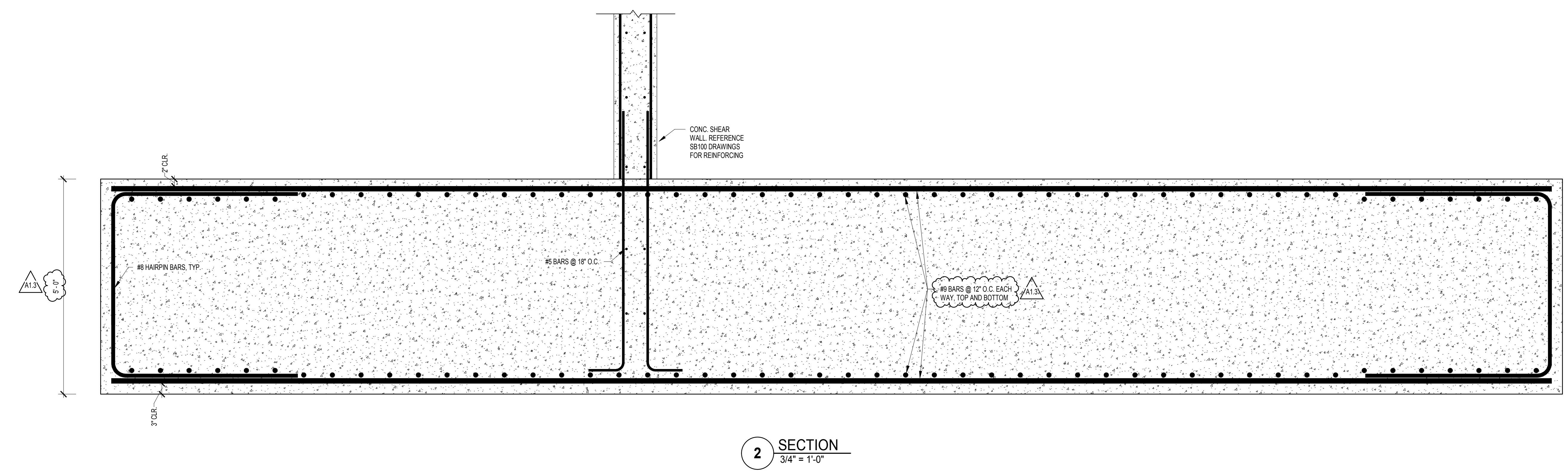
CBRE | HEERY

100 E. Pine St., Ste. 300
 Orlando, FL 32801
 t 407.992.6300



Professional Stamp

- SHEARWALL FOUNDATION NOTES**
1. SUPPORT BOTTOM BARS WITH CONCRETE BRICK.
 2. PROVIDE STAINDEES AS REQUIRED BY CRS TO PREVENT DISPLACEMENT OF REINFORCING. PROVIDE DIAGONAL AND LONGITUDINAL BRACING AS REQUIRED FOR STABILITY. SHORT REBAR STRUS TO SIDES FOR WORK AT TOP REINFORCING IS ACCEPTABLE.
 3. LAP #8 HARPIN BARS AT PERIMETER OF FOUNDATIONS FOR LAP LENGTH OF #8 BARS.
 4. REFERENCE SHEAR WALL DETAILS ON CA 1-S-502 FOR END, CORNER, AND INTERMEDIATE ZONE REINFORCING.
 5. CONTROLLED MODULUS COLUMNS FOR SINGLE AND COMBINED COLUMN FOOTINGS AND MAT FOUNDATIONS SHOULD BE DESIGN FOR A BEARING PRESSURE OF 7,000 PSF.



No.	Revision Description	Date
A1.2	CA 1-Addendum 2	04/03/2019
A1.3	CA 1-Addendum 3	04/25/2019

Issue Date: 03.01.2019
 Project No: 2017-178.CCC
 Sheet Title:
**M-3 FOUNDATION
 REINFORCING DETAILS**

Original drawing is 48" x 36" Do not scale contents of this drawing
 Sheet Number
CA 1-S-402

- CRANE FOUNDATION NOTES**
1. SUPPORT BOTTOM BARS WITH CONCRETE BRICK
 2. PROVIDE STANDEES AS REQUIRED BY CRSI TO PREVENT DISPLACEMENT OF REINFORCING. PROVIDE DIAGONAL AND LONGITUDINAL BRACING AS REQUIRED FOR STABILITY. SHORT REBAR STRIPS TO SIDES/FORMWORK AT TOP REINFORCING IS ACCEPTABLE.
 3. CONTROLLED MODULUS COLUMNS FOR SINGLE AND COMBINED COLUMN FOOTINGS AND MAT FOUNDATIONS SHOULD BE DESIGN FOR A BEARING PRESSURE OF 7,000 PSF.



Project
Consolidated Civil and Criminal Courthouse - Foundations, Underground Utilities & Vapor Mitigation

2900 Prospect St
 Indianapolis, IN 46203

Prepared For
 City of Indianapolis



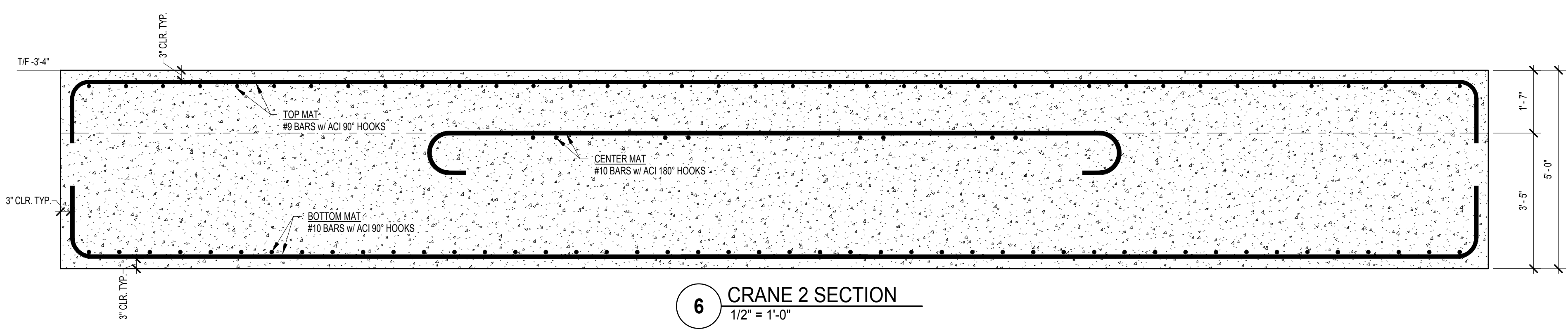
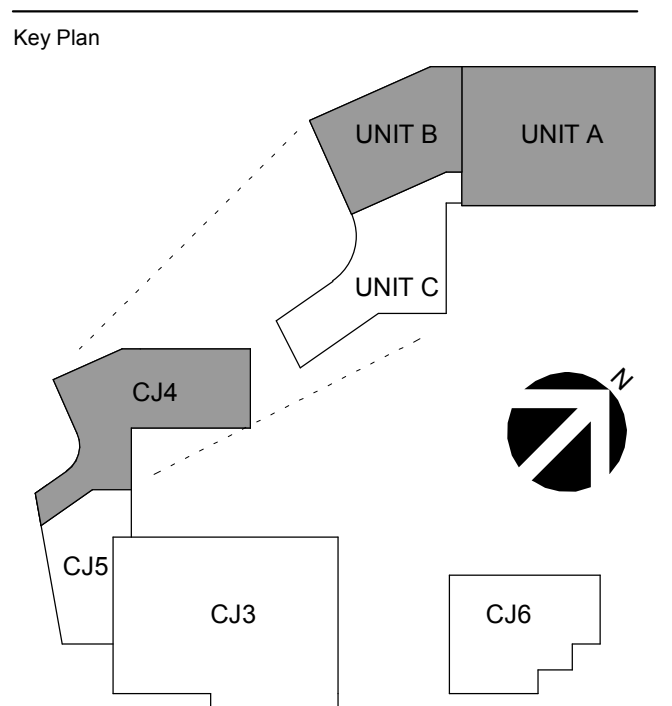
3914 Prospect Street,
 Indianapolis, IN 46203
 317.359.5411



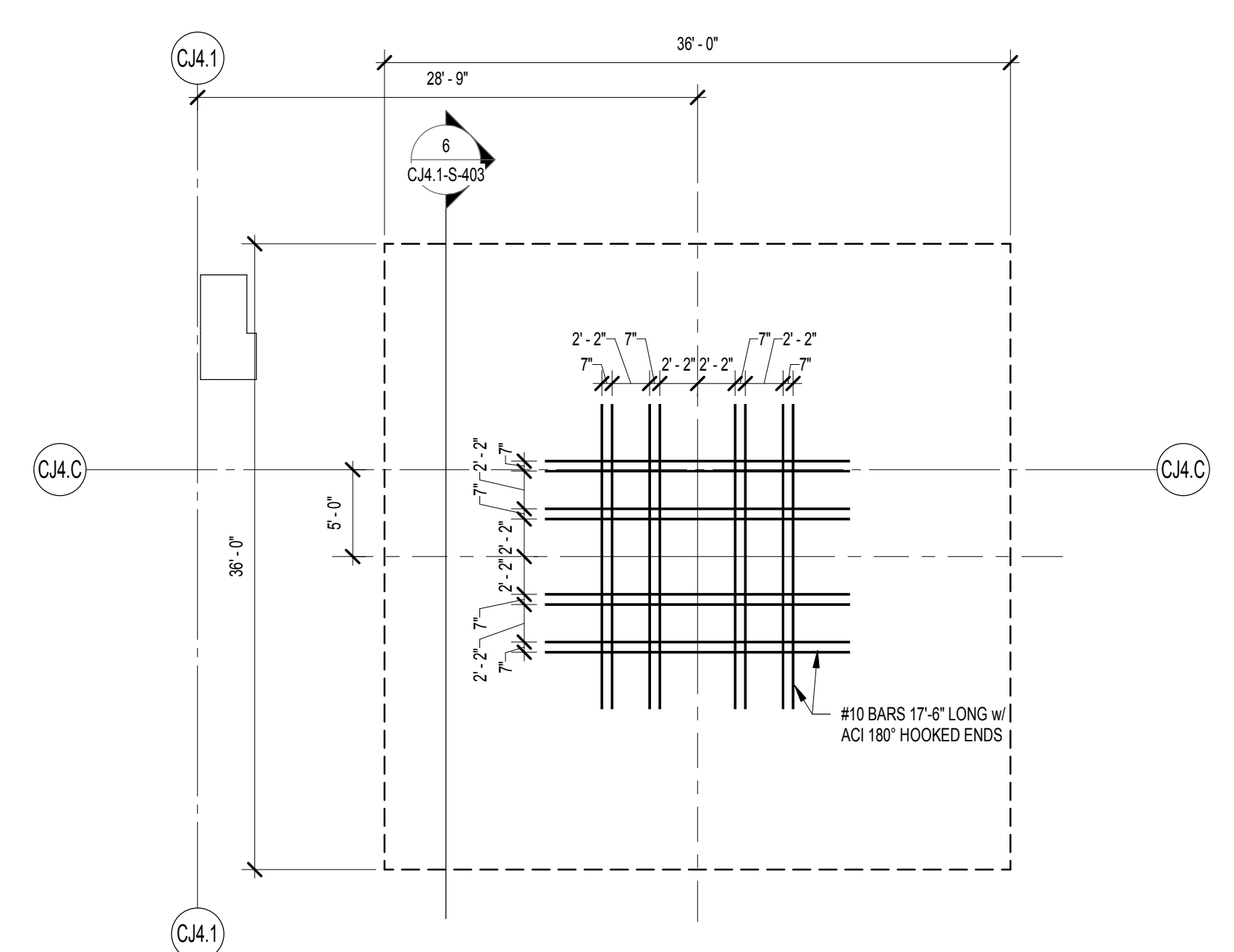
100 E. Pine St., Ste. 300
 Orlando, FL 32801
 t 407.992.6300



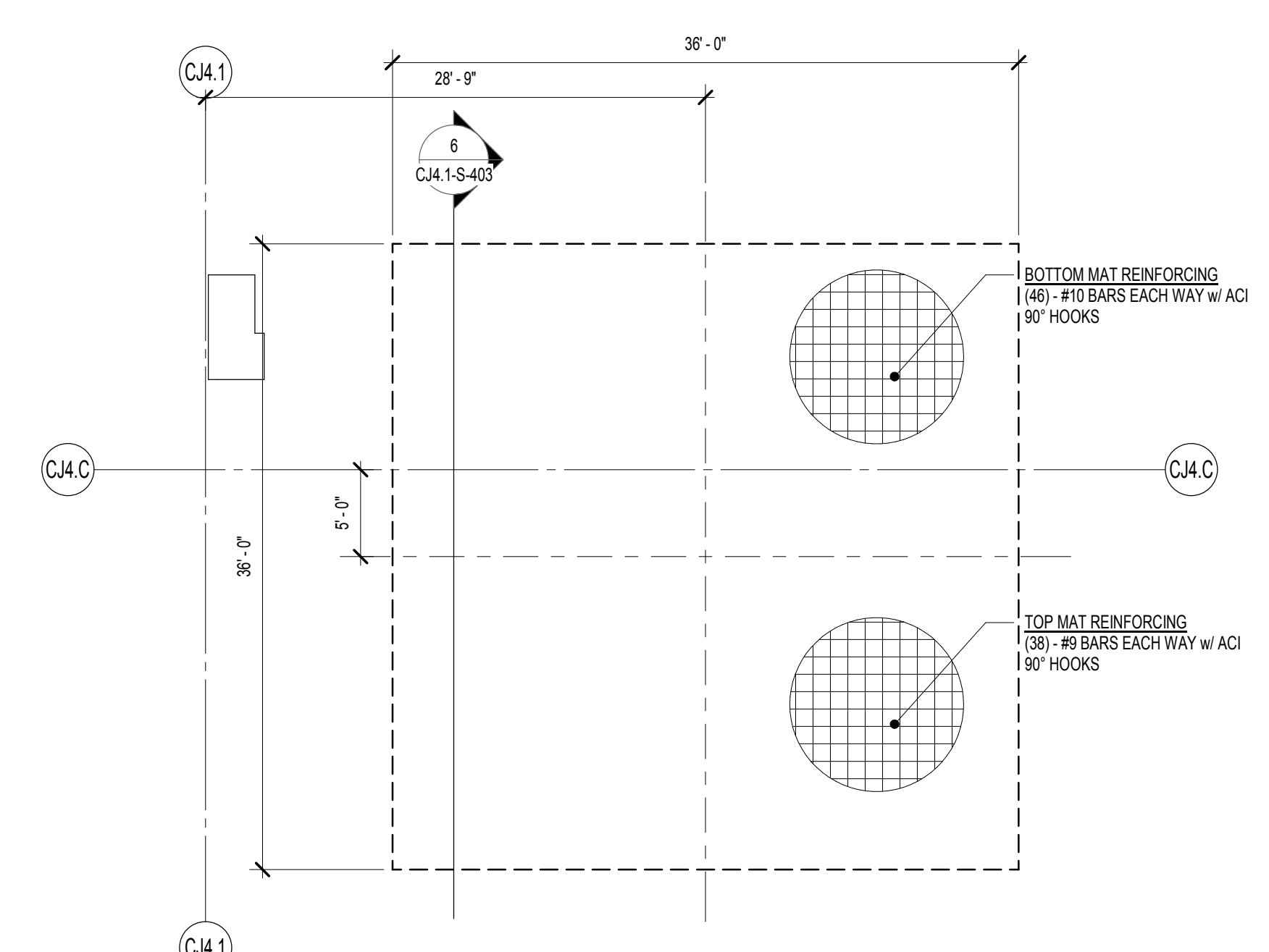
Professional Stamp



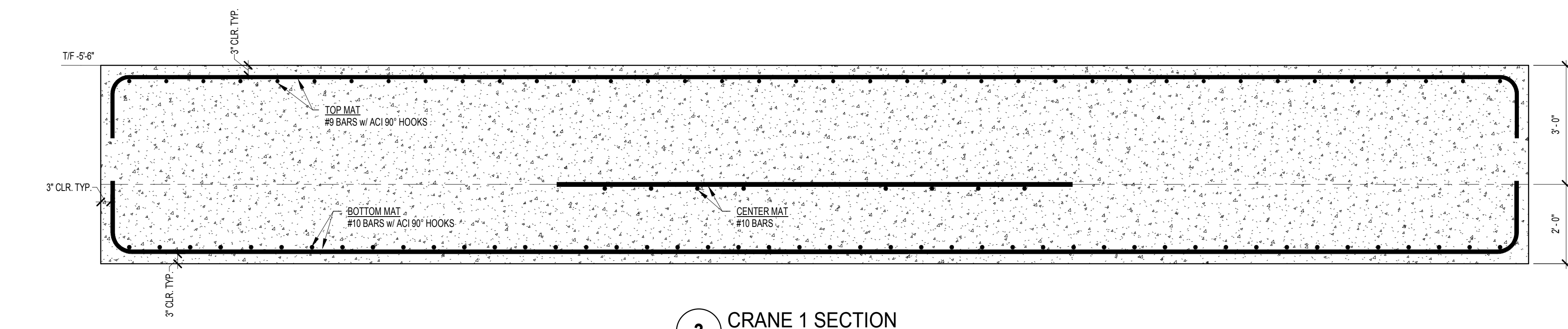
6 CRANE 2 SECTION
 1/2" = 1'-0"



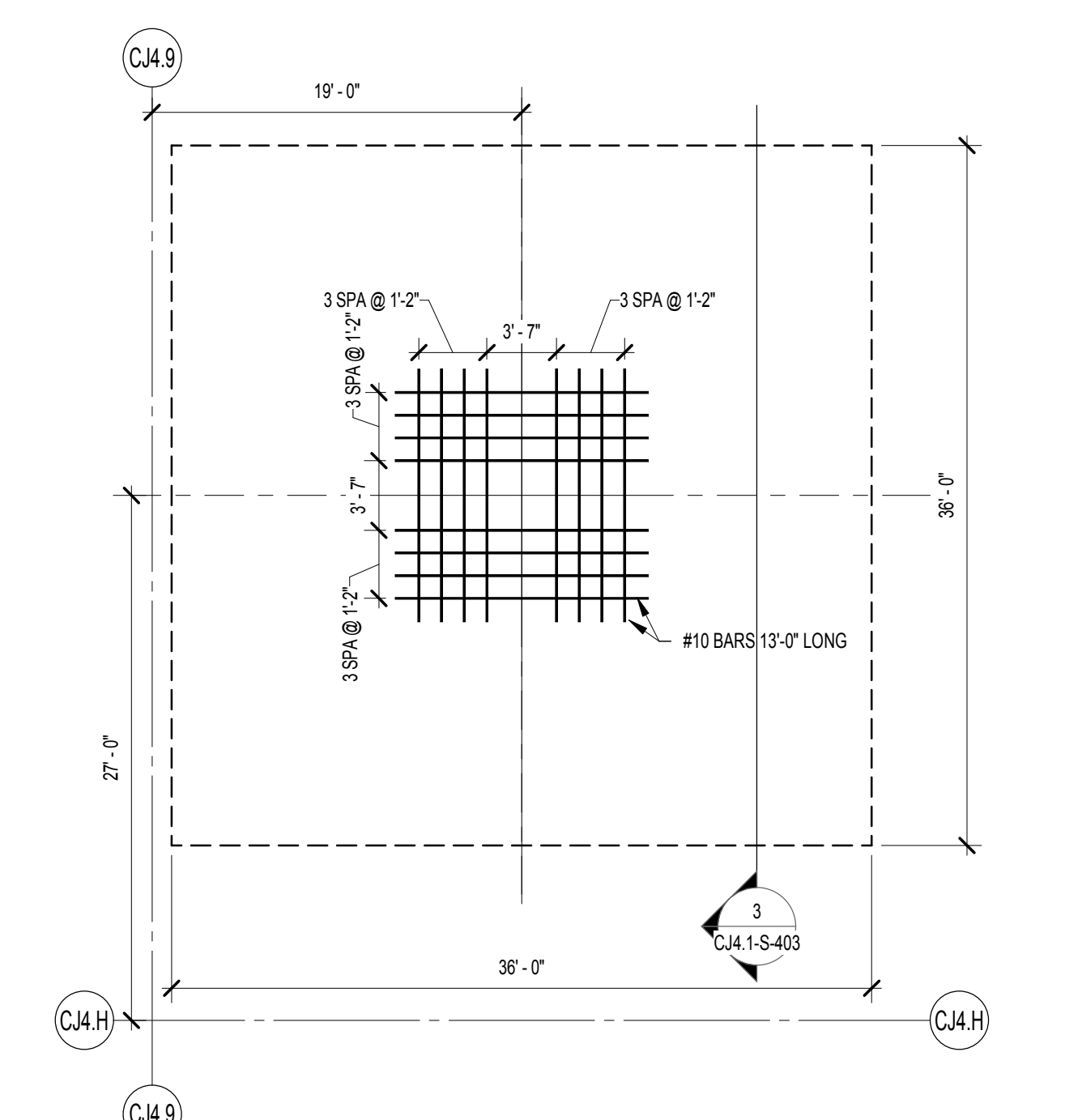
5 CRANE 2 CENTER MAT REINFORCING DETAILS
 1/8" = 1'-0"



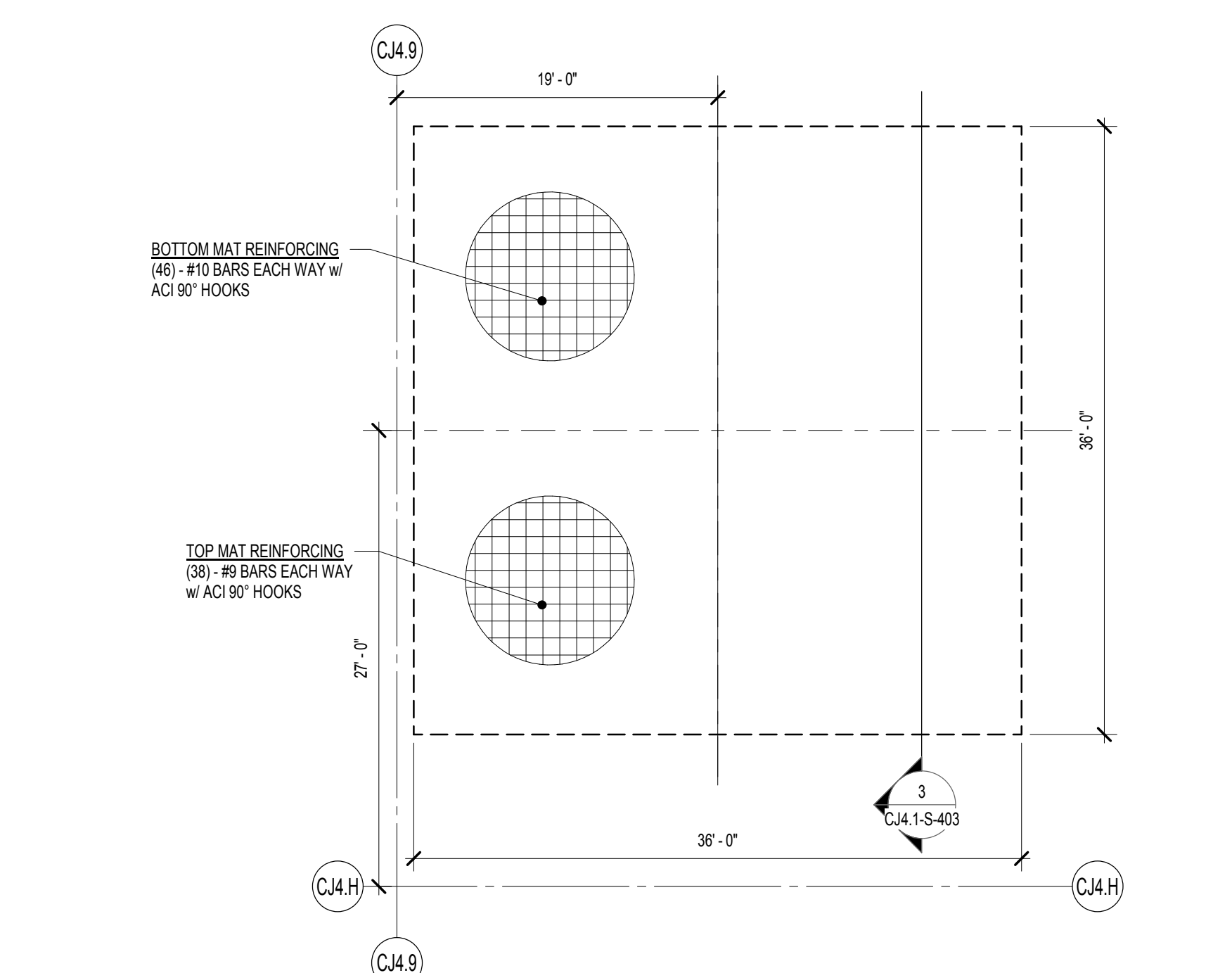
4 CRANE 2 TOP & BOTTOM MAT REINFORCING DETAILS
 1/8" = 1'-0"



3 CRANE 1 SECTION
 1/2" = 1'-0"



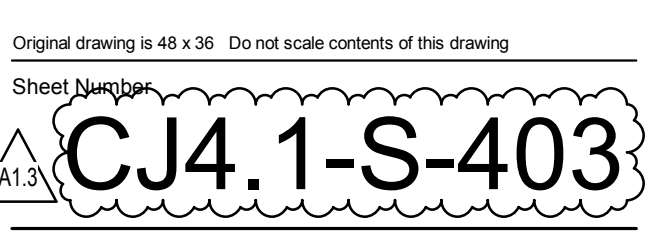
2 CRANE 1 CENTER MAT REINFORCING DETAILS
 1/8" = 1'-0"



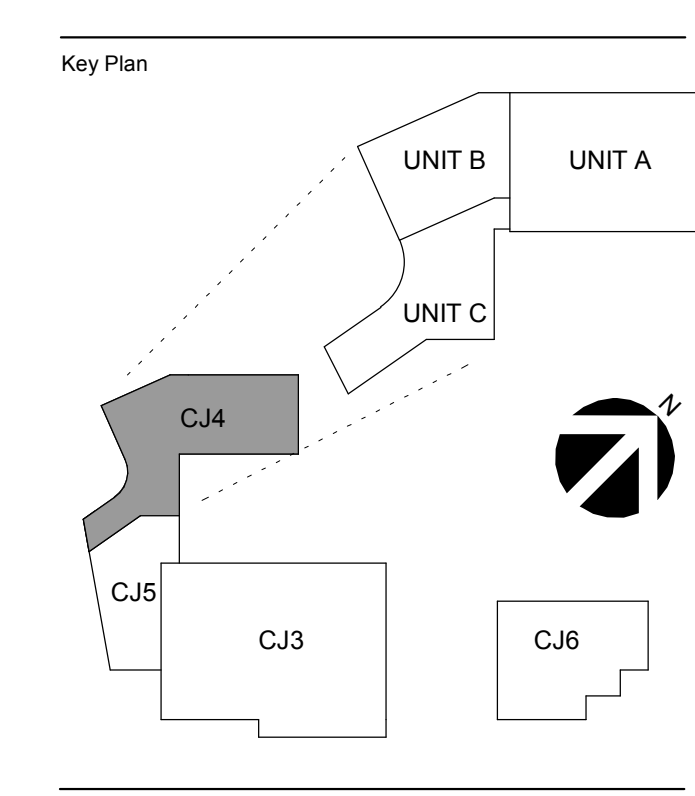
1 CRANE 1 TOP & BOTTOM MAT REINFORCING DETAILS
 1/8" = 1'-0"

No.	Revision Description	Date
1.1	CRJ.1-S-403	04/26/19

Issue Date: 04/18/19
 Project No: 2017-178.CCC
 Sheet Title: CRANE FOUNDATION DETAILS



C:\Users\kshankar\Desktop\Local Files\2017-178.CCC_CJ.1-S-403_S_2019_Central_drawing.rvt
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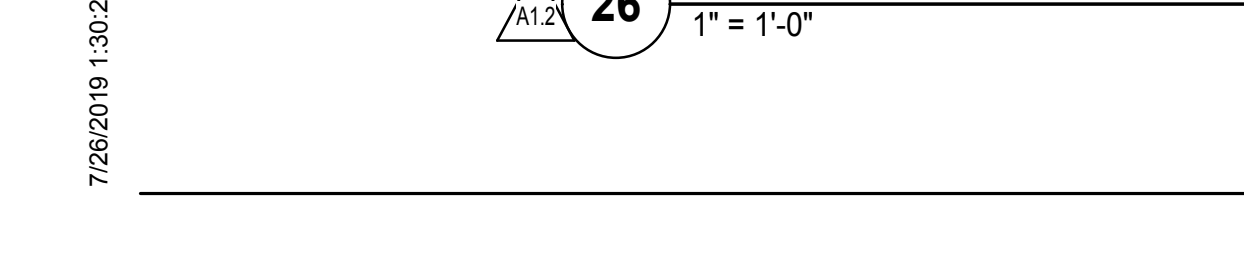
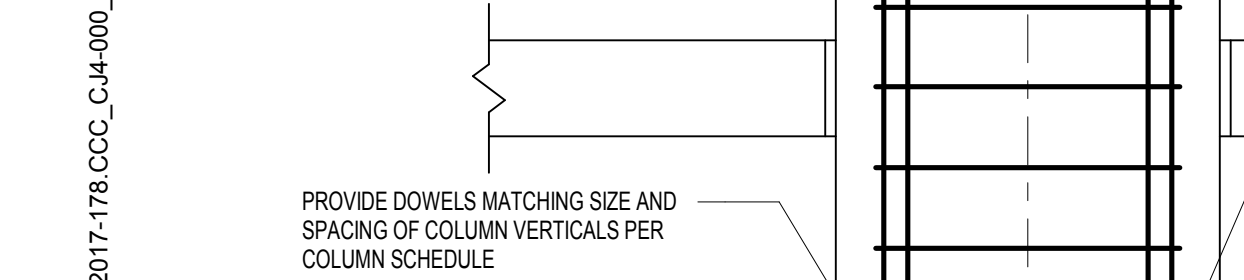
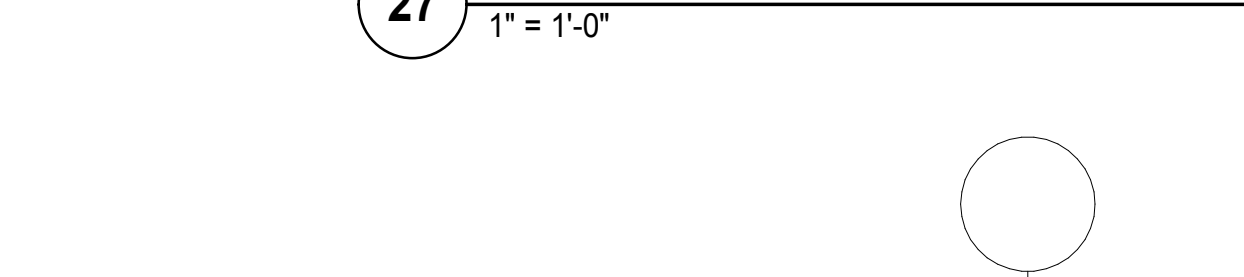
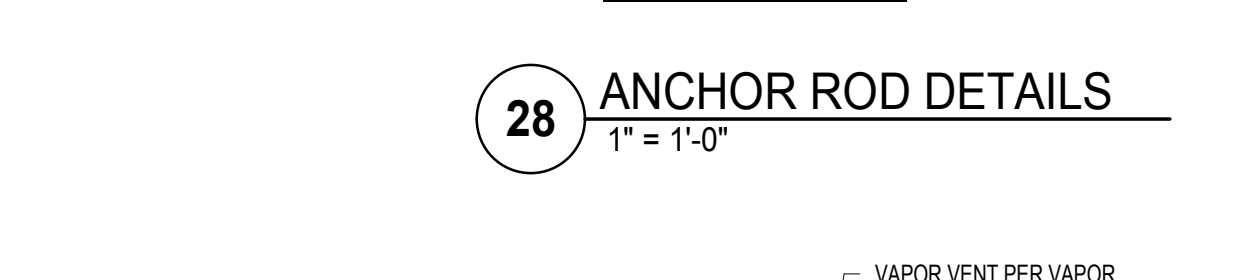
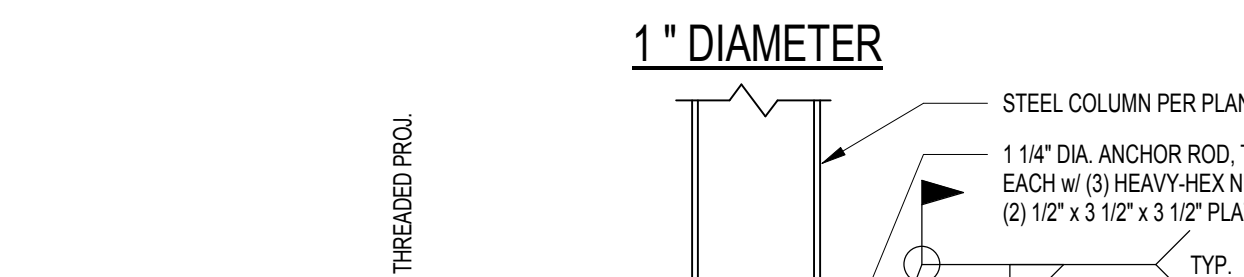
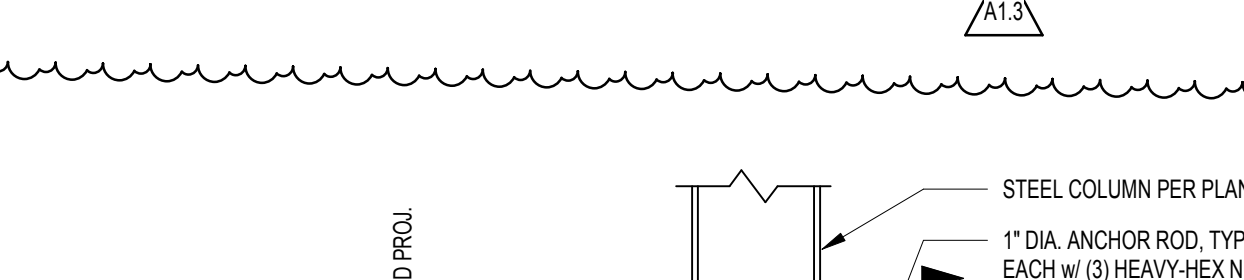
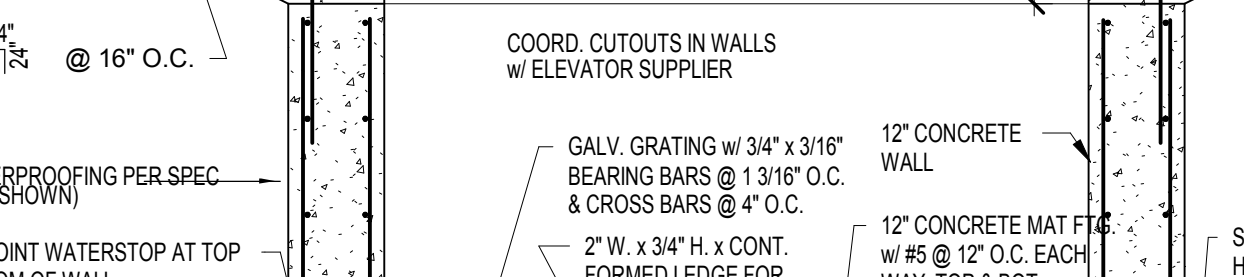
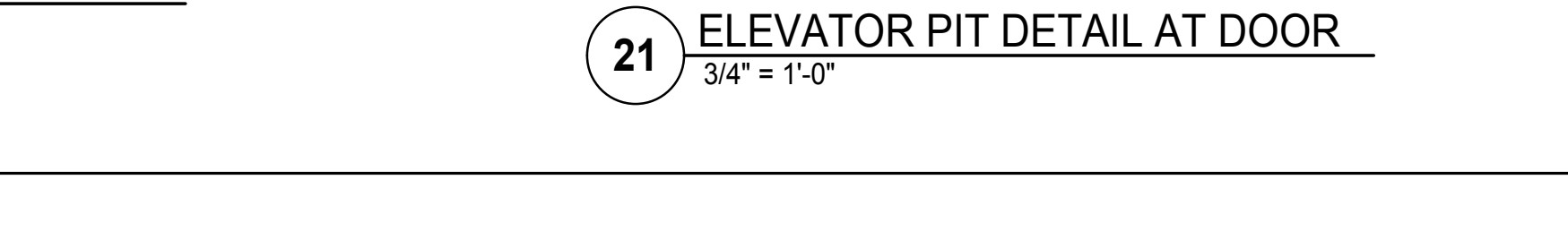
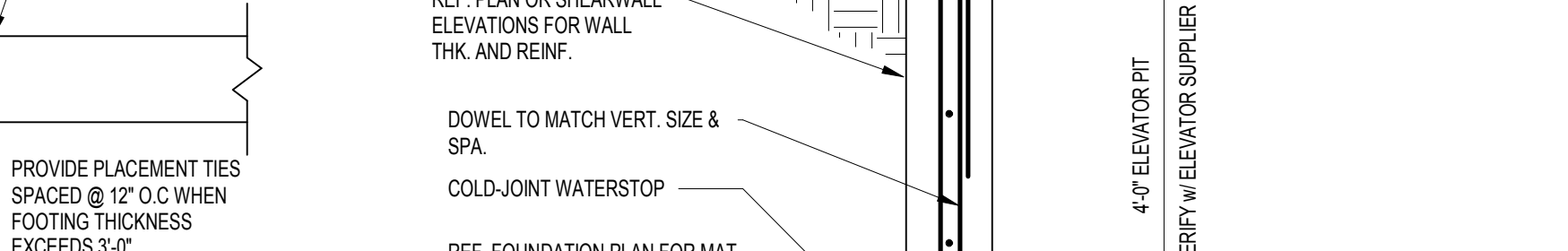
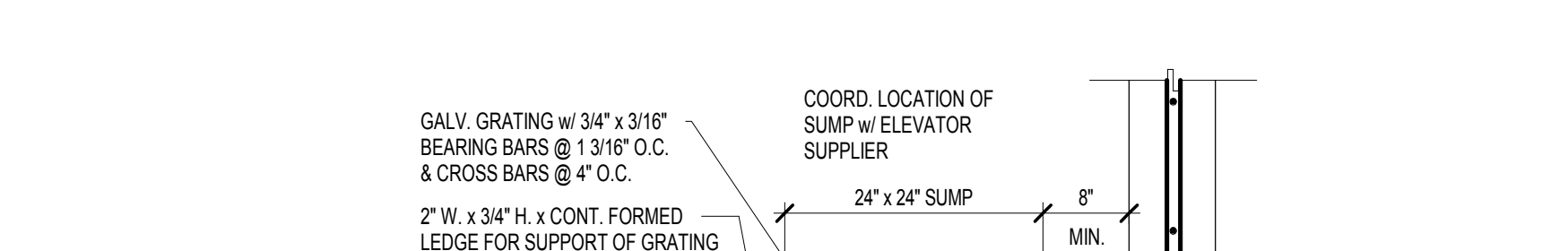
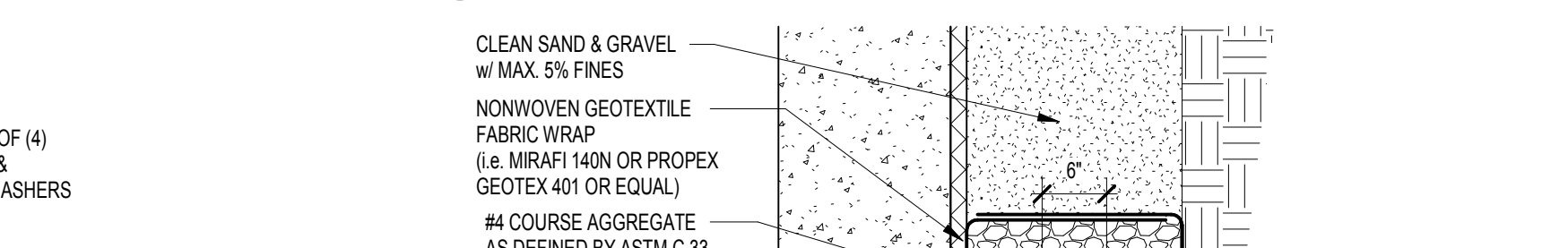
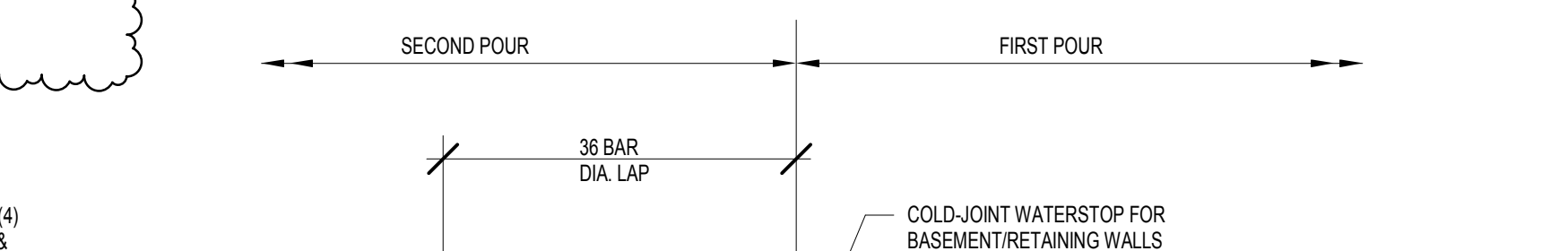
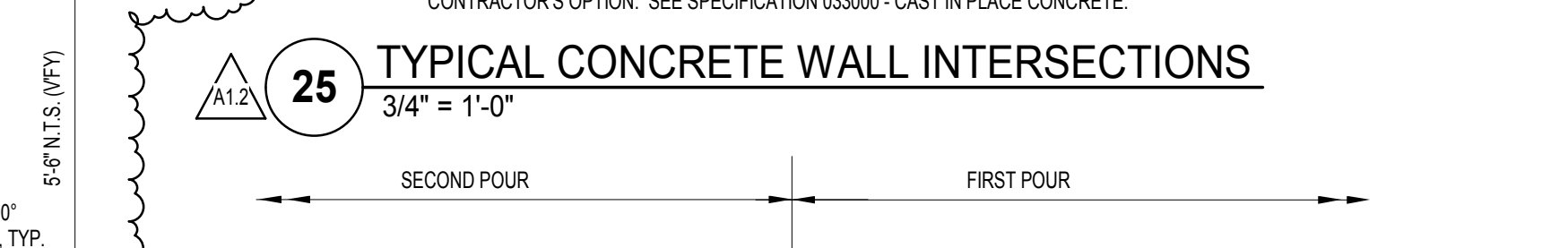
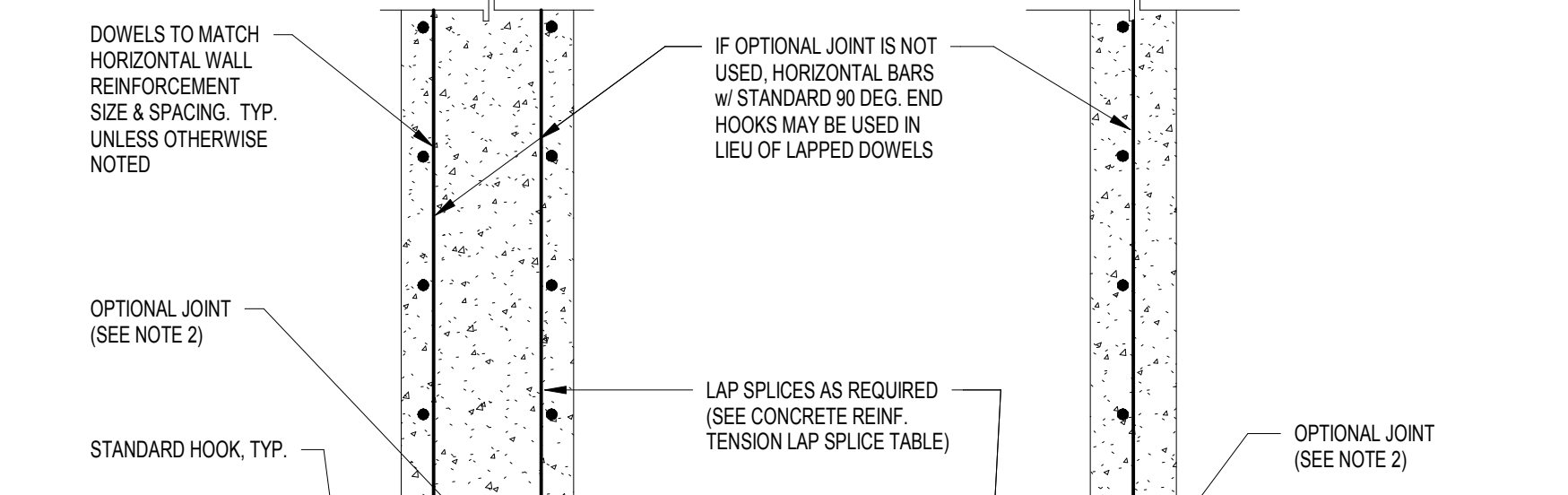
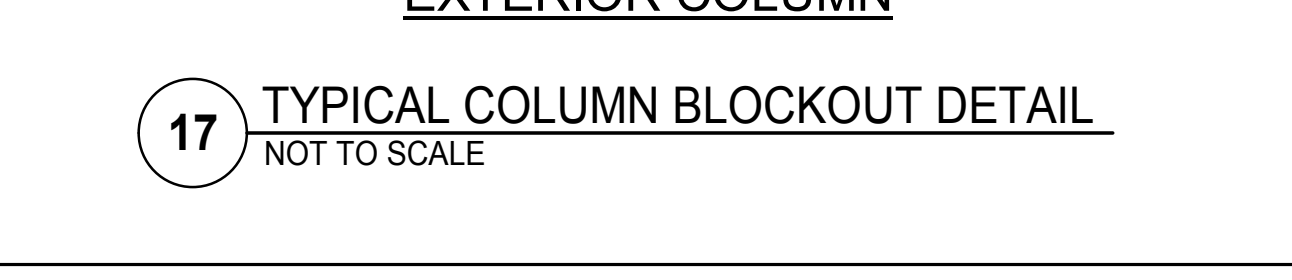
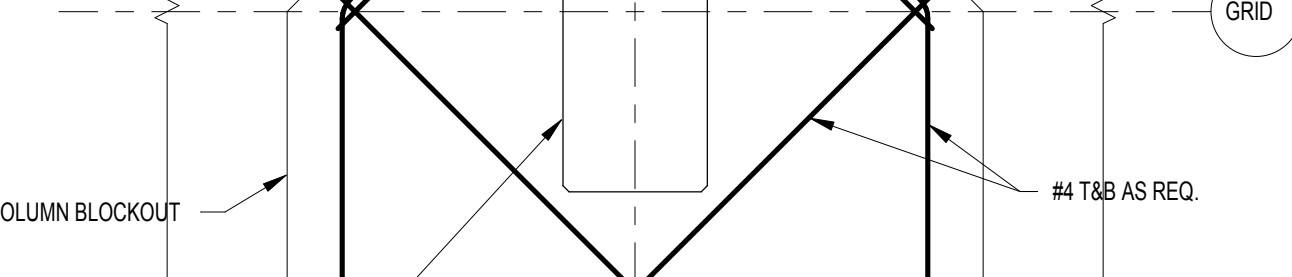
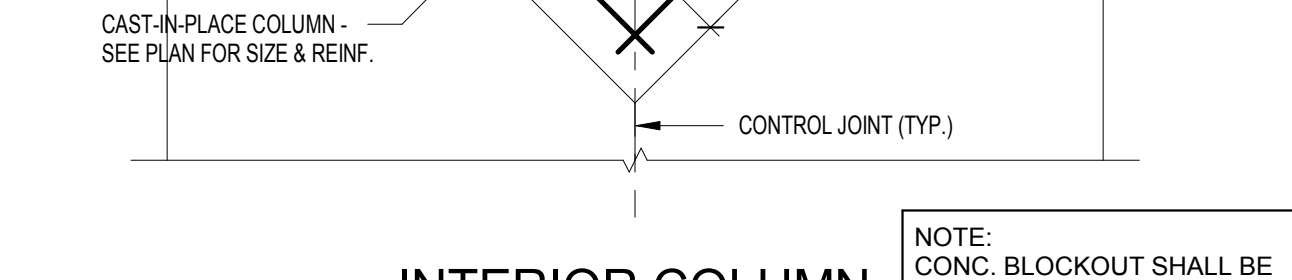
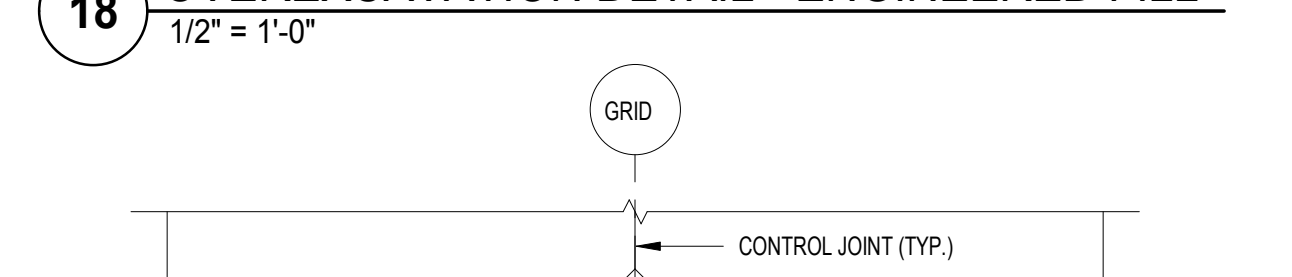
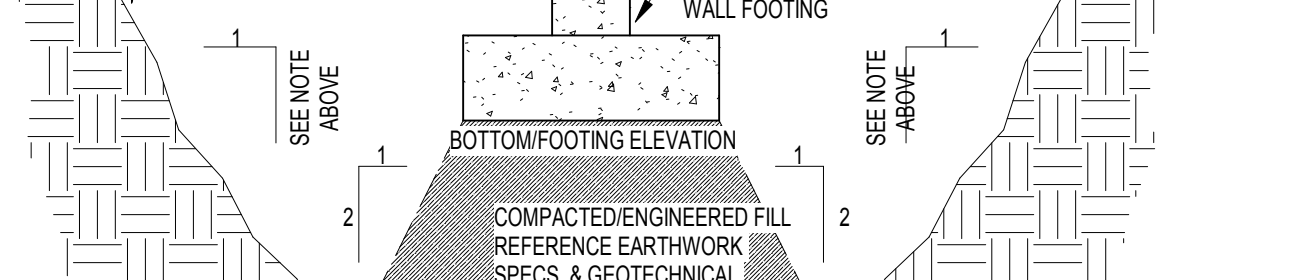
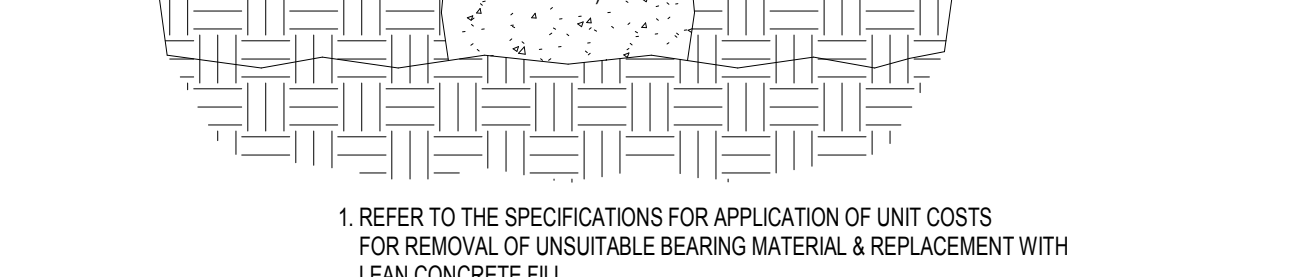
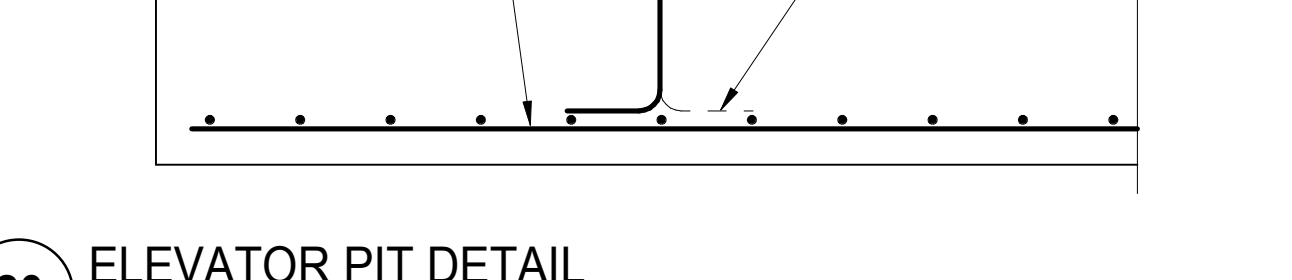
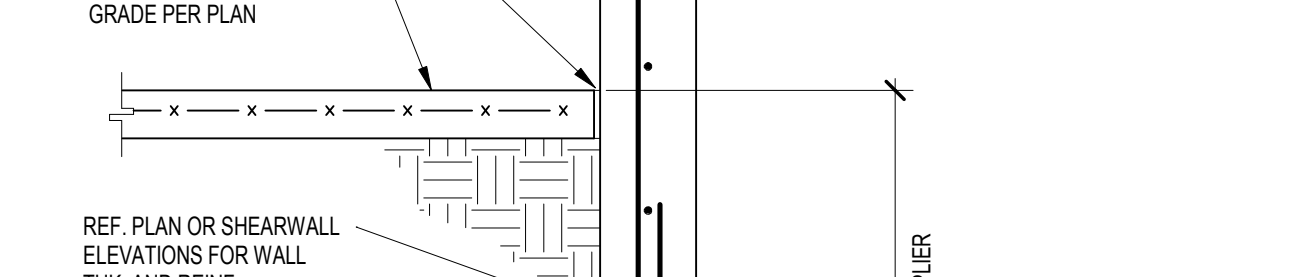
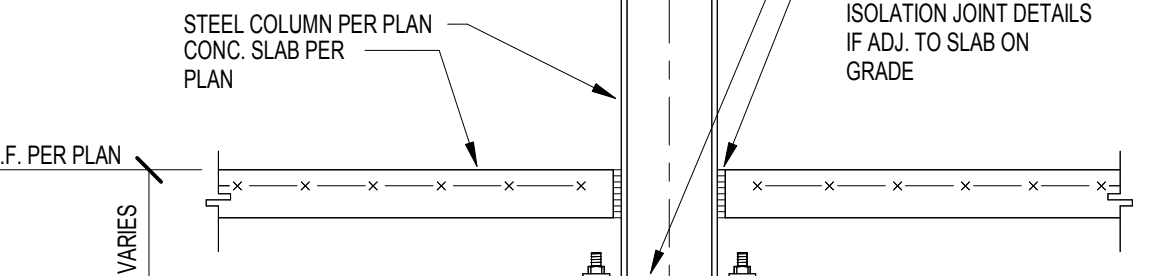
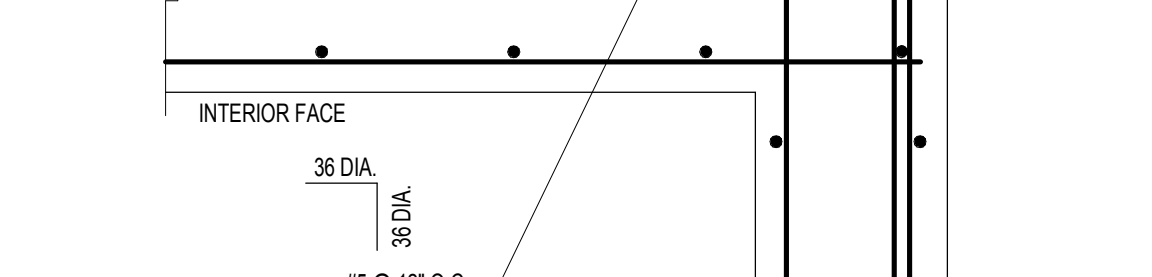
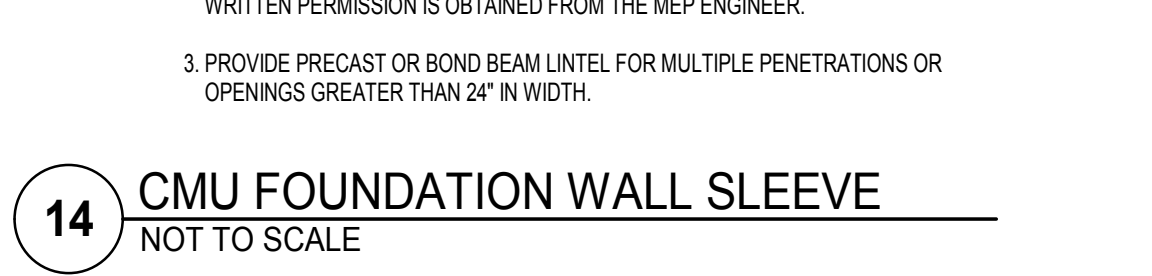
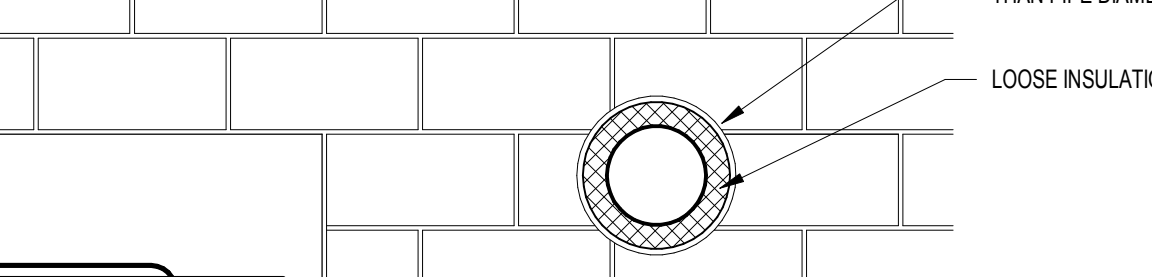
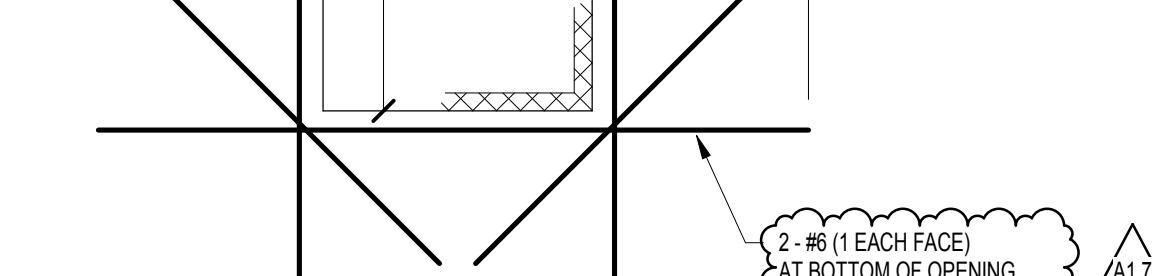
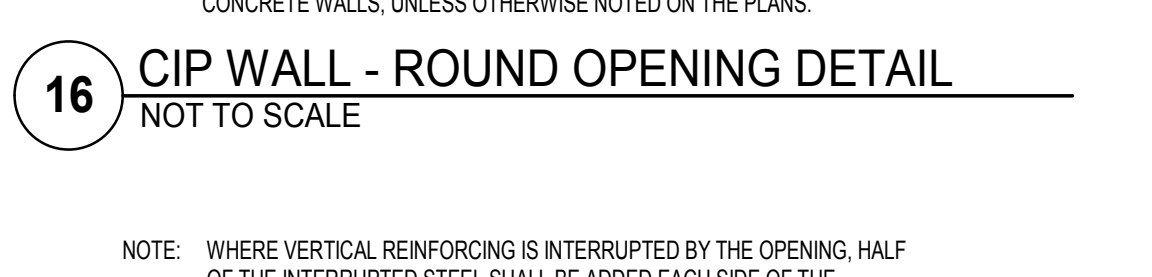
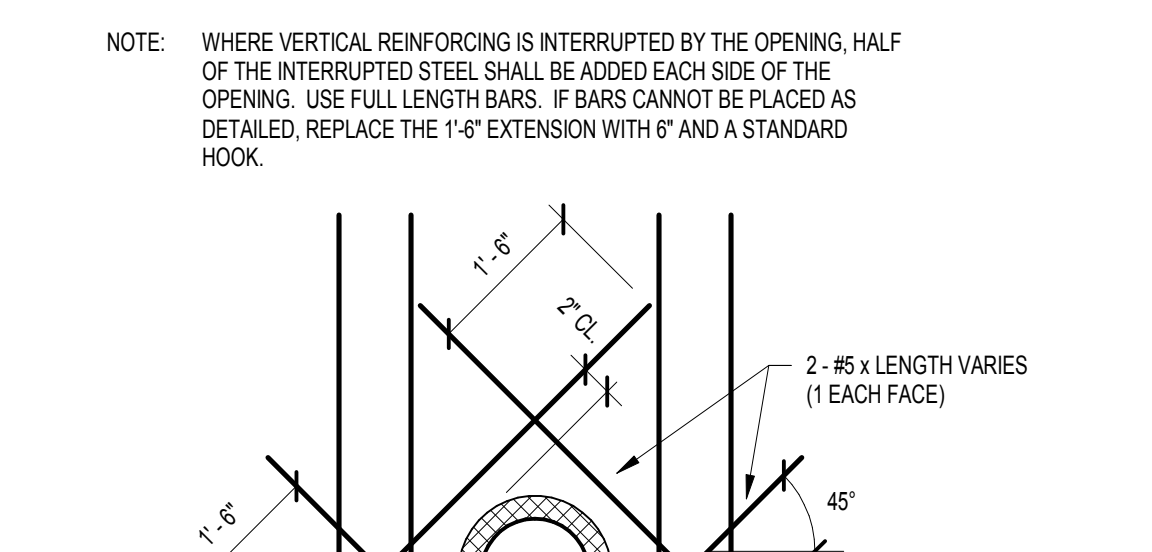
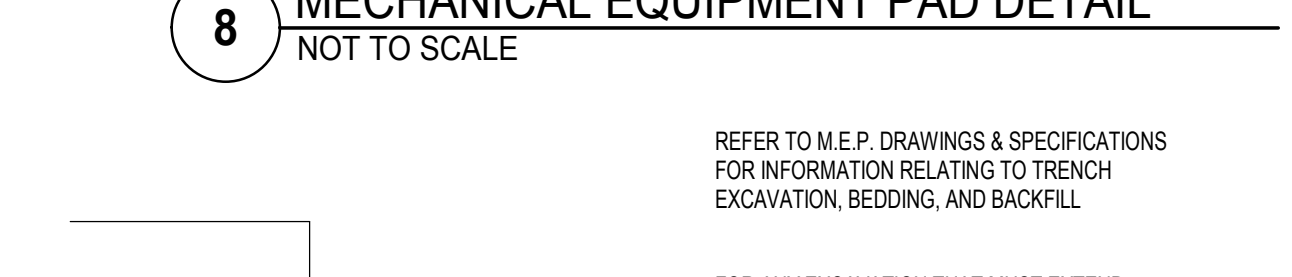
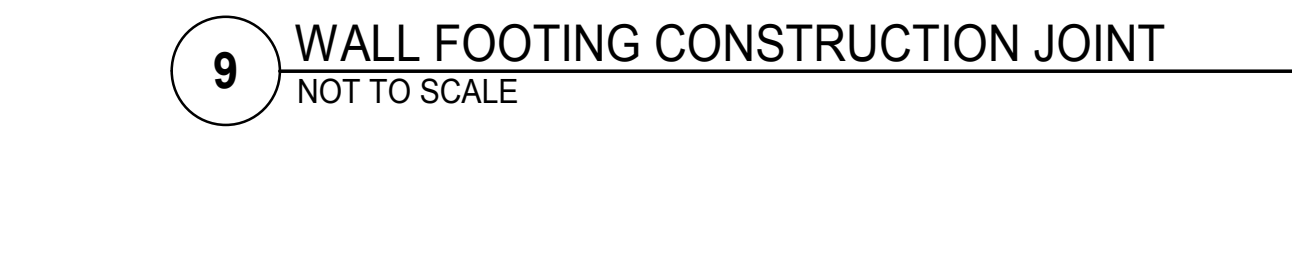
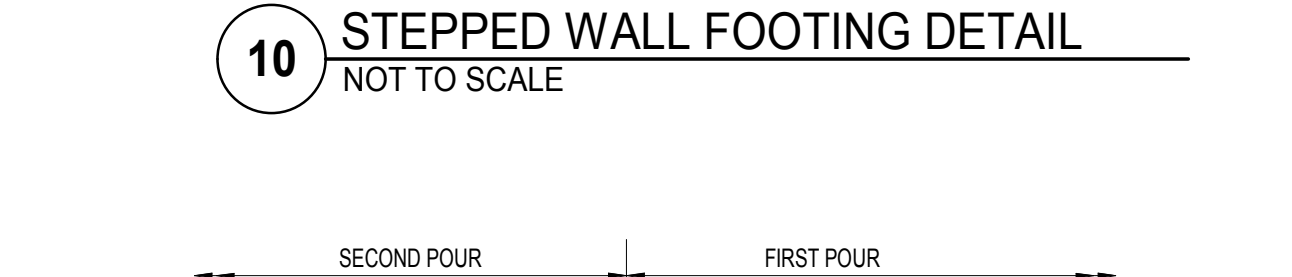
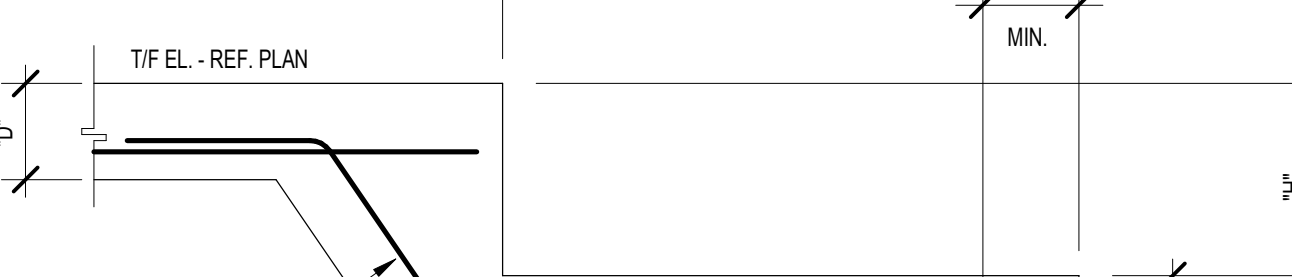
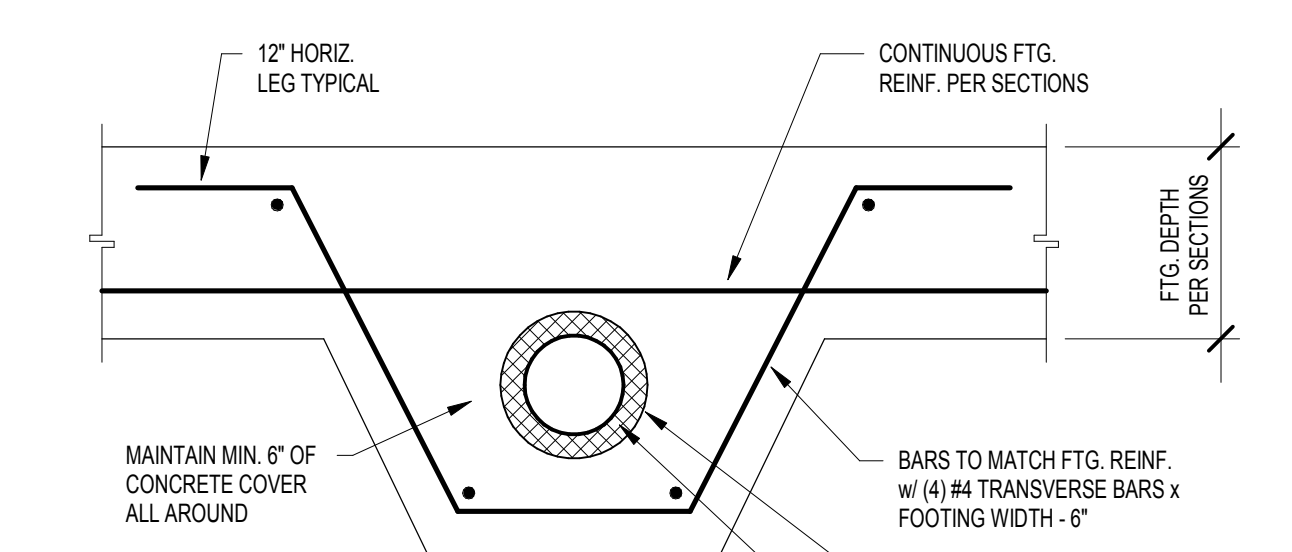
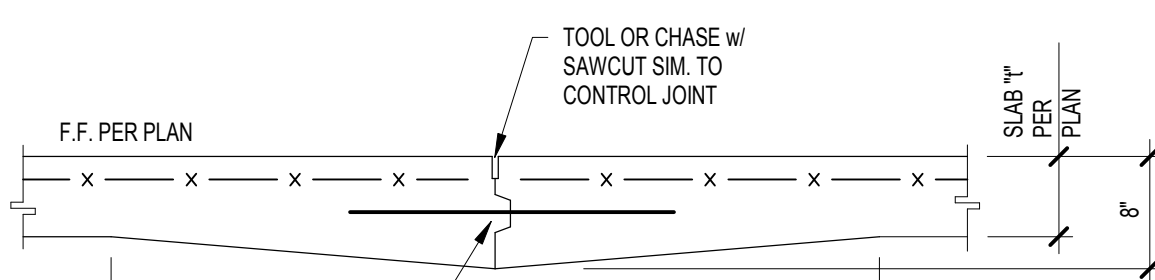
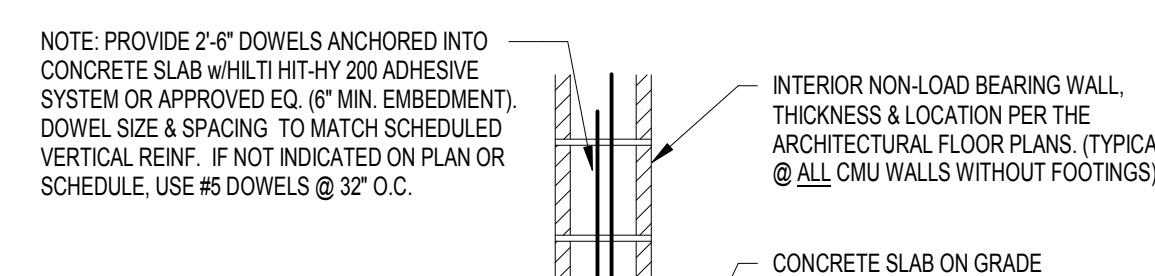
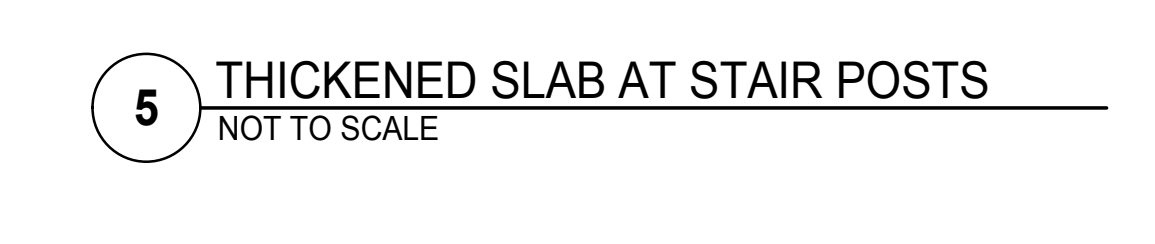
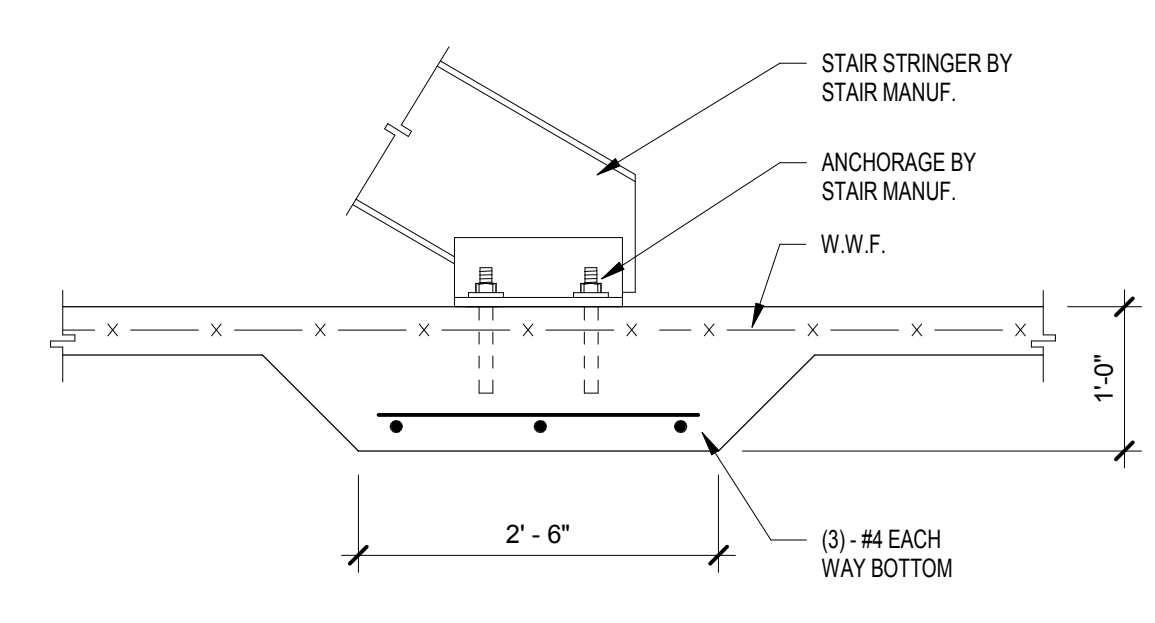
No.	Revision Description	Date
A1.1	CA-1 Addendum 1	07/27/2019
A1.2	CA-1 Addendum 2	04/20/2019
A1.3	CA-1 Addendum 3	04/20/2019
A1.4	CA-1 Addendum 4	06/11/2019
A1.5	CA-1 Addendum 5	09/27/2019
A1.6	CA-1 Addendum 6	09/27/2019
A1.7	CA-1 Addendum 7	07/20/2019

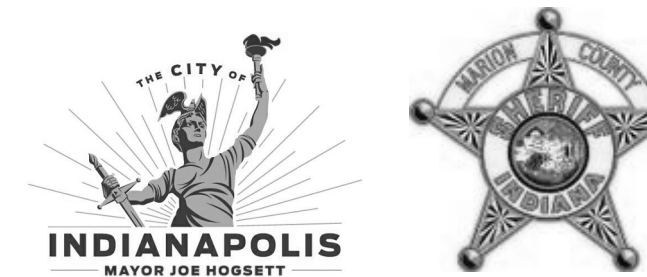
TEMP/F	TIME HOURS
<40°F	16
40°F	14
50°F	8 1/2
60°F	5 1/2
70°F	4
80°F	3

2 TYPICAL FOUNDATION DETAILS

CONTROL JOINTS SHALL BE SAWN NOT LATER THAN THE FOLLOWING TABLE OR 16 HOURS AFTER TROWELING FINISHED OR LESS, WHERE TEMP. EQUALS THE AMBIENT TEMPERATURE IN DEGREES FAHRENHEIT AT THE TIME OF FINAL TROWELING. SAWCUTTING SHALL BE SUPPLIED ONLY IF THE LARGE AGGREGATE IS DISLODGED OR LOOSENED; ALTERNATE: USE PRE-FORMED JOINT FORMER.

- LOCATE WELDED WIRE FABRIC IN UPPER THIRD OF SLAB. SUPPORT ON BOLSTERS, CHAIRS, OR CONCRETE BRICKS.
- LAP WELDED WIRE FABRIC A MIN. OF ONE FULL MESH SPACING.
- THE USE OF POLYPROPYLENE FIBER IN LIEU OF WELDED WIRE FABRIC AS A SECONDARY REINFORCEMENT IS PERMISSIBLE UNLESS OTHERWISE NOTED. NOTE: FIBER MAY NOT BE SUBSTITUTED FOR W.W.F. IN SUPPORTED SLABS.
- SEE PLAN NOTES AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS SUCH AS FRESH, CURING, ETC.
- SLAB SLOPES TO FLOOR DRAINS. REF. PLUMBING DRAWINGS.
- PROVIDE GEOTEXTILE PER DIV01





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Prepared For
 City of Indianapolis



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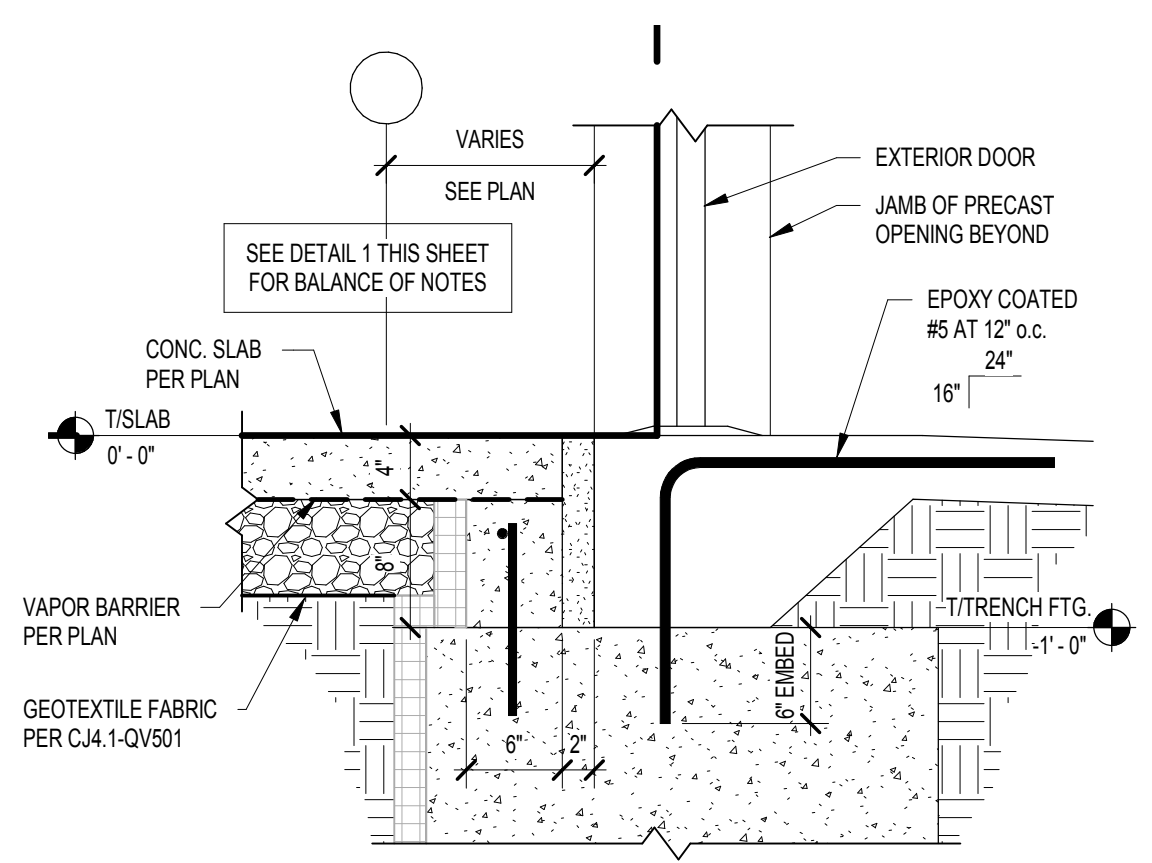
550 Virginia Avenue
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 F 317.423.1550
 F 317.423.1551



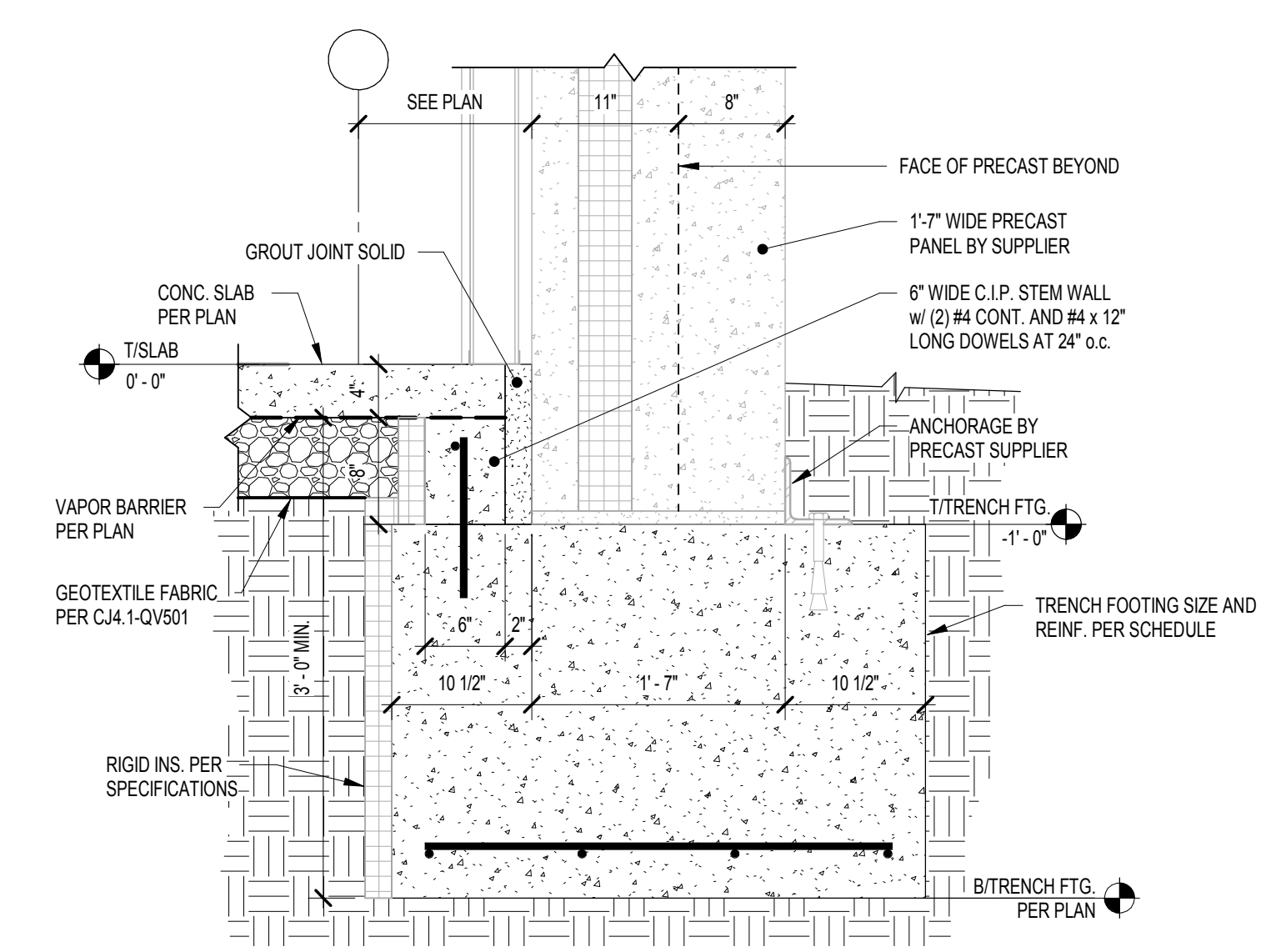
STRUCTURAL ENGINEERS
 ENGINEERS | ARCHITECTS | LAND SURVEYORS



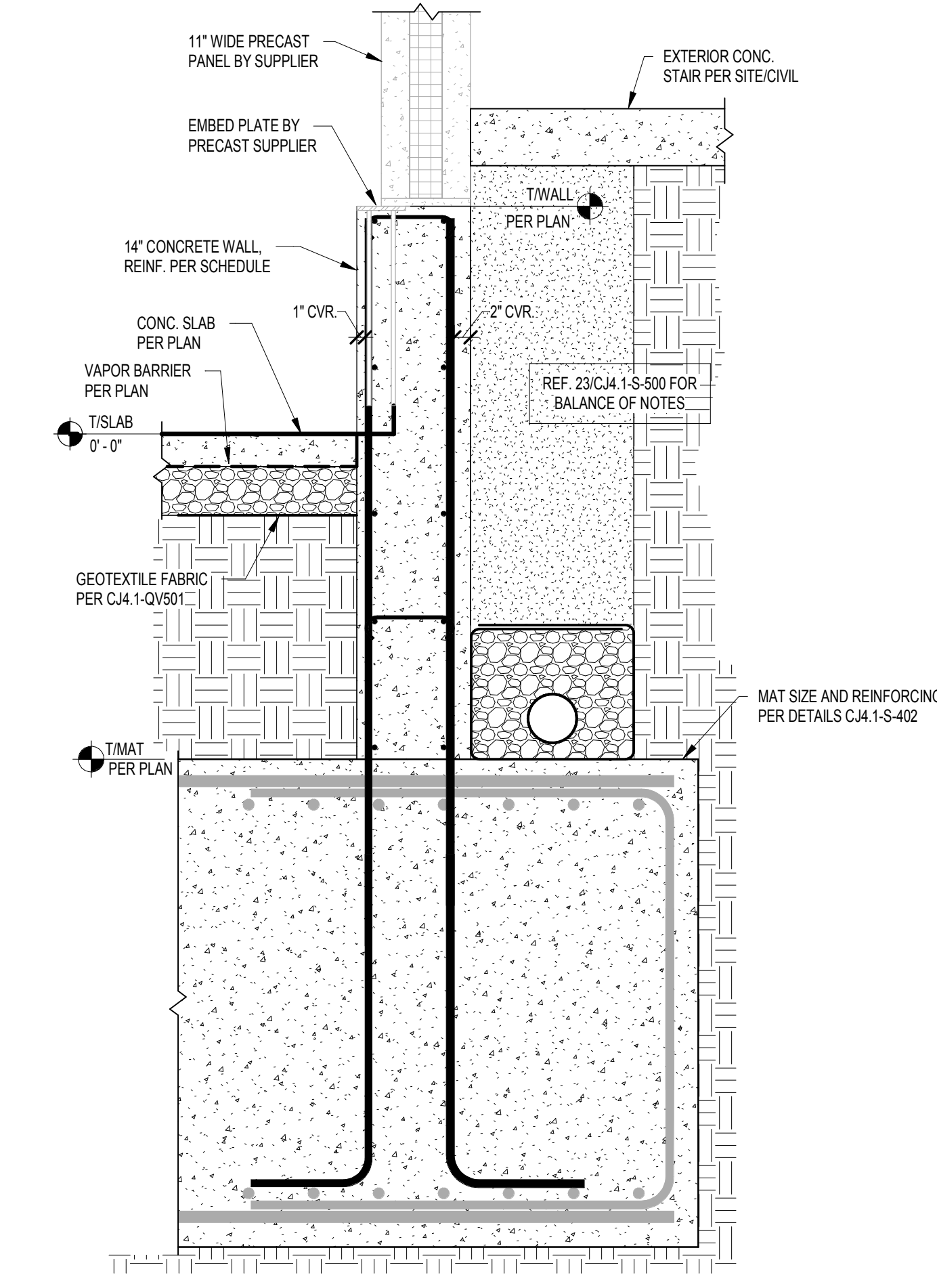
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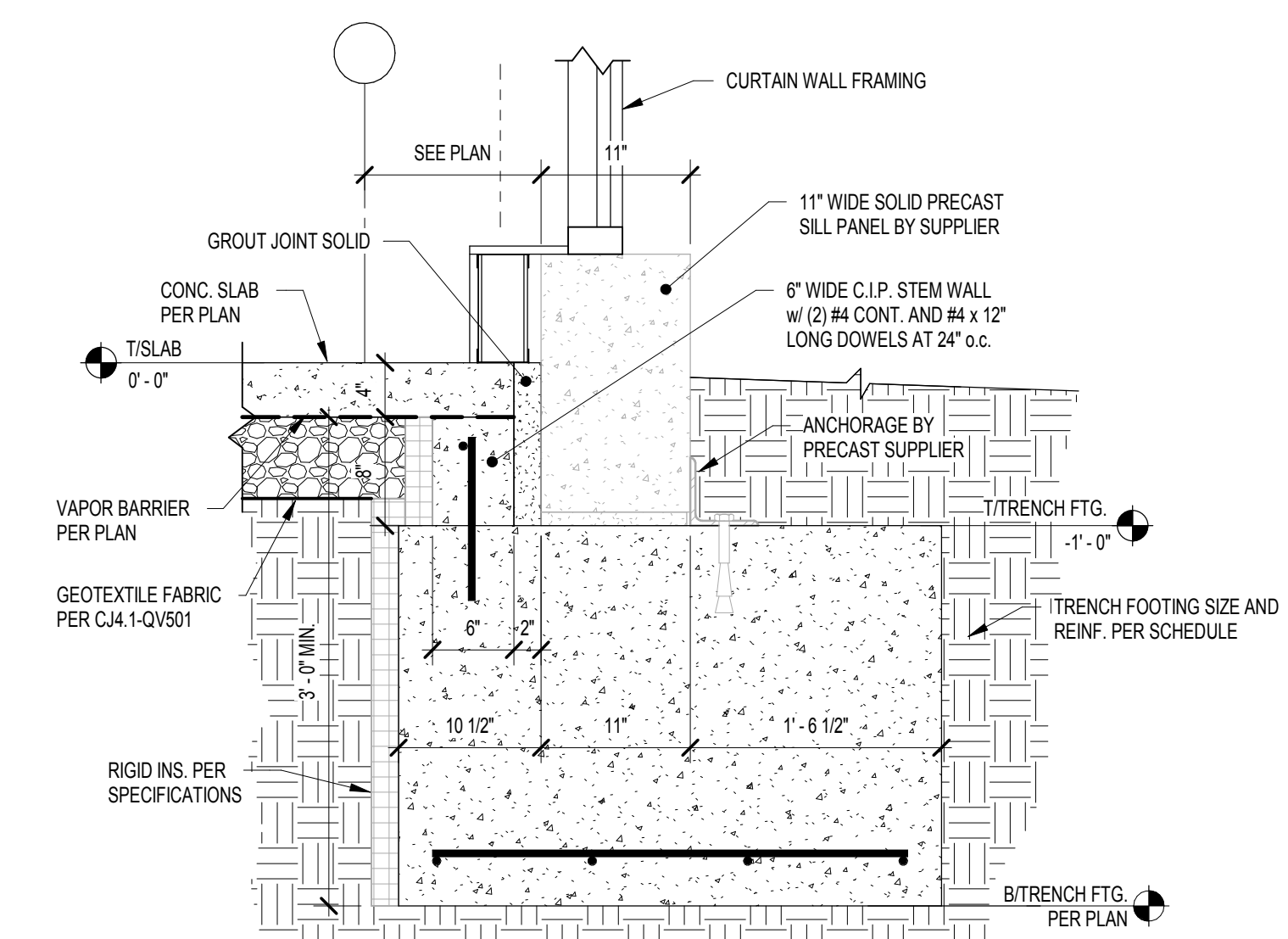
9 EXTERIOR ENTRY AT PRECAST WALL
 1" = 1'-0"



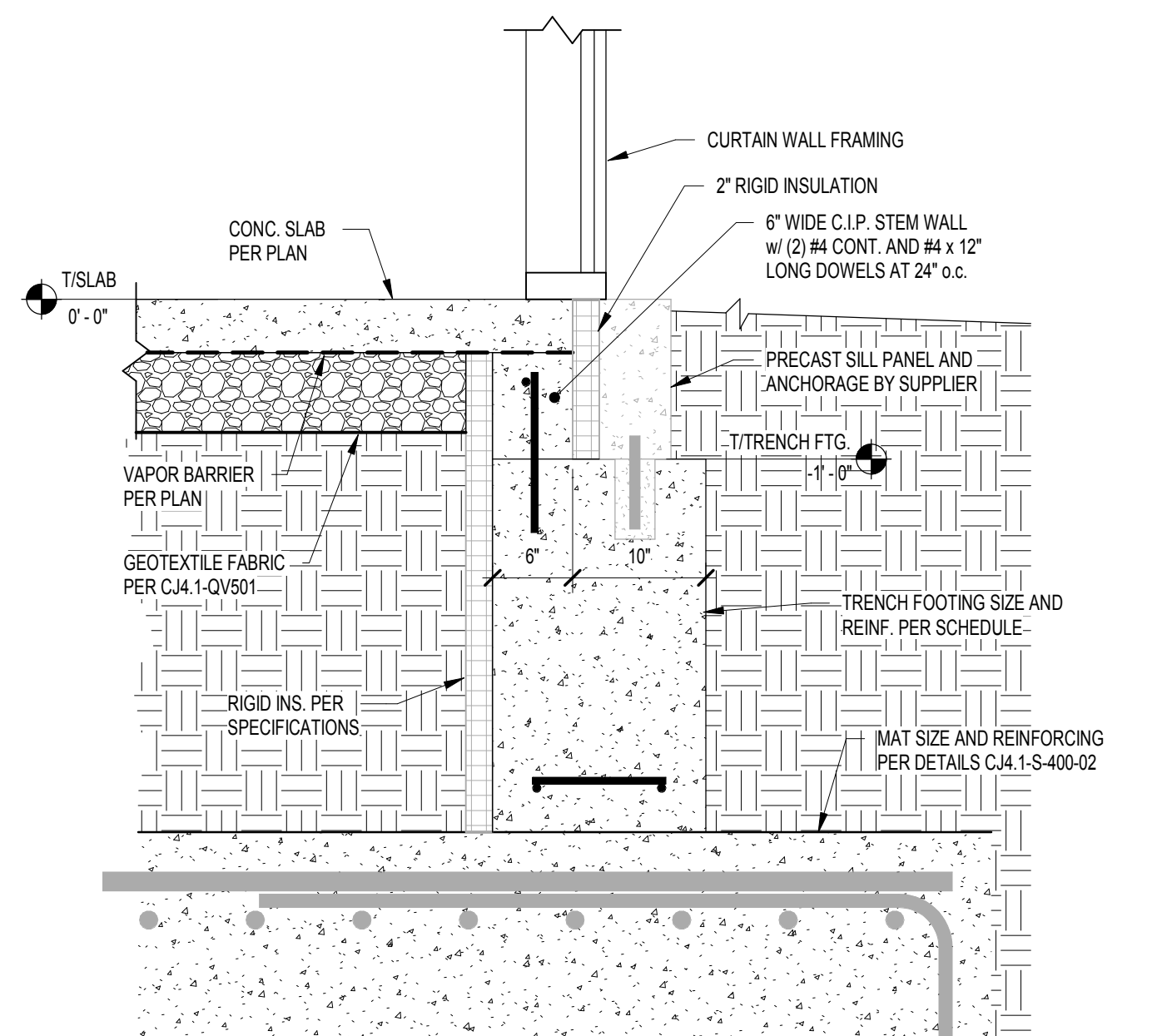
8 PRECAST AT TAPERED PANEL
 1" = 1'-0"



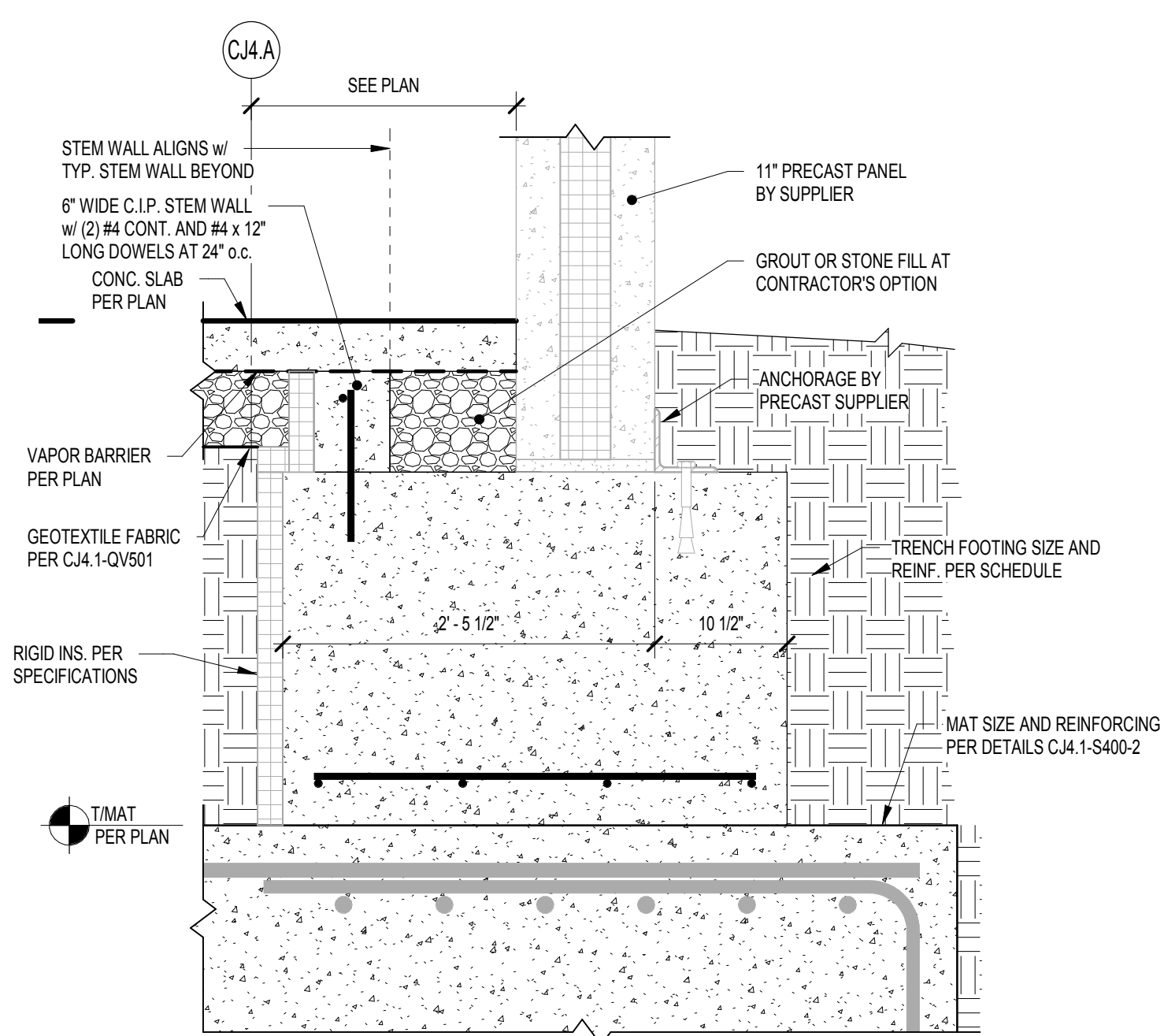
4 BASEMENT AT EXTERIOR STAIR
 3/4" = 1'-0"



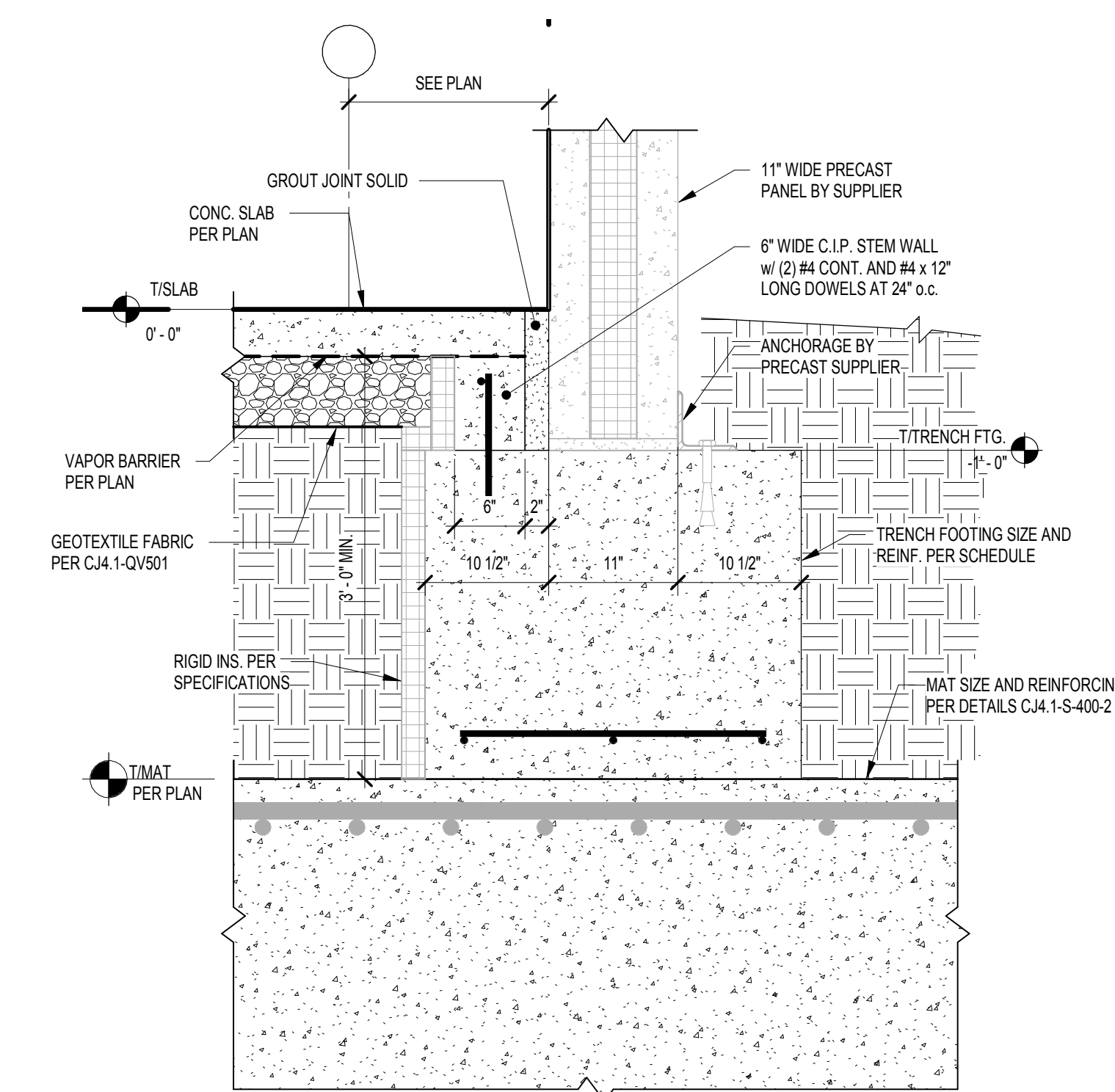
7 PRECAST AT CURTAIN WALL SILL
 1" = 1'-0"



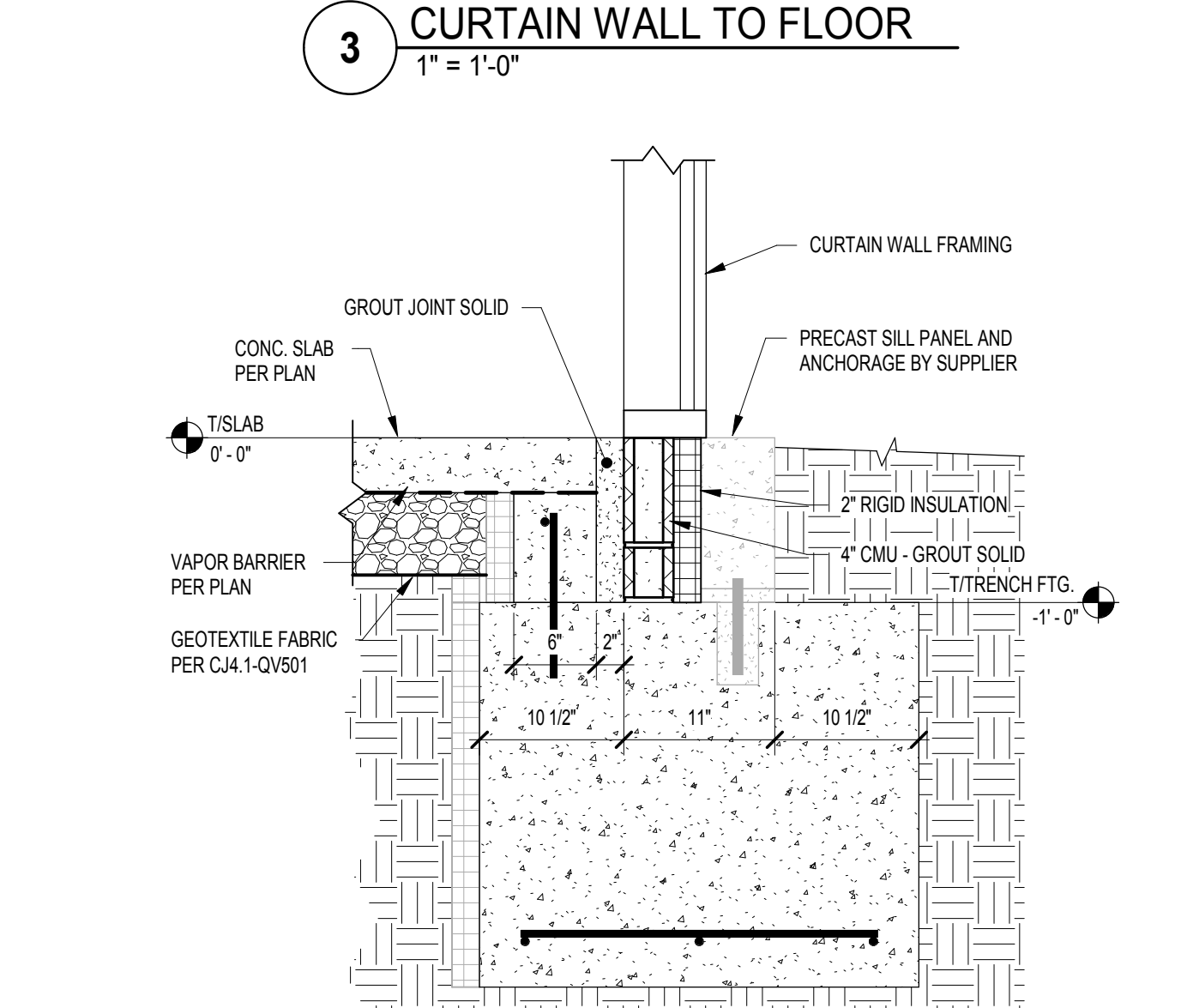
3 CURTAIN WALL TO FLOOR
 1" = 1'-0"



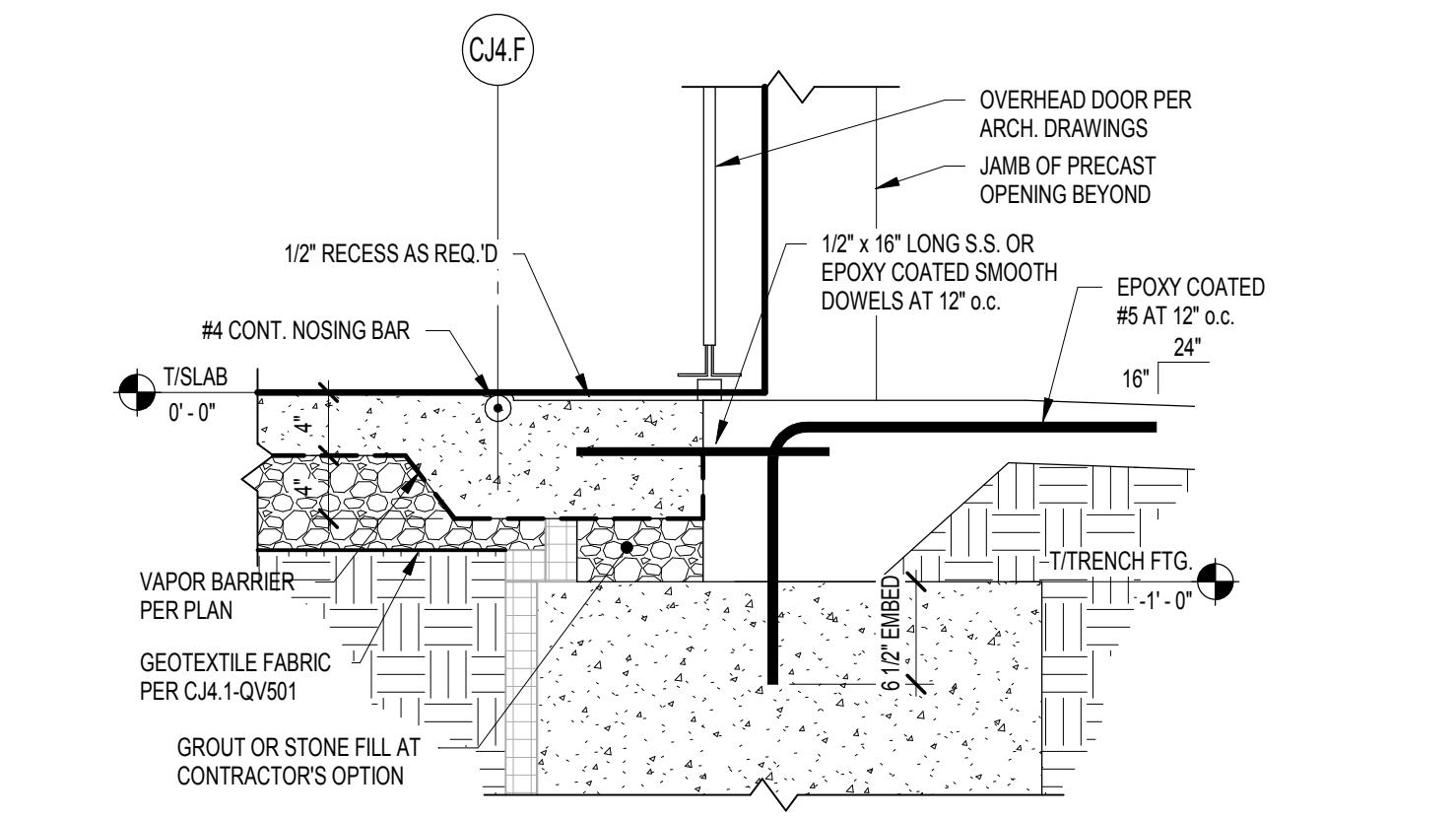
11 PRECAST AT OUTSET PANEL
 1" = 1'-0"



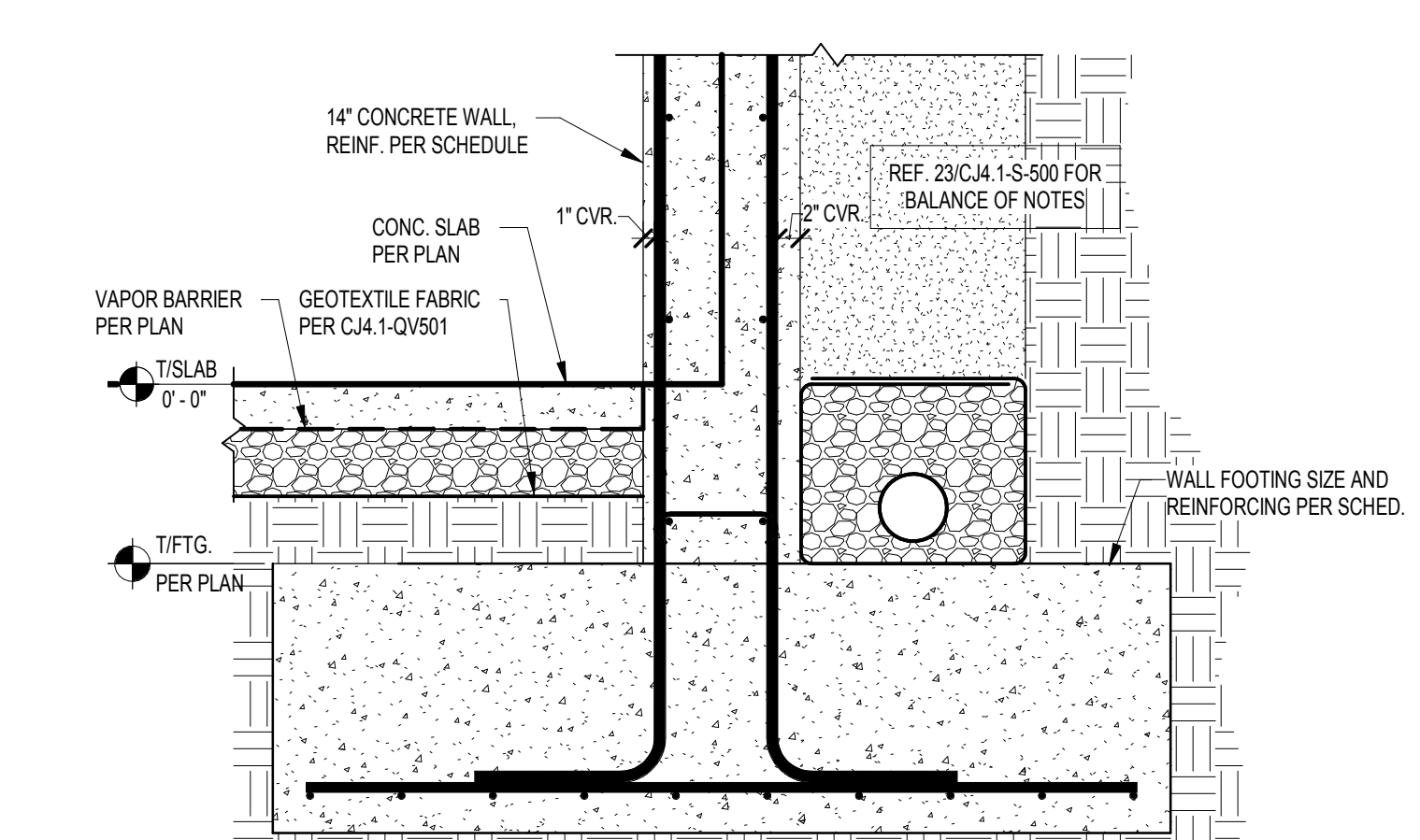
6 TYP. TRENCH FOOTING ON MAT
 1" = 1'-0"



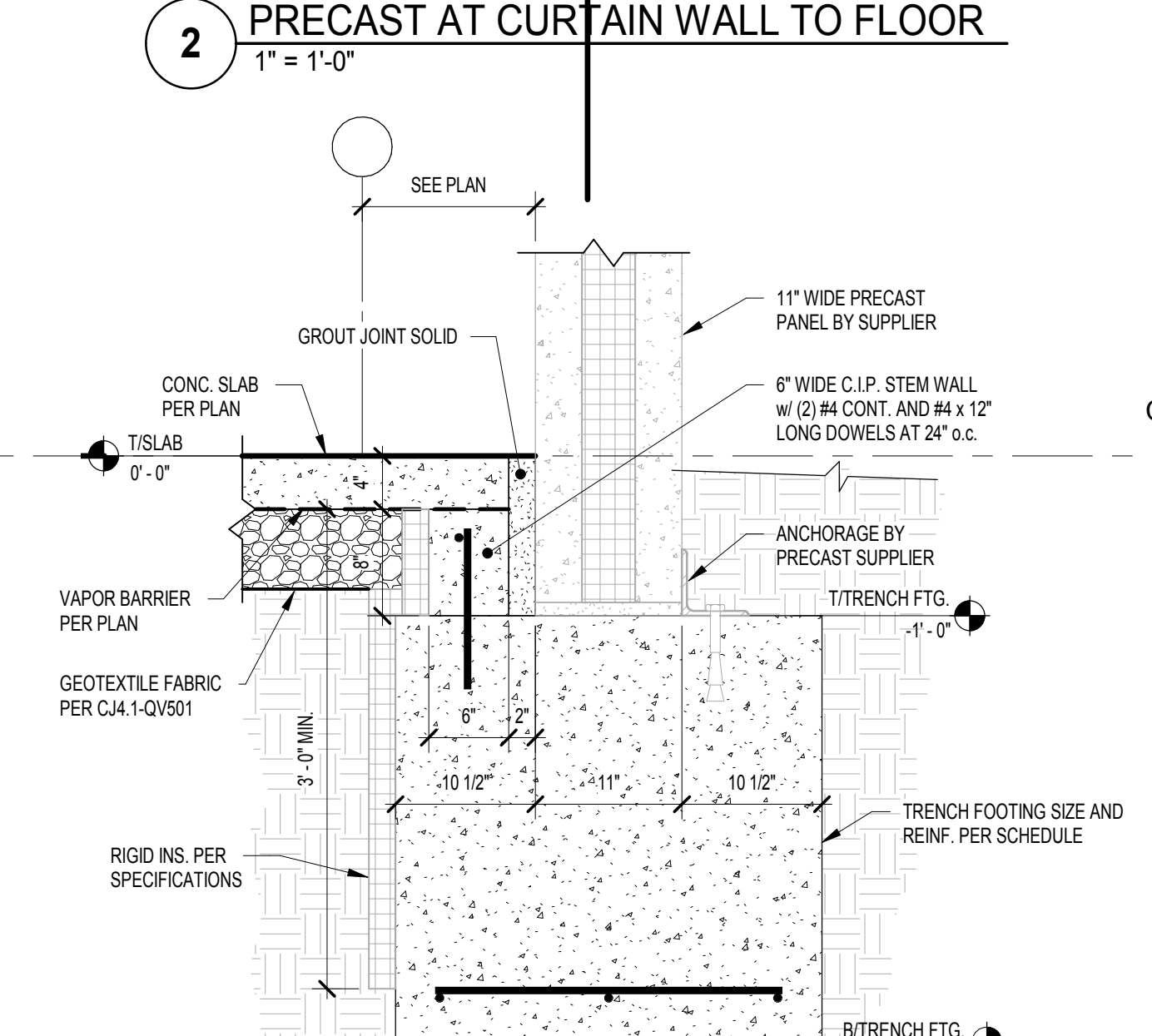
2 PRECAST AT CURTAIN WALL TO FLOOR
 1" = 1'-0"



10 OVERHEAD DOOR AT PRECAST WALL
 1" = 1'-0"

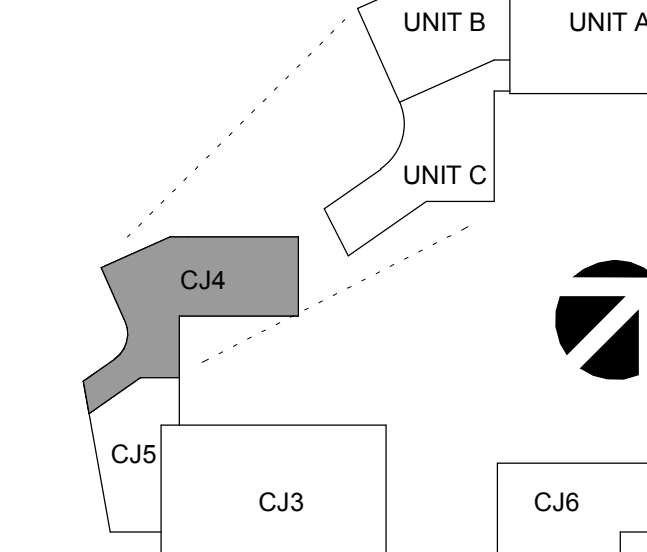


5 TYPICAL BASEMENT WALL FOOTING
 3/4" = 1'-0"



1 PRECAST FDN. WALL DETAIL
 1" = 1'-0"

Key Plan



No.	Revision Description	Date
1/3	CJ4.1-Submittal	04/25/2019

Issue Date: 02/13/19

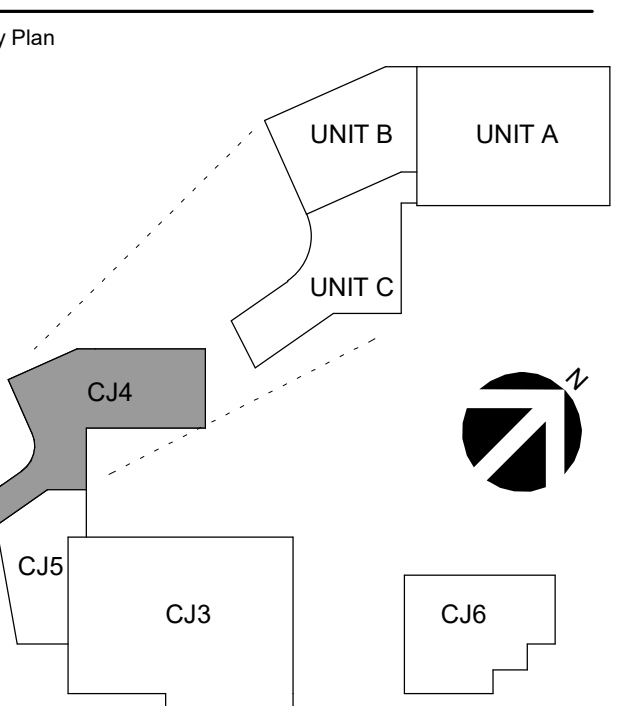
Project No: 2017-178.CCC

Sheet Title

FOUNDATION SECTIONS AND DETAILS

Original drawing is 48" x 36" Draw scale controls of this drawing

Sheet Number
CJ4.1-S-501



No.	Revision Description	Date
018	CJ4.1-ADDENDUM 1	02/20/19

Issue Date: 03/01/19

Project No: 2017-178.CCC

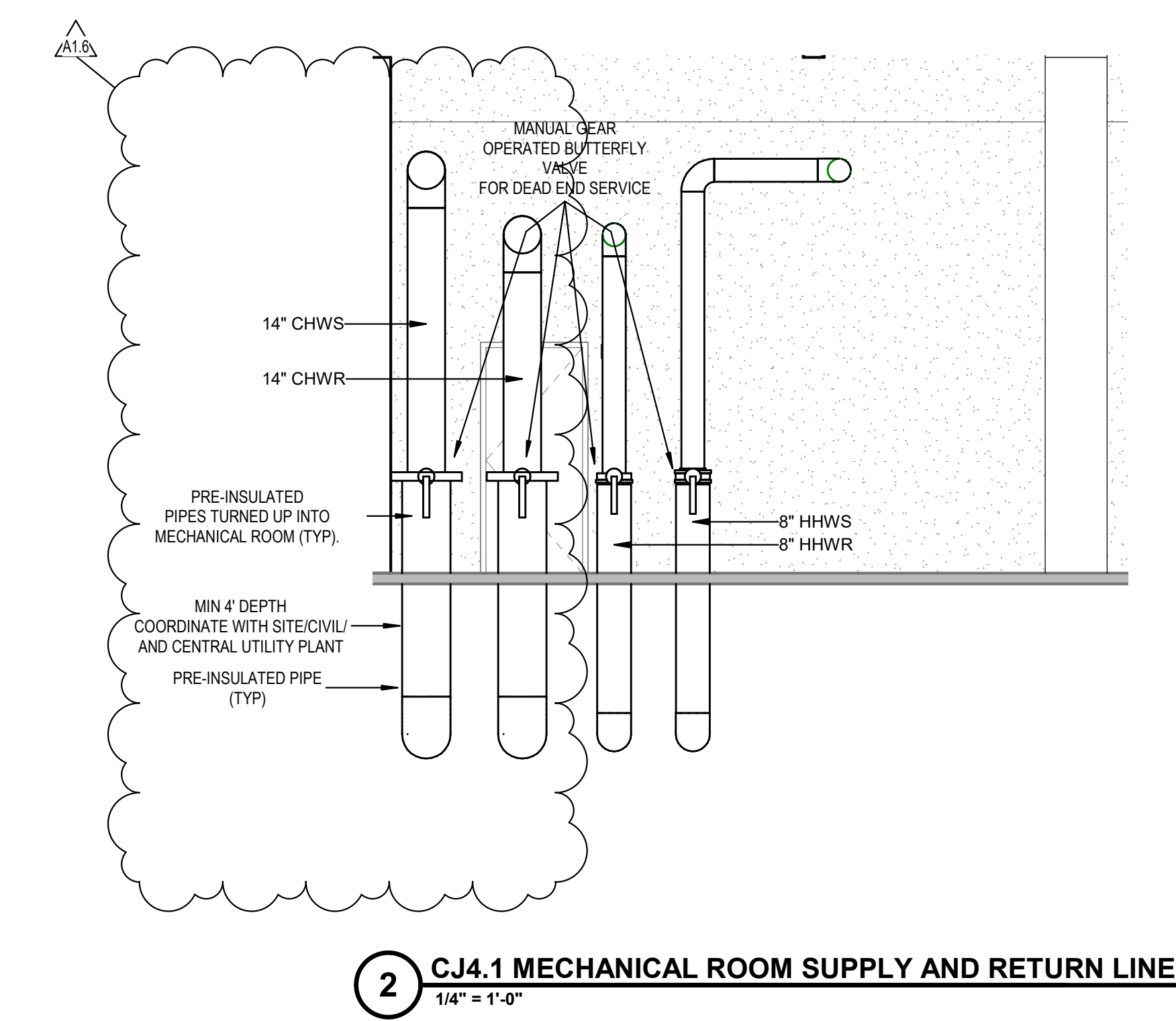
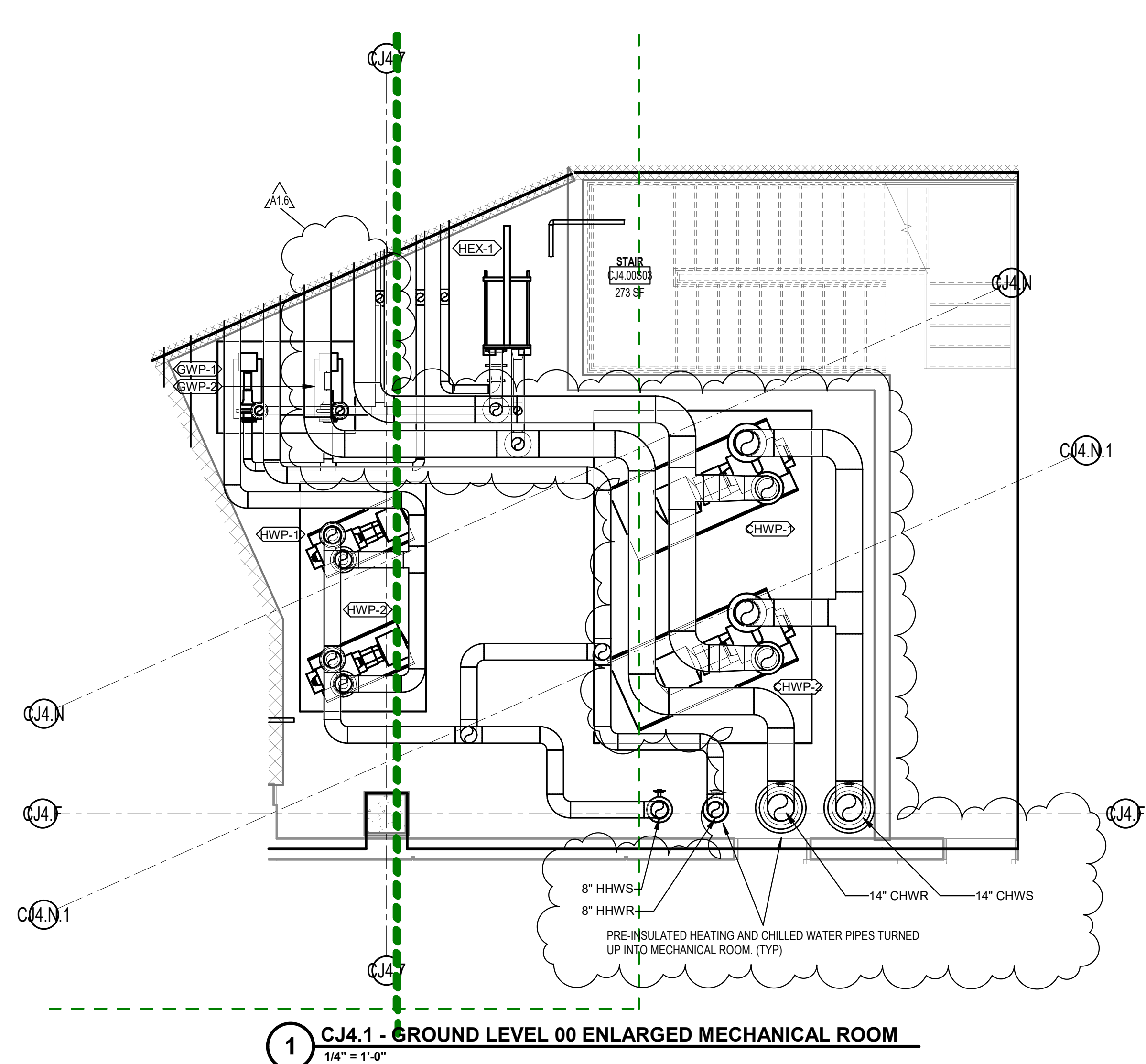
Sheet Title

MECHANICAL ROOM AND UNDERGROUND UTILITIES

Original drawing is 48" x 36" Draw scale contents of this drawing

Sheet Number

CJ4.1-M-400A





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 P 317.423.1550
 F 317.423.1551
 STRUCTURAL ENGINEERS

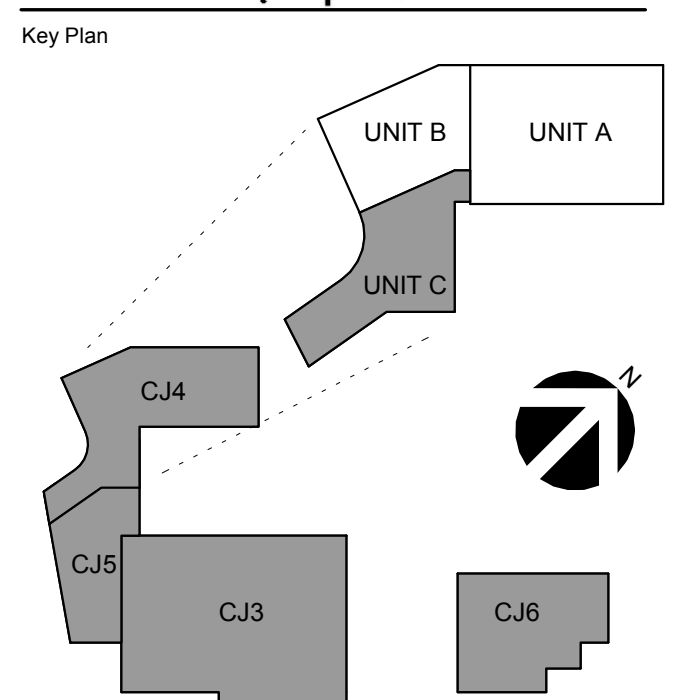
CMID
 ENGINEERS | ARCHITECTS | LAND SURVEYORS

mcgee design house
 COMMERCIAL INTERIORS

DESIGN 27
 TECHNOLOGY + ACOUSTICS

Professional Stamp

 Ronald E. Buckley
 8/8/2019



No.	Revision Description	Date
A1.0	CJ4.1 Addendum B	08/20/2019
A1.1	CJ4.1 Addendum B	08/27/2019
A1.2	CJ4.1 Addendum B	08/28/2019

Issue Date: 02/19/19

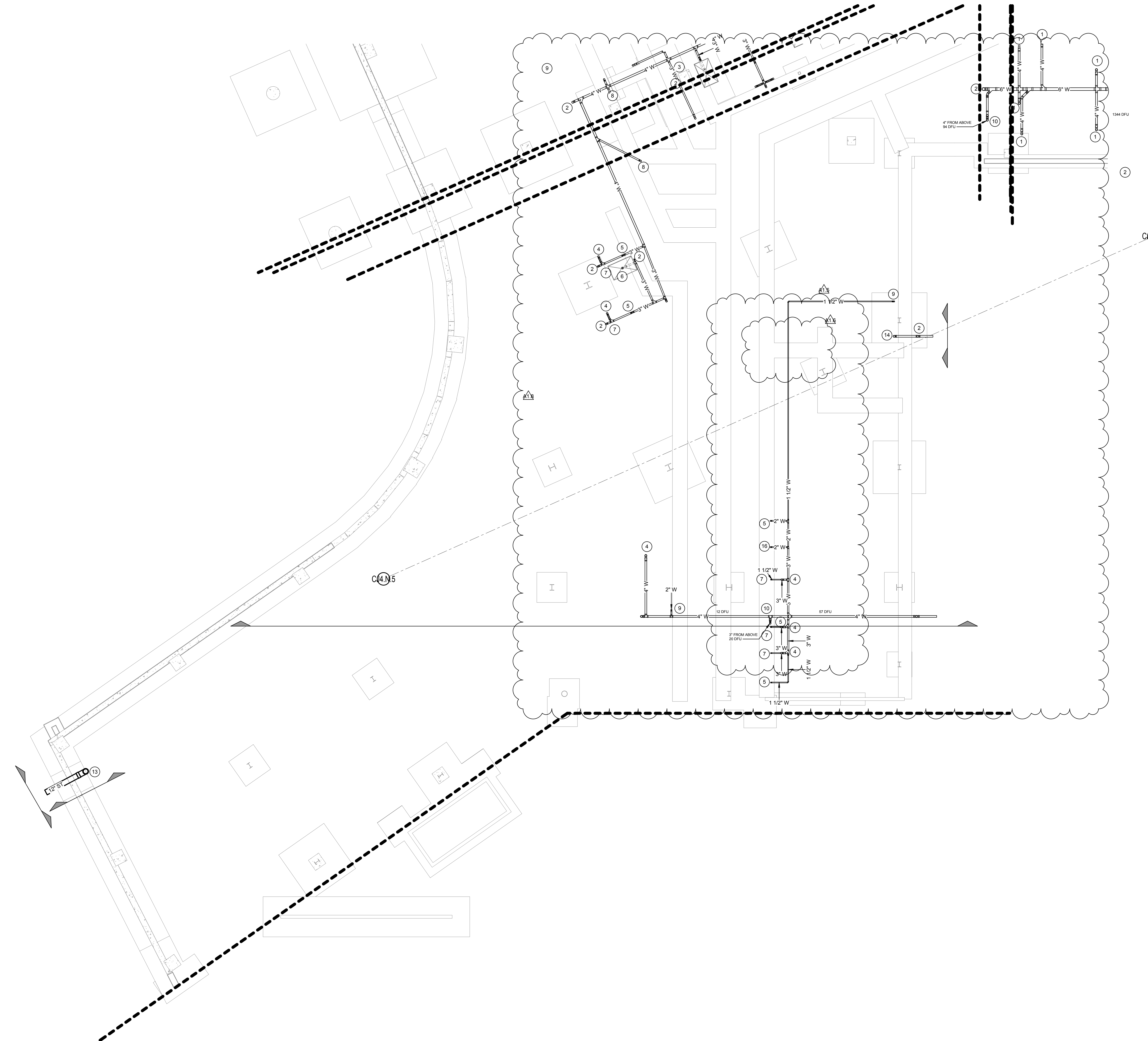
Project No: 2017-178.CCC
 Sheet Title:

FOUNDATION PLUMBING PLAN - UNIT C

Original drawing is 48" x 36" Do not scale contents of this drawing
 Sheet Number

CJ4.1-PB100C

- NOTES
1. PIPE UP TO CAST IRON FLOOR DRAIN
 2. PIPE UP TO CLEANOUT
 3. PIPE UP TO NICKEL BRONZE FLOOR DRAIN
 4. PIPE UP TO WATER CLOSET
 5. PIPE UP TO LAVATORY
 6. PIPE UP TO BROWER STALL
 7. VENT UP
 8. COMBINATION LIMIT
 9. UP TO UPPER FLOOR
 10. UP TO UPPER FLOOR
 11. UP TO MOP SERVICE BASIN
 12. FIRE RISER DRAIN
 13. STORM REAR TO FLOOR
 14. PIPE FROM EXISTING TO GREASE TRAP
 15. OIL INTERCEPTION NODE, 50 GAL (30-G, 52 GAL LOAD CAP, 25 GAL SOLID CAP, WITH TOP INLET
 16. PIPE UP TO URINAL
 17. PIPE UP TO ELECTRONIC WATER COOLER



1 UNIT C UNDERGROUND PLUMBING PLAN
 1/8" = 1'-0"



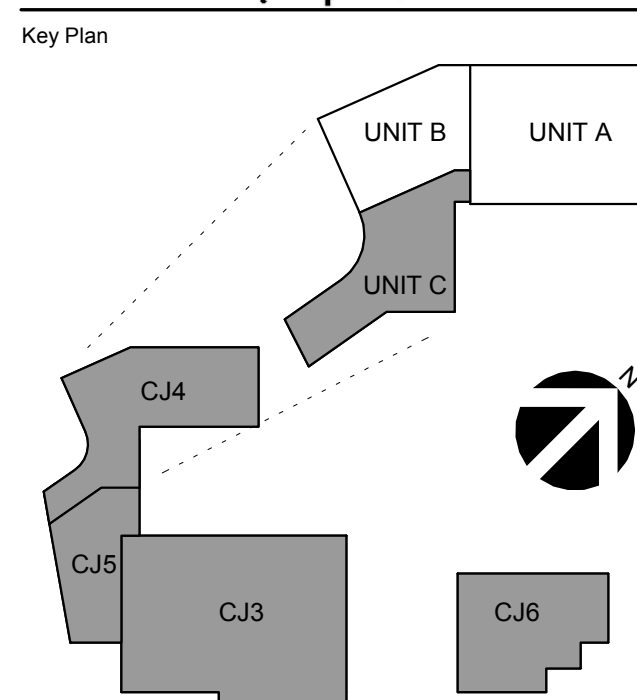
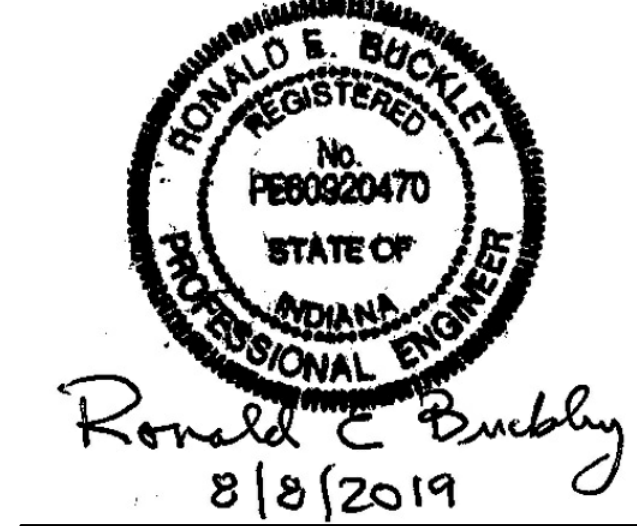
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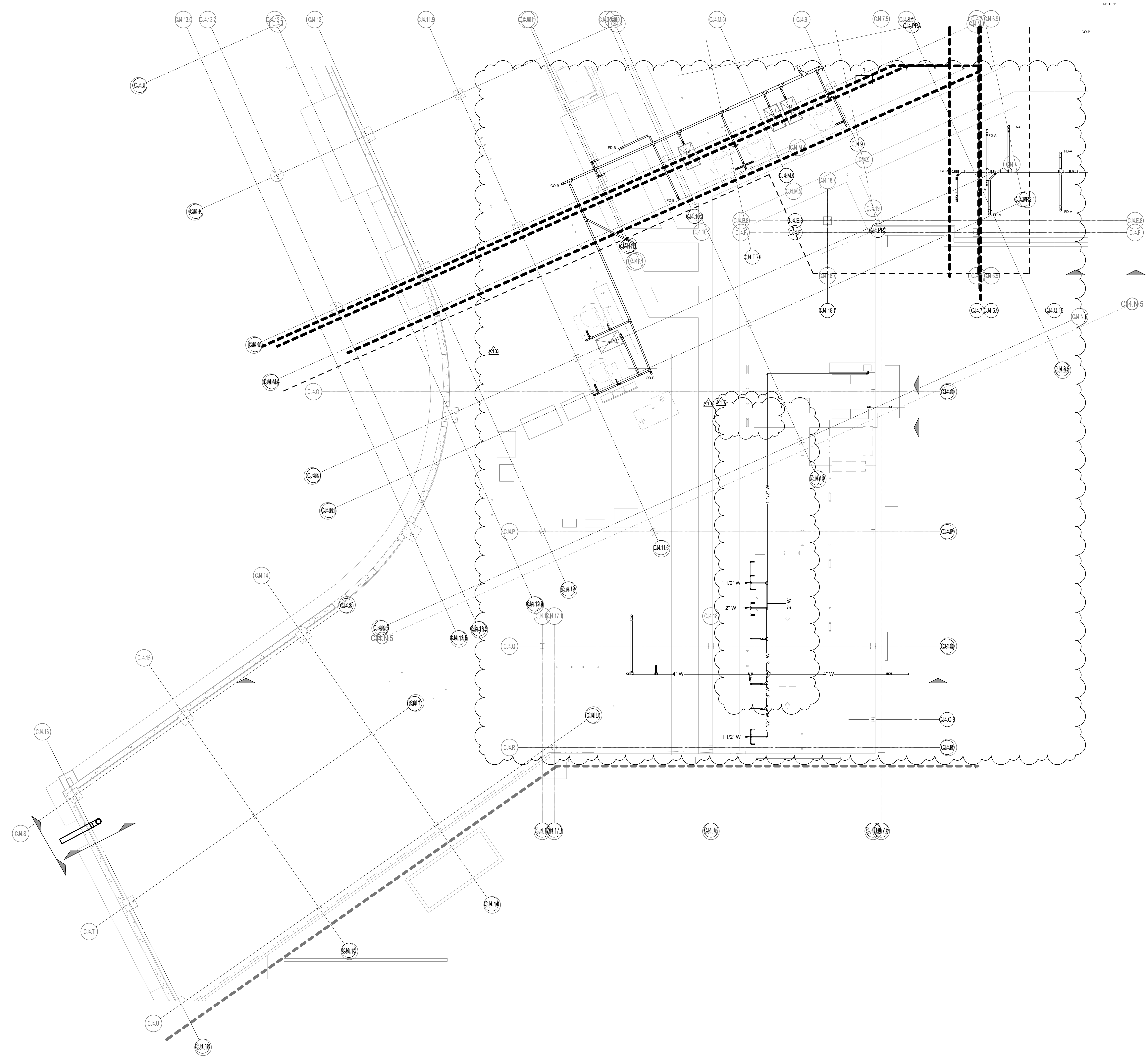


No.	Revision Description	Date
A1.5	CJ4.1 Addendum 5	06/20/2019
A1.6	CJ4.1 Addendum 6	06/27/2019
A1.8	CJ4.1 Addendum 8	08/08/2019

Issue Date	02/19/19
Project No.	2017-178.CCC
Sheet Title	LEVEL 00 PLUMBING PLAN - UNIT C
Original Drawing is of 1/8" Scale	Do not scale contents of this drawing
Sheet Number	

Project No. 2017-178.CCC
 Sheet Title
LEVEL 00 PLUMBING PLAN - UNIT C

Original Drawing is of 1/8" Scale
 Sheet Number
CJ4.1-PF100C



1 UNIT C LEVEL 00 PLUMBING PLAN
 1/8" = 1'-0"

GENERAL SITE NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.



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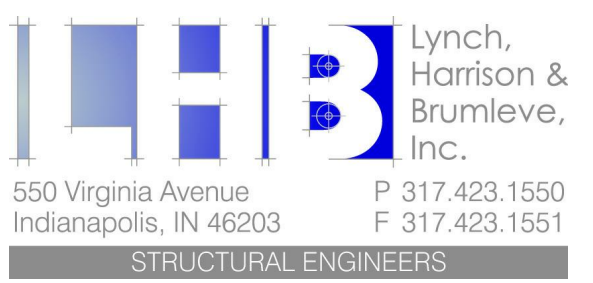
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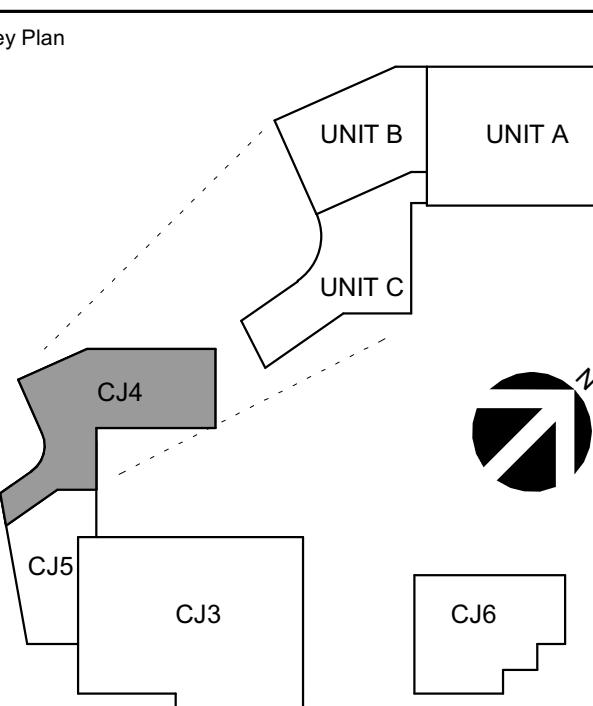
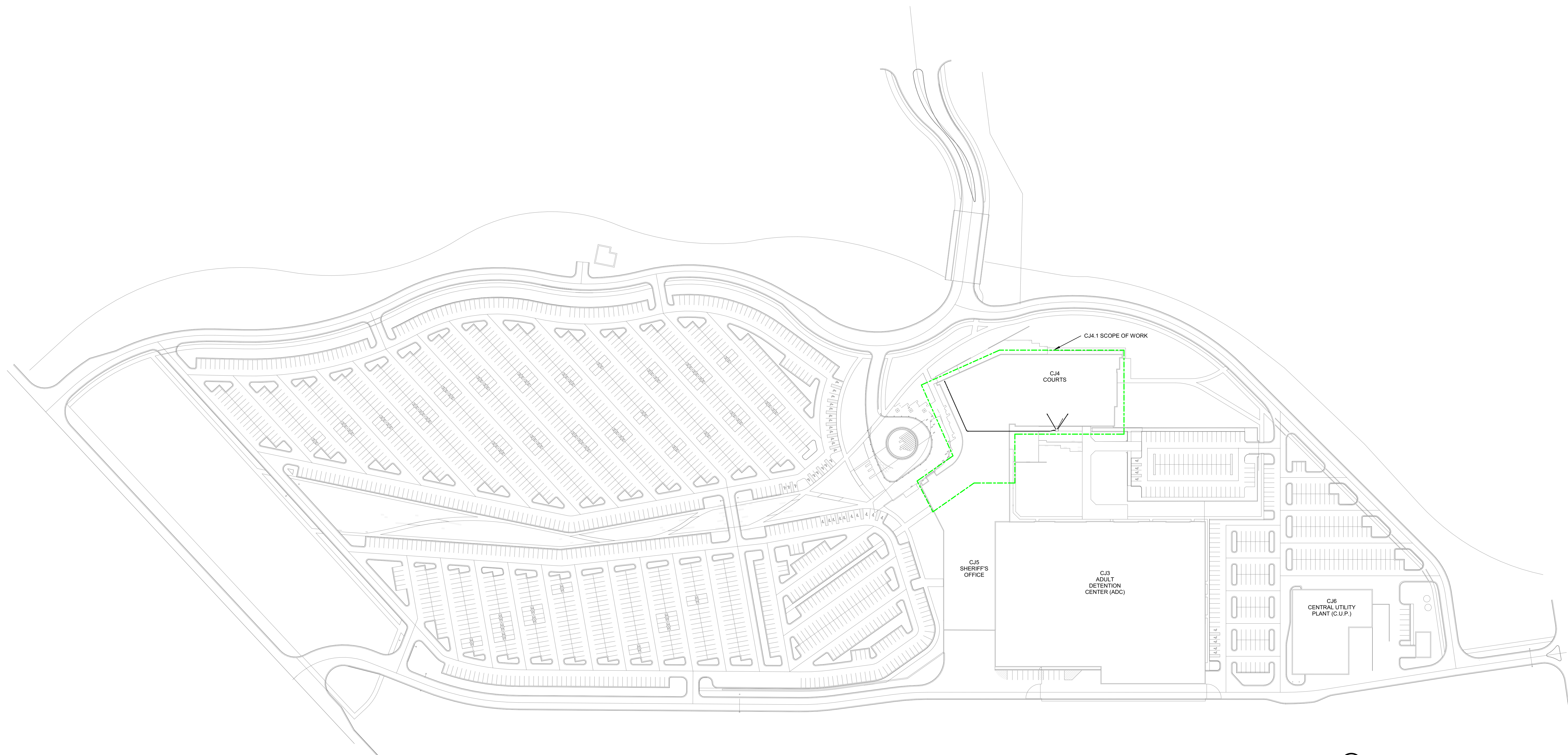
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CBRE | HEERY
 100 E. Pine St., Ste. 300
 Orlando, FL 32801
 t 407.992.6300



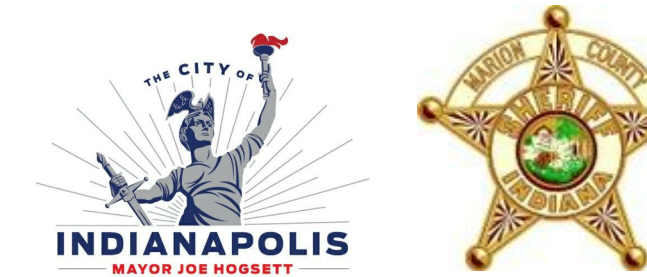
Professional Stamp



No.	Revision Description	Date
A/B	C/J4.1 Addition	03.27.2019

Issue Date:	03.01.2019
Project No.:	2017-176-CCC
Sheet Title:	OVERALL SITE PLAN
Original Drawing:	16 1/2" x 16" - Do not scale contents of this drawing
Sheet Number:	CJ4.1-ES101

1A CJ4.1 OVERALL SITE PLAN
 1" = 80'-0"



Project MARION COUNTY COMMUNITY JUSTICE CAMPUS

INDIANAPOLIS, IN

Prepared For MARION COUNTY



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Professional Stamp

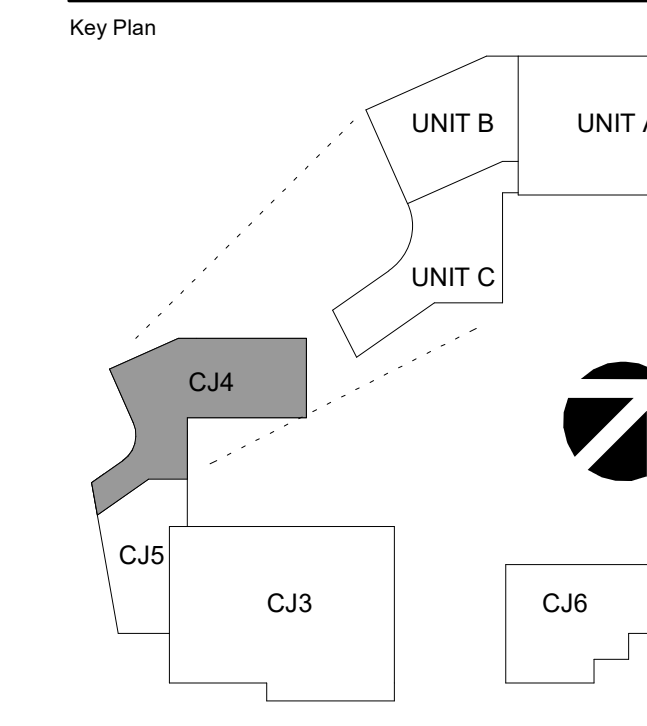
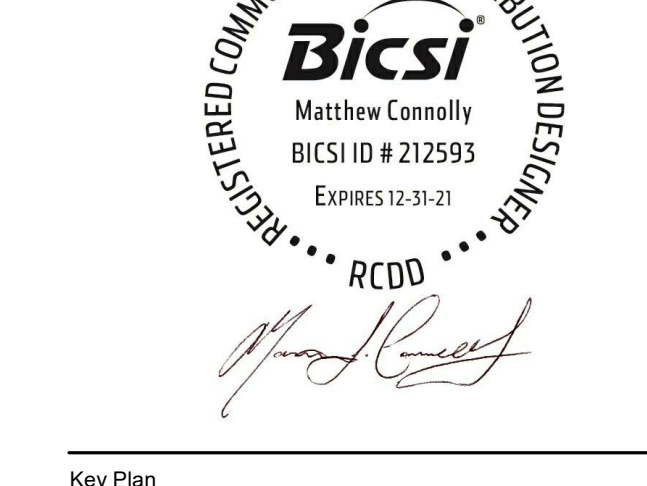


Table with 3 columns: No., Description, Date. Contains a list of items for the project.

Issue Date: 03.01.2019

Project No. Sheet Title

TELECOM GENERAL INFORMATION

Original drawing is 48" x 36" Do not scale contents of this drawing Sheet Number

CJ4.1- TT001

Main table containing TELECOM LEGEND, ABBREVIATIONS, and GENERAL NOTES sections.

