DAILY FIELD REPORT

Sheet 1 of 1

SEECO Construction Services, Inc.
18651 Graphic Court
Tinley Park, Illinois 60477
Phone: (708) 429-1666
Fax: (708) 429-1689

Total Hours for Day 4.0

Date 7/14/20

Weather: Sunny, 84°F

Name of Job:	City Hall & Police Station Building	SCS Job No. SC12469QC
Job Location:	20701 Patrick Drive, Crest Hill, IL	
Client:	City of Crest Hill	
Architect:	United Architects	
Subcontractors:	Concrete by Wagner, Inc. & Russ & Company	

DESCRIPTION OF WORK

On July 14, 2020, a field geotechnical engineer from SEECO Construction Services Inc. (SCS) was at the above referenced jobsite for foundation excavation inspection.

Upon arrival at the jobsite, excavation had been performed using a backhoe to design bottom of footing elevation for the majority of the basement area perimeter continuous wall footings (see location plans #1 and #2 attached). The bearing soils encountered at the bottom of footing excavations generally consisted of suitable very stiff to hard natural gray silty clay, trace sand and gravel. Unconfined compressive strength tests were performed using a calibrated pocket penetrometer on the footing bearing soils (see footing inspection summary attached). All tests exceeded the design net allowable bearing capacity of 3000 psf as specified in the project plans.

During today's inspection, SCS observed that groundwater had seeped into the bottom of some of the basement area footing excavations. Therefore, SCS recommended that all groundwater and any loosened or disturbed bearing soils should be removed from the bottom of the basement area footing excavations prior to the placement of the footing rebar and concrete.

A three (3) page footing inspection summary and two (2) location plans are attached for reference.

SCS Field Geotechnical Engineer: Pat Gray

SEECO Construction Services, Inc.
18651 Graphic Court, Tinley Park, Illinois 60477
Phone (708) 429-1666

DATE: 7/14/20 JOB NO.: SC12469QC PROJECT: City Hall & Police Station Building

CLIENT: City of Crest Hill PROJECT LOCATION: 20701 Patrick Drive, Crest Hills, IL

FOOTING INSPECTION SUMMARY

TEST NUMBER	1	2	3	4	5	6	7	8
LOCATION	←	←	←	See location plan #1	→	→	→	→
BOTTOM OF FOOTING ELEV.	←	←	←	-15'-5"	→	→	→	→
DEPTH BELOW EXISTING GRADE	←	←	←	15'-0"	→	→	→	→
PENETROMETER PSF	6000	7000	6000	6500	7000	6500	6500	6000
DESIGN NET ALLOWABLE BEARING CAPACITY, PSF	←	←	←	3000	→	→	→	→
SUBGRADE MATERIAL	←	←	←	Very stiff natural gray silty clay, trace sand & gravel (CL)		→	→	→
COMMENTS:	←	←	←	Approved	→	→	→	→

NOTES: Top of first floor slab elevation = 0'-0"
Top of basement slab elevation = -14'-0"

SHEET 1 of 3 FIELD GEOTECHNICAL ENGINEER: Pat Gray

SEECO Construction Services, Inc.
18651 Graphic Court, Tinley Park, Illinois 60477
Phone (708) 429-1666

DATE: 7/14/20 JOB NO.: SC12469QC PROJECT: City Hall & Police Station Building

CLIENT: City of Crest Hill PROJECT LOCATION: 20701 Patrick Drive, Crest Hills, IL

FOOTING INSPECTION SUMMARY

TEST NUMBER	9	10	11	12	13	14	15	16
LOCATION	See location plan #1	→	←			See location plan #2	→	→
BOTTOM OF FOOTING ELEV.	←			-15'-5"	→			
DEPTH BELOW EXISTING GRADE	←			15'-0"	→			
PENETROMETER PSF	7500	6500	5500	4500	5000	4500	5000	6000
DESIGN NET ALLOWABLE BEARING CAPACITY, PSF	←			3000	→			
SUBGRADE MATERIAL	←			Very stiff natural gray silty clay, trace sand & gravel (CL)		→		
COMMENTS:	←			Approved	→			

NOTES: Top of first floor slab elevation = 0'-0"
Top of basement slab elevation = -14'-0"

SHEET 2 of 3 FIELD GEOTECHNICAL ENGINEER: Pat Gray

SEECO Construction Services, Inc.
18651 Graphic Court, Tinley Park, Illinois 60477
Phone (708) 429-1666

DATE: 7/14/20 JOB NO.: SC12469QC

PROJECT: City Hall & Police Station Building

CLIENT: City of Crest Hill

PROJECT LOCATION: 20701 Patrick Drive, Crest Hills, IL

FOOTING INSPECTION SUMMARY

TEST NUMBER	17	18	19	20	21	22	23	
LOCATION				See location plan #2				
BOTTOM OF FOOTING ELEV.	←			-15'-5"	→			
DEPTH BELOW EXISTING GRADE	←			15'-0"	→			
PENETROMETER PSF	6000	6500	7000	7500	8000	8500	8000	
DESIGN NET ALLOWABLE BEARING CAPACITY, PSF	←			3000	→			
SUBGRADE MATERIAL	←	Very stiff natural gray silty clay, trace sand & gravel (CL)		→	Hard natural gray silty clay, tr. sand & gravel (CL)			
COMMENTS:	←			Approved	→			

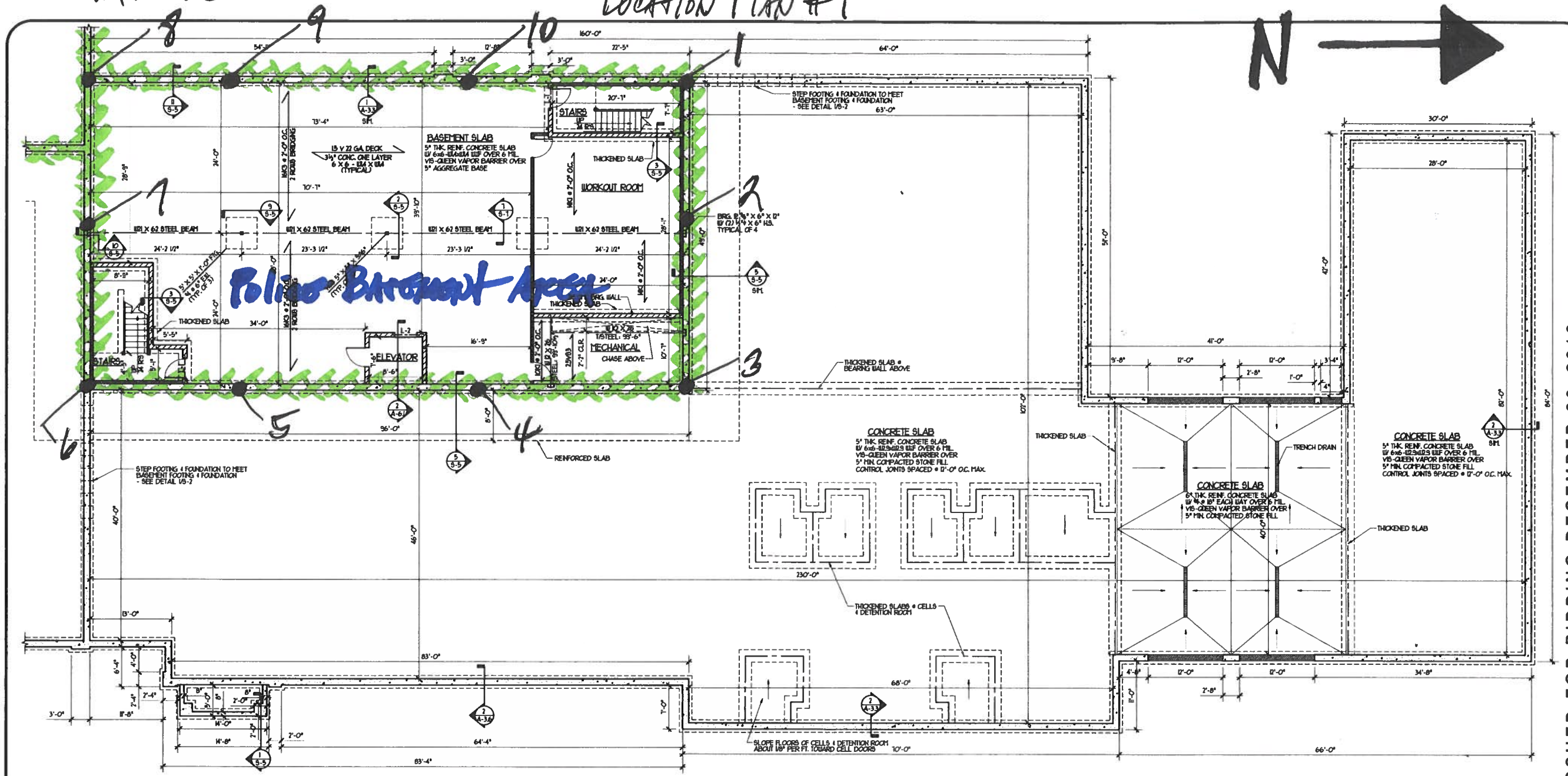
NOTES: Top of first floor slab elevation = 0'-0"
Top of basement slab elevation = -14'-0"

SHEET 3 of 3

FIELD GEOTECHNICAL ENGINEER: Pat Gray

12469 QC

LOCATION PLAN #1

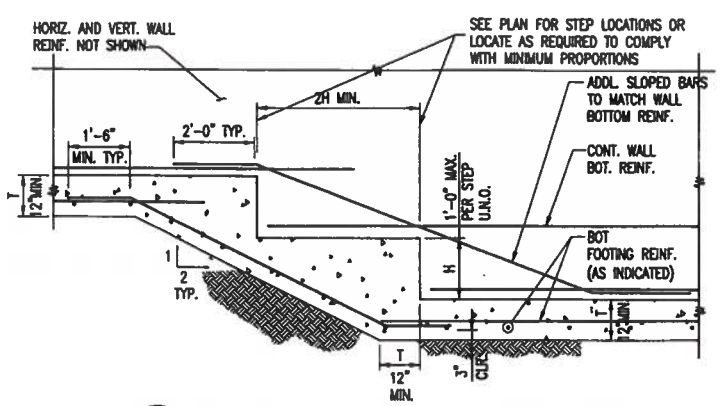


POLICE FOUNDATION PLAN

SCALE : 1/8" = 1'-0"

NORTH

* COORDINATE CHASE SIZES TO BE CLEAR OPENING FOR DUCTWORK - SEE ARCHITECTURAL & MECHANICAL PLANS



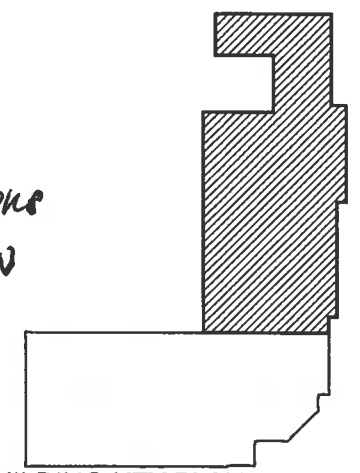
1 S-2 TYP. STEPPED FOOTING DETAIL

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

Legend

X - Basement area perimeter continuous wall footings excavated to design bottom of footing elevation.

● Unconfined compressive strength test location



BUILDING KEY PLAN

SCALE : N.T.S

NORTH

ISSUED FOR BIDDING DECEMBER 30, 2019

United ARCHITECTS LTD.
1002 PLAINFIELD ROAD, JOLIET IL 60435
815-723-6000 * unitedarchitects@sbcglobal.net
PROFESSIONAL DESIGN FIRM #: 184-002986

REVISION NO. -DATE- -REMARKS-

CITY HALL & POLICE BUILDING

FOR: CITY OF CREST HILL

20701 PATRICK DRIVE, CREST HILL, IL

DRAWN BY: S.G.
CHECKED BY: BOB GEBEL
DATE : DECEMBER 30, 2019
PROJECT NO: 19-06
TITLE: POLICE FOUNDATION PLAN

SHEET S-2

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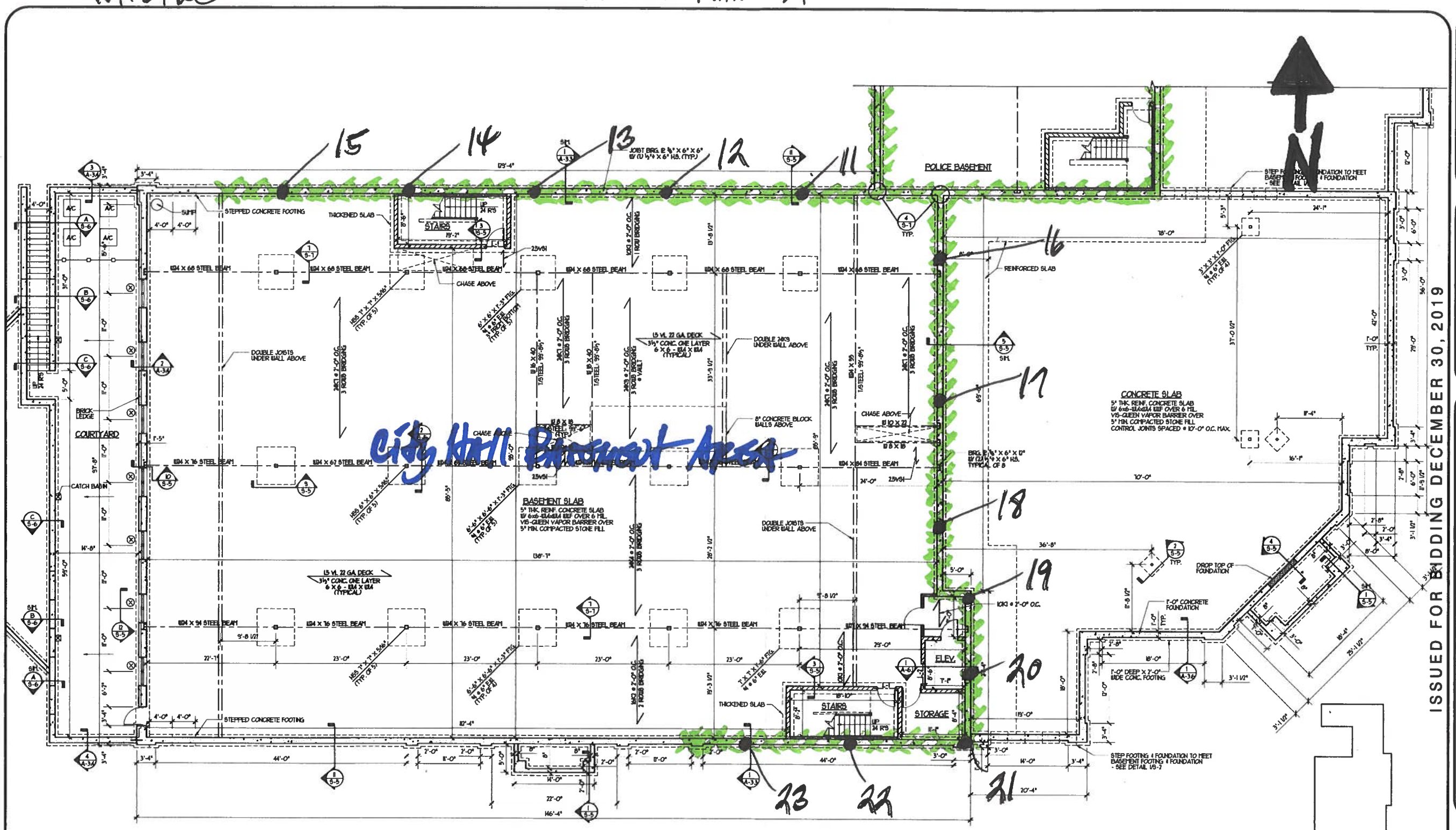
JC 12469QC

Location Plan #2



CITY HALL FOUNDATION PLAN

SCALE : 1/8" = 1'-0"

0 1 2 3 4 5 6 7 8

NORTH

* COORDINATE CHASE SIZES TO BE CLEAR OPENING FOR DUCTWORK - SEE ARCHITECTURAL & MECHANICAL PLANS

Legend

X Basement area perimeter continuous wall footings excavated to design bottom of footing elevation.

● Unconfined compressive strength test location

BUILDING KEY PLAN

SCALE : N.T.S.

NORTH

United ARCHITECTS LTD.
1002 PLAINFIELD ROAD, JOLIET IL 60435
815-722-6060 • unitedarchitects@ameritech.net
PROFESSIONAL DESIGN FIRM #: 184-002966

REVISION NO. -DATE- -REMARKS-

ISSUED FOR BIDDING DECEMBER 30, 2019

CITY HALL & POLICE BUILDING

FOR: CITY OF CREST HILL

20701 PATRICK DRIVE, CREST HILL, IL

DRAWN BY: S.G.
CHECKED BY: BOB GEBEL
DATE : DECEMBER 30, 2019
PROJECT NO: 19-C6
TITLE: CITY HALL FOUNDATION PLAN

SHEET S-1

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DAILY FIELD REPORT

Sheet 1 of 1

SEECO Construction Services, Inc.
18651 Graphic Court
Tinley Park, Illinois 60477
Phone: (708) 429-1666
Fax: (708) 429-1689

Total Hours for Day 4.0

Date 7/15/20

Weather: Ptly. cloudy, 82- 85°F

Name of Job:	City Hall & Police Station Building	SCS Job No. SC12469QC
Job Location:	20701 Patrick Drive, Crest Hill, IL	
Client:	City of Crest Hill	
Architect:	United Architects	
Subcontractors:	Concrete by Wagner, Inc. & Russ and Company	

DESCRIPTION OF WORK

On July 15, 2020, a field geotechnical engineer from SEECO Construction Services Inc. (SCS) was at the above referenced jobsite for foundation excavation inspection, concrete placement inspection and reinforcing steel inspection.

On this date, excavation was performed using a backhoe for some of the City Hall basement perimeter continuous wall footings (see location plan #1 attached). The bearing soils encountered at the bottom of footing excavations generally consisted of suitable very stiff to hard natural gray silty clay, trace sand and gravel. Unconfined compressive strength tests were performed using a calibrated pocket penetrometer on the footing bearing soils (see footing inspection summary attached). All tests exceeded the design net allowable bearing capacity of 3000 psf as specified in the project plans.

A total of 56 cubic yards of concrete (Mix#1097) was placed using a conveyor for the basement area perimeter continuous wall footings (see location plans #2 and #3 attached). Slump, air content and concrete temperature tests were performed. Test results met the requirements of the project specifications. Two (2) sets of four (4) cylinders were cast for future compressive strength testing.

The reinforcing steel was inspected for the basement area perimeter continuous wall footings prior to the placement of today's concrete. The reinforcing steel was inspected for proper size, spacing, length, clearance and workmanship quality. The reinforcing steel was found to be in compliance with the project plans.

During reinforcing steel inspection, SCS observed that all standing groundwater and all loosened or disturbed bearing soils had been removed from the bottom of the footing excavations as previously recommended in SCS's Daily Field Report dated 7/14/20.

A footing inspection summary, concrete placement inspection report and three (3) location plans are attached for reference.

SCS Field Geotechnical Engineer: Pat Gray

SEECO Construction Services, Inc.
18651 Graphic Court, Tinley Park, Illinois 60477
Phone (708) 429-1666

DATE: 7/15/20 JOB NO.: SC12469QC PROJECT: City Hall & Police Station Building

CLIENT: City of Crest Hill PROJECT LOCATION: 20701 Patrick Drive, Crest Hills, IL

FOOTING INSPECTION SUMMARY

TEST NUMBER	1	2	3	4	5	6	7	8
LOCATION	←	←	←	See location plan #1	→	→	→	→
BOTTOM OF FOOTING ELEV.	←	←	-15'-5"	→	→	←	-17'-6"	→
DEPTH BELOW EXISTING GRADE	←	←	15'-0"	→	→		17'-0"	
PENETROMETER PSF	8500	8000	8000	7500	7000	4500	5000	5000
DESIGN NET ALLOWABLE BEARING CAPACITY, PSF	←	←	←	3000	→	→	→	→
SUBGRADE MATERIAL	Hard natural gray silty clay, tr. sand & gravel (CL)			←	Very stiff natural gray silty clay, tr. sand & gravel (CL)			→
COMMENTS:	←	←	←	Approved	→	→	→	→

NOTES: Top of first floor slab elevation = 0'-0"
Top of basement slab elevation = -14'-0"

SHEET 1 of 1 FIELD GEOTECHNICAL ENGINEER: Pat Gray

SEECO CONSTRUCTION SERVICES, INC.

18651 Graphic Court, Tinley Park, Illinois 60477
Phone (708) 429-1666
Fax: (708) 429-1689

CONCRETE PLACEMENT INSPECTION REPORT

PROJECT:	City Hall & Police Station Building 20701 Patrick Dr., Crest Hill, IL	**DATE:**	7/15/20
		SEECO JOB NO.:	SC12469QC
CLIENT:	City of Crest Hill	**CONST. MANAGER:**	City of Crest Hill
INSPECTOR:	Pat Gray	**SUBCONTRACTOR:**	Concrete by Wagner, Inc.
WEATHER:	Partly cloudy, 82-85°F	**CONCRETE SUPPLIER:**	Ozinga Ready Mix Concrete Inc.

PLACEMENT LOCATION: Basement area perimeter continuous wall footings (see location plans #2 & #3 attached)

Load No.	Ticket No.	CY/Total	Truck No.	Time Loaded	Pouring Start	Pouring Finish	Slump (Inches)	Air %	Conc. Temp (°F)	Water Added (Gal.)	Set No.
1	709300	8/8	1515	11:29	12:03	12:16					
2	709304	8/16	1685	11:52	12:24	12:34	4.0	5.0	85		1
3	709306	8/24	1951	12:05	12:38	12:49					
4	709310	8/32	0615	12:25	12:54	1:28					
5	709312	8/40	1694	12:43	1:32	1:44					
6	709315	8/48	1906	12:57	1:46	2:15	3.75	5.3	87		2
7	709322	8/56	0615	1:52	2:17	2:30					

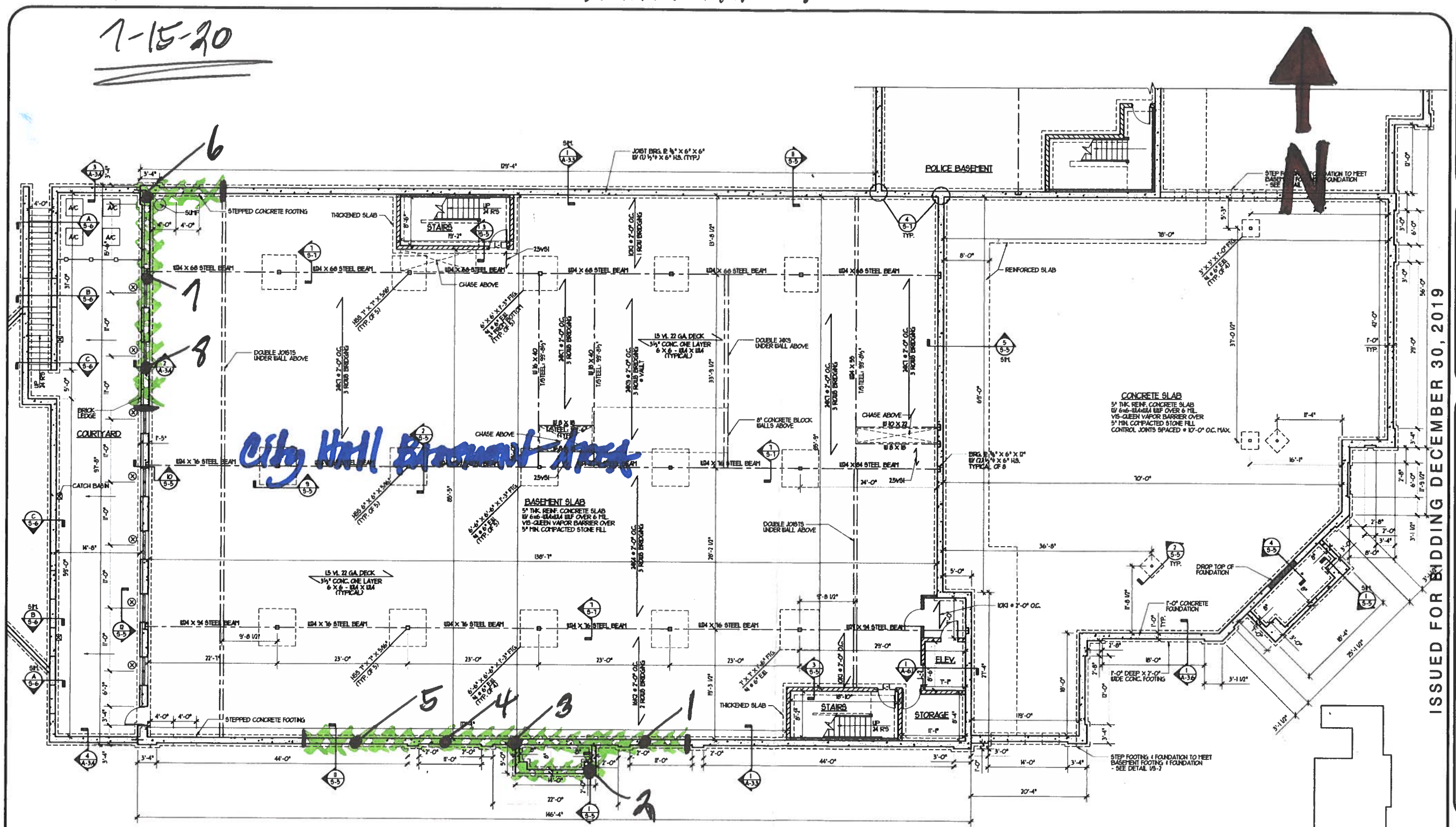
CONCRETE MIX PROPORTIONS (PER C.Y.)

CEMENT:		**CLASS:**	4000 psi @ 28 days
FINE AGGREGATE:		**MIX NO.:**	1097
COARSE AGGREGATE:		**ADMIXTURE:**	WR, AEA
TOTAL CUBIC YARDS PLACED:	56	**ADMIXTURE:**	
		REMARKS:	

SC 12469QC

Location Plan #1

1-15-20



City Hall Basement Area

CITY HALL FOUNDATION PLAN

SCALE : 1/8" = 1'-0"

* COORDINATE CHASE SIZES TO BE CLEAR OPENING FOR DUCTWORK - SEE ARCHITECTURAL & MECHANICAL PLANS

NORTH

Legend

X Basement area perimeter continuous wall footings excavated to design bottom of footing elevation on this date.

● Unconfined compressive strength test location

BUILDING KEY PLAN

SCALE : N.T.S.

NORTH

United ARCHITECTS LTD.
1002 PLAINFIELD ROAD, JOLIET, IL 60435
815-723-4000 • unitedarchitects@smartech.net
PROFESSIONAL DESIGN FIRM # 184-002966

REVISION NO. -DATE- -REMARKS-

ISSUED FOR BIDDING DECEMBER 30, 2019

CITY HALL & POLICE BUILDING

FOR: CITY OF CREST HILL

20701 PATRICK DRIVE, CREST HILL, IL

DRAWN BY: S.G.
CHECKED BY: BOB GEBEL
DATE : DECEMBER 30, 2019
PROJECT NO: 19-06
TITLE: CITY HALL FOUNDATION PLAN

SHEET S-1

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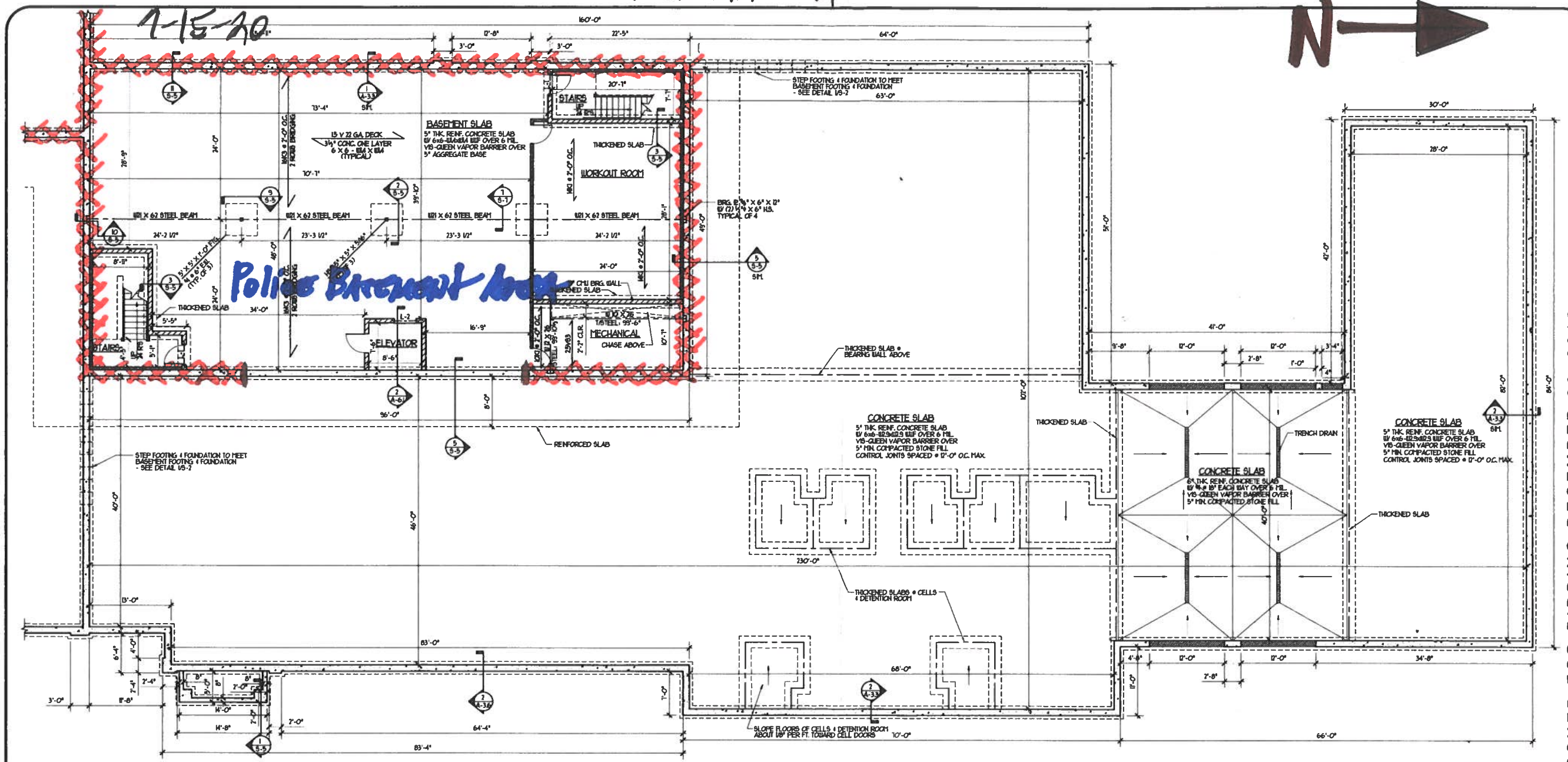
SC 12469QC

7-15-20

Location Plan #2



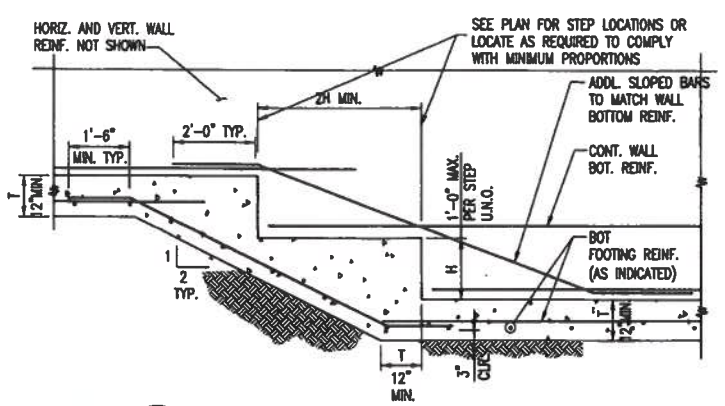
Police Basement Area

POLICE FOUNDATION PLAN

SCALE : 1/8" = 1'-0"

NORTH

* COORDINATE CHASE SIZES TO BE CLEAR OPENING FOR DUCTWORK - SEE ARCHITECTURAL & MECHANICAL PLANS

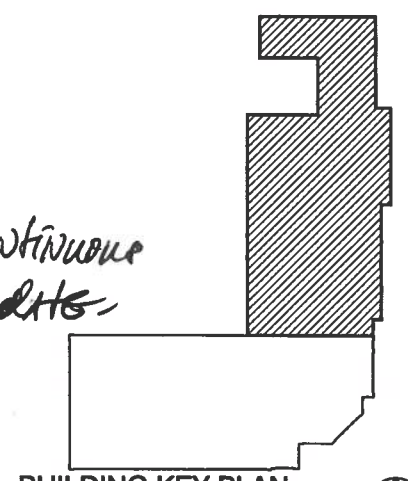


1/S-2 TYP. STEPPED FOOTING DETAIL

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

Legend

X - Basement area perimeter continuous wall footings poured on this date.



BUILDING KEY PLAN

SCALE : N.T.S.

NORTH

ISSUED FOR BIDDING DECEMBER 30, 2019

United architects inc.
1002 PLAINFIELD ROAD, JOLIET IL 60435
815-723-4000 • unitedarchitects@ameritech.net
PROFESSIONAL DESIGN FIRM # 184-002966

REVISION NO. -DATE- -REMARKS-

CITY HALL & POLICE BUILDING

FOR: CITY OF CREST HILL

20701 PATRICK DRIVE, CREST HILL, IL

DRAWN BY: S.G.
CHECKED BY: BOB GEBEL
DATE : DECEMBER 30, 2019
PROJECT NO: 19-06
TITLE: POLICE FOUNDATION PLAN

SHEET S-2

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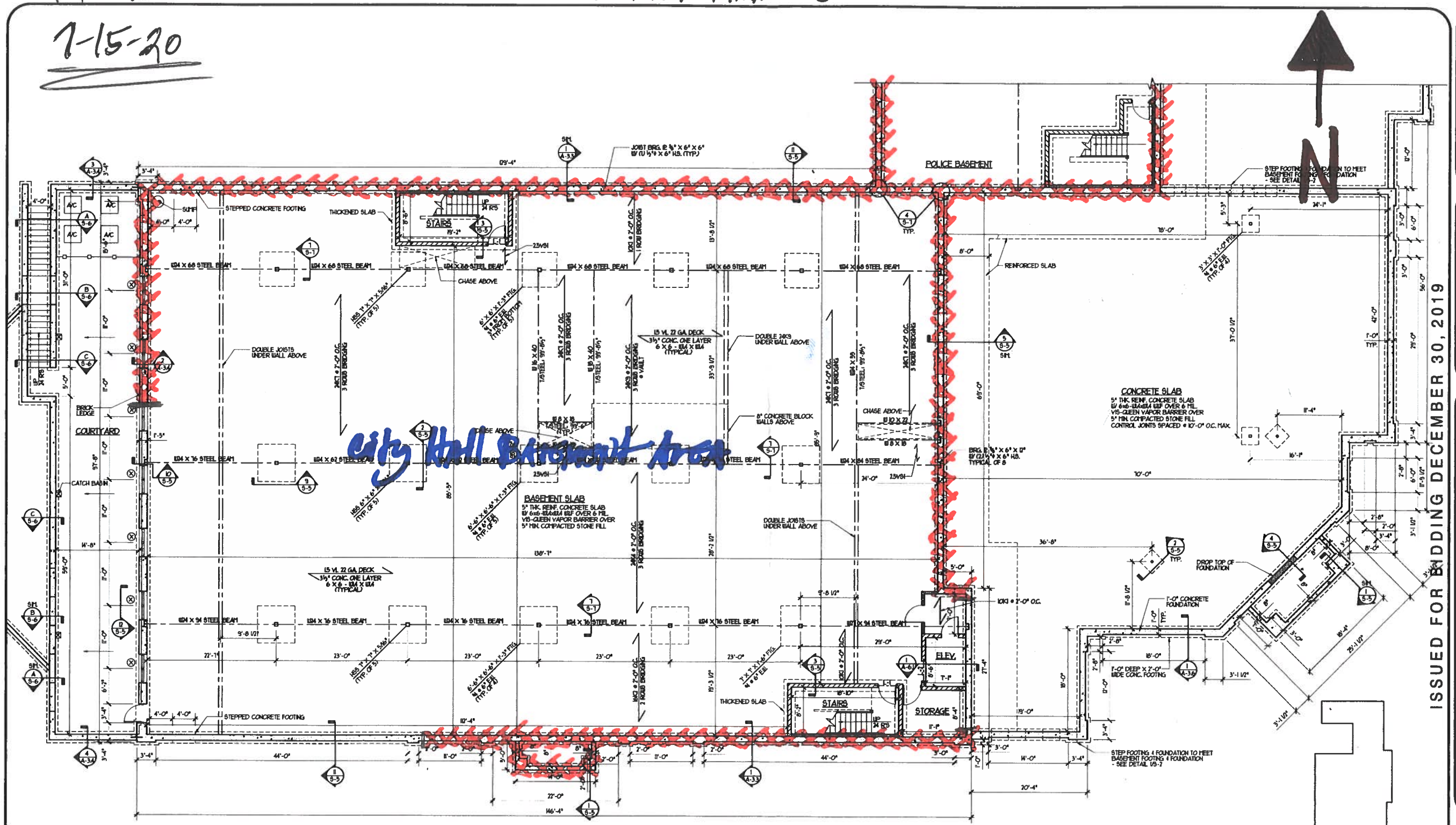
SE 1246DC

LOCATION PLAN #3

7-15-20



City Hall Basement Area

CITY HALL FOUNDATION PLAN

SCALE : 1/8" = 1'-0"

NORTH

* COORDINATE CHASE SIZES TO BE CLEAR OPENING FOR DUCTWORK - SEE ARCHITECTURAL & MECHANICAL PLANS

Legend

X - Basement area perimeter continuous wall footings poured on this date.

BUILDING KEY PLAN

SCALE : N.T.S.

NORTH

United ARCHITECTS LTD.
1002 PLAINFIELD ROAD, JOLIET, IL 60435
815-723-6060 * unitedarchitects@mindspring.net
PROFESSIONAL DESIGN FIRM #: 184-002866

REVISION NO. -DATE- -REMARKS-

ISSUED FOR BIDDING DECEMBER 30, 2019

CITY HALL & POLICE BUILDING

FOR: CITY OF CREST HILL

20701 PATRICK DRIVE, CREST HILL, IL

DRAWN BY: S.G.
CHECKED BY: BOB GEBEL
DATE : DECEMBER 30, 2019
PROJECT NO: 19-06
TITLE: CITY HALL FOUNDATION PLAN

SHEET S-1

12/19/2019 4:20:38 PM

DAILY FIELD REPORT

Sheet 1 of 1

SEECO Construction Services, Inc.
18651 Graphic Court
Tinley Park, Illinois 60477
Phone: (708) 429-1666
Fax: (708) 429-1689

Total Hours for Day 1.5

Date 7/17/20

Weather: Sunny, 84°F

Name of Job:	City Hall & Police Station Building	SCS Job No. SC12469QC
Job Location:	20701 Patrick Drive, Crest Hill, IL	
Client:	City of Crest Hill	
Architect:	United Architects	
Subcontractor:	Concrete by Wagner, Inc.	

DESCRIPTION OF WORK

On July 17, 2020, a representative from SEECO Construction Services Inc. (SCS) was at the above referenced jobsite for a cylinder pickup.

One (1) set of four (4) cylinders, cast 7/15/20, was picked up for future compressive strength testing.

SCS Representative: Neftali Fonseca

SEECO Construction Services, Inc.

18651 Graphic Court, Tinley Park, Illinois 60477
Phone (708) 429-1666

DATE: 7/22/20 JOB NO.: SC12469QC ARCHITECT: United Architects

CONTRACTOR: Concrete by Wagner, Inc. PROJECT: City Hall & Police Building

CONCRETE SUPPLIER: Ozinga Ready Mix Concrete, Inc. PROJECT LOCATION: 20701 Patrick Dr., Crest Hill, IL

COMPRESSIVE STRENGTH OF MOLDED CONCRETE CYLINDERS

(ASTM C 39 CYLINDERS 6" DIAMETER X 12" LONG UNLESS OTHERWISE NOTED)
CROSS-SECTIONAL AREA = 28.27 SQUARE INCHES

LAB. CYL. #	LOCATION OF POUR	FIELD DATA	DATE RECEIVED	DATE MADE	DATE BROKEN	MAXIMUM LOAD IN POUNDS	COMPRESSIVE STRENGTH, PSI (BREAK TYPE)	MIX NO.	SPECIFIED STRENGTH IN PSI	AGE IN DAYS	REMARKS (Act. Dia)
670	Police basement area south & east perimeter continuous wall footings	Slump=4.0"	7/17/20	7/15/20	7/22/20	151,170	5,350 (2)	1097		7	Set 1
671		Concrete Temp =85°F	↓	↓	↓	147,620	5,220 (2)			7	
672		Air Temp =82°F	↓	↓	8/12/20				3500	28	
673		Air Content = 5.0%	↓	↓	↓				↓	28	
674	City Hall basement area west & east perimeter continuous wall footings	Slump=3.75"	7/17/20	7/15/20	7/22/20	148,270	5,240 (2)	1097		7	Set 2
675		Concrete Temp =87°F	↓	↓	↓	146,100	5,170 (2)			7	
676		Air Temp =83°F	↓	↓	8/12/20				3500	28	
677		Air Content = 5.3%	↓	↓	↓				↓	28	

TEST METHOD: Type Of Fracture ASTM C 39: (1) Cone; (2) Cone and Split; (3) Columnar; (4) Diagonal; (5) Side Fracture; and (6) Side Fracture – Pointed, Sampling C 172; Casting Cylinders: ASTM C 31; Slump: ASTM C 143; Air Content: ASTM C 231; Concrete Temperature: ASTM C 1064; Unbonded Compressive Strength ASTM C1231

BROKEN BY: Collin D. Gray
CHECKED BY: Michael Cassidy

MATERIAL DOES ☒ DOES NOT ☐
COMPLY WITH SPECIFICATIONS

SEECO Construction Services, Inc.
By: Collin W. Gray, S.E., P.E.