

Structural Engineering:



Date Issue

01.15.21 ISSUED FOR BID	
03.15.21 ADDENDUM 3	1
03.17.21 ADDENDUM 4	2

Project Title

550 Old Post Road
Bedford, NY 10506

Drawing Title

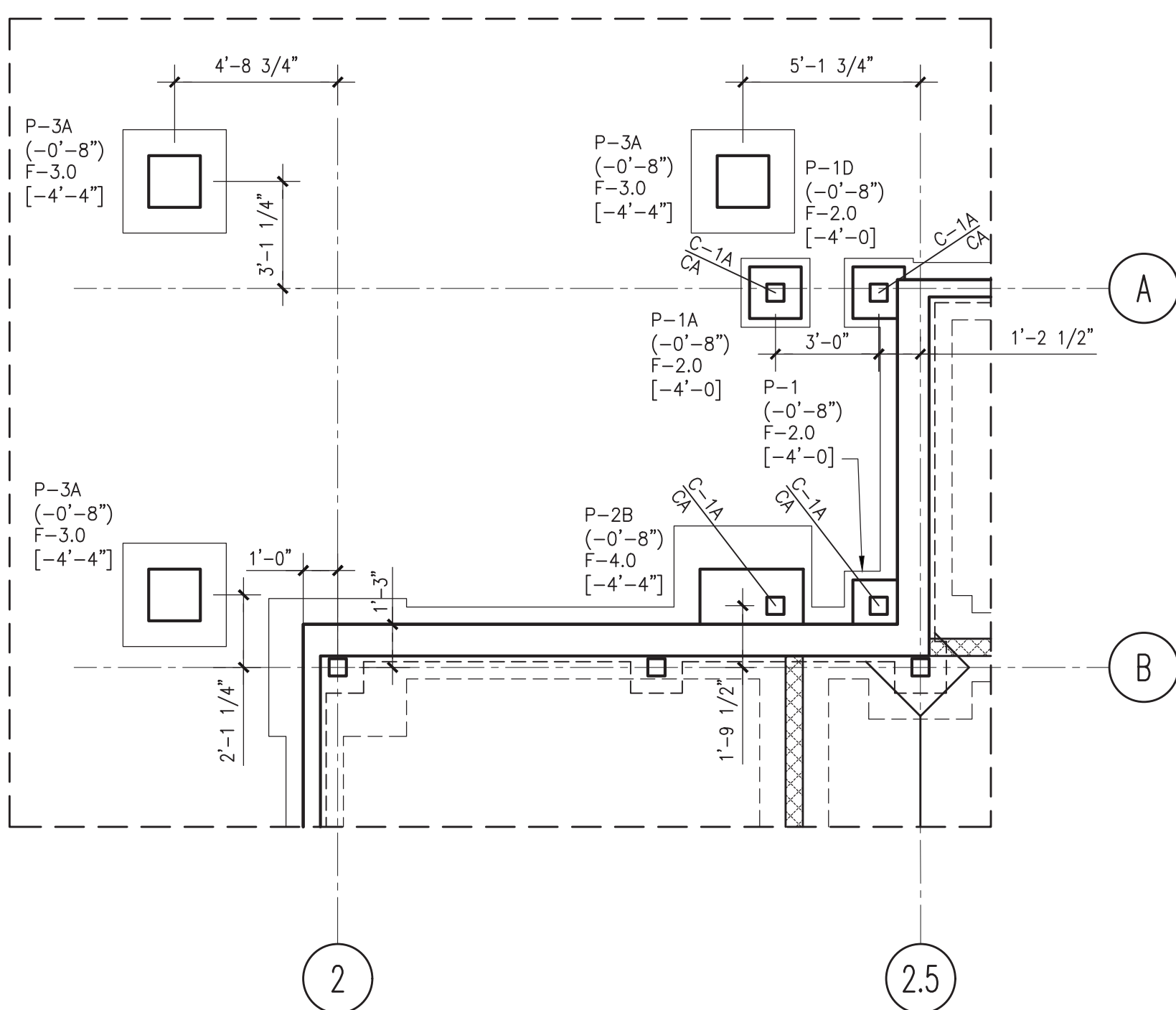
FOUNDATION AND
SLAB ON GRADE PLAN

Project No.	19105
Date	03-25-2020
Scale	AS NOTED
Drawing by	MAJ / JV

Checked by

Drawing No.

S1.0



FOUNDATION PART PLAN
1/4" = 1'-0"


- SEE BELOW FOR NOTES NOT REPEATED HERE.

FOUNDATION AND SLAB ON GRADE PLAN

$$\overline{1/8'' = 1'-0''}$$

- DO NOT SCALE THIS PLAN. SEE ARCH. FOR ALL DIMENSIONS AND ELEVATIONS.
- APPARATUS BAY CONCRETE SLAB ON GRADE CONSTRUCTION: 8" THICK CONCRETE SLAB, REINFORCED WITH #5 BARS EACH WAY AT 12" o.c. SEE SPECIFICATIONS FOR REQUIRED ADMIXTURES. SEE M3.1 FOR COORDINATION OF RADIANT FLOOR HEATING WORK.
- OFFICE AND EXTERIOR SLAB ON GRADE CONSTRUCTION: 5" CONCRETE SLAB ON GRADE, REINFORCED WITH 6x6=W1.4xW1.4 WELDED WIRE FABRIC.

LEGEND

-  INDICATES CMU SHEAR WALL, SEE "TYPICAL CONCRETE MASONRY WALL REINFORCEMENT DETAIL".
- "C#" INDICATES STEEL COLUMN ABOVE, SEE COLUMN SCHEDULE ON 1/S3.3.
- "CJ" INDICATES APPROXIMATE LOCATION OF CONTROL/CONSTRUCTION JOINTS IN SLABS ON GRADE. FOR DETAILS, SEE "TYPICAL SLAB ON GRADE DETAILS".
- P-## INDICATES PIER TYPE, SEE "PIER SCHEDULE AND PIER DETAILS".

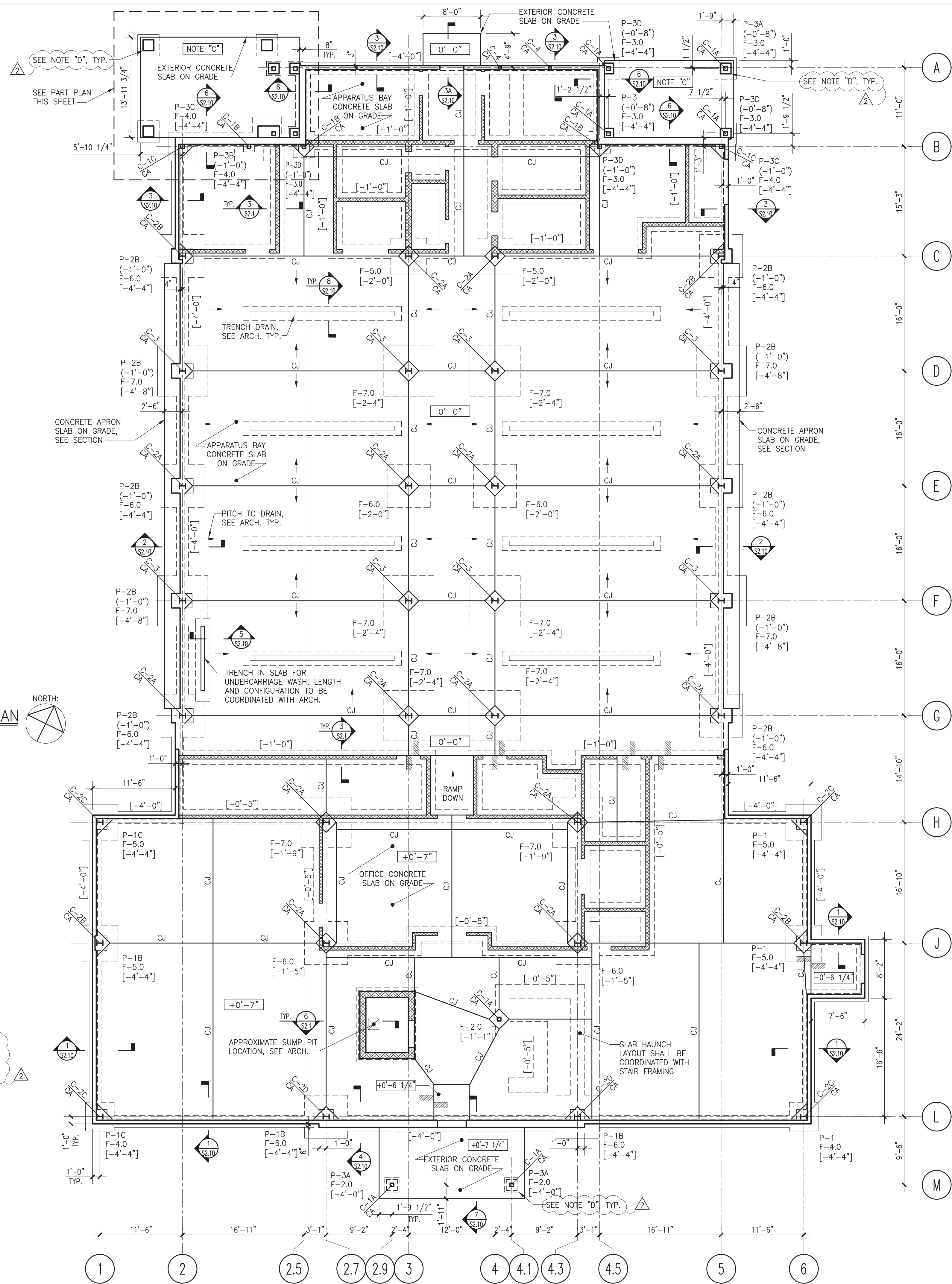
NOTE "C"
ELEVATION OF EXTERIOR SLAB ON GRADE SHALL MATCH ELEVATION OF
ADJACENT SIDEWALKS, SEE CIVL.

NOTE "D"
AT EACH CONCRETE PIER PROVIDE MIN. (2) #5 x 1'-6" DOWELS W/
STD. 90 DEGREE HOOK CENTERED IN EXTERIOR SLAB. DRILL AND EMBED
4" INTO CONCRETE PIER WITH HILTI HY-200 ADHESIVE.

FOOTING SCHEDULE					
(ALLOWABLE BEARING PRESSURE: 3000 PSF)					
MARK	PLAN SIZE		THICKNESS	BOTTOM REIN.	
	N-S	E-W		N-S	E-W
F-2.0	2'-0"	2'-0"	1'-0"	(3)-#5	(3)-#5
F-3.0	3'-0"	3'-0"	1'-4"	(4)-#5	(4)-#5
F-4.0	4'-0"	4'-0"	1'-4"	(5)-#5	(5)-#5
F-5.0	5'-0"	5'-0"	1'-4"	(6)-#5	(6)-#5
F-6.0	6'-0"	6'-0"	1'-4"	(7)-#5	(7)-#5
F-7.0	7'-0"	7'-0"	1'-8"	(10)-#5	(10)-#5
<u>NOTES:</u>					
1. REFER TO TYPICAL FOOTING DETAIL AND FOUNDATION NOTES IN USING THIS SCHEDULE.					

REFERENCE ELEVATION SCHEDULE

ITEM	DESCRIPTION	TOPO ELEV.	FROM PROJ. REF. ELEV. (U.O.N.)	FROM DRW. REF. ELEV. (U.O.N.)	SYMBOL FROM DWG. REF. ELEV.
PROJECT REF. ELEV.	T/APPARATUS BAY SLAB	376.0'	--	0'-0"	--
DRAWING REF. ELEV.	T/APPARATUS BAY SLAB	--	0'-0"	--	[±X'-XX"]
FRAMING ELEV.	T/ SLAB	--	--	SEE PLAN	[±X'-XX"]
	B/FOOTING	--	--	SEE PLAN	[±X'-XX"]
	T/PIER	--	--	-0'-1"	(±X'-XX")
	T/FND. WALL	--	--	SEE SECTION	(±X'-XX")



Owner: Bedford Village
Fire District
34 Village Green
Bedford, NY 10506

Structural Engineering:


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Date Issue

01.15.21 ISSUED FOR BID

03.15.21 APPENDUM 3

03.17.21 APPENDUM 4

Project Title

**Bedford
Fire
Headquarters**550 Old Post Road
Bedford, NY 10506

Drawing Title

**SECOND FLOOR AND
MEZZANINE FRAMING PLANS**

Project No. 19105

Date 03-25-2020

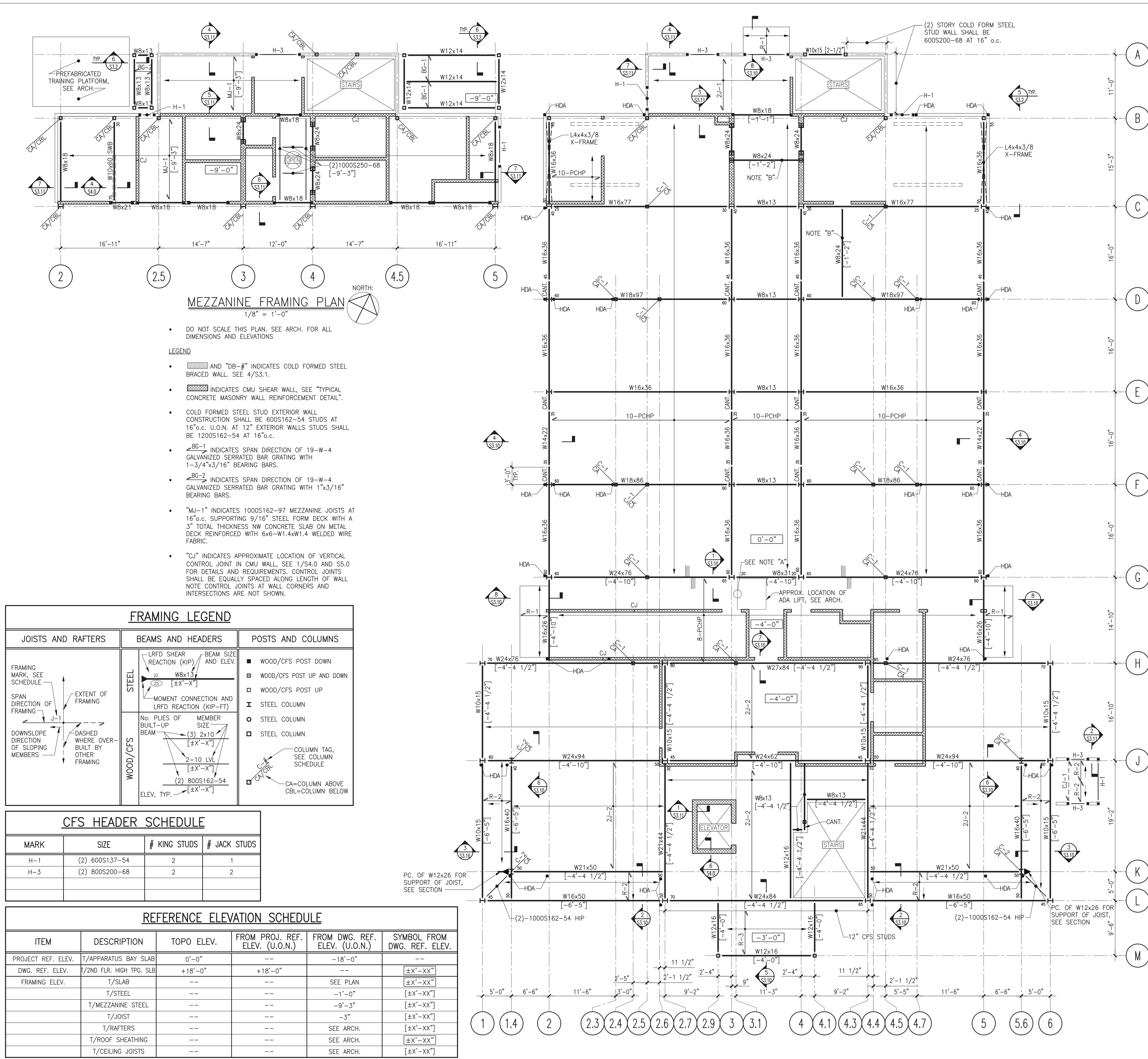
Scale AS NOTED

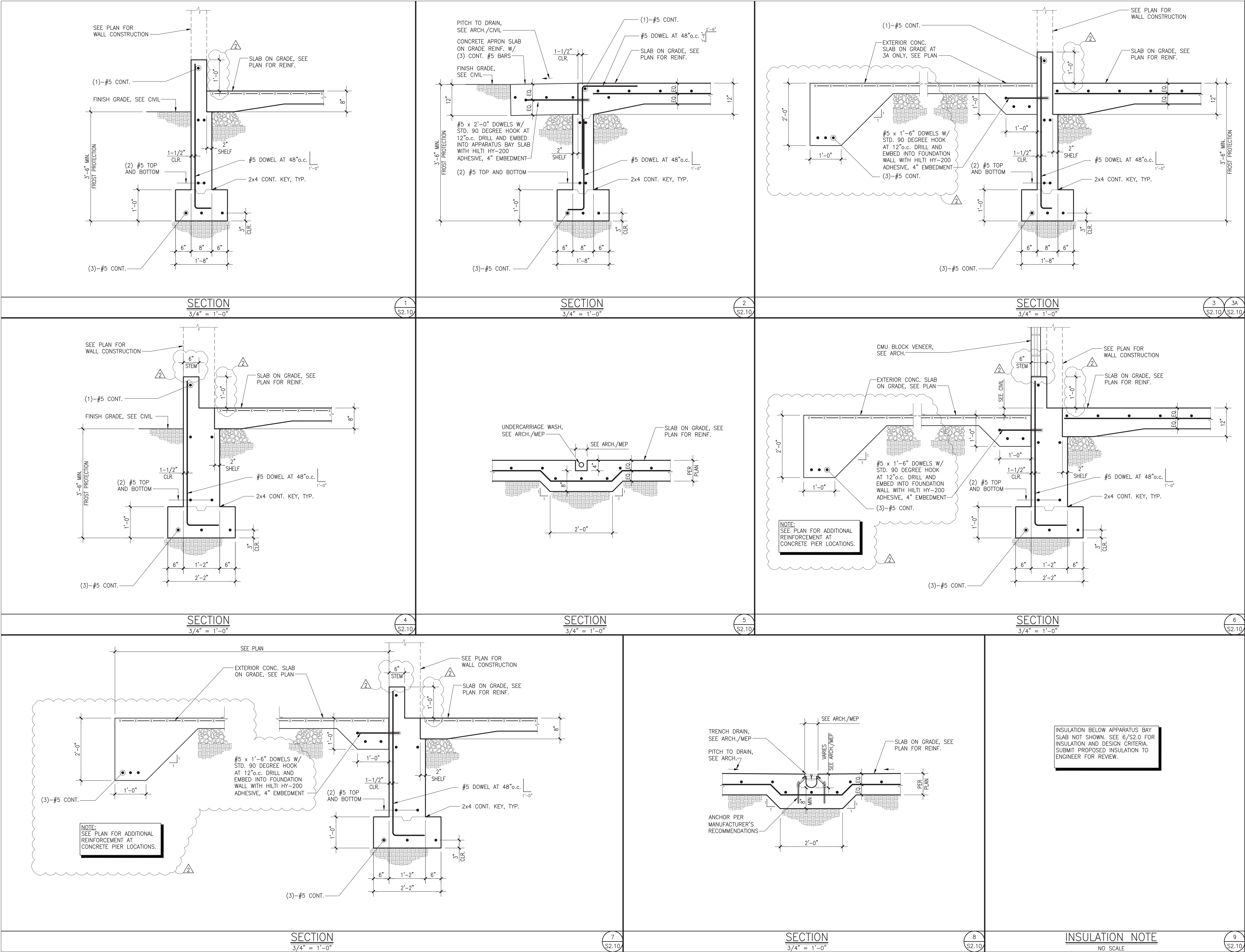
Drawing by MAJ / JV

Checked by PJC

Drawing No.

S1.1





Sullivan Architecture, P.C.

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03.15.21 APPENDUM 3

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Project Title

Bedford
Fire
Headquarters

550 Old Post Road
Bedford, NY 10506

Drawing Title

FOUNDATION SECTIONS

Project No.

19105

Date

03-25-2020

Scale

AS NOTED

Drawing by

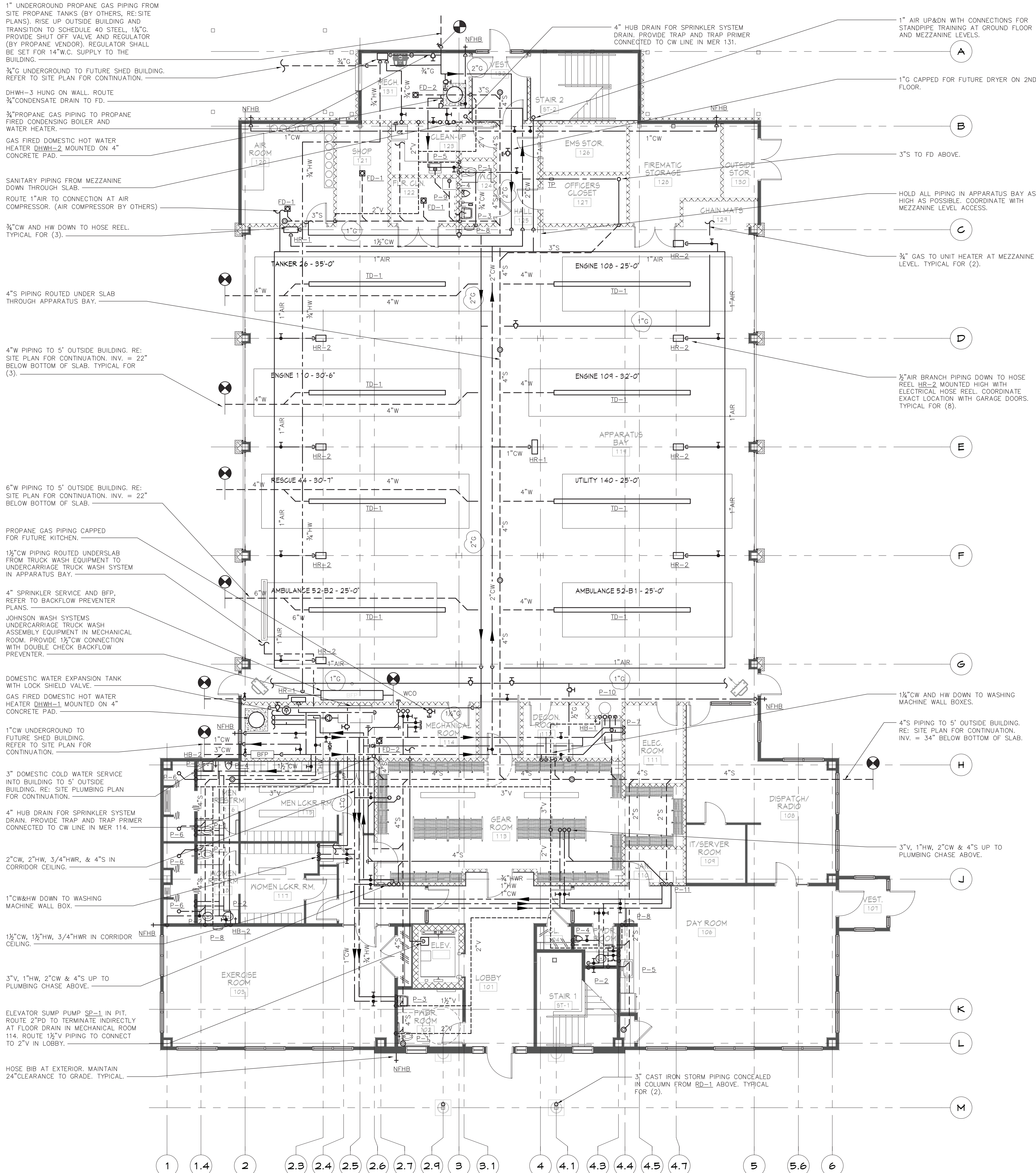
MAJ / JV

Checked by

PJC

Drawing No.

S2.10



1" UNDERGROUND PROPANE GAS PIPING FROM SITE PROPANE TANKS (BY OTHERS, RE: SITE PLANS). RISE UP OUTSIDE BUILDING AND TRANSITION TO SCHEDULE 40 STEEL, 1 1/4" G. PROVIDE SHUT OFF VALVE AND REGULATOR (BY PROPANE VENDOR). REGULATOR SHALL BE SET FOR 14" W.C. SUPPLY TO THE BUILDING.

3/4" G UNDERGROUND TO FUTURE SHED BUILDING. REFER TO SITE PLAN FOR CONTINUATION.

DHWH-3 HUNG ON WALL. ROUTE 3/4" CONDENSATE DRAIN TO FD.

3/4" PROPANE GAS PIPING TO PROPANE FIRED CONDENSING BOILER AND WATER HEATER.

GAS FIRED DOMESTIC HOT WATER HEATER DHWH-2 MOUNTED ON 4" CONCRETE PAD.

SANITARY PIPING FROM MEZZANINE DOWN THROUGH SLAB. ROUTE 1" AIR TO CONNECTION AT AIR COMPRESSOR. (AIR COMPRESSOR BY OTHERS)

3/4" CW AND HW DOWN TO HOSE REEL. TYPICAL FOR (3).

4" S PIPING ROUTED UNDER SLAB THROUGH APPARATUS BAY.

4" W PIPING TO 5' OUTSIDE BUILDING. RE: SITE PLAN FOR CONTINUATION. INV. = 22" BELOW BOTTOM OF SLAB. TYPICAL FOR (3).

6" W PIPING TO 5' OUTSIDE BUILDING. RE: SITE PLAN FOR CONTINUATION. INV. = 22" BELOW BOTTOM OF SLAB.

PROPANE GAS PIPING CAPPED FOR FUTURE KITCHEN.

1 1/2" CW PIPING ROUTED UNDERSLAB FROM TRUCK WASH EQUIPMENT TO UNDERCARRIAGE TRUCK WASH SYSTEM IN APPARATUS BAY.

4" SPRINKLER SERVICE AND BFP. REFER TO BACKFLOW PREVENTER PLANS.

JOHNSON WASH SYSTEMS UNDERCARRIAGE TRUCK WASH ASSEMBLY EQUIPMENT IN MECHANICAL ROOM. PROVIDE 1 1/2" CW CONNECTION WITH DOUBLE CHECK BACKFLOW PREVENTER.

DOMESTIC WATER EXPANSION TANK WITH LOCK SHIELD VALVE. GAS FIRED DOMESTIC HOT WATER HEATER DHWH-1 MOUNTED ON 4" CONCRETE PAD.

1" CW UNDERGROUND TO FUTURE SHED BUILDING. REFER TO SITE PLAN FOR CONTINUATION.

3" DOMESTIC COLD WATER SERVICE INTO BUILDING TO 5' OUTSIDE BUILDING. RE: SITE PLUMBING PLAN FOR CONTINUATION.

4" HUB DRAIN FOR SPRINKLER SYSTEM DRAIN. PROVIDE TRAP AND TRAP PRIMER CONNECTED TO CW LINE IN MER 114.

2" CW, 2" HW, 3/4" HWR, & 4" S IN CORRIDOR CEILING.

1" CW & HW DOWN TO WASHING MACHINE WALL BOX.

1 1/2" CW, 1 1/2" HW, 3/4" HWR IN CORRIDOR.

3" V, 1" HW, 2" CW & 4" S UP TO PLUMBING CHASE ABOVE.

ELEVATOR SUMP PUMP SP-1 IN PIT. ROUTE 2" PD TO TERMINATE INDIRECTLY AT FLOOR DRAIN IN MECHANICAL ROOM 114. ROUTE 1 1/2" V PIPING TO CONNECT TO 2" V IN LOBBY.

HOSE BIB AT EXTERIOR. MAINTAIN 24" CLEARANCE TO GRADE. TYPICAL.

4" HUB DRAIN FOR SPRINKLER SYSTEM DRAIN. PROVIDE TRAP AND TRAP PRIMER CONNECTED TO CW LINE IN MER 131.

1" AIR UP & DN WITH CONNECTIONS FOR STANDPIPE TRAINING AT GROUND FLOOR AND MEZZANINE LEVELS.

1" G CAPPED FOR FUTURE DRYER ON 2ND FLOOR.

3" S TO FD ABOVE.

HOLD ALL PIPING IN APPARATUS BAY AS HIGH AS POSSIBLE. COORDINATE WITH MEZZANINE LEVEL ACCESS.

3/4" GAS TO UNIT HEATER AT MEZZANINE LEVEL. TYPICAL FOR (2).

1/2" AIR BRANCH PIPING DOWN TO HOSE REEL HR-2 MOUNTED HIGH WITH ELECTRICAL HOSE REEL. COORDINATE EXACT LOCATION WITH GARAGE DOORS. TYPICAL FOR (8).

1 1/2" CW AND HW DOWN TO WASHING MACHINE WALL BOXES.

4" S PIPING TO 5' OUTSIDE BUILDING. RE: SITE PLAN FOR CONTINUATION. INV. = 34" BELOW BOTTOM OF SLAB.

3" V, 1" HW, 2" CW & 4" S UP TO PLUMBING CHASE ABOVE.

3" CAST IRON STORM PIPING CONCEALED IN COLUMN FROM RD-1 ABOVE. TYPICAL FOR (2).

1 PLUMBING FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

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Owner:

Bedford Village Fire District
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MEP Engineer:

OLA Consulting Engineers
50 Broadway, Hawthorne, NY 10532
8 West 58th St, Suite 501, New York, NY
Tel: 914-747-2800

Date Issue

03.10.20	MEETING
03.27.20	DESIGN DEVELOPMENT
05.07.20	PROGRESS
05.08.20	CD PROGRESS SET
05.28.20	CD PROGRESS SET
06.30.20	CD REVIEW SET
09.01.20	CONSTRUCTION PROGRESS
09.15.20	ICC SUBMISSION
01.15.21	ISSUED FOR BID
03.19.21	REVISED FOR ADDENDUM #4

Project Title

Bedford Fire Headquarters
550 Old Post Road
Bedford, NY 10506

Drawing Title

PLUMBING FIRST FLOOR PLAN

Project No.	NSPC0070.00
Date	03-21-20
Scale	AS NOTED
Drawing by	JRT

Checked by	JF/RS
Drawing No.	P2.1

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[illegible]

Project Title

Bedford Fire Headquarters

550 Old Post Road
Bedford, NY 10506

Drawing Title

PLUMBING GAS RISER DIAGRAM

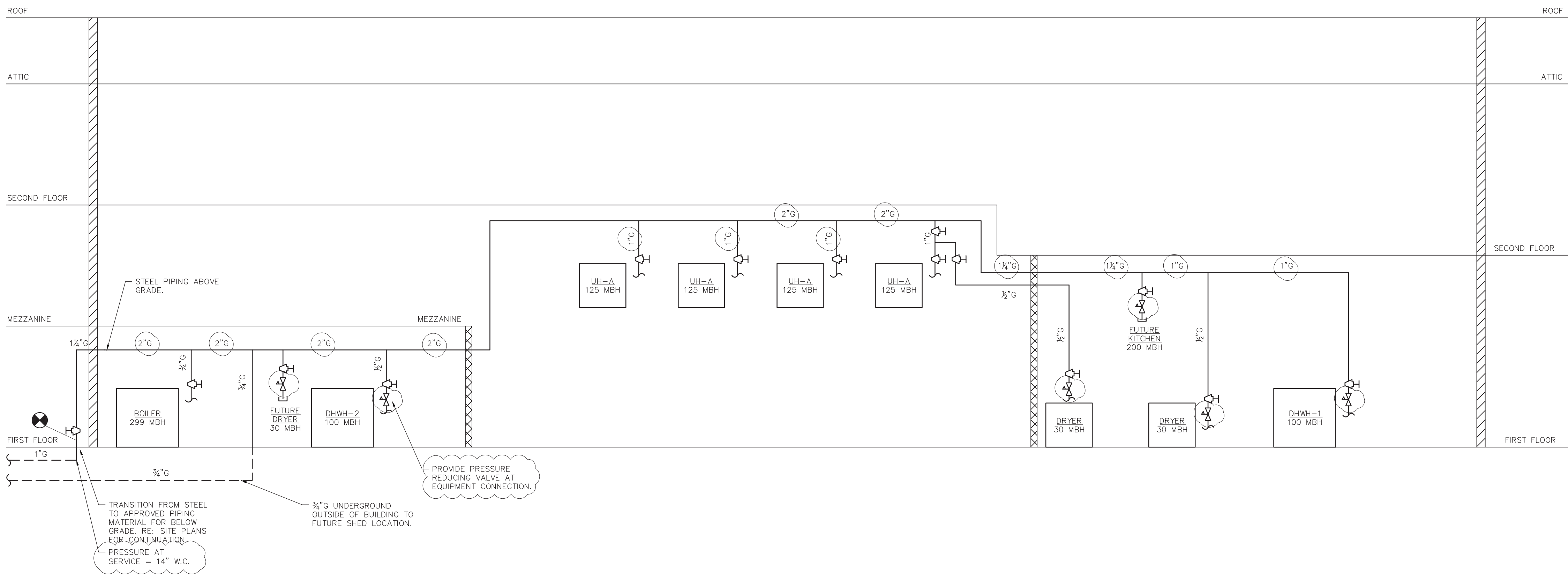
Project No.	NSPG0010.00
Date	03-27-20
Scale	AS NOTED
Drawing by	JRT

Checked by	JF/RS
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Drawing No.

P5.2



1 PLUMBING PROPANE GAS RISER DIAGRAM