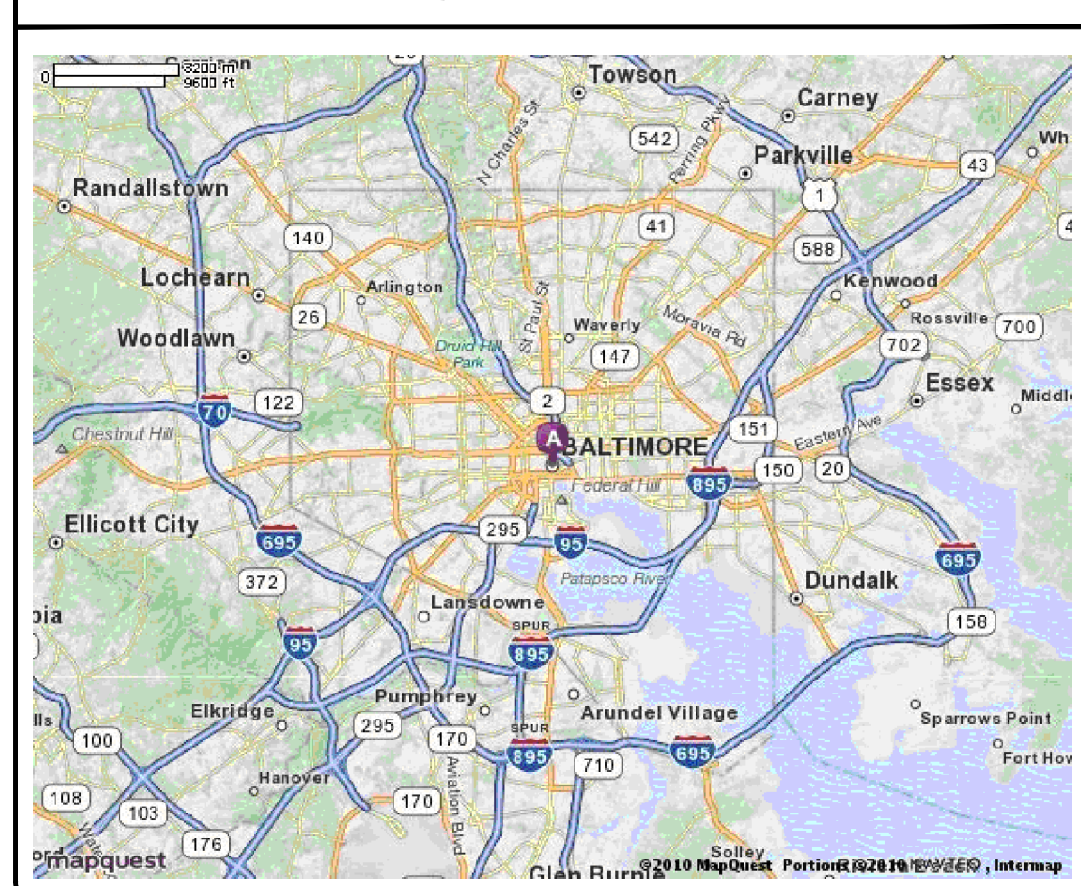


BALTIMORE Veterans Administration Medical Center

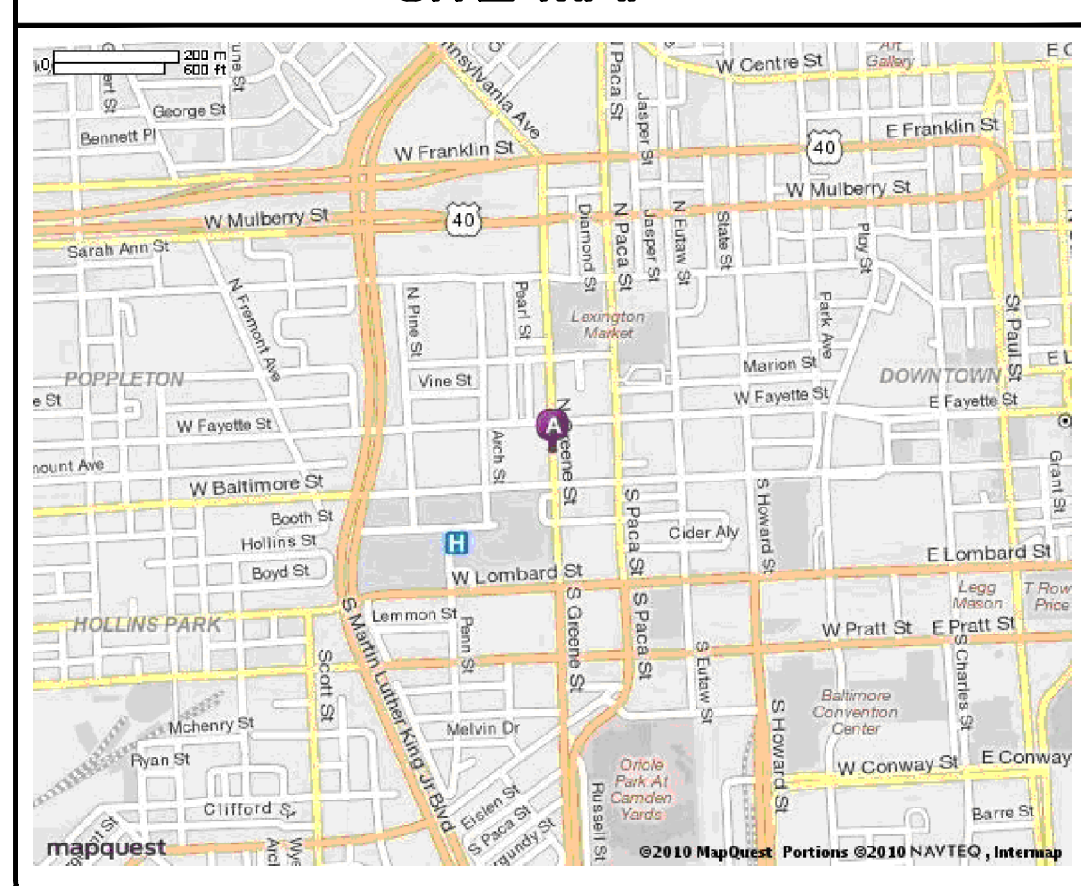
PROJECT NO: 512-12-106 PROJECT TITLE: STEAM TRAP REPLACEMENT & INSTALLATION OF NEW STEAM TRAP MONITORING SYSTEM 10 North Greene Street, Baltimore, MD. 21201.

100% Submission
October 31, 2013

VICINITY MAP



SITE MAP



GENERAL NOTES

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR SHALL VISIT THE JOBSITE AND VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO BIDDING OR UNDERTAKING ANY WORK.
2. CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER AND COTR OF ANY DIFFERENCES THAT MIGHT REQUIRE DESIGN MODIFICATIONS.
3. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION SCHEDULE ISSUES THROUGH THE VA-COTR.
4. ALL WORK SHALL NOT BE COVERED OR CONCEALED UNTIL IT HAS BEEN INSPECTED BY THE VA-COTR.
5. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION AND/OR STORAGE OF GOVERNMENT PROPERTY DESIGNATED TO REMAIN OR TO BE REMOVED AND REINSTALLED PER VA-COTR DIRECTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT ALL EXISTING BUILDING COMPONENTS AND FINISHES FROM DAMAGE. THE CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ANY AREAS OR FINISHES WHICH IS DAMAGED BY HIS WORK AT HIS OWN EXPENSE.
6. CONTRACTOR SHALL INSTALL TEMPORARY DUST PARTITIONS TO PROTECT ADJACENT AREAS THAT WILL REMAIN IN USE DURING CONSTRUCTION. DUST PARTITIONS SHALL BE NON-COMBUSTIBLE OR FIRE RETARDANT.
7. ANY WORK THAT REQUIRES TEMPORARY SHUT OFF OF POWER OR OTHER UTILITIES THAT COULD AFFECT ADJACENT AREAS SHALL BE AFTER NORMAL BUSINESS HOURS AND SHALL BE SCHEDULED WITHIN 2 WEEKS ADVANCE NOTICE. COORDINATE WITH THE VA-COTR.
8. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL ALL SUBMITTALS HAVE BEEN APPROVED BY THE VA.
9. ALL DIMENSIONS ARE SHOWN IN INCHES WITH/METRIC IN PARENTHESES.
10. ALL POWER INTERRUPTION WORK & WORK IN OCCUPIED SPACES TO BE DONE AFTER 4:30pm. MONDAY TO FRIDAY OR ON WEEKENDS.
11. FOR ANY PLANNED POWER INTERRUPTION, THE CONTRACTOR SHALL INFORM THE COTR AT LEAST 2 WEEKS IN ADVANCE OF WHICH CIRCUIT TRACED DEVICES WILL LOSE POWER AND FOR HOW LONG. REGARDING ALL OTHER AREAS NOT CIRCUIT TRACED, THE CONTRACTOR SHALL COPY THE EFFECTED PANEL SCHEDULES AND GET THE COPIES TO THE COTR AND ADVISE HOW LONG EACH WILL LOSE POWER AT LEAST 2 WEEKS IN ADVANCE OF PLANNED LOSS OF POWER.
12. PROVIDE TEMPORARY BARRIERS TO PROTECT PERSONS FROM DEMOLITION SITE HAZARDS, AND INJURY. MAINTAIN INDUSTRY STANDARDS AND FOLLOW OSHA AND VAMC GUIDELINES FOR SAFETY REGULATIONS.
13. THE CONTRACTOR SHALL COORDINATE WITH VA-POLICE DEPARTMENT AND OBTAIN APPROVAL BEFORE START THE CONSTRUCTION WORK ON THE PUBLIC ACCESS AREAS, P-1 LEVEL PARKING, AND SHALL BE COORDINATED WITH VAMC COTR.

GENERAL DEMOLITION NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF ALL MATERIAL, EQUIPMENT AND DEBRIS REMOVED FROM WORK AREA.
2. ALL DEMOLITION MUST BE COORDINATED WITH THE VA-COTR.
3. COMMON AND ADJACENT AREA FINISHES MUST BE PROTECTED WHILE DELIVERING OR REMOVING MATERIALS FROM THE WORK AREA.

SCOPE OF WORK - BASE BID

1. PROVIDE TOTAL OF 68 TRANSMITTERS - WIRELESS TYPE, RADIO FREQUENCY FOR STEAM TRAP MONITORING SYSTEMS.
2. PERFORM A FIELD SURVEY TO EVALUATE THE RADIO FREQUENCY SIGNAL STRENGTH.
3. PROVIDE REPEATERS AS REQUIRED FOR THE STEAM TRAP MONITORING SYSTEMS. THE REQUIRED NUMBER OF REPEATERS SHALL BE DETERMINED BY THE RF FIELD SURVEY, BY THE UNIT'S MANUFACTURER. THE INDICATED REPEATERS AND ITS LOCATION IN THE DRAWINGS ARE INDICATIVE PURPOSE ONLY.
4. PROVIDE GATEWAY MONITORING SYSTEMS AND TERMINAL COMPUTERS.
5. INSTALL SOFTWARE AND INTERFACE PERIPHERALS FOR A FULLY OPERATIONAL SYSTEMS.
6. INTERLOCK THE MONITORING SYSTEMS WITH THE BUILDING AUTOMATION SYSTEMS.
7. PROVIDE ACCESSORIES, CONTROL WIRING, ASSOCIATED UNIT SUPPORT, ETC.
8. REPLACE EXISTING STEAM TRAPS AS NOTED. MODIFY THE PIPING AND PROVIDE NEW PIPE INSULATION.

CODE REFERENCES

BUILDING CODES:
2009 VIRGINIA UNIFORM STATEWIDE BUILDING CODE.
2009 INTERNATIONAL BUILDING CODE.
2009 NFPA 101.
AIA GUIDELINES FOR HEALTHCARE CONSTRUCTION.

MECHANICAL CODE:
2009 INTERNATIONAL MECHANICAL CODE.

PLUMBING CODE:
2009 INTERNATIONAL PLUMBING CODE.

ELECTRICAL CODE:
2009 ICC ELECTRICAL CODE.
2008 NATIONAL ELECTRICAL CODE.

HANDICAPPED ACCESSIBILITY CODE:
2009 ICC / ANSI A117.1, ADA GUIDELINES.
2009 INTERNATIONAL ENERGY CONSERVATION CODE.

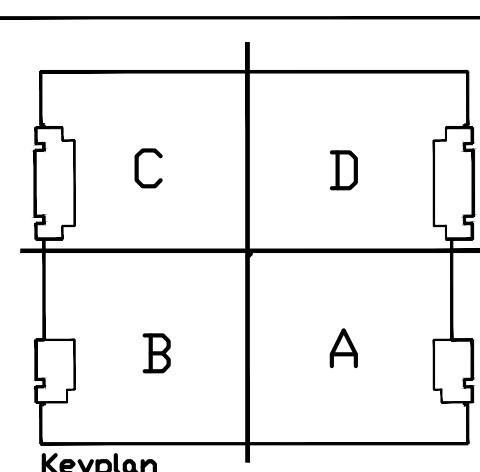
INDEX OF DRAWINGS

SHEET	DWG NO.	DRAWING TITLE
1.	CS-1	COVER SHEET
2.	1-MP1	NOTES, SYMBOLS & ABBREVIATIONS
3.	1-MP2	PARKING P1 AND P2 LEVEL-DEMOLITION & NEW WORK
4.	1-MP3	BASEMENT FLOOR-DEMOLITION & NEW WORK
5.	1-MP4	BASEMENT FLOOR-DEMOLITION & NEW WORK
6.	1-MP5	BASEMENT FLOOR-DEMOLITION & NEW WORK
7.	1-MP6	FIRST FLOOR-DEMOLITION & NEW WORK
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11.	1-MP10	FIFTH FLOOR-DEMOLITION & NEW WORK
12.	1-MP11	SIXTH FLOOR-DEMOLITION & NEW WORK
13.	1-MP12	SEVENTH FLOOR-DEMOLITION & NEW WORK
14.	1-MP13	SEVENTH FLOOR-DEMOLITION & NEW WORK
15.	1-MP14	SEVENTH FLOOR-DEMOLITION & NEW WORK
16.	1-MP15	FIRST FLOOR-INTERSTITIAL PLAN-DEMOLITION & NEW WORK
17.	1-MP16	SECOND FLOOR-INTERSTITIAL PLAN-DEMOLITION & NEW WORK
18.	1-MP17	THIRD FLOOR-INTERSTITIAL PLAN-DEMOLITION & NEW WORK
19.	1-MP18	FOURTH FLOOR-INTERSTITIAL PLAN-DEMOLITION & NEW WORK
20.	1-MP19	SCHEMATIC CONTROL DIAGRAMS AND DETAILS

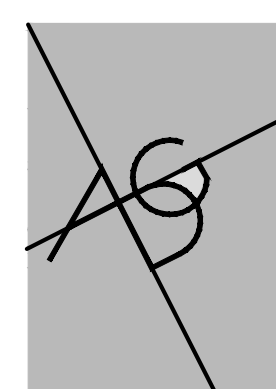
SIGNATURE LIST:

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Approved:

ADDENDUM # 1	01-03-14
100% SUBMISSION	10-31-13
100% SUBMISSION	10-31-13
95% SUBMISSION	09-20-13
50% SUBMISSION	08-30-13
Revisions	Date

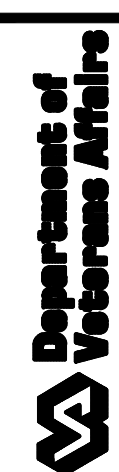


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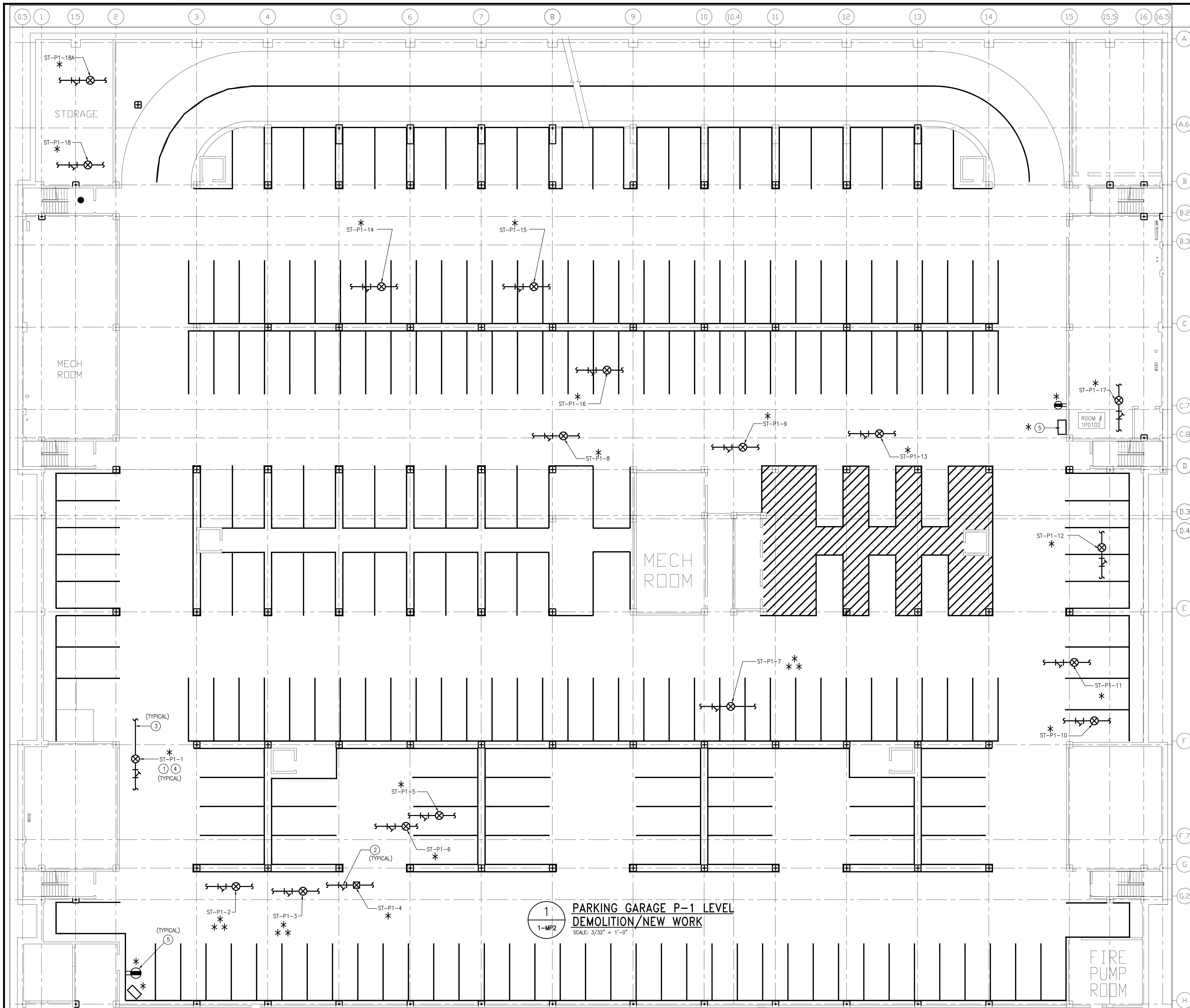


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Drawing Title COVER SHEET	Project Title STEAM TRAP REPLACEMENT & INSTALLATION OF NEW STEAM TRAP MONITORING SYSTEM	Date 10/31/13
Approved Project Director	Scale	Project No. 512-12-106
Checked	Building Number 1	DRAWING No. CS-1
	Location BALTIMORE, MD.	Dep. 1 OF 20



three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot



STEAM TRAP SCHEDULE						
SL. NO.	LOCATION	IDENTIFICATION NUMBER	STEAM TRAP TYPE	SIZE	STRAINER	SERVING
* 1	PARKING-P1 LEVEL	ST-P1-1	THERMODYNAMIC	1/2	YES	DRIP LEG
* 2	PARKING-P1 LEVEL	ST-P1-2	THERMODYNAMIC	1/2	YES	DRIP LEG
* 3	PARKING-P1 LEVEL	ST-P1-3	THERMODYNAMIC	1/2	YES	DRIP LEG
* 4	PARKING-P1 LEVEL	ST-P1-4	F & T	3/4	YES	DRIP LEG
* 5	PARKING-P1 LEVEL	ST-P1-5	THERMODYNAMIC	1/2	YES	DRIP LEG
* 6	PARKING-P1 LEVEL	ST-P1-6	THERMODYNAMIC	3/4	YES	DRIP LEG
* 7	PARKING-P1 LEVEL	ST-P1-7	THERMODYNAMIC	1/2	YES	DRIP LEG
* 8	PARKING-P1 LEVEL	ST-P1-8	THERMODYNAMIC	1/2	YES	DRIP LEG
* 9	PARKING-P1 LEVEL	ST-P1-9	THERMODYNAMIC	1/2	YES	HEAT EXCHANGER
* 10	PARKING-P1 LEVEL	ST-P1-10	THERMODYNAMIC	1/2	YES	DRIP LEG
* 11	PARKING-P1 LEVEL	ST-P1-11	THERMODYNAMIC	1/2	YES	HEAT EXCHANGER
* 12	PARKING-P1 LEVEL	ST-P1-12	THERMODYNAMIC	1/2	YES	DRIP LEG
* 13	PARKING-P1 LEVEL	ST-P1-13	THERMODYNAMIC	1/2	YES	DRIP LEG
* 14	PARKING-P1 LEVEL	ST-P1-14	THERMODYNAMIC	1/2	YES	DRIP LEG
* 15	PARKING-P1 LEVEL	ST-P1-15	THERMODYNAMIC	1/2	YES	DRIP LEG
* 16	PARKING-P1 LEVEL	ST-P1-16	THERMODYNAMIC	1/2	YES	DRIP LEG
* 17	PARKING-P1 LEVEL, ROOM # 1PD102	ST-P1-17	THERMODYNAMIC	1/2	YES	DRIP LEG
* 18,19	PARKING-P1 LEVEL, ROOM # 1PC103	ST-P1-18 & 18A	THERMODYNAMIC	1/2	YES	DRIP LEG
* 20	PARKING-P2 LEVEL	ST-P2-1	THERMODYNAMIC	1/2	YES	DRIP LEG

NOTE:
1. PROVIDE WIRELESS STEAM MONITORING SYSTEM. INSTALL RF TRANSMITTER AT EACH STEAM TRAP, ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL OF 18).

NOTE * THE ITEMS/SYSTEMS WHICH ARE IDENTIFIED BY THIS SYMBOL ARE IN THE SCOPE OF WORK FOR THIS PROJECT. THE ITEMS/SYSTEMS WHICH ARE NOT IDENTIFIED BY THIS SYMBOL WILL BE INSTALLED IN A SEPARATE CONTRACT, AND AS DIRECTED BY THE VAMC CONTRACTING OFFICER.

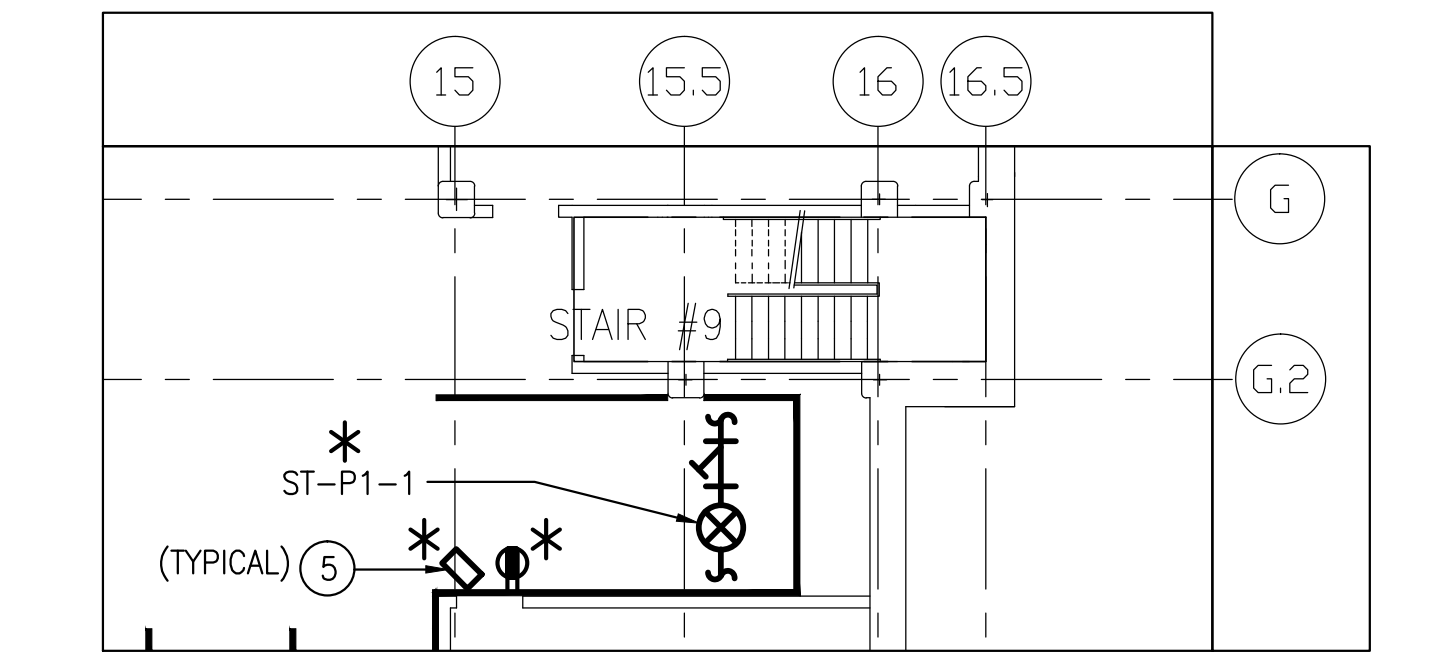
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DEMOLITION/NEW WORK-GENERAL NOTES

- CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS. PROVIDE ALL SYSTEMS IN COORDINATION WITH THE SITE CONDITIONS AS PART OF THIS CONTRACT. MAINTAIN CONTINUITY OF HVAC, PLUMBING AND ELECTRICAL SYSTEMS ETC.
- UNDER NO CIRCUMSTANCE SHALL THE WORK PERFORMED UNDER THIS CONTRACT ADVERSELY AFFECT ADJACENT AREAS, NOT PART OF THIS CONTRACT.
- MAINTAIN EXISTING SYSTEMS AS NECESSARY TO CONTINUE NORMAL OPERATIONS. ALL SERVICE INTERRUPTIONS SHALL BE AT OWNER'S CONVENIENCE. REQUESTS FOR SERVICE INTERRUPTIONS SHALL BE MADE A MINIMUM OF 14 DAYS PRIOR TO ANTICIPATED DATE.
- IF SUSPECTED ASBESTOS-CONTAINING MATERIALS ARE ENCOUNTERED IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL CEASE WORK WITH THE SUSPECT MATERIAL AND AWAIT DIRECTION FROM THE COTR.
- ALL DEMOLISHED EQUIPMENT AND RUBBISH SHALL BE CLEARED, TRANSPORTED AND DISPOSED OF IN A LAWFUL AND RESPONSIBLE MANNER.
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL REPEATERS AS REQUIRED, BASED ON THE MANUFACTURER'S RF STRENGTH FIELD SITE SURVEY. THE CONTRACTOR SHALL COORDINATE WITH EXISTING BUILDING'S RF SHIELDING EQUIPMENT AND OTHER MAGNETIC EQUIPMENT FREQUENCY INTERFERENCE. THE ENTIRE SYSTEMS SHALL BE INSTALLED BASED ON THE ACTUAL RF STRENGTH FIELD SURVEY, AND AS PER UNIT MANUFACTURER'S RECOMMENDATION FOR PROPER OPERATION.

KEYED NOTES-DEMOLITION/NEW WORK

- EXISTING STEAM TRAP (TYPICAL).
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- PROVIDE REPEATER, ARMSTRONG STEAM EYE II 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL).



PARTIAL PARKING GARAGE P-2 LEVEL DEMOLITION/NEW WORK FULLY SPRINKLERED

ADDENDUM # 1

100% SUBMISSION

100% SUBMISSION

95% SUBMISSION

50% SUBMISSION

Revisions

01-03-14

10-31-13

10-31-13

09-20-13

08-30-13

Date

C

D

B

A

Keyplan

AS

A DESIGN GROUP, LLC

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Drawing Title

PARKING, P1 AND P2 LEVEL - DEMOLITION AND NEW WORK

Approved Project Director

Checked

Project Title

STEAM TRAP REPLACEMENT & INSTALLATION OF NEW STEAM TRAP MONITORING SYSTEM

Building Number

1

Location

BALTIMORE, MD.

Date

10/31/13

Project No.

512-12-106

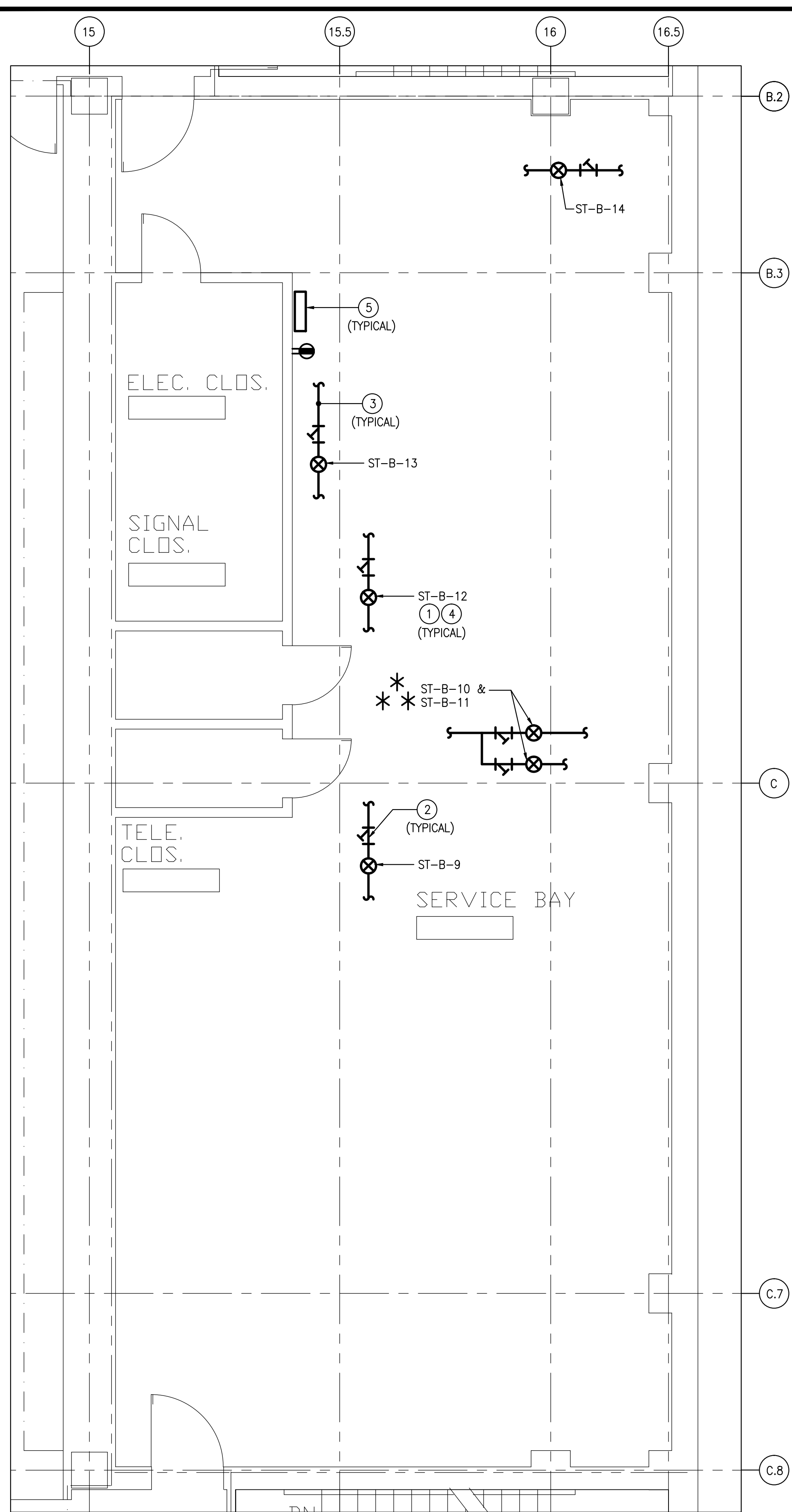
DRAWING No.

1-MP2

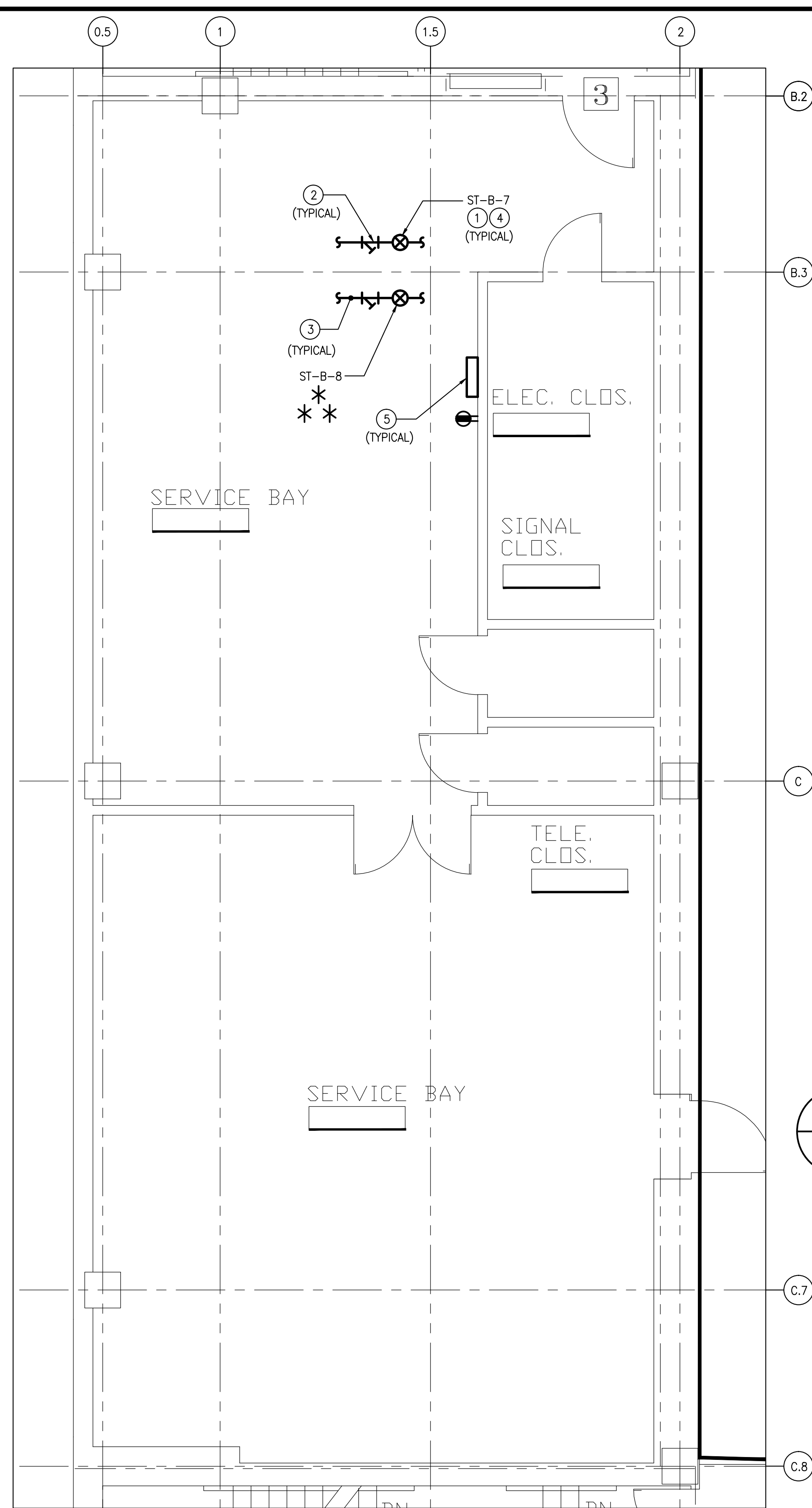
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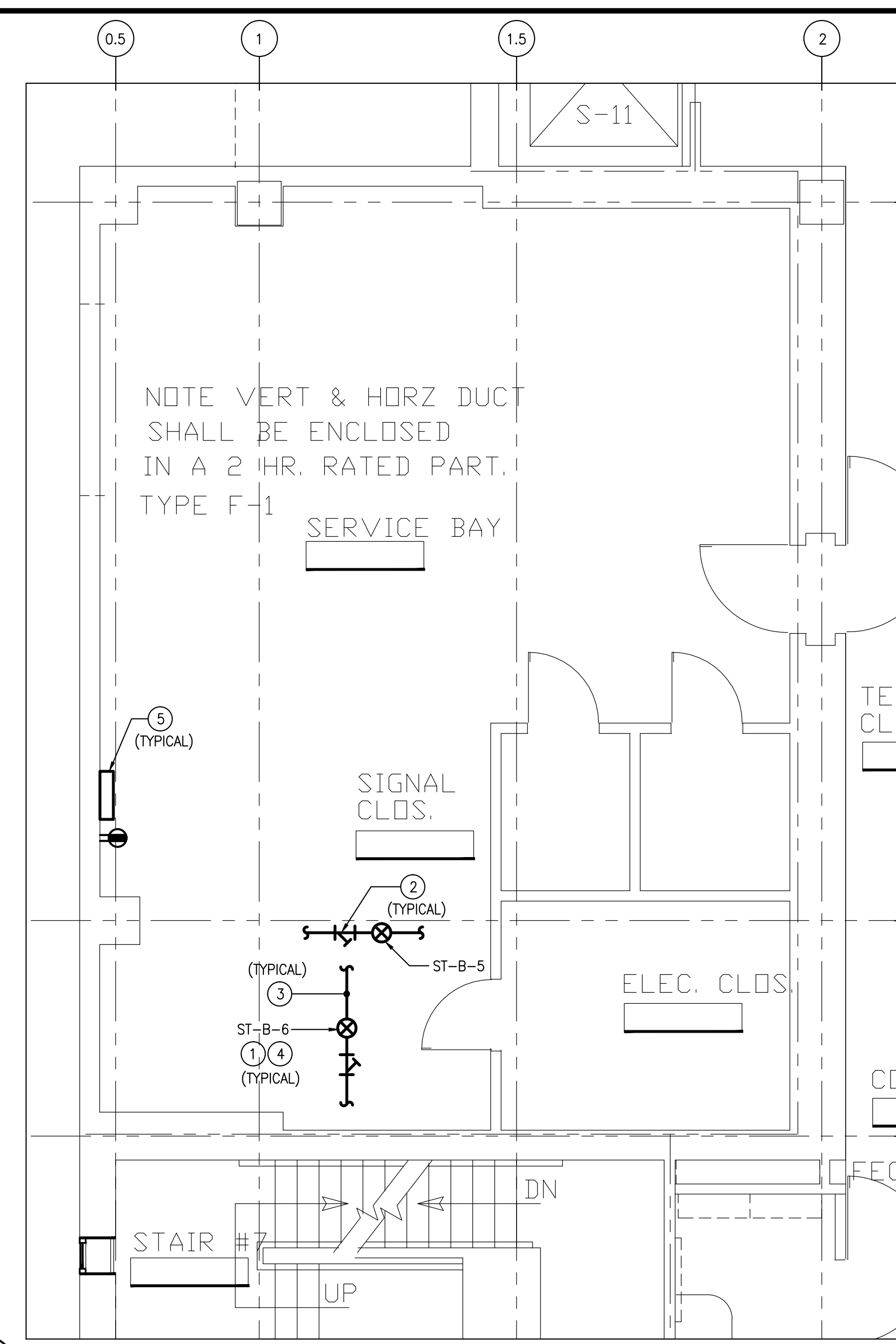
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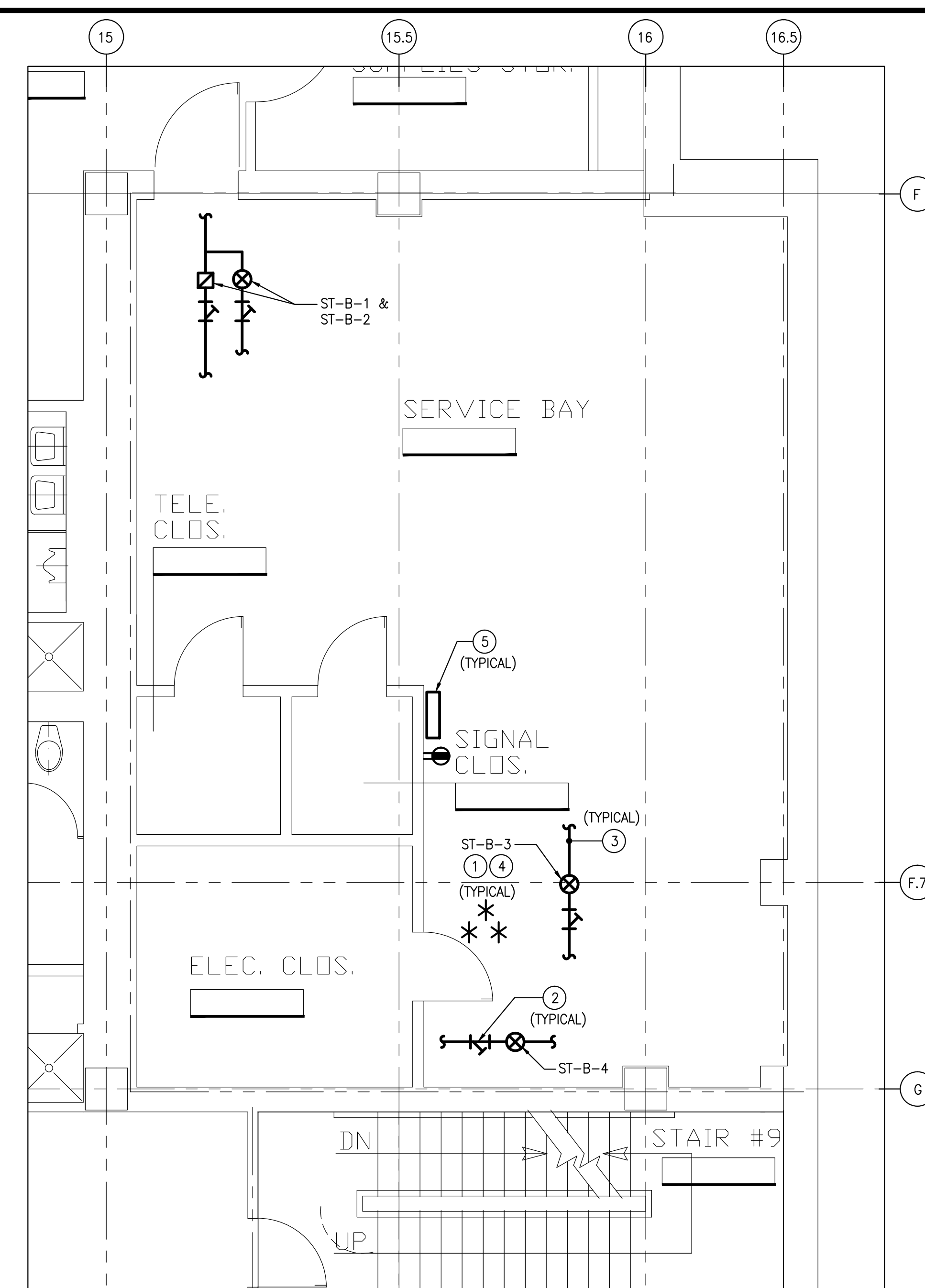
1 PART BASEMENT FLOOR PLAN-QUADRANT-D
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



2 PART BASEMENT FLOOR PLAN-QUADRANT-C
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



3 PART BASEMENT FLOOR PLAN-QUADRANT-B
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



4 PART BASEMENT FLOOR PLAN-QUADRANT-A
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"

TYPICAL DEMOLITION NOTES

FOR ALL ITEMS SCHEDULED FOR DEMOLITION, COORDINATE WITH OWNER'S REP. REGARDING WHICH ITEMS ARE TO BE PROTECTED, SALVAGED, AND/OR DISCARDED.

SCHEDULING & SEQUENCING OF THE WORK:
PRIOR TO COMMENCEMENT OF ANY WORK ON THE PROJECT, THE CONTRACTOR SHALL MEET WITH THE OWNER'S REP. & A REPRESENTATIVE OF THE "END USER" TO DISCUSS & FORMULATE A SCHEDULING & SEQUENCING OF THE WORK PLAN IN AN EFFORT TO MINIMIZE THE DISRUPTION OF ONGOING SERVICES & ACTIVITIES WITHIN THE AREAS OF THE WORK. BEFORE COMMENCEMENT OF THE WORK THE CONTRACTOR SHALL DEVELOP A WRITTEN PLAN OF SCHEDULING & SEQUENCING INDICATING TARGET DATES FOR CERTAIN PHASES ON THE WORK & ASSOCIATED SELECTIVE DEMOLITION PROVIDE COPIES TO CDIR APPROVAL.

ELECTRICAL COMPONENTS: COORDINATE REMOVAL OF ELECTRICAL SYSTEMS AND COMPONENTS WITH ELECTRICAL DRAWINGS. REMOVE ANY EXISTING WIRE MOLD. ALL CABLING TO RUN INSIDE WALLS.

MECHANICAL AND PLUMBING COMPONENTS: COORDINATE REMOVAL OF MECHANICAL AND PLUMBING SYSTEMS AND COMPONENTS WITH MECHANICAL DRAWINGS.

DEMOLITION/NEW WORK-GENERAL NOTES

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KEYED NOTES-DEMOLITION/NEW WORK

- EXISTING STEAM TRAP (TYPICAL).
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- EXISTING STEAM CONDENSATE RETURN PIPING (TYPICAL).
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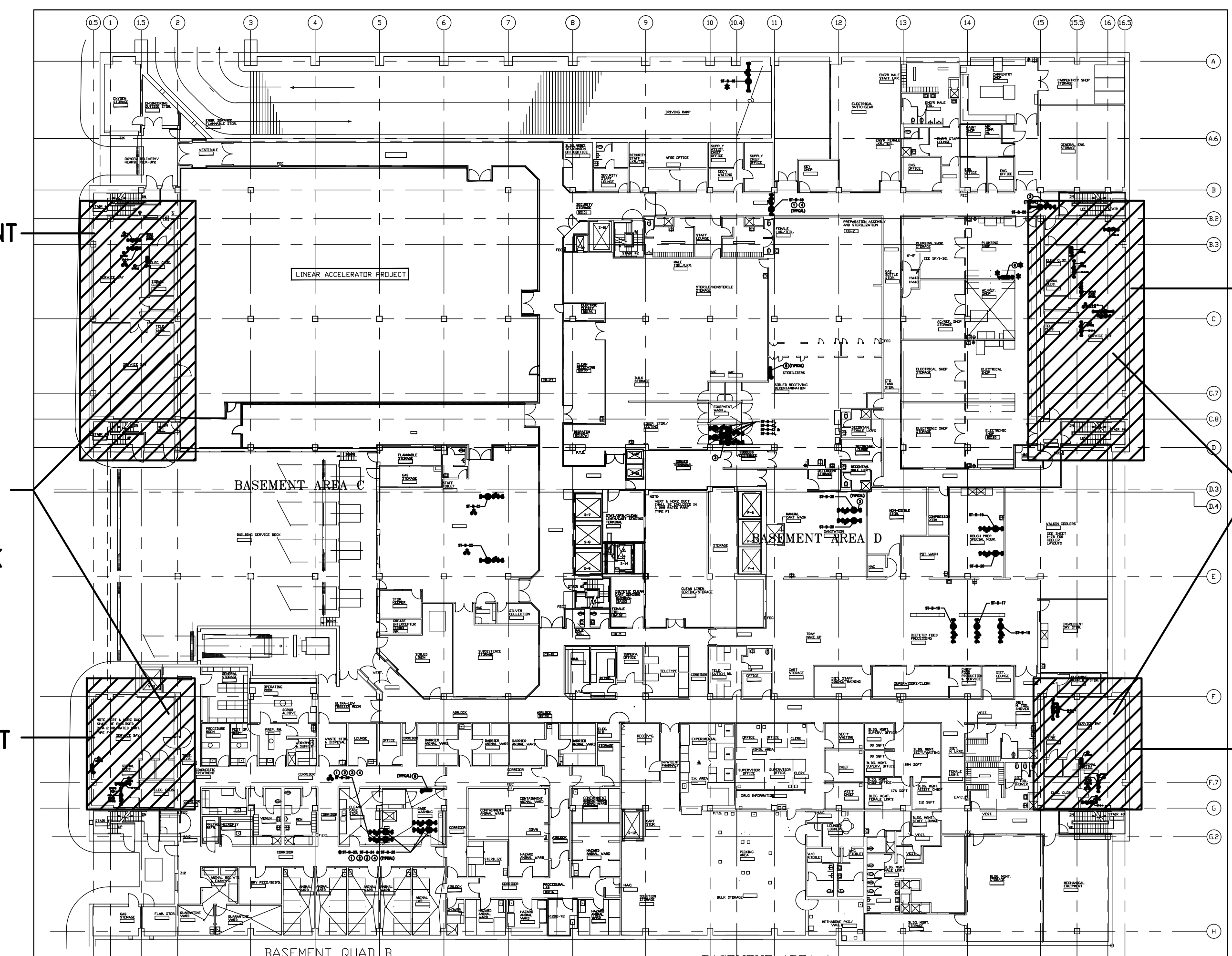
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STEAM TRAP SCHEDULE

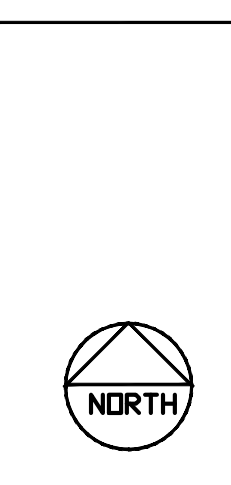
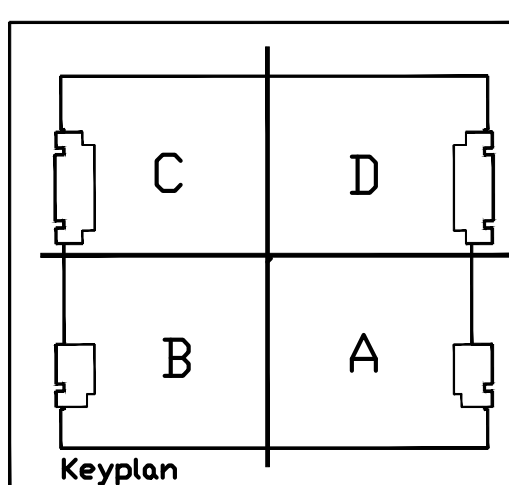
SL. NO.	LOCATION	IDENTIFICATION NUMBER	STEAM TRAP TYPE	SIZE	STRAINER	SERVING
1	SERVICE BAY, AREA-"A" - BA113	ST-B-1	THERMODYNAMIC	3/4	YES	HUMIDIFIER
2	SERVICE BAY, AREA-"A" - BA113	ST-B-2	BUCKET	3/4	YES	HUMIDIFIER
3	SERVICE BAY, AREA-"A" - BA113	ST-B-3	THERMODYNAMIC	1/2	YES	DRIP LEG
4	SERVICE BAY, AREA-"A" - BA113	ST-B-4	THERMODYNAMIC	1/2	YES	DRIP LEG
5	SERVICE BAY, AREA-"B" - BB137	ST-B-5	THERMODYNAMIC	1/2	YES	DRIP LEG
6	SERVICE BAY, AREA-"B" - BB137	ST-B-6	THERMODYNAMIC	1/2	YES	DRIP LEG
7	SERVICE BAY, AREA-"C" - BC101	ST-B-7	THERMODYNAMIC	1/2	YES	DRIP LEG
8	SERVICE BAY, AREA-"C" - 1C100	ST-B-8	THERMODYNAMIC	1/2	YES	DRIP LEG
9	SERVICE BAY, AREA-"D" - BD	ST-B-9	THERMODYNAMIC	1/2	YES	DRIP LEG
10	SERVICE BAY, AREA-"D" - BD	ST-B-10	THERMODYNAMIC	3/4	YES	HUMIDIFIER
11	SERVICE BAY, AREA-"D" - BD	ST-B-11	THERMODYNAMIC	3/4	YES	HUMIDIFIER
12	SERVICE BAY, AREA-"D" - BD	ST-B-12	THERMODYNAMIC	1/2	YES	DRIP LEG
13	SERVICE BAY, AREA-"D" - BD	ST-B-13	THERMODYNAMIC	1/2	YES	DRIP LEG
14	SERVICE BAY, AREA-"D" - BD	ST-B-14	THERMODYNAMIC	1/2	YES	DRIP LEG

NOTE:
1. PROVIDE WIRELESS STEAM MONITORING SYSTEM. INSTALL RF TRANSMITTER AT EACH STEAM TRAP. ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL OF 14).

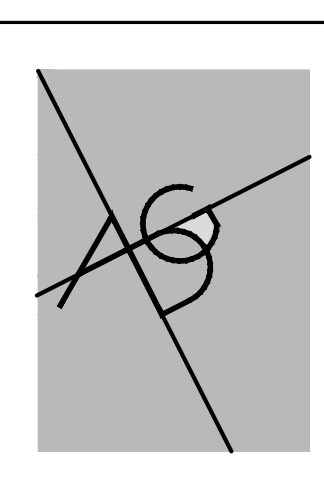


KEY PLAN - BASEMENT FLOOR PLAN
SCALE: 1/32" = 1'-0"

ADDENDUM # 1	01-03-14
100% SUBMISSION	10-31-13
100% SUBMISSION	10-31-13
95% SUBMISSION	09-20-13
50% SUBMISSION	08-30-13
Revisions	Date



Seal



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Drawing Title
BASEMENT FLOOR - DEMOLITION
AND NEW WORK

Approved Project Director

Scale

Checked

Project Title
STEAM TRAP REPLACEMENT &
INSTALLATION OF NEW STEAM
TRAP MONITORING SYSTEM

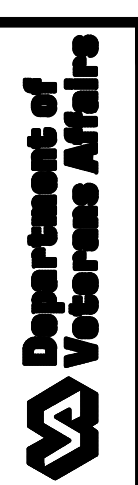
Building Number
1

Location
BALTIMORE, MD.

Date
10/31/13
Project No.
512-12-106

Drawing No.
1-MP3

Dep. 4 OF 20



STEAM TRAP SCHEDULE

SL. NO.	LOCATION	IDENTIFICATION NUMBER	STEAM TRAP TYPE	SIZE	STRAINER	SERVING
1		ST-B-15				NOT USED
2	DIETETIC FOOD PROCESSING - BA105	ST-B-16	THERMODYNAMIC	1/2	YES	KITCHEN EQUIPMENT
3	DIETETIC FOOD PROCESSING - BA105	ST-B-17	THERMODYNAMIC	1/2	YES	KITCHEN EQUIPMENT
4	DIETETIC FOOD PROCESSING - BA105	ST-B-18	THERMODYNAMIC	1/2	YES	KITCHEN EQUIPMENT
5	DISHWASHER SPACE - BA105H	ST-B-19	UNKNOWN	1/2	YES	DRIP LEG
6	DISHWASHER SPACE - BA105H	ST-B-20	UNKNOWN	1/2	YES	DRIP LEG
7	LOADING AND RECEIVING SPACE - BB100	ST-B-21	THERMODYNAMIC	3/4	YES	UNIT HEATER
8	LOADING AND RECEIVING SPACE - BB100	ST-B-22	THERMODYNAMIC	1/2	YES	UNIT HEATER
9	SANITATION ROOM - DISHWASHER - BA105	ST-B-35	THERMODYNAMIC	3/4	YES	HUMIDIFIER
10		ST-B-36				
11		ST-B-37				
12		ST-B-38				
13		ST-B-39				
14		ST-B-40				
15	EQUIPMENT WASHER - CB2	ST-B-41	THERMODYNAMIC	1	YES	EQUIPMENT WASHER
16	EQUIPMENT WASHER - CB2	ST-B-42	THERMODYNAMIC	3/4	YES	EQUIPMENT WASHER
17	EQUIPMENT WASHER - CB2	ST-B-43	THERMODYNAMIC	1/2	YES	EQUIPMENT WASHER
18	EQUIPMENT WASHER - CB2	ST-B-44	F & T	3/4	YES	EQUIPMENT WASHER
19		ST-B-45				
20		ST-B-46				
21		ST-B-47				
22	DRIVING RAMP	ST-B-48	THERMODYNAMIC	1/2	YES	UNIT HEATER
23	BASEMENT CEILING NEAR SERVICE BAY - "D"	ST-B-49	BUCKET	1/2	YES	UNIT HEATER
24	BASEMENT CEILING - NEAR SERVICE BAY - "CB"	ST-B-50	THERMODYNAMIC	1/2	YES	DRIP LEG

NOTE:

1. PROVIDE WIRELESS STEAM MONITORING SYSTEM. INSTALL RF TRANSMITTER AT EACH STEAM TRAP. ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION. THE CONTRACTOR SHALL INSTALL A SIGNS AT THE STEAM TRAP LOCATIONS (TYPICAL OF 24).
2. THE CONTRACTOR SHALL FIELD COORDINATE FOR THE PROPER LOCATION OF RF TRANSMITTER INSTALLATION WITH EXISTING EQUIPMENT OF GAUGE WASHERS, DIETETIC FOOD PROCESSORS, DISHWASHER, STERILIZER AND KITCHEN EQUIPMENT'S STEAM PIPING AND ITS ACCESSORIES, ETC. INSTALL THE RF TRANSMITTER AS PER MANUFACTURER'S RECOMMENDATIONS. MODIFY EXISTING STEAM PIPING/ACCESSORIES AS REQUIRED TO ACCOMMODATE NEW RF TRANSMITTERS. NEW PIPE SIZE AND MATERIALS SHALL MATCH EXISTING. PROVIDE PIPE INSULATION AS REQUIRED.

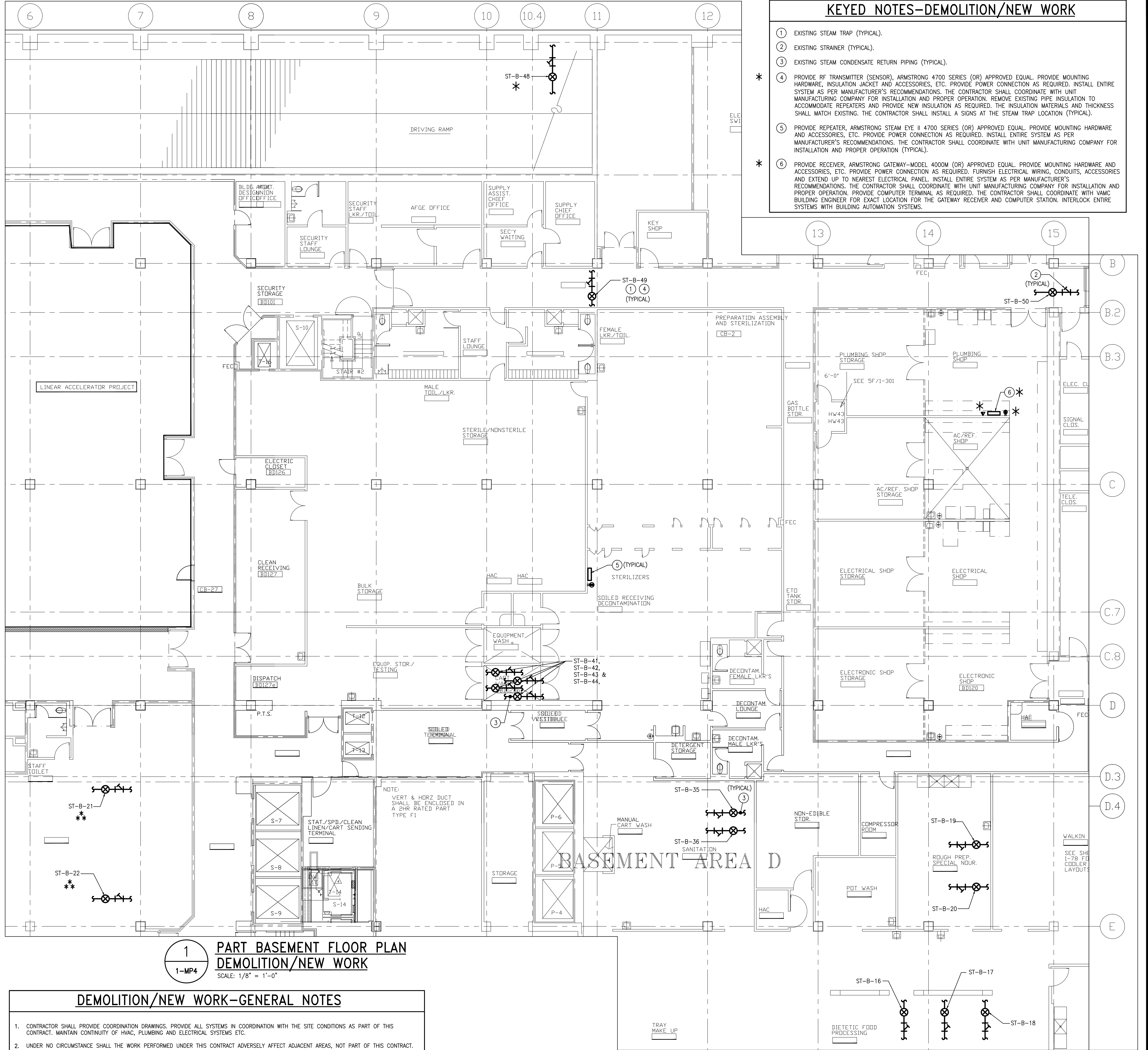
LOCATED AT P-1 LEVEL DRIVING RAMP CEILING SPACE.

NOTE * THE ITEMS/SYSTEMS WHICH ARE IDENTIFIED BY THIS SYMBOL ARE IN THE SCOPE OF WORK FOR THIS PROJECT. THE ITEMS/SYSTEMS WHICH ARE NOT IDENTIFIED BY THIS SYMBOL WILL BE INSTALLED IN A SEPARATE CONTRACT, AND AS DIRECTED BY THE VAMC CONTRACTING OFFICER.

** EXISTING STEAM TRAPS SHALL BE REPLACED WITH NEW. THE NEW STEAM TRAPS TYPE, SIZE AND MATERIALS SHALL MATCH EXISTING. INSTALL THE UNIT AS PER MANUFACTURER RECOMMENDATIONS. THE CONTRACTOR SHALL FIELD VERIFY FOR PROPER INSTALLATION. MODIFY/PROVIDE ADDITIONAL PIPING AND INSULATION AS REQUIRED.

KEYED NOTES-DEMOLITION/NEW WORK

- 1 EXISTING STEAM TRAP (TYPICAL).
- 2 EXISTING STRAINER (TYPICAL).
- 3 EXISTING STEAM CONDENSATE RETURN PIPING (TYPICAL).
- * 4 PROVIDE RF TRANSMITTER (SENSOR), ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION. REMOVE EXISTING PIPE INSULATION TO ACCOMMODATE REPEATERS AND PROVIDE NEW INSULATION AS REQUIRED. THE INSULATION MATERIALS AND THICKNESS SHALL MATCH EXISTING. THE CONTRACTOR SHALL INSTALL A SIGNS AT THE STEAM TRAP LOCATION (TYPICAL).
- 5 PROVIDE REPEATER, ARMSTRONG STEAM EYE I 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL).
- * 6 PROVIDE RECEIVER, ARMSTRONG GATEWAY-MODEL 4000M (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. FURNISH ELECTRICAL WIRING, CONDUITS, ACCESSORIES AND EXTEND UP TO NEAREST ELECTRICAL PANEL. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION. PROVIDE COMPUTER TERMINAL AS REQUIRED. THE CONTRACTOR SHALL COORDINATE WITH VAMC BUILDING ENGINEER FOR EXACT LOCATION FOR THE GATEWAY RECEIVER AND COMPUTER STATION. INTERLOCK ENTIRE SYSTEMS WITH BUILDING AUTOMATION SYSTEMS.



DEMOLITION/NEW WORK-GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS. PROVIDE ALL SYSTEMS IN COORDINATION WITH THE SITE CONDITIONS AS PART OF THIS CONTRACT. MAINTAIN CONTINUITY OF HVAC, PLUMBING AND ELECTRICAL SYSTEMS ETC.
2. UNDER NO CIRCUMSTANCE SHALL THE WORK PERFORMED UNDER THIS CONTRACT ADVERSELY AFFECT ADJACENT AREAS, NOT PART OF THIS CONTRACT.
3. MAINTAIN EXISTING SYSTEMS AS NECESSARY TO CONTINUE NORMAL OPERATIONS. ALL SERVICE INTERRUPTIONS SHALL BE AT OWNER'S CONVENIENCE. REQUESTS FOR SERVICE INTERRUPTIONS SHALL BE MADE A MINIMUM OF 14 DAYS PRIOR TO ANTICIPATED DATE.
4. IF SUSPECTED ASBESTOS-CONTAINING MATERIALS ARE ENCOUNTERED IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL CEASE WORK WITH THE SUSPECT MATERIAL AND AVOID DIRECTION FROM THE COTR.
5. ALL DEMOLISHED EQUIPMENT AND RUBBISH SHALL BE CLEARED, TRANSPORTED AND DISPOSED OF IN A LAWFUL AND RESPONSIBLE MANNER.
6. THE CONTRACTOR SHALL PROVIDE ADDITIONAL REPEATERS AS REQUIRED, BASED ON THE MANUFACTURER'S RF STRENGTH FIELD SITE SURVEY. THE CONTRACTOR SHALL COORDINATE WITH EXISTING BUILDING'S RF SHIELDING EQUIPMENT AND OTHER MAGNETIC EQUIPMENT FREQUENCY INTERFERENCE. THE ENTIRE SYSTEMS SHALL BE INSTALLED BASED ON THE ACTUAL RF STRENGTH FIELD SURVEY, AND AS PER UNIT MANUFACTURER'S RECOMMENDATION FOR PROPER OPERATION.

TYPICAL DEMOLITION NOTES

FOR ALL ITEMS SCHEDULED FOR DEMOLITION, COORDINATE WITH OWNER'S REP. REGARDING WHICH ITEMS ARE TO BE PROTECTED, SALVAGED, AND/OR DISCARDED.

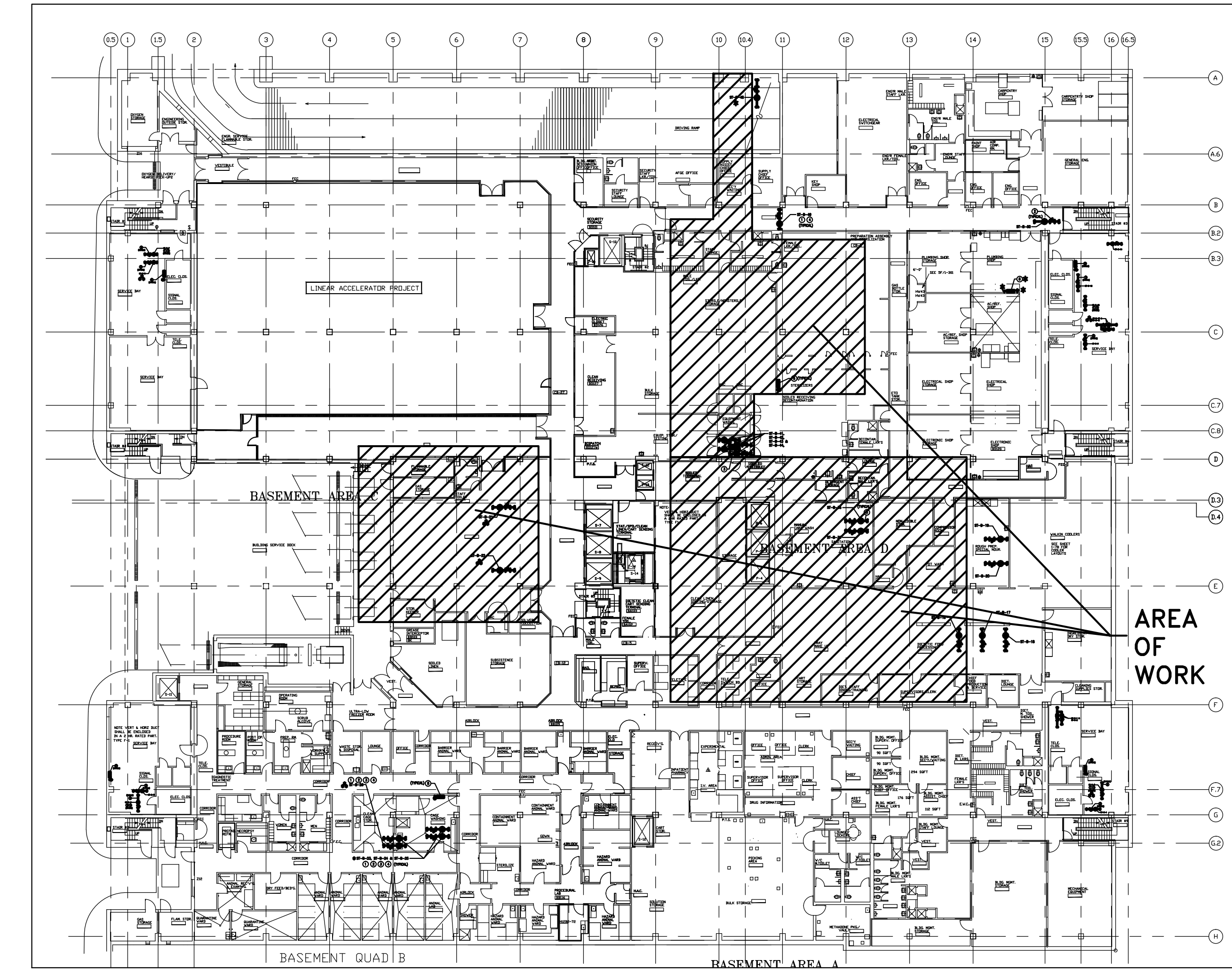
SCHEDULING & SEQUENCING OF THE WORK:

PRIOR TO COMMENCEMENT OF ANY WORK ON THE PROJECT, THE CONTRACTOR SHALL MEET WITH THE OWNER'S REP. & A REPRESENTATIVE OF THE "END USER" TO DISCUSS & FORMULATE A SCHEDULING & SEQUENCING OF THE WORK PLAN IN AN EFFORT TO MINIMIZE THE DISRUPTION OF ONGOING SERVICES & ACTIVITIES WITHIN THE AREAS OF THE WORK. BEFORE COMMENCEMENT OF THE WORK THE CONTRACTOR SHALL DEVELOP A WRITTEN PLAN OF SCHEDULING & SEQUENCING INDICATING TARGET DATES FOR CERTAIN PHASES ON THE WORK & ASSOCIATED SELECTIVE DEMOLITION PROVIDE COPIES TO APPROVAL.

ELECTRICAL COMPONENTS: COORDINATE REMOVAL OF ELECTRICAL SYSTEMS AND COMPONENTS WITH ELECTRICAL DRAWINGS. REMOVE ANY EXISTING WIRE MOLD. ALL CABLE TO RUN INSIDE WALLS.

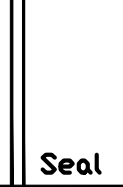
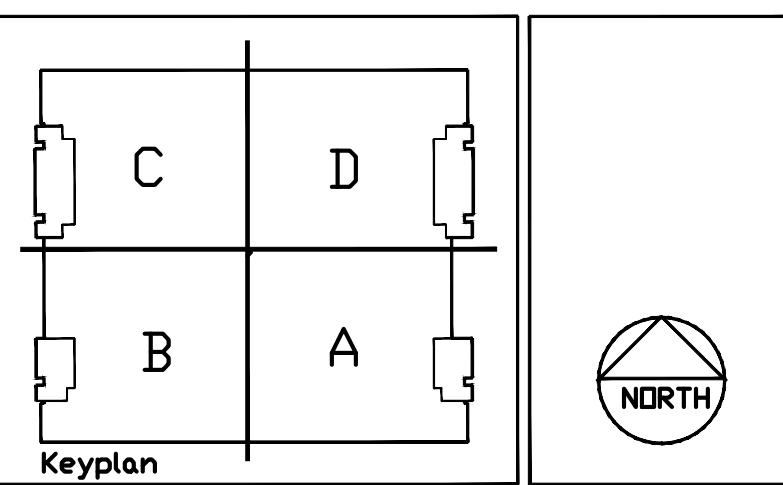
MECHANICAL AND PLUMBING COMPONENTS: COORDINATE REMOVAL OF MECHANICAL AND PLUMBING SYSTEMS AND COMPONENTS WITH MECHANICAL DRAWINGS.

FULLY SPRINKLERED



KEY PLAN - BASEMENT FLOOR PLAN

ADDENDUM # 1	01-03-14
100% SUBMISSION	10-31-13
100% SUBMISSION	10-31-13
95% SUBMISSION	09-20-13
50% SUBMISSION	08-30-13
Revisions	Date

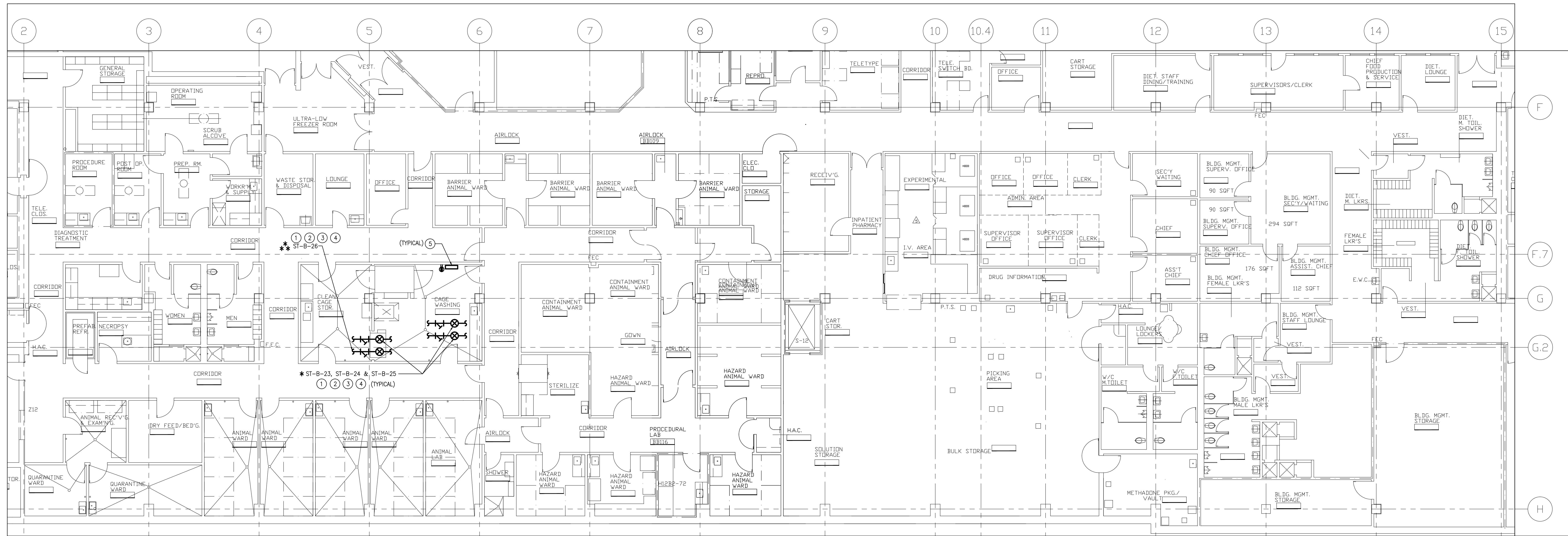


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PHONE: 703.936.5626

Drawing Title
BASEMENT FLOOR - DEMOLITION AND NEW WORK
Approved Project Director
1

Project Title
STEAM TRAP REPLACEMENT & INSTALLATION OF NEW STEAM TRAP MONITORING SYSTEM
Building Number
1
Location
BALTIMORE, MD.

Date
10/31/13
Project No.
512-12-106
DRAWING No.
1-MP4
Dep. 5 OF 20



1 PARTIAL BASEMENT FLOOR PLAN
DEMOLITION/NEW WORK
SCALE: 1/8" = 1'-0"

DEMOLITION/NEW WORK-GENERAL NOTES

- CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS. PROVIDE ALL SYSTEMS IN COORDINATION WITH THE SITE CONDITIONS AS PART OF THIS CONTRACT. MAINTAIN CONTINUITY OF HVAC, PLUMBING AND ELECTRICAL SYSTEMS, ETC.
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- ALL DEMOLISHED EQUIPMENT AND RUBBISH SHALL BE CLEARED, TRANSPORTED AND DISPOSED OF IN A LAWFUL AND RESPONSIBLE MANNER.
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL REPEATERS AS REQUIRED, BASED ON THE MANUFACTURER'S RF STRENGTH FIELD SITE SURVEY. THE CONTRACTOR SHALL COORDINATE WITH EXISTING BUILDING'S RF SHIELDING EQUIPMENT AND OTHER MAGNETIC EQUIPMENT FREQUENCY INTERFERENCE. THE ENTIRE SYSTEM SHALL BE INSTALLED BASED ON THE ACTUAL RF STRENGTH FIELD SURVEY, AND AS PER UNIT MANUFACTURER'S RECOMMENDATION FOR PROPER OPERATION.

KEYED NOTES-DEMOLITION/NEW WORK

- EXISTING STEAM TRAP (TYPICAL).
- EXISTING STRAINER (TYPICAL).
- EXISTING STEAM CONDENSATE RETURN PIPING (TYPICAL).
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- PROVIDE REPEATER, ARMSTRONG STEAM EYE II 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL).

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STEAM TRAP SCHEDULE

SL. NO.	LOCATION	IDENTIFICATION NUMBER	STEAM TRAP TYPE	SIZE	STRAINER	SERVING
1	CAGE WASHING - BB123	ST-B-23	THERMODYNAMIC	3/8	YES	CAGE WASHER
2	CAGE WASHING - BB123	ST-B-24	THERMODYNAMIC	3/8	YES	CAGE WASHER
3	CAGE WASHING - BB123	ST-B-25	THERMODYNAMIC	3/4	YES	CAGE WASHER
4	CAGE WASHING - BB123	ST-B-26	THERMODYNAMIC	3/4	YES	CAGE WASHER
5		ST-B-27				
6		ST-B-28				
7		ST-B-29				
8		ST-B-30				
9		ST-B-31				
10		ST-B-32				
11		ST-B-33				
12		ST-B-34				
13		ST-B-35A				

- NOTE:
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 - THE CONTRACTOR SHALL FIELD COORDINATE FOR THE PROPER LOCATION OF RF TRANSMITTER INSTALLATION WITH THE GAUGE WASHERS, DIETETIC FOOD PROCESSORS, DISHWASHER, STERILIZER EQUIPMENT AND KITCHEN EQUIPMENT'S STEAM PIPING AND ITS ACCESSORIES, ETC. INSTALL THE RF TRANSMITTER AS PER MANUFACTURER'S RECOMMENDATIONS. MODIFY EXISTING STEAM PIPING/ACCESSORIES AS REQUIRED TO ACCOMMODATE NEW RF TRANSMITTERS. NEW PIPE SIZE AND MATERIALS SHALL MATCH EXISTING. PROVIDE PIPE INSULATION AS REQUIRED.

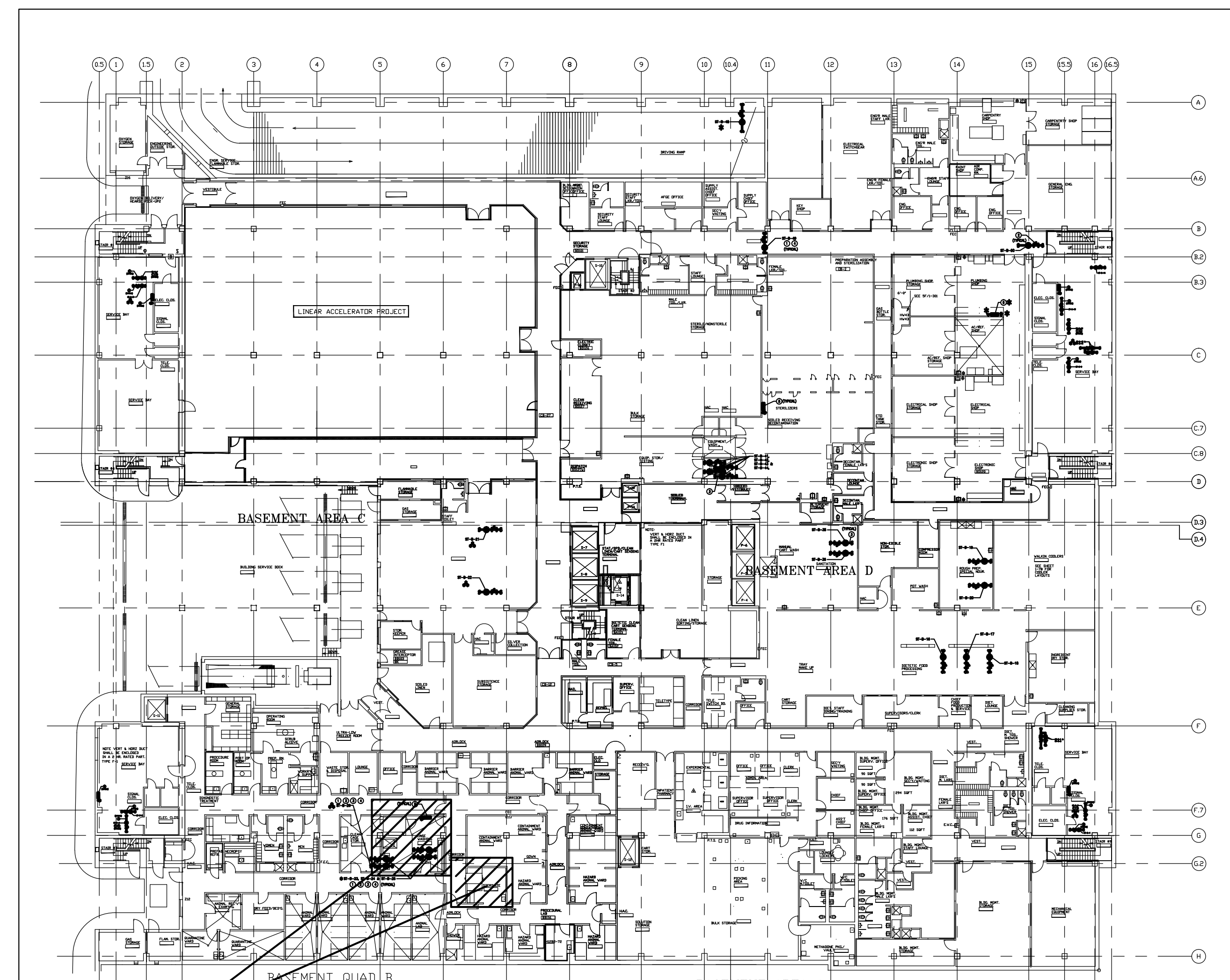
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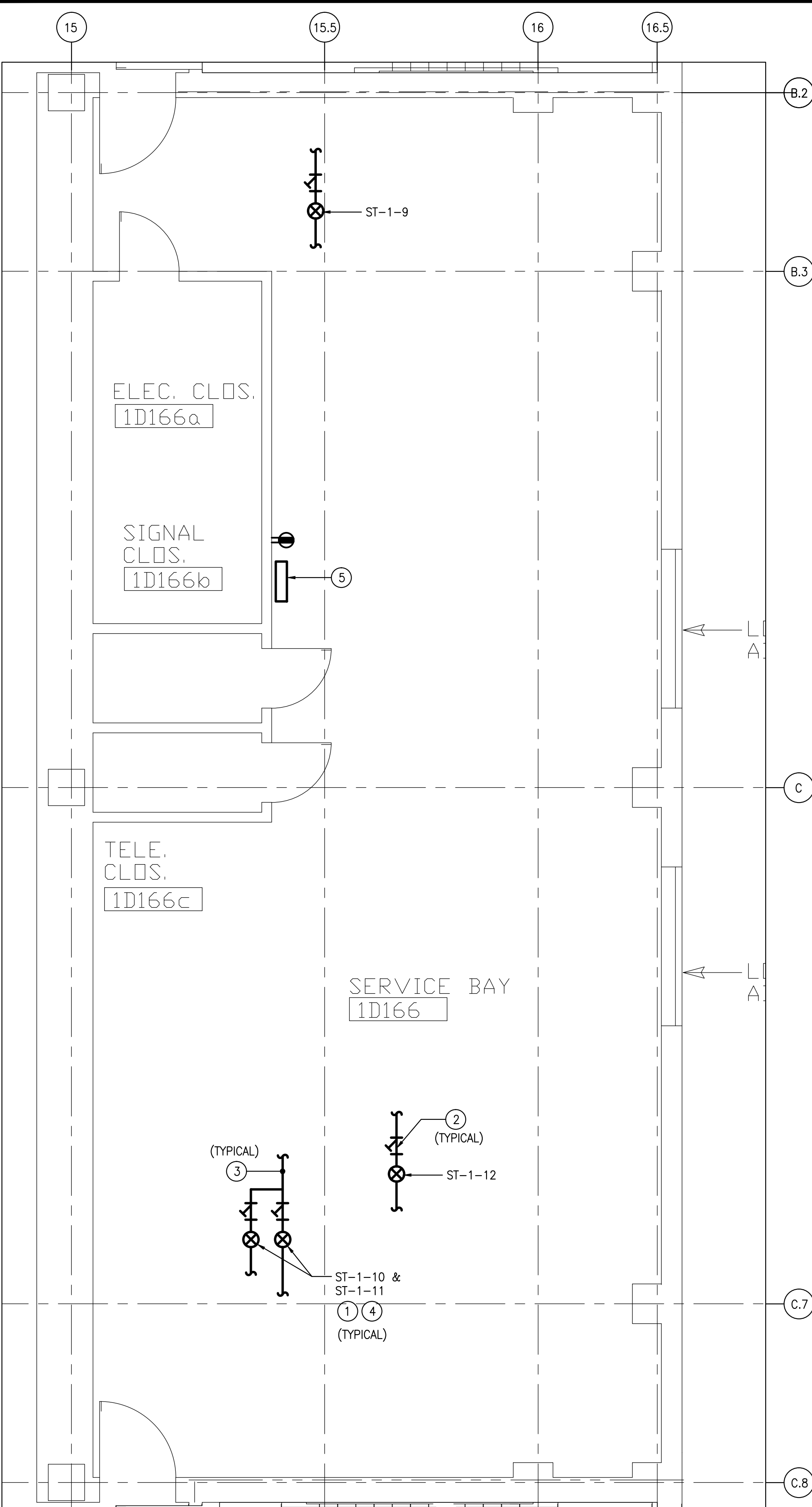
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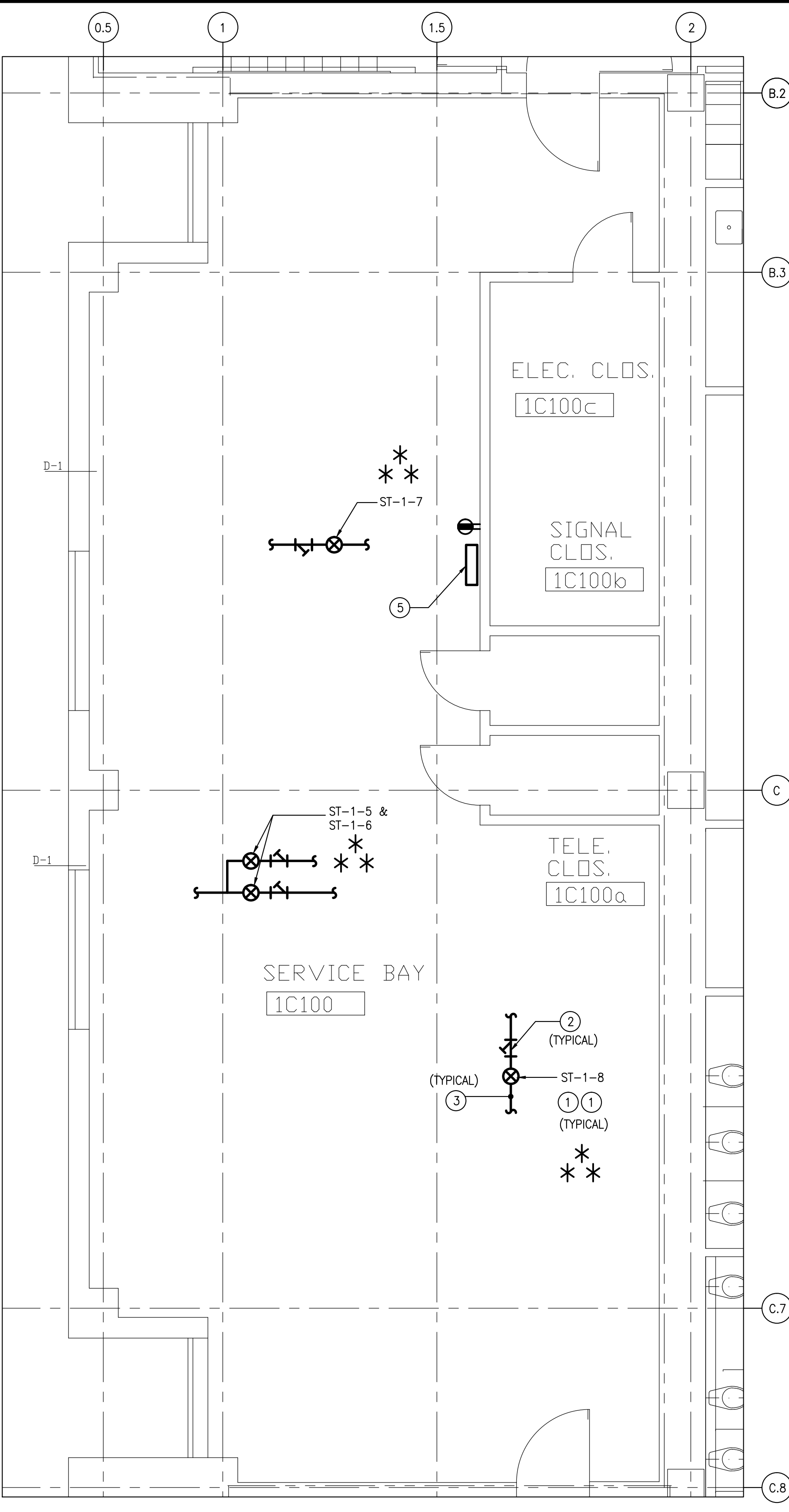


AREA OF WORK KEY PLAN - BASEMENT FLOOR PLAN
SCALE: 1/32" = 1'-0"

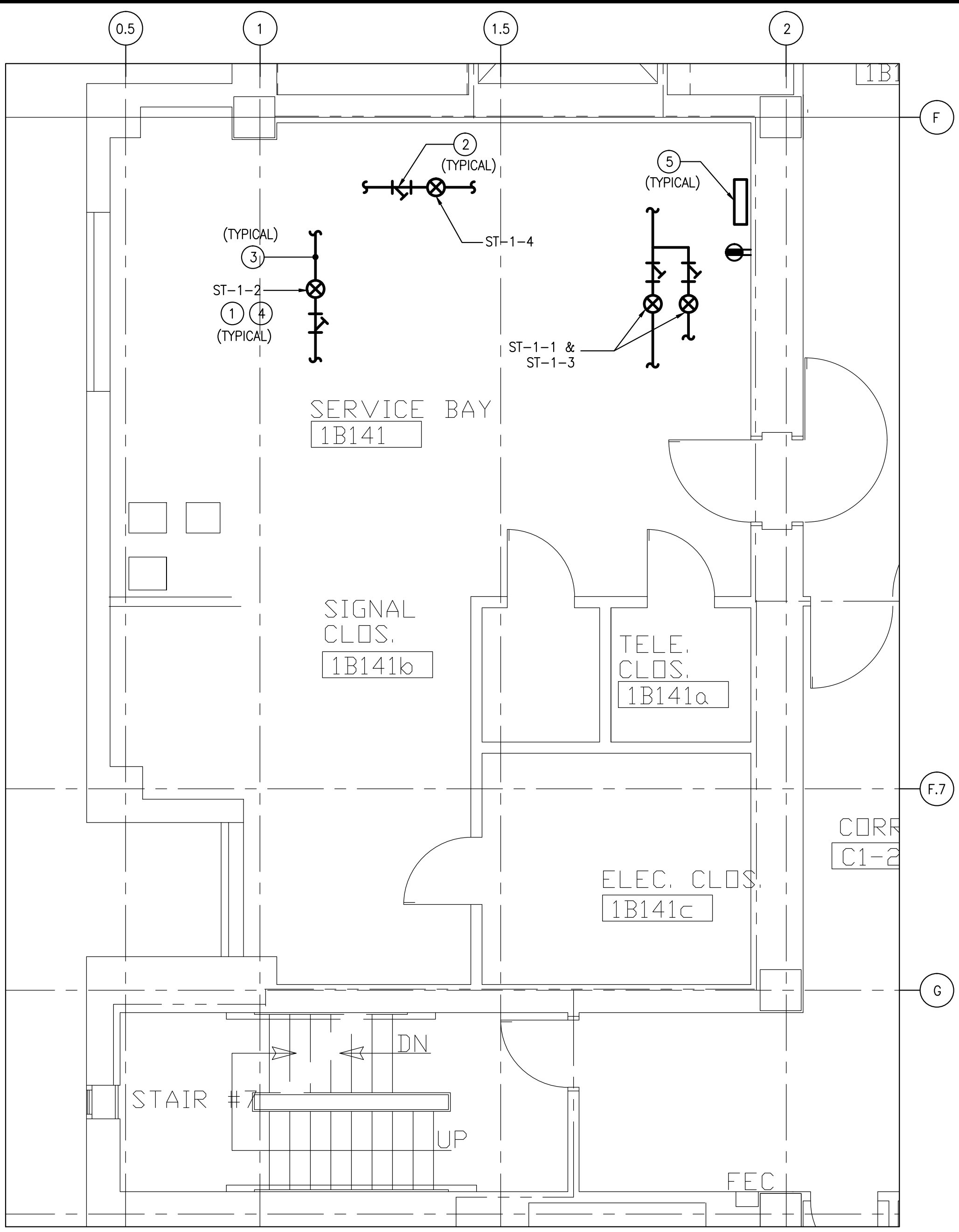
Revisions	Date
ADDENDUM # 1	01-03-14
100% SUBMISSION	10-31-13
100% SUBMISSION	10-31-13
95% SUBMISSION	09-20-13
50% SUBMISSION	08-30-13



1
1-MP6
PART FIRST FLOOR PLAN-QUADRANT-D
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



2
1-MP6
PART FIRST FLOOR PLAN-QUADRANT-C
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



3
1-MP6
PART FIRST FLOOR PLAN-QUADRANT-B
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"

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ELECTRICAL COMPONENTS: COORDINATE REMOVAL OF ELECTRICAL SYSTEMS AND COMPONENTS WITH ELECTRICAL DRAWINGS. REMOVE ANY EXISTING WIRE MOLD. ALL CABLING TO RUN INSIDE WALLS.

MECHANICAL AND PLUMBING COMPONENTS: COORDINATE REMOVAL OF MECHANICAL AND PLUMBING SYSTEMS AND COMPONENTS WITH MECHANICAL DRAWINGS.

DEMOLITION/NEW WORK-GENERAL NOTES

- CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS. PROVIDE ALL SYSTEMS IN COORDINATION WITH THE SITE CONDITIONS AS PART OF THIS CONTRACT. MAINTAIN CONTINUITY OF HVAC, PLUMBING AND ELECTRICAL SYSTEMS ETC.
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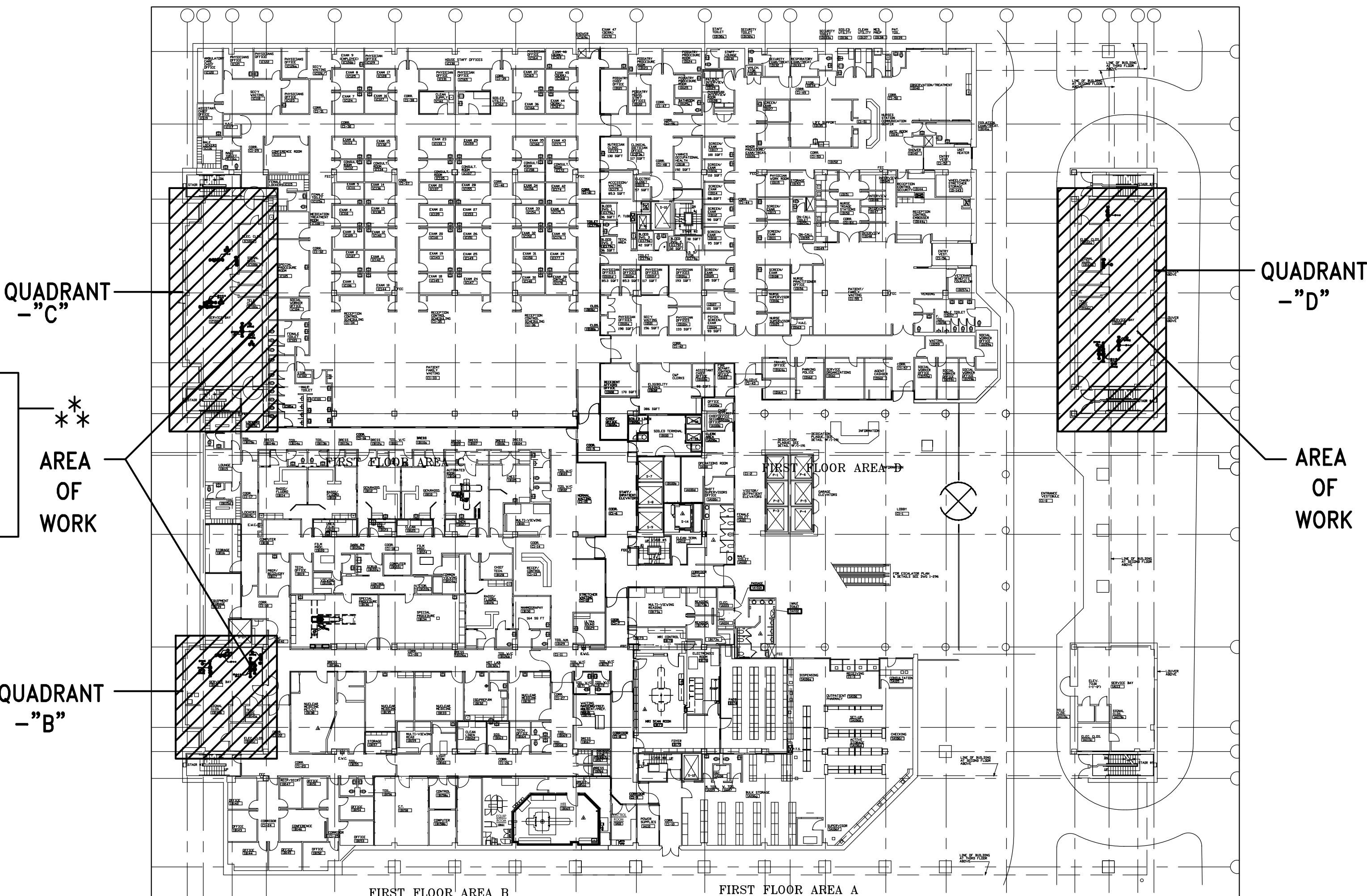
KEYED NOTES-DEMOLITION/NEW WORK

- EXISTING STEAM TRAP (TYPICAL).
- EXISTING STRAINER (TYPICAL).
- EXISTING STEAM CONDENSATE RETURN PIPING (TYPICAL).
- PROVIDE RF TRANSMITTER (SENSOR), ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION. REMOVE EXISTING PIPE INSULATION TO ACCOMMODATE REPEATERS AND PROVIDE NEW INSULATION AS REQUIRED. THE INSULATION MATERIALS AND THICKNESS SHALL MATCH EXISTING. THE CONTRACTOR SHALL INSTALL A SIGNS AT THE STEAM TRAP LOCATIONS. (TYPICAL).
- PROVIDE REPEATER, ARMSTRONG STEAM EYE II 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL).

STEAM TRAP SCHEDULE						
SL. NO.	LOCATION	IDENTIFICATION NUMBER	STEAM TRAP TYPE	SIZE	STRAINER	SERVING
1	SERVICE BAY, AREA-"B" - 1B141	ST-1-1	THERMODYNAMIC	3/4	YES	HUMIDIFIER
2	SERVICE BAY, AREA-"B" - 1B141	ST-1-2	THERMODYNAMIC	1/2	YES	DRIP LEG
3	SERVICE BAY, AREA-"B" - 1B141	ST-1-3	THERMODYNAMIC	3/4	YES	HUMIDIFIER
4	SERVICE BAY, AREA-"B" - 1B141	ST-1-4	THERMODYNAMIC	1/2	YES	DRIP LEG
5	SERVICE BAY, AREA-"C" - 1C100	ST-1-5	THERMODYNAMIC	3/4	YES	HUMIDIFIER
6	SERVICE BAY, AREA-"C" - 1C100	ST-1-6	THERMODYNAMIC	3/4	YES	HUMIDIFIER
7	SERVICE BAY, AREA-"C" - 1C100	ST-1-7	THERMODYNAMIC	3/4	YES	DRIP LEG
8	SERVICE BAY, AREA-"C" - 1C100	ST-1-8	THERMODYNAMIC	1/2	YES	DRIP LEG
9	SERVICE BAY, AREA-"D" - 1D166	ST-1-9	THERMODYNAMIC	3/4	YES	HUMIDIFIER
10	SERVICE BAY, AREA-"D" - 1D166	ST-1-10	THERMODYNAMIC	3/4	YES	HUMIDIFIER
11	SERVICE BAY, AREA-"D" - 1D166	ST-1-11	THERMODYNAMIC	3/4	YES	HUMIDIFIER
12	SERVICE BAY, AREA-"D" - 1D166	ST-1-12	THERMODYNAMIC	1/2	YES	DRIP LEG

NOTE:

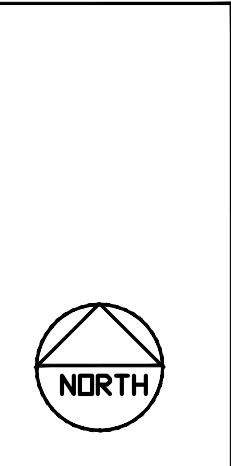
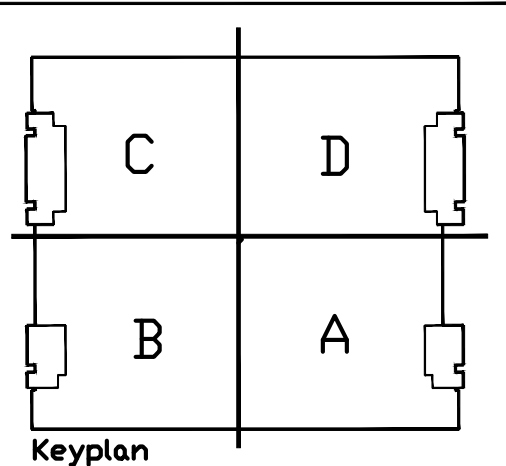
- PROVIDE WIRELESS STEAM MONITORING SYSTEM. INSTALL RF TRANSMITTER AT EACH STEAM TRAP, ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL OF 12).



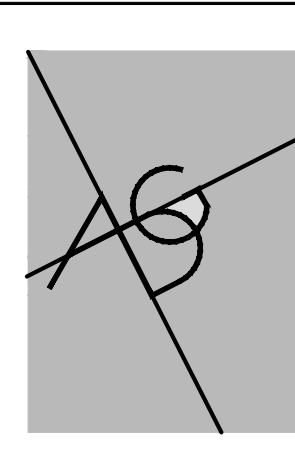
KEY PLAN - FIRST FLOOR PLAN
SCALE: 1/32" = 1'-0"

FULLY SPRINKLERED

ADDENDUM # 1	01-03-14
100% SUBMISSION	10-31-13
100% SUBMISSION	10-31-13
95% SUBMISSION	09-20-13
50% SUBMISSION	08-30-13
Revisions	Date



Seal



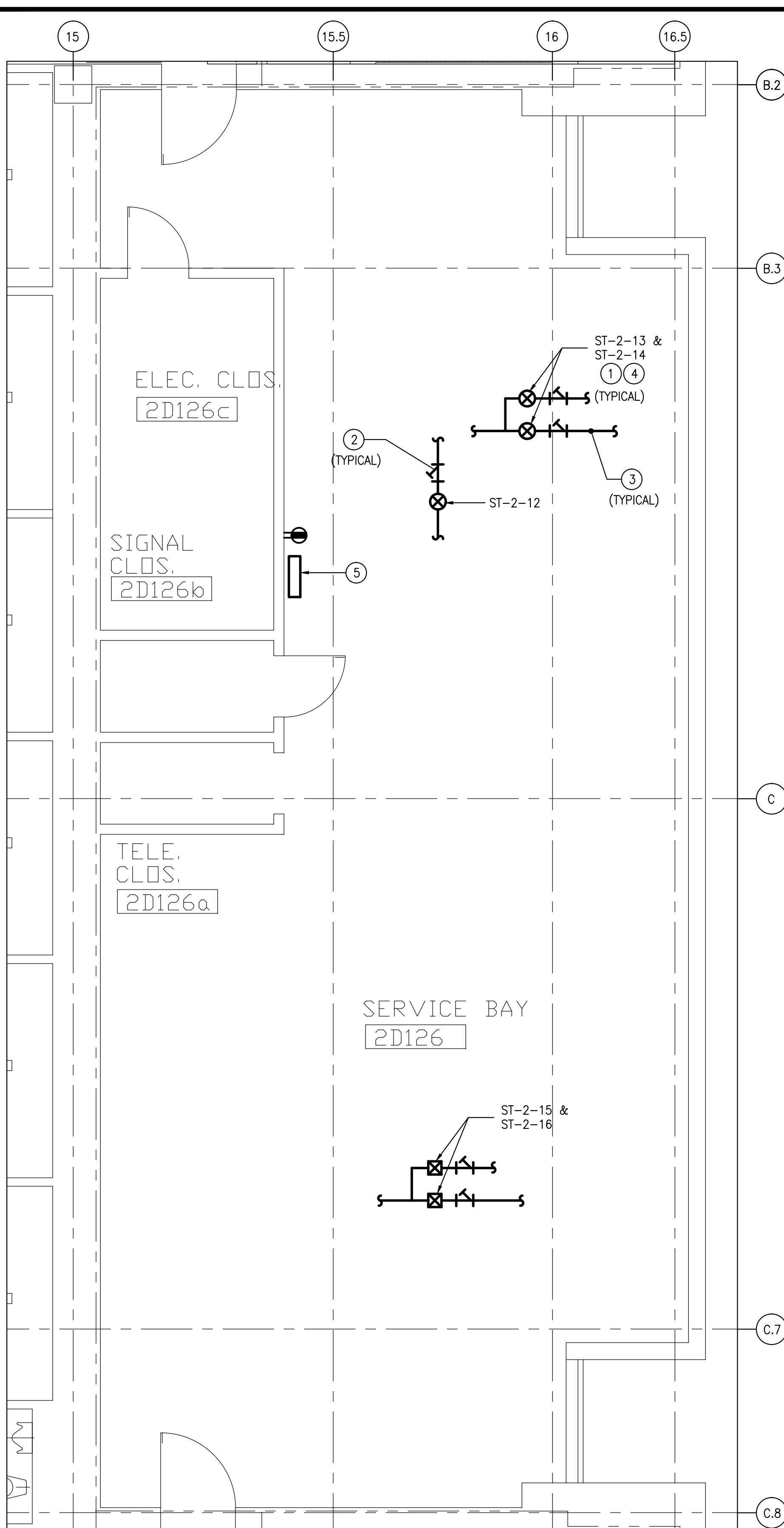
A DESIGN GROUP, LLC
ART-ARCHITECTURE-ENGINEERING
2707 HILL ROAD
VIENNA, VA 22181
PHONE: 703.938.5626

Drawing Title FIRST FLOOR - DEMOLITION AND NEW WORK	Scale
Approved Project Director	Checked

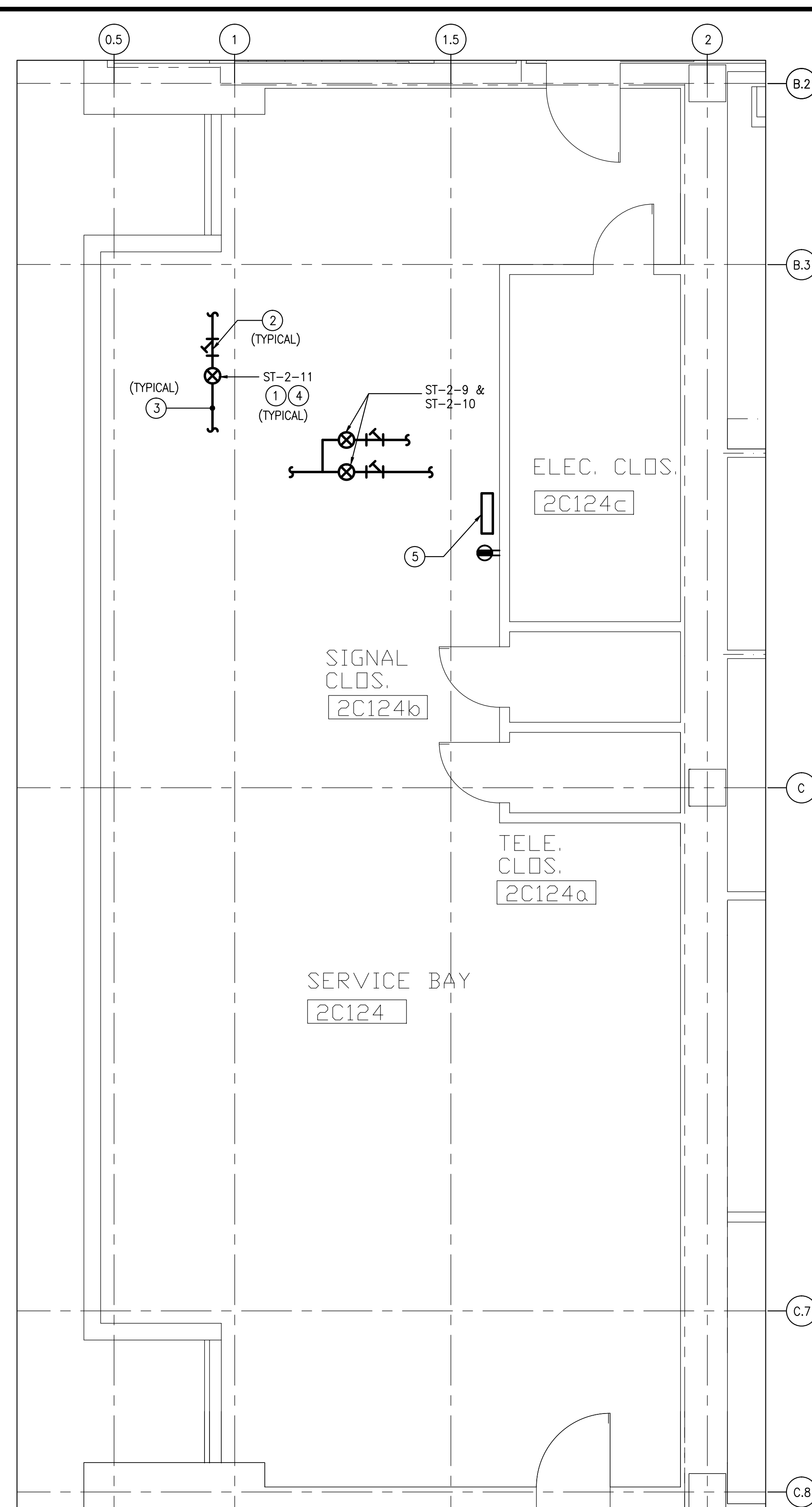
Project Title STEAM TRAP REPLACEMENT & INSTALLATION OF NEW STEAM TRAP MONITORING SYSTEM	Building Number 1
Location BALTIMORE, MD.	

Date 10/31/13	Project No. 512-12-106
DRAWING No. 1-MP6	Dep. 7 OF 20

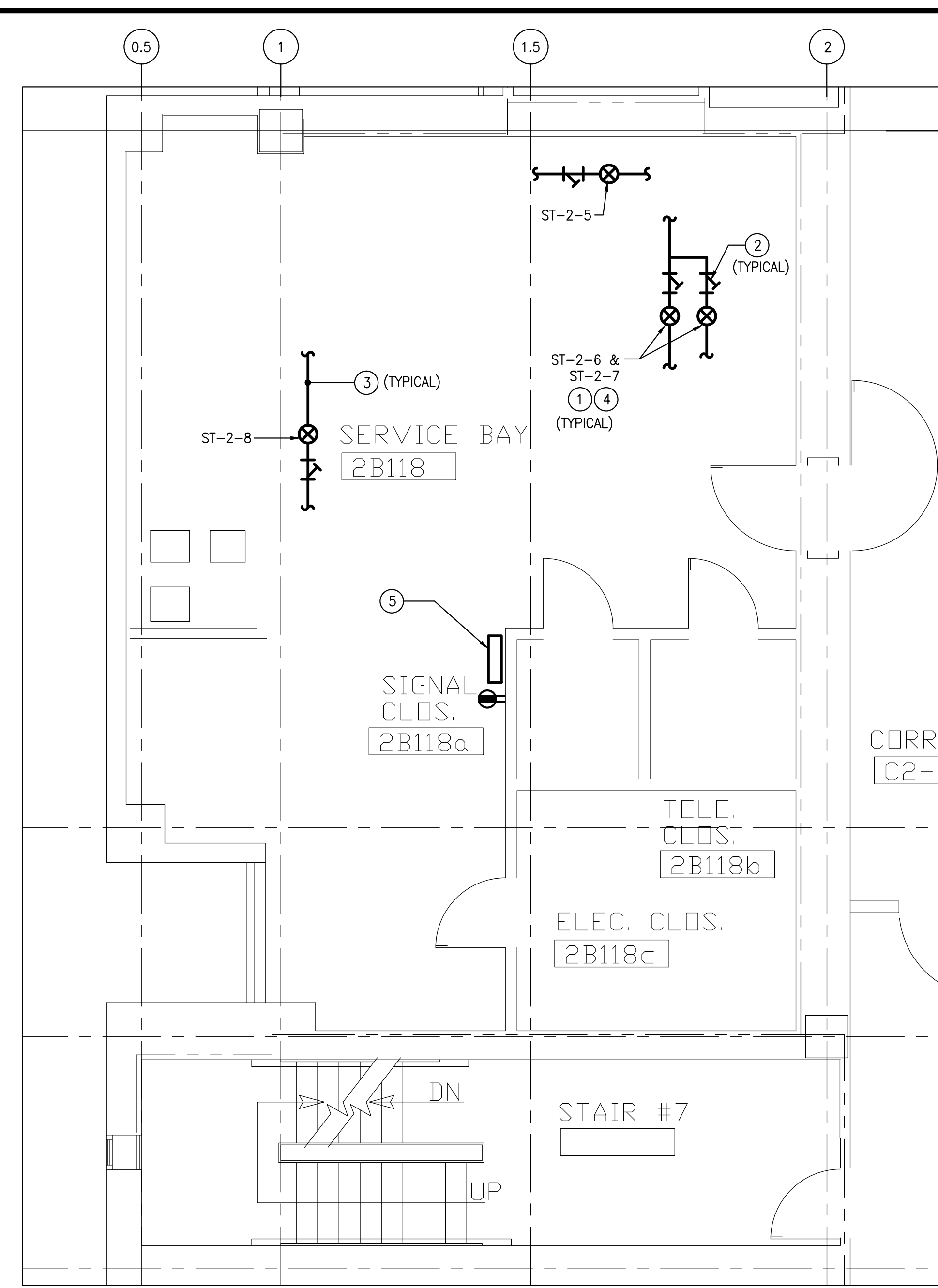
A
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



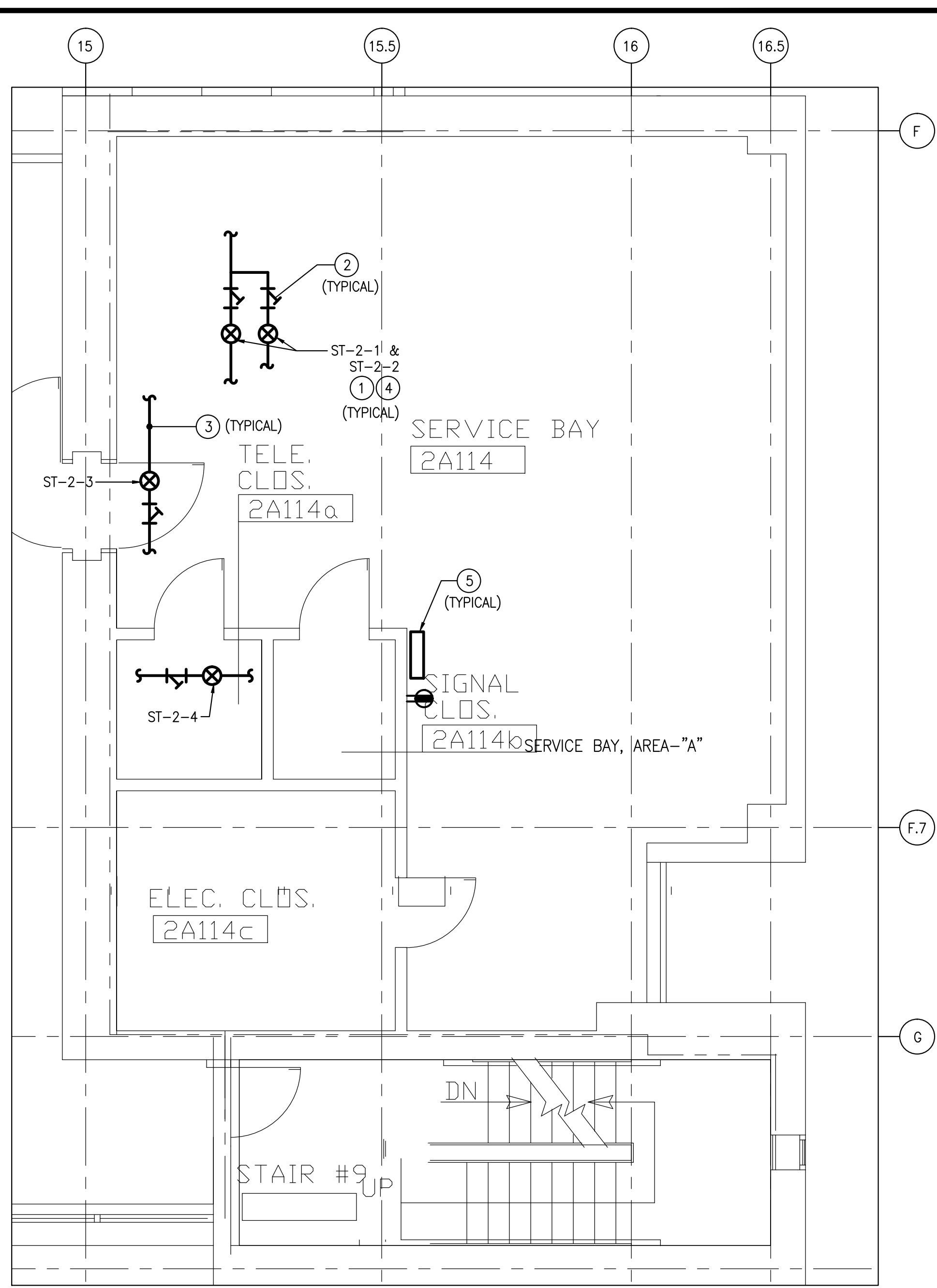
1
1-MP7
PART SECOND FLOOR PLAN-QUADRANT-D
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



2
1-MP7
PART SECOND FLOOR PLAN-QUADRANT-C
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



3
1-MP7
PART SECOND FLOOR PLAN-QUADRANT-B
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



4
1-MP7
PART SECOND FLOOR PLAN-QUADRANT-A
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"

TYPICAL DEMOLITION NOTES

FOR ALL ITEMS SCHEDULED FOR DEMOLITION, COORDINATE WITH OWNER'S REP. REGARDING WHICH ITEMS ARE TO BE PROTECTED, SALVAGED, AND/OR DISCARDED.

SCHEDULING & SEQUENCING OF THE WORK:
PRIOR TO COMMENCEMENT OF ANY WORK ON THE PROJECT, THE CONTRACTOR SHALL MEET WITH THE OWNER'S REP. & A REPRESENTATIVE OF THE "END USER" TO DISCUSS & FORMULATE A SCHEDULING & SEQUENCING OF THE WORK PLAN IN AN EFFORT TO MINIMIZE THE DISRUPTION OF ONGOING SERVICES & ACTIVITIES WITHIN THE AREAS OF THE WORK. BEFORE COMMENCEMENT OF THE WORK THE CONTRACTOR SHALL DEVELOP A WRITTEN PLAN OF SCHEDULING & SEQUENCING INDICATING TARGET DATES FOR CERTAIN PHASES ON THE WORK & ASSOCIATED SELECTIVE DEMOLITION PROVIDE COPIES TO CORP APPROVAL.

ELECTRICAL COMPONENTS: COORDINATE REMOVAL OF ELECTRICAL SYSTEMS AND COMPONENTS WITH ELECTRICAL DRAWINGS. REMOVE ANY EXISTING WIRE MOLD, ALL CABLEING TO RUN INSIDE WALLS.

MECHANICAL AND PLUMBING COMPONENTS: COORDINATE REMOVAL OF MECHANICAL AND PLUMBING SYSTEMS AND COMPONENTS WITH MECHANICAL DRAWINGS.

DEMOLITION/NEW WORK-GENERAL NOTES

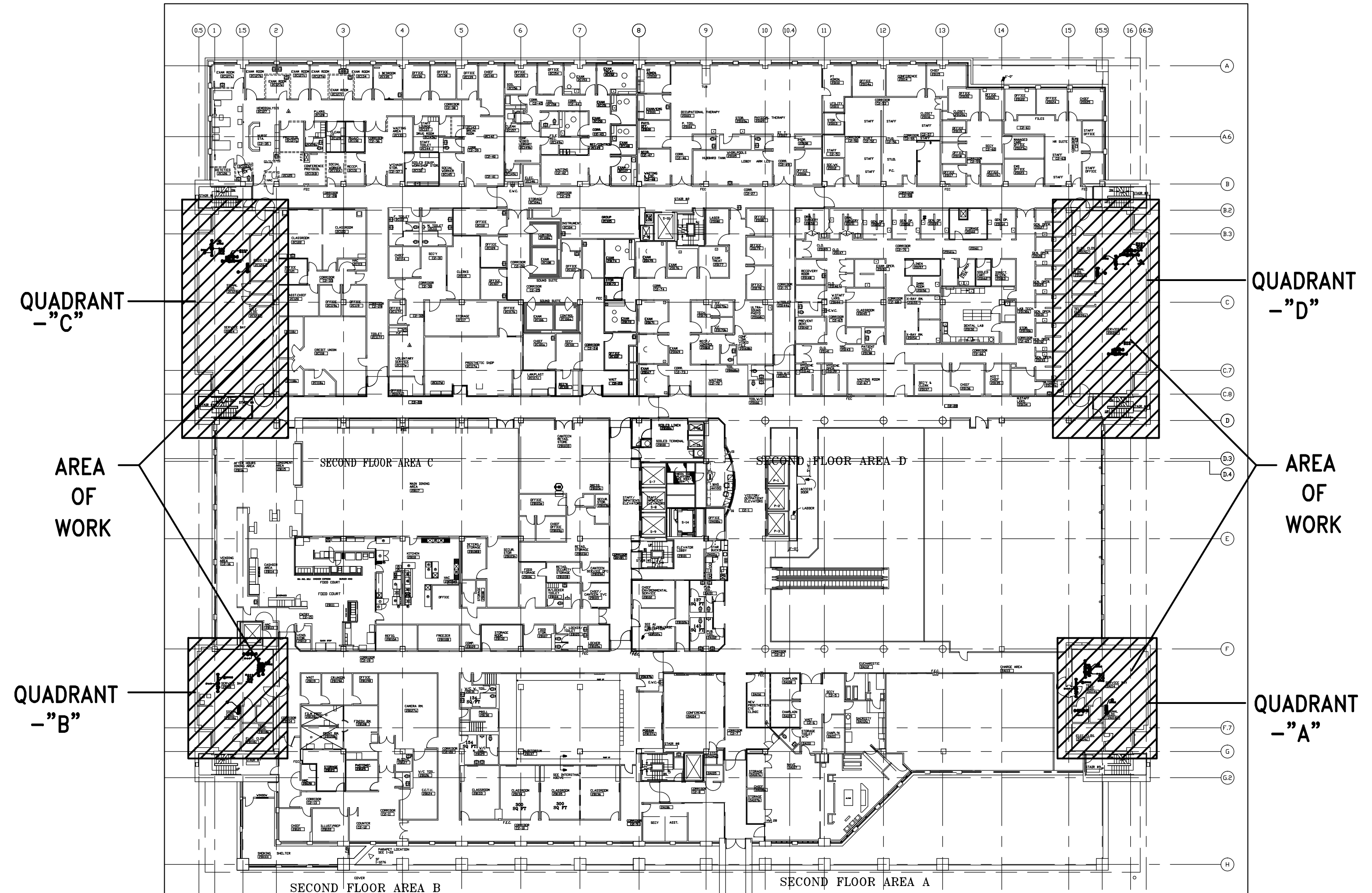
- CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS, PROVIDE ALL SYSTEMS IN COORDINATION WITH THE SITE CONDITIONS AS PART OF THIS CONTRACT. MAINTAIN CONTINUITY OF HVAC, PLUMBING AND ELECTRICAL SYSTEMS ETC.
- UNDER NO CIRCUMSTANCE SHALL THE WORK PERFORMED UNDER THIS CONTRACT ADVERSELY AFFECT ADJACENT AREAS, NOT PART OF THIS CONTRACT.
- MAINTAIN EXISTING SYSTEMS AS NECESSARY TO CONTINUE NORMAL OPERATIONS. ALL SERVICE INTERRUPTIONS SHALL BE AT OWNER'S CONVENIENCE. REQUESTS FOR SERVICE INTERRUPTIONS SHALL BE MADE A MINIMUM OF 14 DAYS PRIOR TO ANTICIPATED DATE.
- IF SUSPECTED ASBESTOS-CONTAINING MATERIALS ARE ENCOUNTERED IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL CEASE WORK WITH THE SUSPECT MATERIAL AND AWAIT DIRECTION FROM THE CORP.
- ALL DEMOLISHED EQUIPMENT AND RUBBISH SHALL BE CLEARED, TRANSPORTED AND DISPOSED OF IN A LAWFUL AND RESPONSIBLE MANNER.
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL REPEATERS AS REQUIRED, BASED ON THE MANUFACTURER'S RF STRENGTH FIELD SITE SURVEY. THE CONTRACTOR SHALL COORDINATE WITH EXISTING BUILDING'S RF SHIELDING EQUIPMENT AND OTHER MAGNETIC EQUIPMENT FREQUENCY INTERFERENCE. THE ENTIRE SYSTEMS SHALL BE INSTALLED BASED ON THE ACTUAL RF STRENGTH FIELD SURVEY, AND AS PER UNIT MANUFACTURER'S RECOMMENDATION FOR PROPER OPERATION.

KEYED NOTES-DEMOLITION/NEW WORK

- EXISTING STEAM TRAP (TYPICAL).
- EXISTING STRAINER (TYPICAL).
- EXISTING STEAM CONDENSATE RETURN PIPING (TYPICAL).
- PROVIDE RF TRANSMITTER (SENSOR), ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL).
- PROVIDE REPEATER, ARMSTRONG STEAM EYE II 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL).

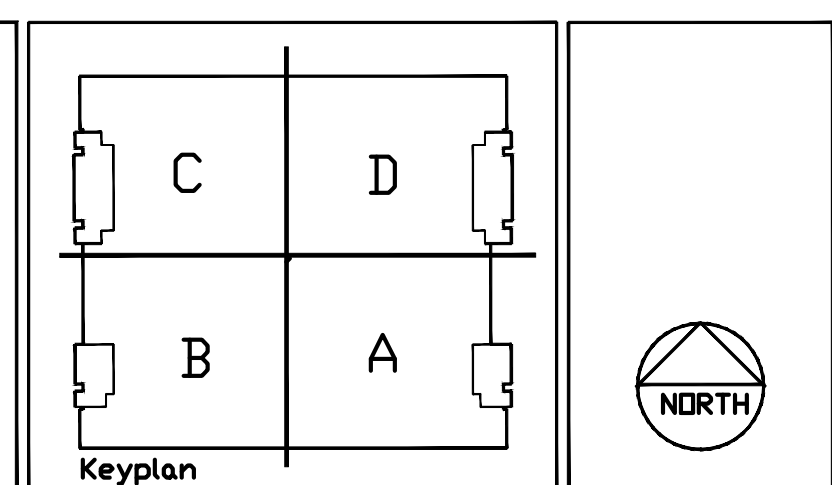
STEAM TRAP SCHEDULE						
SL. NO.	LOCATION	IDENTIFICATION NUMBER	STEAM TRAP TYPE	SIZE	STRAINER	SERVING
1	SERVICE BAY, AREA-"A" - 2A114	ST-2-1	THERMODYNAMIC	3/4	YES	HUMIDIFIER
2	SERVICE BAY, AREA-"A" - 2A114	ST-2-2	THERMODYNAMIC	3/4	YES	HUMIDIFIER
3	SERVICE BAY, AREA-"A" - 2A114	ST-2-3	THERMODYNAMIC	1/2	YES	DRIP LEG
4	SERVICE BAY, AREA-"A" - 2A114	ST-2-4	THERMODYNAMIC	1/2	YES	DRIP LEG
5	SERVICE BAY, AREA-"B" - 2B118	ST-2-5	THERMODYNAMIC	1/2	YES	DRIP LEG
6	SERVICE BAY, AREA-"B" - 2B118	ST-2-6	THERMODYNAMIC	3/4	YES	HUMIDIFIER
7	SERVICE BAY, AREA-"B" - 2B118	ST-2-7	THERMODYNAMIC	3/4	YES	HUMIDIFIER
8	SERVICE BAY, AREA-"B" - 2B118	ST-2-8	THERMODYNAMIC	1/2	YES	DRIP LEG
9	SERVICE BAY, AREA-"C" - 2C124	ST-2-9	BUCKET	3/4	YES	HUMIDIFIER
10	SERVICE BAY, AREA-"C" - 2C124	ST-2-10	BUCKET	3/4	YES	HUMIDIFIER
11	SERVICE BAY, AREA-"C" - 2C124	ST-2-11	THERMODYNAMIC	1/2	YES	DRIP LEG
12	SERVICE BAY, AREA-"D" - 2D126	ST-2-12	THERMODYNAMIC	1/2	YES	DRIP LEG
13	SERVICE BAY, AREA-"D" - 2D126	ST-2-13	THERMODYNAMIC	3/4	YES	HUMIDIFIER
14	SERVICE BAY, AREA-"D" - 2D126	ST-2-14	THERMODYNAMIC	3/4	YES	HUMIDIFIER
15	SERVICE BAY, AREA-"D" - 2D126	ST-2-15	F & T	3/4	YES	HUMIDIFIER
16	SERVICE BAY, AREA-"D" - 2D126	ST-2-16	F & T	3/4	YES	HUMIDIFIER

NOTE:
1. PROVIDE WIRELESS STEAM MONITORING SYSTEM. INSTALL RF TRANSMITTER AT EACH STEAM TRAP, ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL OF 16).



KEY PLAN - SECOND FLOOR PLAN
SCALE: 1/32" = 1'-0"

Revisions	Date
ADDENDUM # 1	01-03-14
100% SUBMISSION	10-31-13
100% SUBMISSION	10-31-13
95% SUBMISSION	09-20-13
50% SUBMISSION	08-30-13



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PHONE: 703.938.5626

SECOND FLOOR - DEMOLITION AND NEW WORK

Drawing Title
Approved Project Director
Scale
Checked

FULLY SPRINKLERED

Project Title
Date
Project No.
Building Number
Location
Drawing No.
Dep. 8 OF 20

A

B

C

D

E

F

A

B

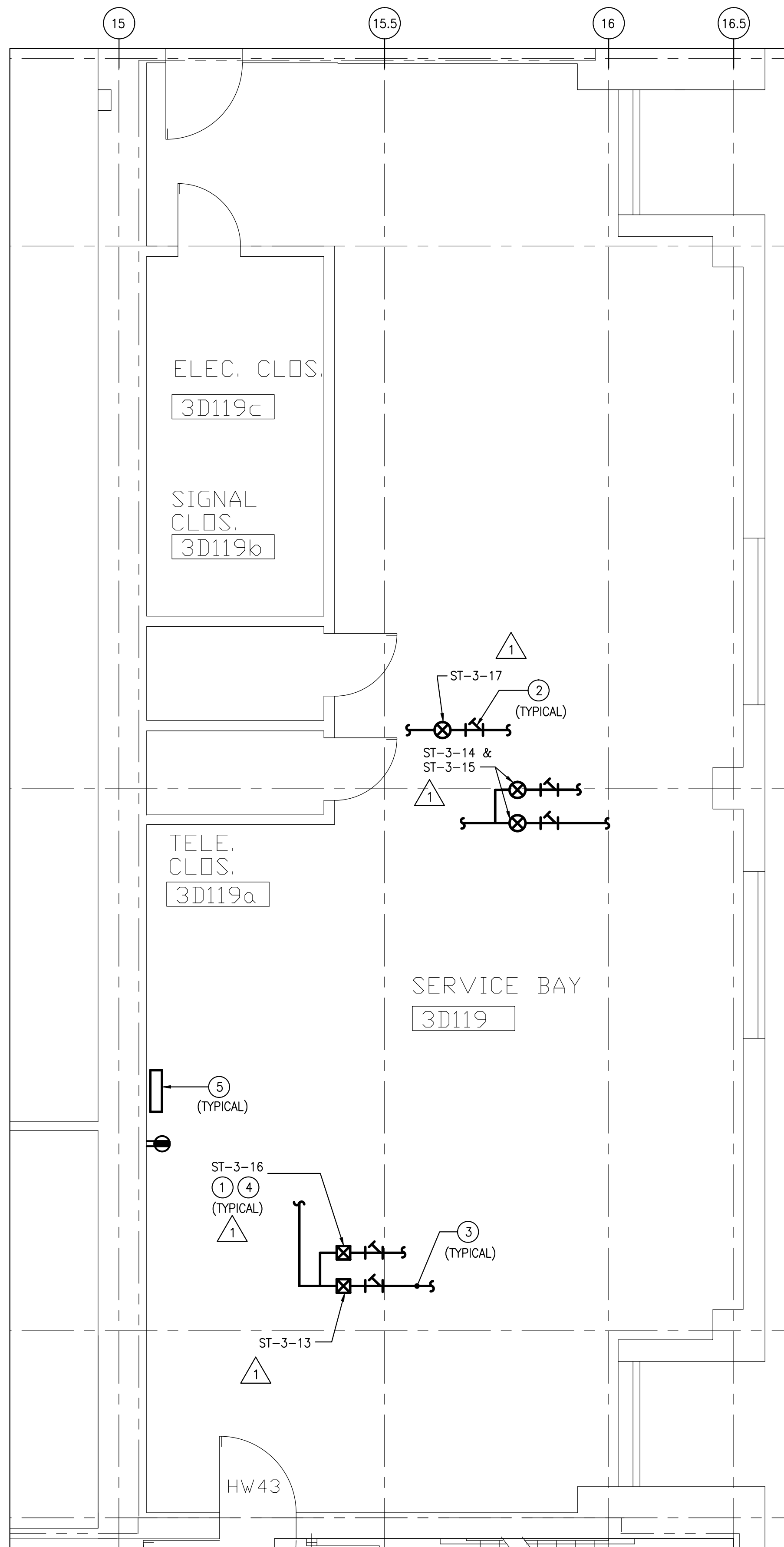
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D

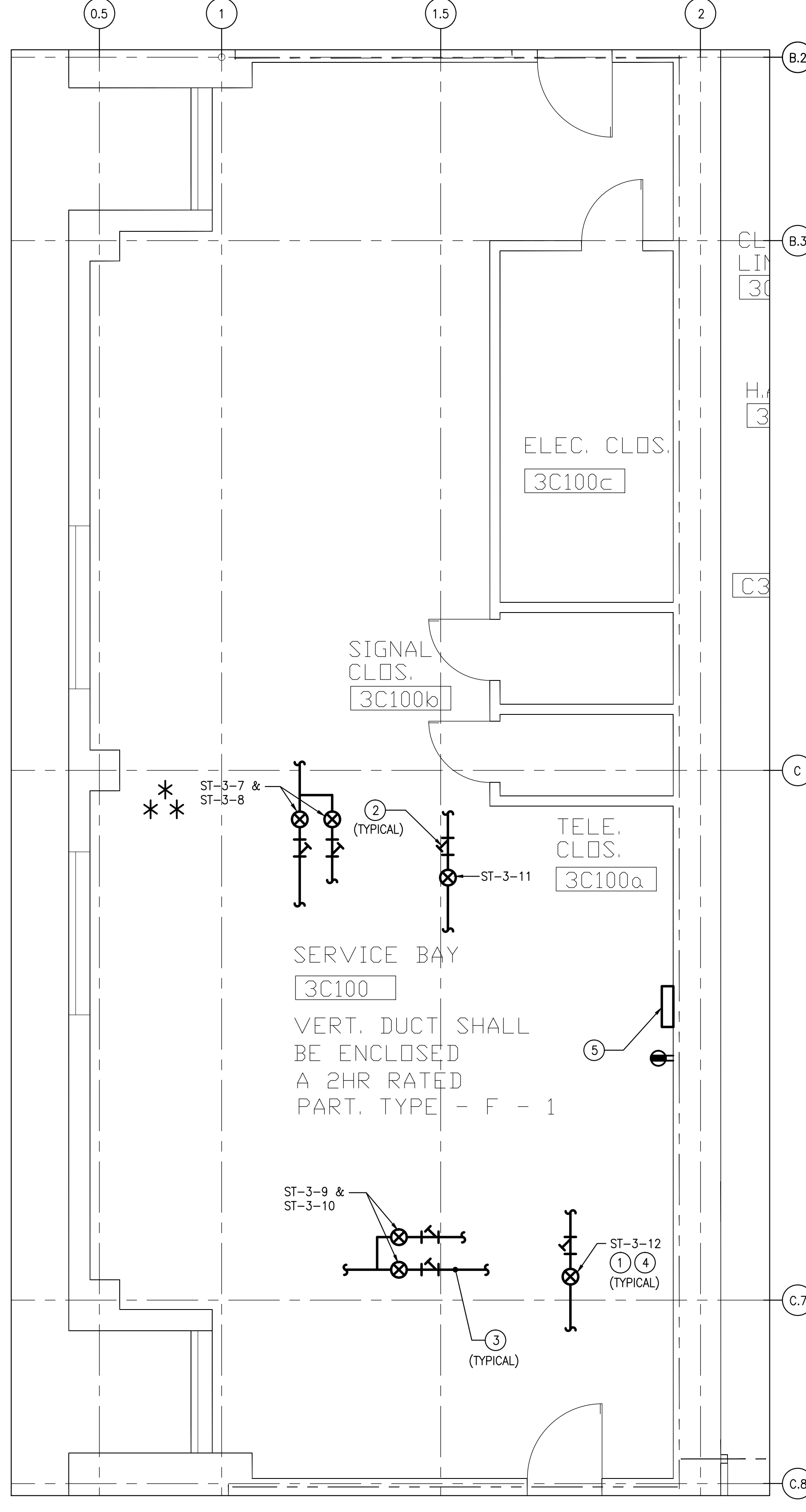
E

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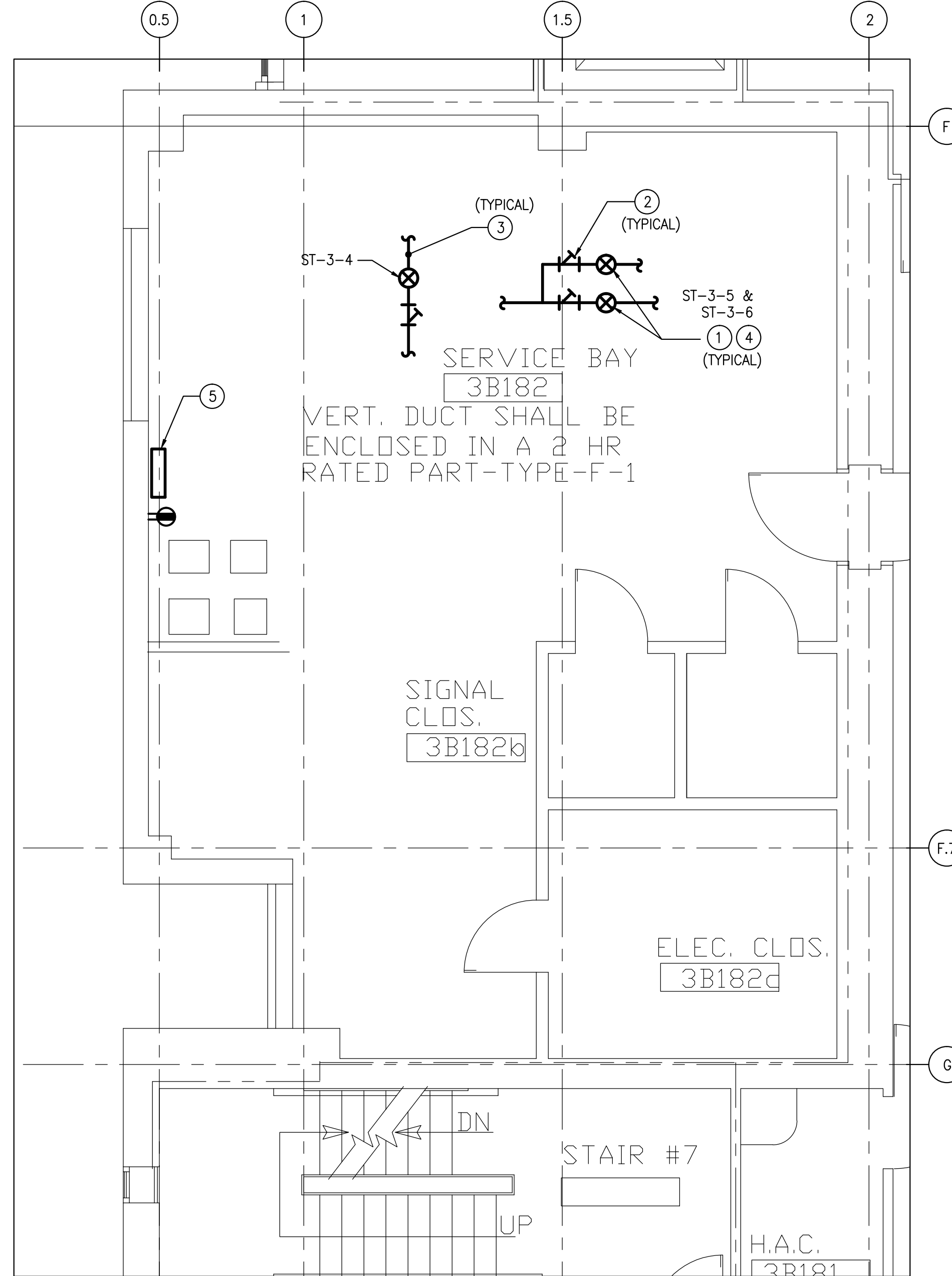
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one half inch = one foot
three eighths inch = one foot
one eighth inch = one foot
one quarter inch = one foot
one eighth inch = one foot



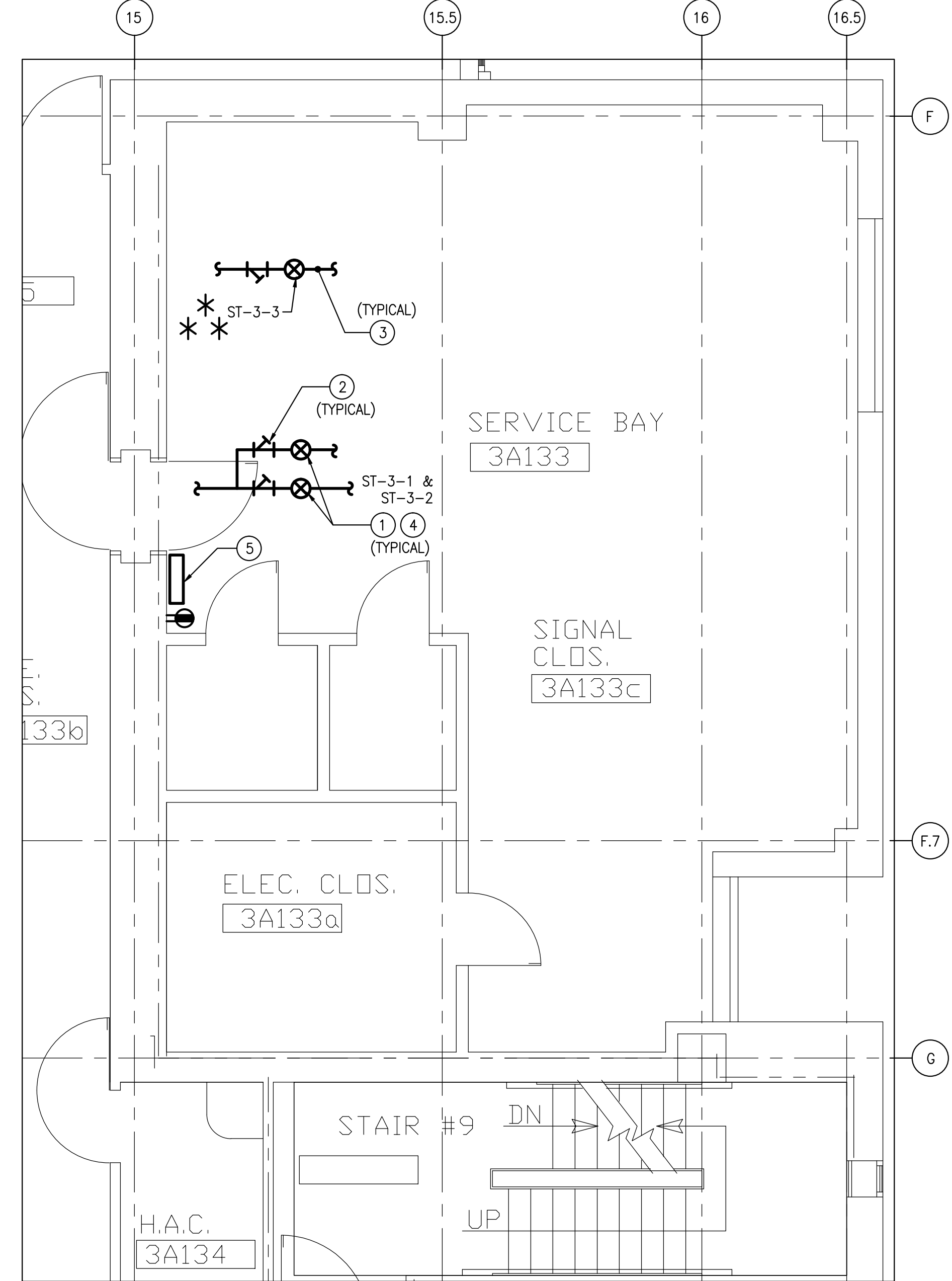
1
1-MPB
**PART THIRD FLOOR PLAN-QUADRANT-D
DEMOLITION/NEW WORK**
SCALE: 1/4" = 1'-0"



2
1-MPB
**PART THIRD FLOOR PLAN-
QUADRANT-C
DEMOLITION/NEW WORK**
SCALE: 1/4" = 1'-0"



3
1-MPB
**PART THIRD FLOOR PLAN-QUADRANT-B
DEMOLITION/NEW WORK**
SCALE: 1/4" = 1'-0"



4
1-MPB
**PART THIRD FLOOR PLAN-QUADRANT-A
DEMOLITION/NEW WORK**
SCALE: 1/4" = 1'-0"

TYPICAL DEMOLITION NOTES

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ELECTRICAL COMPONENTS: COORDINATE REMOVAL OF ELECTRICAL SYSTEMS AND COMPONENTS WITH ELECTRICAL DRAWINGS. REMOVE ANY EXISTING WIRE MOLD. ALL CABLEING TO RUN INSIDE WALLS.

MECHANICAL AND PLUMBING COMPONENTS: COORDINATE REMOVAL OF MECHANICAL AND PLUMBING SYSTEMS AND COMPONENTS WITH MECHANICAL DRAWINGS.

DEMOLITION/NEW WORK-GENERAL NOTES

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- ALL DEMOLISHED EQUIPMENT AND RUBBISH SHALL BE CLEARED, TRANSPORTED AND DISPOSED OF IN A LAWFUL AND RESPONSIBLE MANNER.
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL REPEATERS AS REQUIRED, BASED ON THE MANUFACTURER'S RF STRENGTH FIELD SITE SURVEY. THE CONTRACTOR SHALL COORDINATE WITH EXISTING BUILDING'S RF SHIELDING EQUIPMENT AND OTHER MAGNETIC EQUIPMENT FREQUENCY INTERFERENCE. THE ENTIRE SYSTEMS SHALL BE INSTALLED BASED ON THE ACTUAL RF STRENGTH FIELD SURVEY, AND AS PER UNIT MANUFACTURER'S RECOMMENDATION FOR PROPER OPERATION.

KEYED NOTES-DEMOLITION/NEW WORK

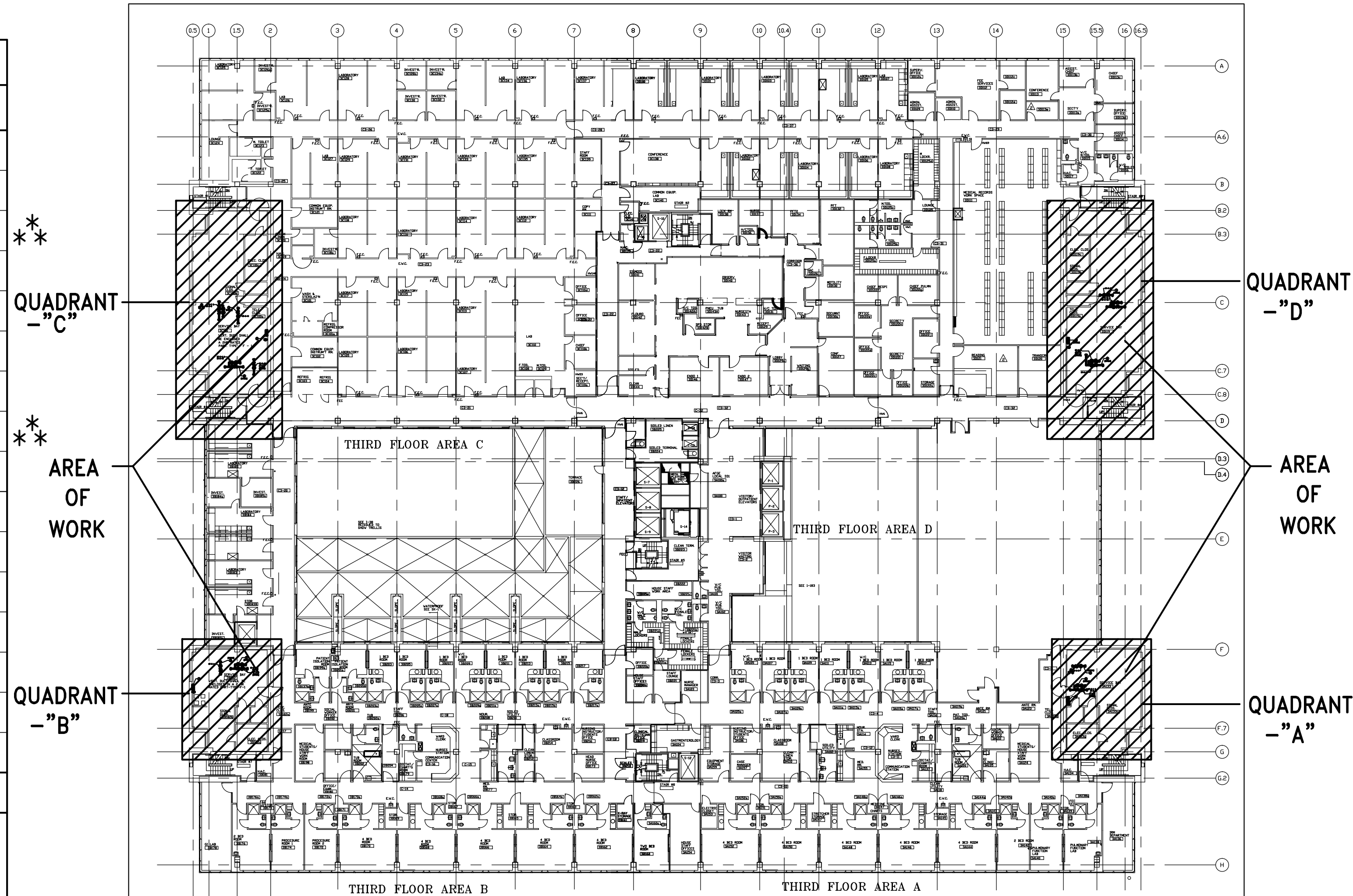
- EXISTING STEAM TRAP (TYPICAL).
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- EXISTING STEAM CONDENSATE RETURN PIPING (TYPICAL).
- PROVIDE RF TRANSMITTER (SENSOR), ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION. REMOVE EXISTING PIPE INSULATION TO ACCOMMODATE REPEATERS AND PROVIDE NEW INSULATION AS REQUIRED. THE INSULATION MATERIALS AND THICKNESS SHALL MATCH EXISTING. THE CONTRACTOR SHALL INSTALL A SIGN AT THE STEAM TRAP LOCATIONS. (TYPICAL).
- PROVIDE REPEATER, ARMSTRONG STEAM EYE II 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL).

NOTE * THE ITEMS/SYSTEMS WHICH ARE IDENTIFIED BY THIS SYMBOL ARE IN THE SCOPE OF WORK FOR THIS PROJECT. THE ITEMS/SYSTEMS WHICH ARE NOT IDENTIFIED BY THIS SYMBOL WILL BE INSTALLED IN A SEPARATE CONTRACT, AND AS DIRECTED BY THE VAMC CONTRACTING OFFICER.

** EXISTING STEAM TRAPS SHALL BE REPLACED WITH NEW. THE NEW STEAM TRAPS TYPE, SIZE AND MATERIALS SHALL MATCH EXISTING. INSTALL THE UNIT AS PER MANUFACTURER RECOMMENDATIONS. THE CONTRACTOR SHALL FIELD VERIFY FOR PROPER INSTALLATION. MODIFY/PROVIDE ADDITIONAL PIPING AND INSULATION AS REQUIRED.

STEAM TRAP SCHEDULE						
SL. NO.	LOCATION	IDENTIFICATION NUMBER	STEAM TRAP TYPE	SIZE	STRAINER	SERVING
1	SERVICE BAY, AREA-"A" - 3A133	ST-3-1	THERMODYNAMIC	3/4	YES	HUMIDIFIER
2	SERVICE BAY, AREA-"A" - 3A133	ST-3-2	THERMODYNAMIC	3/4	YES	HUMIDIFIER
3	SERVICE BAY, AREA-"A" - 3A133	ST-3-3	THERMODYNAMIC	1/2	YES	DRIP LEG
4	SERVICE BAY, AREA-"B" - 3B182	ST-3-4	THERMODYNAMIC	1/2	YES	DRIP LEG
5	SERVICE BAY, AREA-"B" - 3B182	ST-3-5	THERMODYNAMIC	3/4	YES	HUMIDIFIER
6	SERVICE BAY, AREA-"B" - 3B182	ST-3-6	THERMODYNAMIC	3/4	YES	HUMIDIFIER
7	SERVICE BAY, AREA-"C" - 3C100	ST-3-7	THERMODYNAMIC	3/4	YES	HUMIDIFIER
8	SERVICE BAY, AREA-"C" - 3C100	ST-3-8	THERMODYNAMIC	3/4	YES	HUMIDIFIER
9	SERVICE BAY, AREA-"C" - 3C100	ST-3-9	THERMODYNAMIC	3/4	YES	HUMIDIFIER
10	SERVICE BAY, AREA-"C" - 3C100	ST-3-10	THERMODYNAMIC	3/4	YES	HUMIDIFIER
11	SERVICE BAY, AREA-"C" - 3C100	ST-3-11	THERMODYNAMIC	1/2	YES	DRIP LEG
12	SERVICE BAY, AREA-"C" - 3C100	ST-3-12	THERMODYNAMIC	1/2	YES	DRIP LEG
13	SERVICE BAY, AREA-"D" - 3D119	ST-3-13	F & T	3/4	YES	HUMIDIFIER
14	SERVICE BAY, AREA-"D" - 3D119	ST-3-14	THERMODYNAMIC	3/4	YES	HUMIDIFIER
15	SERVICE BAY, AREA-"D" - 3D119	ST-3-15	THERMODYNAMIC	3/4	YES	HUMIDIFIER
16	SERVICE BAY, AREA-"D" - 3D119	ST-3-16	F & T	3/4	YES	HUMIDIFIER
17	SERVICE BAY, AREA-"D" - 3D119	ST-3-17	THERMODYNAMIC	1/2	YES	DRIP LEG

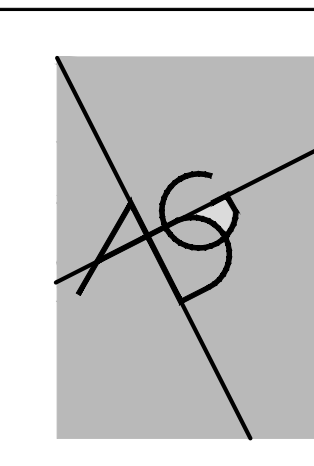
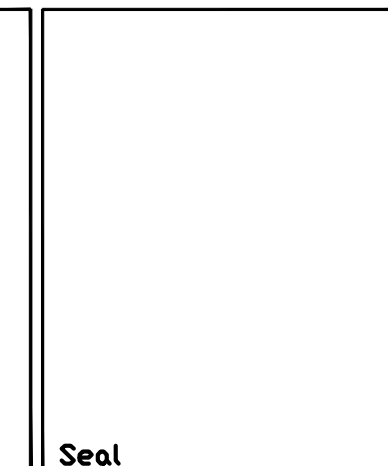
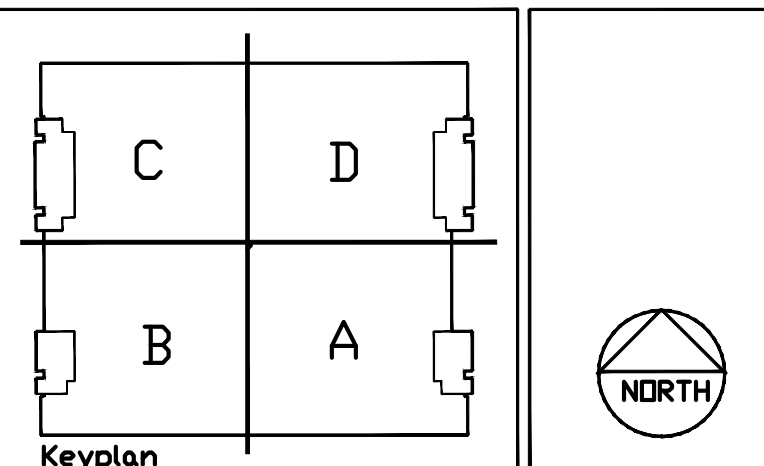
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KEY PLAN - THIRD FLOOR PLAN
SCALE: 1/32" = 1'-0"

FULLY SPRINKLERED

ADDENDUM #1	01-03-14
100% SUBMISSION	10-31-13
100% SUBMISSION	10-31-13
95% SUBMISSION	09-20-13
50% SUBMISSION	08-30-13
Revisions	Date



A DESIGN GROUP, LLC
ART-ARCHITECTURE-ENGINEERING
2707 HILL ROAD
VIENNA, VA 22181
PHONE: 703.936.5626

Drawing Title	THIRD FLOOR - DEMOLITION AND NEW WORK
Approved Project Director	Scale
Checked	Scale

Project Title	STEAM TRAP REPLACEMENT & INSTALLATION OF NEW STEAM TRAP MONITORING SYSTEM	Date	10/31/13
Project No.	512-12-106	Project No.	512-12-106
Building Number	1	Drawing No.	1-MPB
Location	BALTIMORE, MD.	Dep.	9 OF 20



A

B

C

D

E

F

A

B

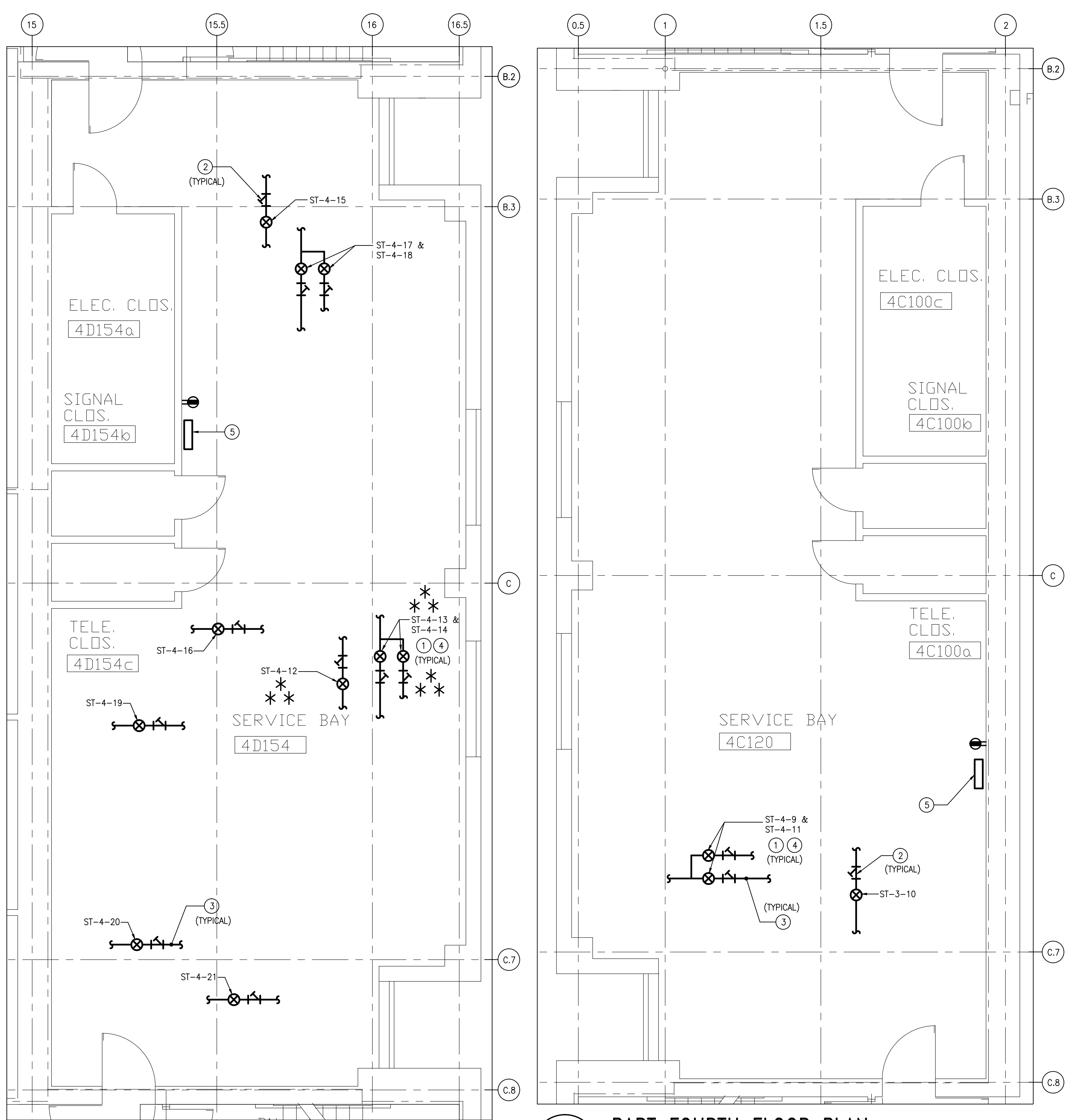
C

D

E

F

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1
1-MP9
PART FOURTH FLOOR PLAN-QUADRANT-D
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"

2
1-MP9
PART FOURTH FLOOR PLAN-
QUADRANT-C
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"

DEMOLITION/NEW WORK-GENERAL NOTES

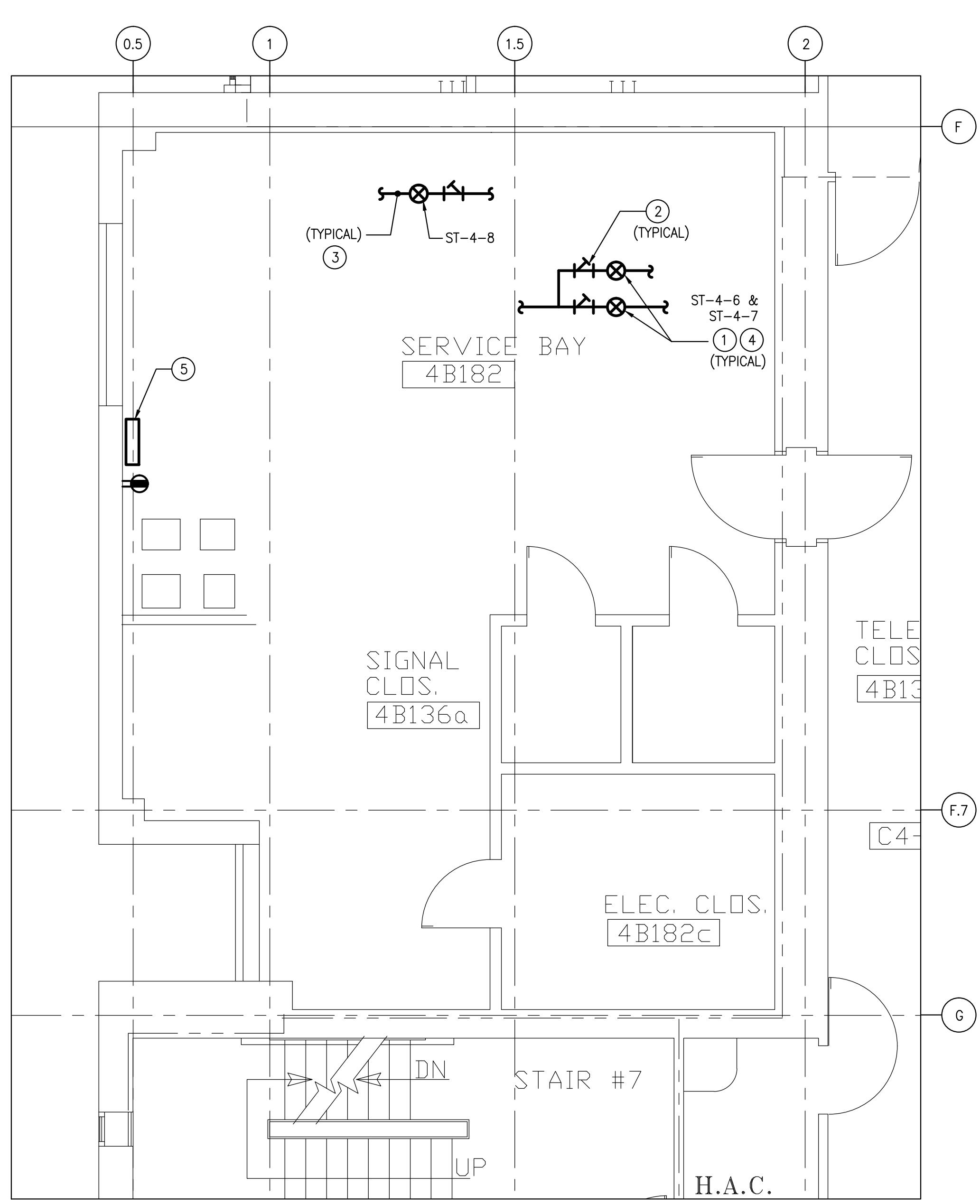
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- IF SUSPECTED ASBESTOS-CONTAINING MATERIALS ARE ENCOUNTERED IN THE COURSE OF THE WORK, THE CONTRACTOR SHALL CEASE WORK WITH THE SUSPECT MATERIAL AND AWAIT DIRECTION FROM THE COTR.
- ALL DEMOLISHED EQUIPMENT AND RUBBISH SHALL BE CLEARED, TRANSPORTED AND DISPOSED OF IN A LAWFUL AND RESPONSIBLE MANNER.
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL REPEATERS AS REQUIRED, BASED ON THE MANUFACTURER'S RF STRENGTH FIELD SITE SURVEY. THE CONTRACTOR SHALL COORDINATE WITH EXISTING BUILDING'S RF SHIELDING EQUIPMENT AND OTHER MAGNETIC EQUIPMENT FREQUENCY INTERFERENCE. THE ENTIRE SYSTEMS SHALL BE INSTALLED BASED ON THE ACTUAL RF STRENGTH FIELD SURVEY, AND AS PER UNIT MANUFACTURER'S RECOMMENDATION FOR PROPER OPERATION.

KEYED NOTES-DEMOLITION/NEW WORK

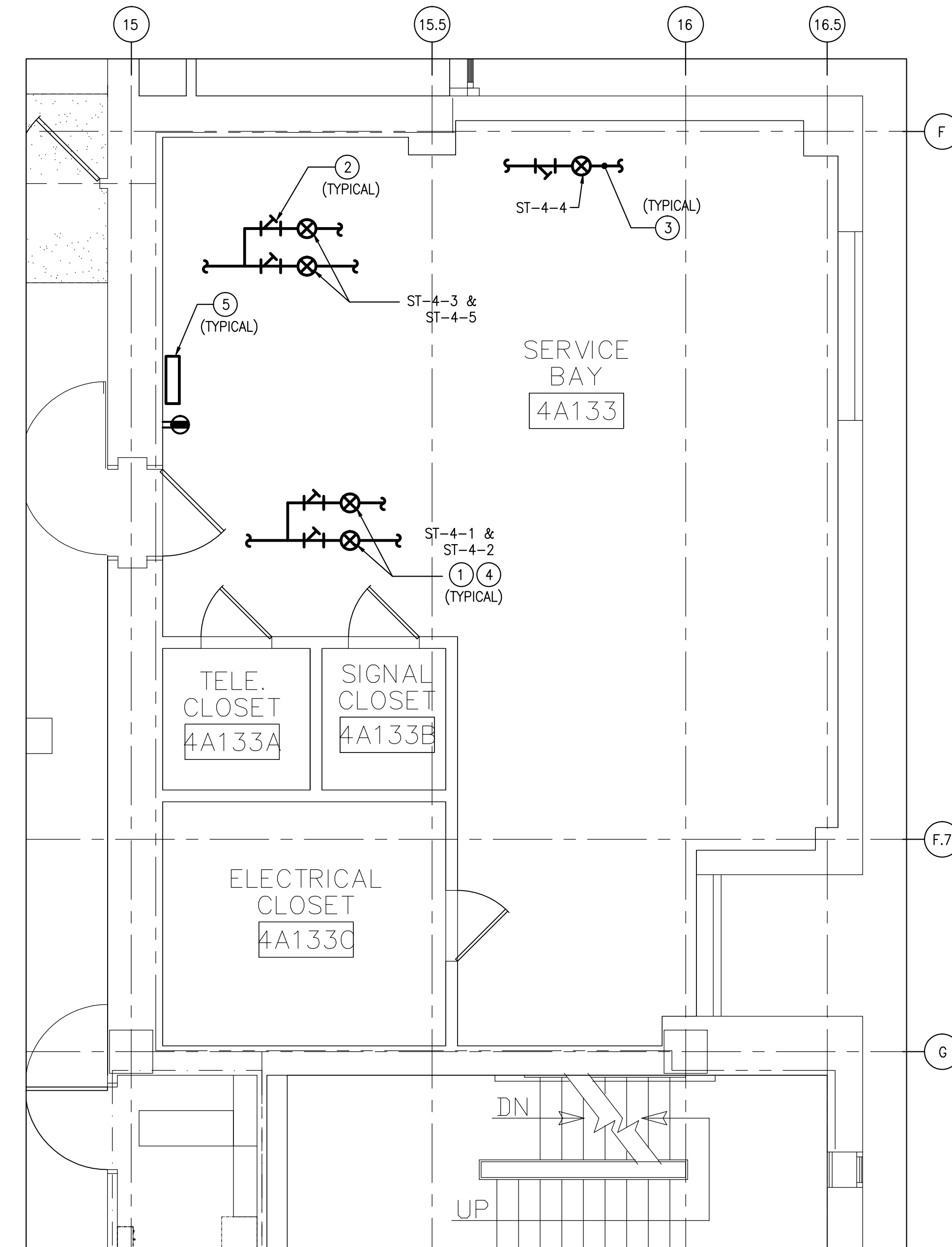
- EXISTING STEAM TRAP (TYPICAL).
- EXISTING STRAINER (TYPICAL).
- EXISTING STEAM CONDENSATE RETURN PIPING (TYPICAL).
- PROVIDE RF TRANSMITTER (SENSOR), ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION. REMOVE EXISTING PIPE INSULATION TO ACCOMMODATE REPEATERS AND PROVIDE NEW INSULATION AS REQUIRED. THE INSULATION MATERIALS AND THICKNESS SHALL MATCH EXISTING. THE CONTRACTOR SHALL INSTALL A SIGN AT THE STEAM TRAP LOCATIONS. (TYPICAL).
- PROVIDE REPEATER, ARMSTRONG STEAM EYE II 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL).

NOTE * THE ITEMS/SYSTEMS WHICH ARE IDENTIFIED BY THIS SYMBOL ARE IN THE SCOPE OF WORK FOR THIS PROJECT. THE ITEMS/SYSTEMS WHICH ARE NOT IDENTIFIED BY THIS SYMBOL WILL BE INSTALLED IN A SEPARATE CONTRACT, AND AS DIRECTED BY THE VAMC CONTRACTING OFFICER.

** EXISTING STEAM TRAPS SHALL BE REPLACED WITH NEW. THE NEW STEAM TRAPS TYPE, SIZE AND MATERIALS SHALL MATCH EXISTING. INSTALL THE UNIT AS PER MANUFACTURER RECOMMENDATIONS. THE CONTRACTOR SHALL FIELD VERIFY FOR PROPER INSTALLATION. MODIFY/PROVIDE ADDITIONAL PIPING AND INSULATION AS REQUIRED.



3
1-MP9
PART FOURTH FLOOR PLAN-QUADRANT-B
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"



4
1-MP9
PART FOURTH FLOOR PLAN-QUADRANT-A
DEMOLITION/NEW WORK
SCALE: 1/4" = 1'-0"

STEAM TRAP SCHEDULE						
SL. NO.	LOCATION	IDENTIFICATION NUMBER	STEAM TRAP TYPE	SIZE	STRAINER	SERVING
1	SERVICE BAY, AREA-"A" - 4A133	ST-4-1	THERMODYNAMIC	3/4	YES	HUMIDIFIER
2	SERVICE BAY, AREA-"A" - 4A133	ST-4-2	THERMODYNAMIC	3/4	YES	HUMIDIFIER
3	SERVICE BAY, AREA-"A" - 4A133	ST-4-3	THERMODYNAMIC	3/4	YES	HUMIDIFIER
4	SERVICE BAY, AREA-"A" - 4A133	ST-4-4	THERMODYNAMIC	1/2	YES	DRIP LEG
5	SERVICE BAY, AREA-"A" - 4A133	ST-4-5	THERMODYNAMIC	3/4	YES	HUMIDIFIER
6	SERVICE BAY, AREA-"B" - 4B182	ST-4-6	THERMODYNAMIC	3/4	YES	HUMIDIFIER
7	SERVICE BAY, AREA-"B" - 4B182	ST-4-7	THERMODYNAMIC	3/4	YES	HUMIDIFIER
8	SERVICE BAY, AREA-"B" - 4B182	ST-4-8	THERMODYNAMIC	1/2	YES	DRIP LEG
9	SERVICE BAY, AREA-"C" - 4C120	ST-4-9	THERMODYNAMIC	3/4	YES	HUMIDIFIER
10	SERVICE BAY, AREA-"C" - 4C120	ST-4-10	THERMODYNAMIC	1/2	YES	DRIP LEG
11	SERVICE BAY, AREA-"C" - 4C120	ST-4-11	THERMODYNAMIC	1/2	YES	HUMIDIFIER
12	SERVICE BAY, AREA-"D" - 4D154	ST-4-12	THERMODYNAMIC	1/2	YES	DRIP LEG
13	SERVICE BAY, AREA-"D" - 4D154	ST-4-13	THERMODYNAMIC	3/4	YES	HUMIDIFIER
14	SERVICE BAY, AREA-"D" - 4D154	ST-4-14	THERMODYNAMIC	3/4	YES	HUMIDIFIER
15	SERVICE BAY, AREA-"D" - 4D154	ST-4-15	THERMODYNAMIC	1/2	YES	DRIP LEG
16	SERVICE BAY, AREA-"D" - 4D154	ST-4-16	THERMODYNAMIC	1/2	YES	DRIP LEG
17	SERVICE BAY, AREA-"D" - 4D154	ST-4-17	THERMODYNAMIC	3/4	YES	HUMIDIFIER
18	SERVICE BAY, AREA-"D" - 4D154	ST-4-18	THERMODYNAMIC	3/4	YES	HUMIDIFIER
19	SERVICE BAY, AREA-"D" - 4D154	ST-4-19	THERMODYNAMIC	3/4	YES	DRIP LEG
20	SERVICE BAY, AREA-"D" - 4D154	ST-4-20	THERMODYNAMIC	3/4	YES	DRIP LEG
21	SERVICE BAY, AREA-"D" - 4D154	ST-4-21	THERMODYNAMIC	1/2	YES	DRIP LEG

NOTE:

- PROVIDE WIRELESS STEAM MONITORING SYSTEM. INSTALL RF TRANSMITTER AT EACH STEAM TRAP, ARMSTRONG 4700 SERIES (OR) APPROVED EQUAL. PROVIDE MOUNTING HARDWARE, INSULATION JACKET AND ACCESSORIES, ETC. PROVIDE POWER CONNECTION AS REQUIRED. INSTALL ENTIRE SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR SHALL COORDINATE WITH UNIT MANUFACTURING COMPANY FOR INSTALLATION AND PROPER OPERATION (TYPICAL OF 21).

TYPICAL DEMOLITION NOTES

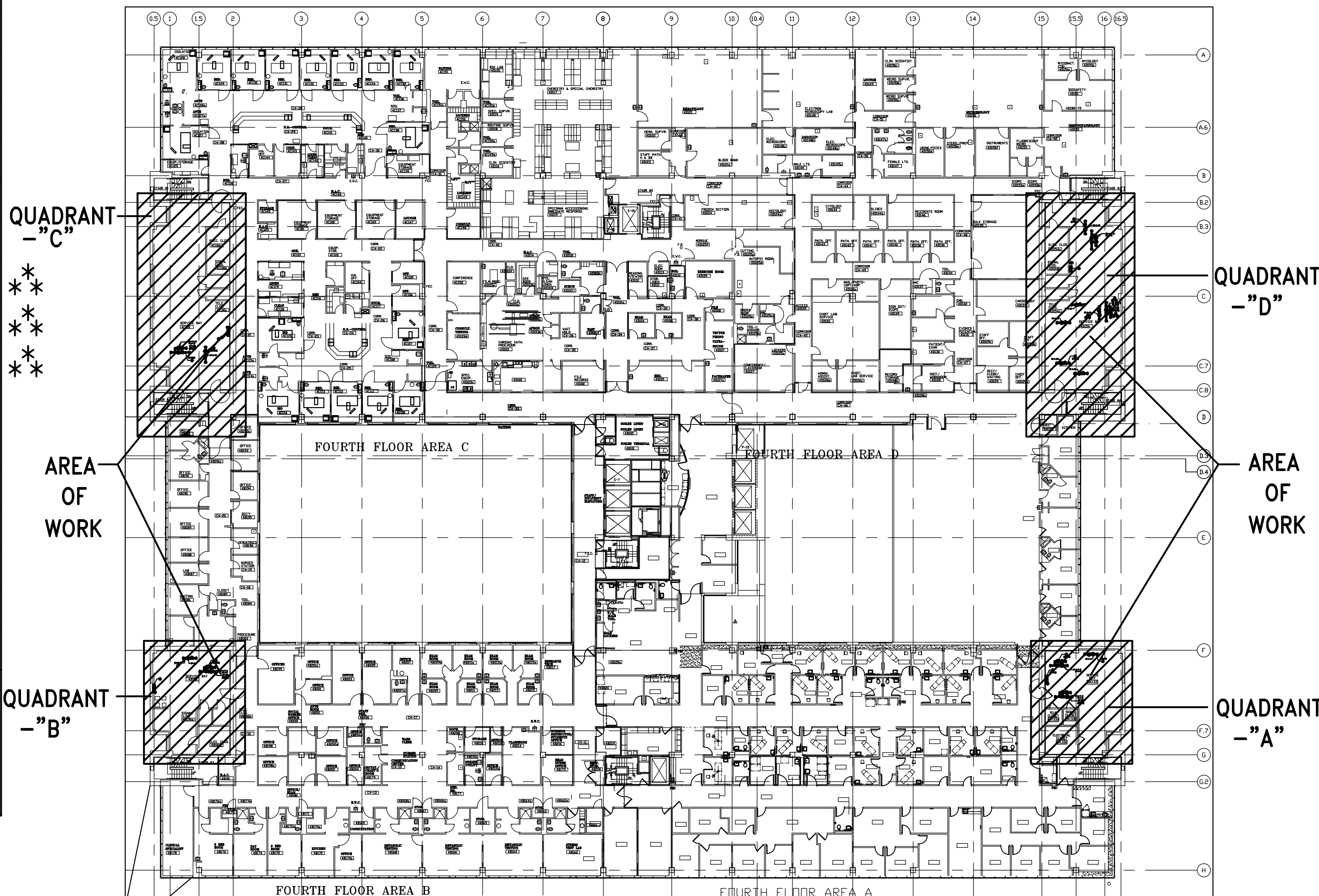
FOR ALL ITEMS SCHEDULED FOR DEMOLITION, COORDINATE WITH OWNER'S REP. REGARDING WHICH ITEMS ARE TO BE PROTECTED, SALVAGED, AND/OR DISCARDED.

SCHEDULING & SEQUENCING OF THE WORK:

PRIOR TO COMMENCEMENT OF ANY WORK ON THE PROJECT, THE CONTRACTOR SHALL MEET WITH THE OWNER'S REP. & A REPRESENTATIVE OF THE "END USER" TO DISCUSS & FORMULATE A SCHEDULING & SEQUENCING OF THE WORK PLAN IN AN EFFORT TO MINIMIZE THE DISRUPTION OF ONGOING SERVICES & ACTIVITIES WITHIN THE AREAS OF THE WORK. BEFORE COMMENCEMENT OF THE WORK THE CONTRACTOR SHALL DEVELOP A WRITTEN PLAN OF SCHEDULING & SEQUENCING INDICATING TARGET DATES FOR CERTAIN PHASES ON THE WORK & ASSOCIATED SELECTIVE DEMOLITION PROVIDE COPIES TO COTR APPROVAL.

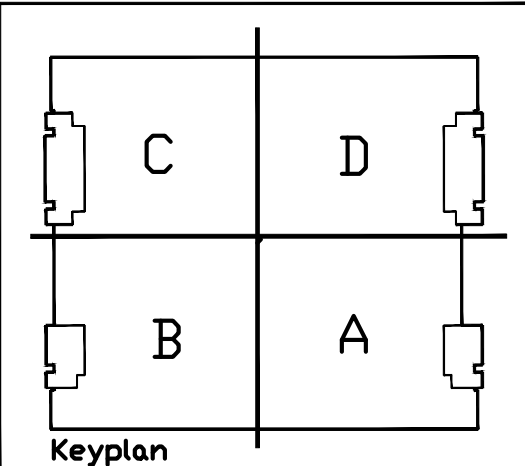
ELECTRICAL COMPONENTS: COORDINATE REMOVAL OF ELECTRICAL SYSTEMS AND COMPONENTS WITH ELECTRICAL DRAWINGS. REMOVE ANY EXISTING WIRE MOLD. ALL CABLEING TO RUN INSIDE WALLS.

MECHANICAL AND PLUMBING COMPONENTS: COORDINATE REMOVAL OF MECHANICAL AND PLUMBING SYSTEMS AND COMPONENTS WITH MECHANICAL DRAWINGS.

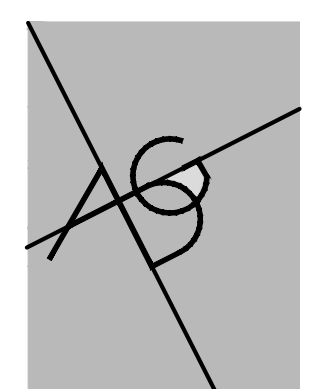


KEY PLAN - FOURTH FLOOR PLAN FULLY SPRINKLERED
SCALE: 1/32" = 1'-0"

Revisions	Date
ADDENDUM # 1	01-03-14
100% SUBMISSION	10-31-13
100% SUBMISSION	10-31-13
95% SUBMISSION	09-20-13
50% SUBMISSION	08-30-13



Seal



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Drawing Title	Scale
FOURTH FLOOR - DEMOLITION AND NEW WORK	
Approved Project Director	Checked

Project Title	Building Number
STEAM TRAP REPLACEMENT & INSTALLATION OF NEW STEAM TRAP MONITORING SYSTEM	1
Location	
BALTIMORE, MD.	

Date	Project No.
10/31/13	512-12-106
Drawing No.	
1-MP9	