

ARCHITECTURAL ROOM FINISH SCHEDULE										
ROOM NO	ROOM NAME	FLOOR	BASE OR WAINSCOT	WALLS				RUB RAIL	CEILING	REMARKS
				N	E	S	W			
166	OFFICE	VCT	BASE	GWB	PT	PT	PT		ACT	GWB (NEW) ENTIRE LENGTH OF NORTH WALL
170	TRAINING ROOM	VCT	BASE	GWB	GWB	GWB	GWB	85 LF	ACT	WALL COLOR WILL CHANGE BELOW RUB RAIL
170a	LUNCH ROOM	VCT	BASE	GWB	GWB	GWB	GWB	-	ACT	CORIAN BACKSPLASH AT KITCHENETTE
171a	OFFICE	VCT	BASE	GWB	GWB	GWB	GWB	20 LF	ACT	
171b	FLEX	VCT	BASE	GWB	GWB	GWB	GWB	-	ACT	
171c	STORAGE	VCT	BASE	GWB	GWB	GWB	GWB	-	ACT	
171d	STORAGE	VCT	BASE	GWB	GWB	GWB	GWB	-	ACT	
172	OPEN OFFICE	VCT	BASE	GWB	GWB	GWB	GWB	-	ACT	
173	-	VCT	BASE	GWB	GWB	GWB	GWB	-	ACT	
181a	HALL	VCT	BASE	GWB	GWB	GWB	GWB	-	ACT	
181b	OFFICE	VCT	BASE	GWB	GWB	GWB	GWB	20 LF	ACT	
181c	OFFICE	VCT	BASE	GWB	GWB	GWB	GWB	20 LF	ACT	
181d	OFFICE	VCT	BASE	GWB	GWB	GWB	GWB	20 LF	ACT	
181e	OFFICE	VCT	BASE	GWB	GWB	GWB	GWB	20 LF	ACT	
199	CORRIDOR	VCT	BASE	PT EXG	PT EXG	PT EXG	PT EXG	-		

FINISH NOTES:

- PAINT ALL HM DOOR FRAMES ON WALLS THAT WILL BE RECEIVING NEW PAINT.
- RESTORE ALL FINISHES DAMAGED BY DEMOLITION AND INSTALLATION
- VCT PATTERN LAYOUT WILL BE ISSUED AT START OF CONSTRUCTION W/ PATTERNS SIMILAR TO PHASE 1
- VIN: MATCH PHASE 1
- RUB RAIL BOD: PROTEK CR-46 RIGID 6" VINYL RUB RAIL ADHERED PER MANUFACTURER'S INSTRUCTIONS; PRE-DRILLED, ATTACHED W/ STAINLESS STEEL SCREWS

GENERAL DOOR AND HARDWARE NOTES:

- ALL NEW DOORS AND FRAMES TO MATCH PHASE 1 SPECIFICATIONS
- HARDWARE SCHEDULE IN PROJECT MANUAL ARCHITECTURAL ADDENDUM
- VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD
- DOOR MATERIAL, FINISH AND LITE TO MATCH PHASE 1
- PROVIDE DOOR STOPS AT ALL DOORS
- WALL AND DOOR SIGNAGE FBO, INSTALLED BY CONTRACTOR
- CLOSET DOOR HARDWARE - DUMMY LEVERS AND MAGNETIC CATCHES
- PHASE 1 CONTRACT INCLUDED (4) EXTERIOR STEEL DOORS THAT WERE NOT INSTALLED. THIS CONTRACT INCLUDES (2) DOORS W/ RECTANGULAR LITES AND (2) FLUSH DOORS
- DOOR REMAINING FROM PHASE 1 IS NOT SCHEDULED
- PRE-INSULATE ALL STUDS AT EXTERIOR DOOR JAMBS PRIOR TO INSTALLATION
- DO NOT PAINT NEW OR EXISTING HINGES OR OTHER HARDWARE

REVISIONS

ISSUE	DATE	REVISIONS

INTERIOR DOOR SCHEDULE													
ROOM	No	TYPE	GLASS	MAT'L	SIZE	FINISH	FRAME	HARDWARE SET	STOP	Hold-Open	CLOSER	LEAF: NEW / EXISTING	REMARKS
CLOSET 166A	166b.1	1	-	WOOD	60 X 84	CLEAR	HM	SEE NOTE 7	(1)			NEW	PAIR, KICK PLATE ON EXTERIOR ONLY
OFFICE 166	166.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	HINGE STOP
LUNCH 170A	170a.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	
LUNCH 170A	170a.2	1	-	STEEL	36 X 84	PTD	HM	1	YES		YES	NEW	HINGE STOP
TRAINING 170	170.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES	YES		NEW	
TRAINING 170	170.2	1	-	WOOD	36 X 84	CLEAR	HM	6	YES	YES		NEW	
TRAINING 170	170.3	3	-	STEEL	36 X 84	PTD	HM	1	-		YES	NEW	
TRAINING 170	170.4	2	YES	STEEL	36 X 84	PTD	HM	1	-		YES	NEW	FACTORY PAINTED
OFFICE 171A	171a.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	(2) COAT HOOKS
STORAGE 171C	171c.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	
STORAGE 171D	171d.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	
HALL 181A	181a.1	2	YES	STEEL	36 X 84	PTD	HM	1	YES			NEW	FACTORY PAINTED
OFFICE 181B	181b.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	(2) COAT HOOKS
OFFICE 181C	181c.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	(2) COAT HOOKS
OFFICE 181D	181d.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	(2) COAT HOOKS
OFFICE 181E	181e.1	1	-	WOOD	36 X 84	CLEAR	HM	6	YES			NEW	(2) COAT HOOKS
CORRIDOR 199	199.1	1	-	WOOD	60 X 84	CLEAR	HM	SEE NOTE 7	NO			NEW	PAIR, KICK PLATE ON EXTERIOR ONLY
CORRIDOR 199	199.2	1	-	WOOD	60 X 84	CLEAR	HM	SEE NOTE 7	NO			NEW	PAIR, KICK PLATE ON EXTERIOR ONLY



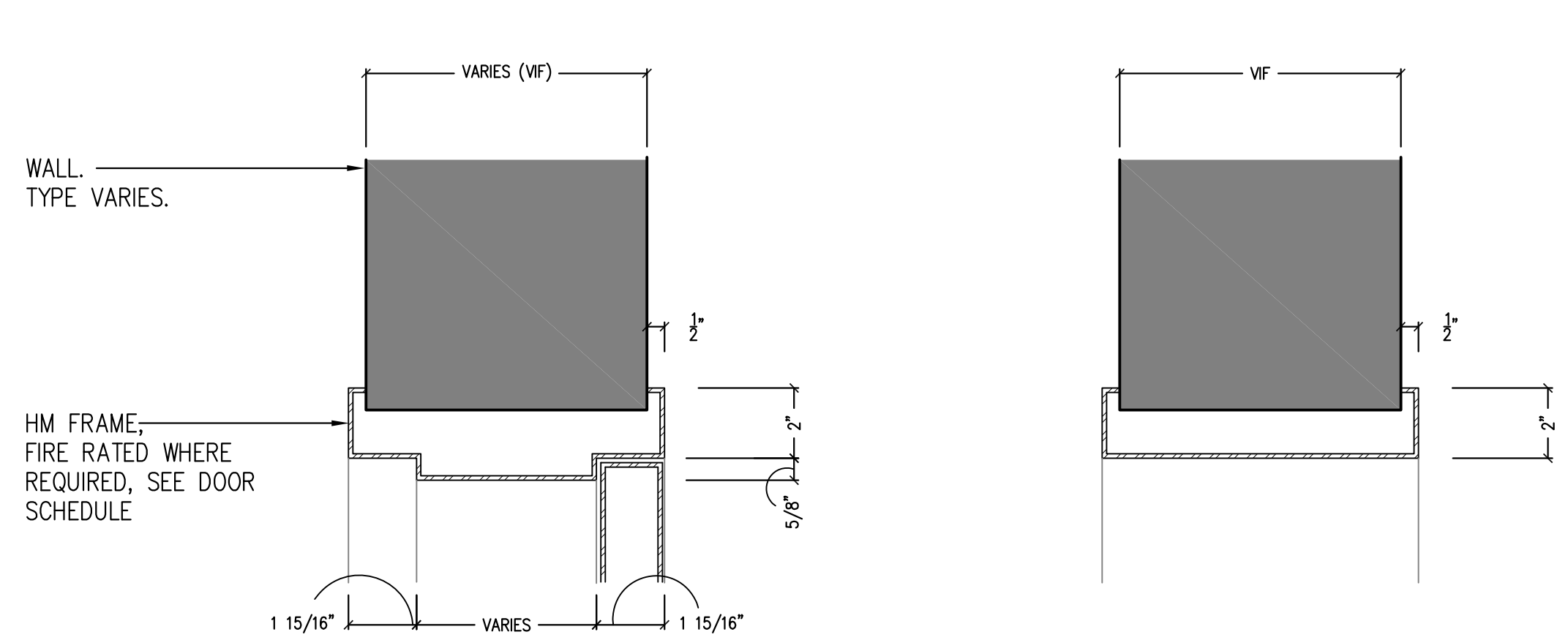
PROJECT COORDINATOR:
 SEAL:
 CONSULTANT:
 BOLENDER ARCHITECTS
 2118 LOCUST STREET
 PHILADELPHIA, PA 19103
 215-731-0390

CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 CITY HALL
 7TH FLOOR
 PHILADELPHIA PENNSYLVANIA
 PROJECT TITLE:
 HEALTH CARE CENTER NO. 10
 PHASE 2 ADDITIONS AND RENOVATIONS
 FIRST FLOOR

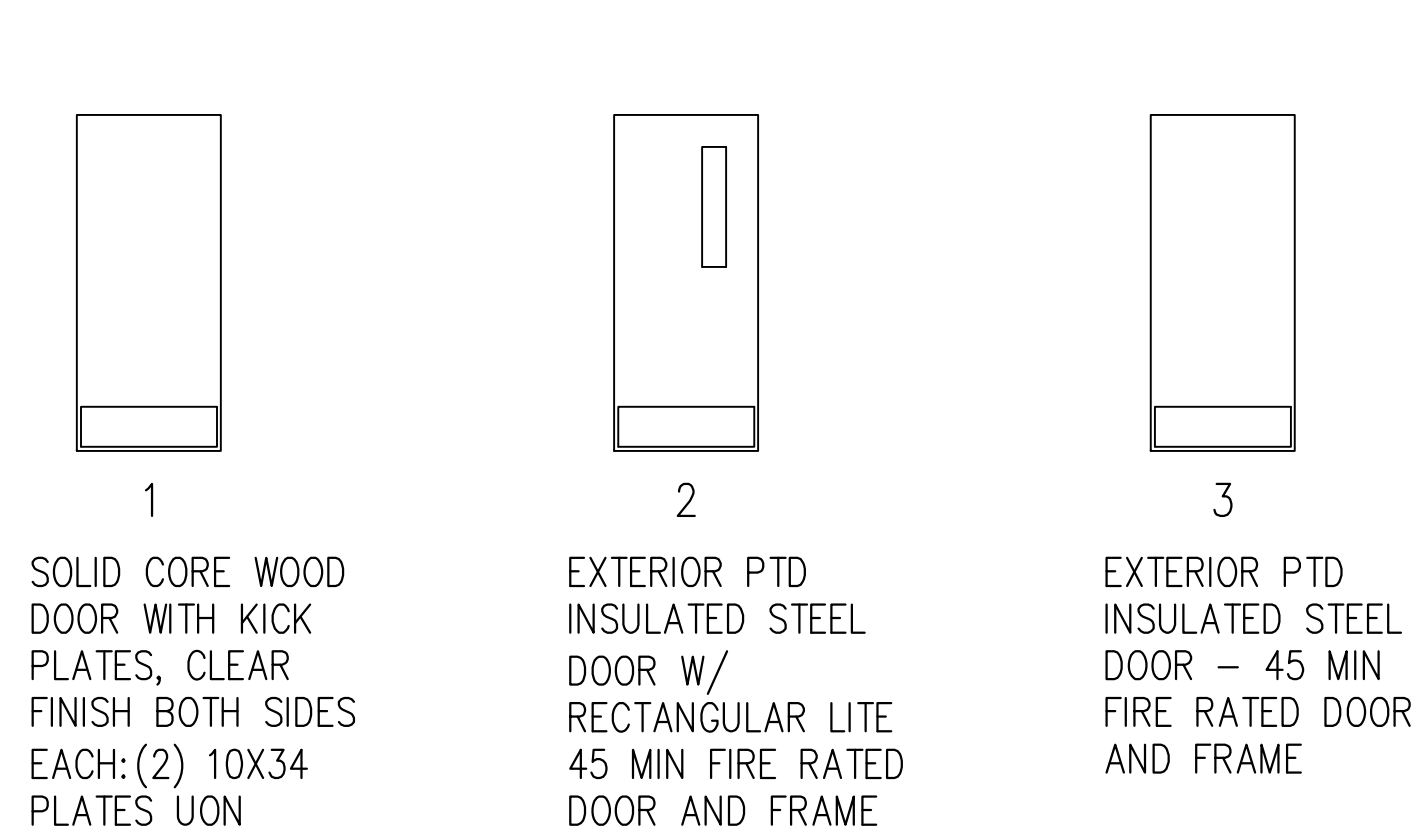
SCHEDULES, PARTITION TYPES AND DOOR DETAILS

PROJECT NO:
 14-18-4745-01
 DATE:
 05.30.19 PERMIT
 DRAWN BY:
 -
 CHECKED BY:
 -
 DRAWING NO:
 A1.2
 FILE PATH:/

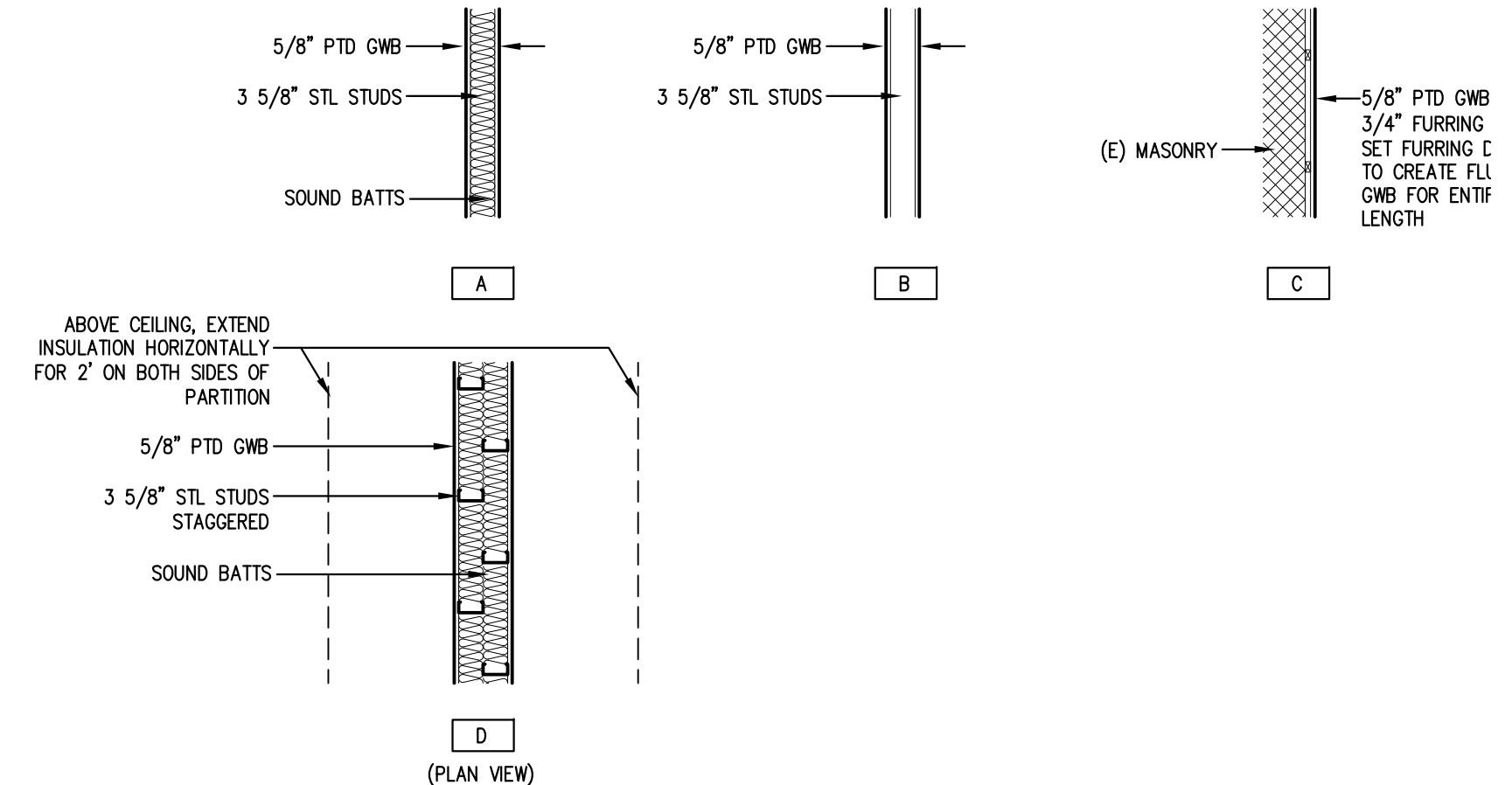
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK



DOOR TYPES:



PARTITION TYPES:

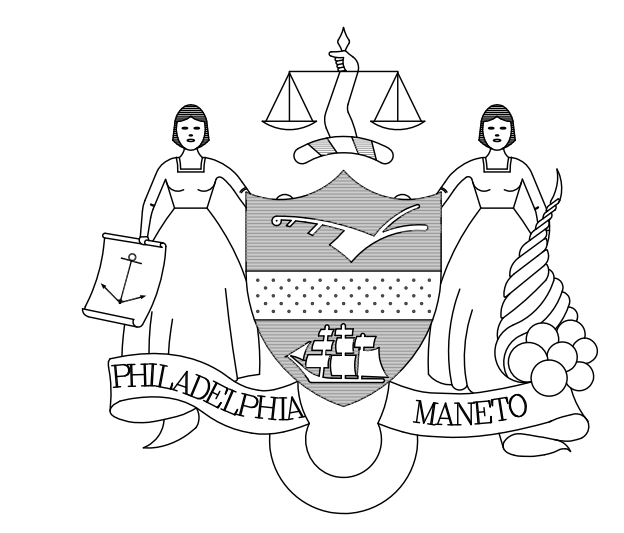


1 TYPICAL DOOR HEAD/ JAMB DETAIL
 Scale: 3"=1'-0"

2 TYPICAL CASEWORK OPENING HEAD/ JAMB DETAIL
 Scale: 3"=1'-0"

REVISIONS

ISSUE	DATE	REVISIONS
	06/11/2019	REV 1



PERMIT SET

PROJECT COORDINATOR:

SEAL:

CONSULTANT:

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100 E. LANCASTER AVENUE, STE 203
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610-688-2566
arpe1991@gmail.com

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

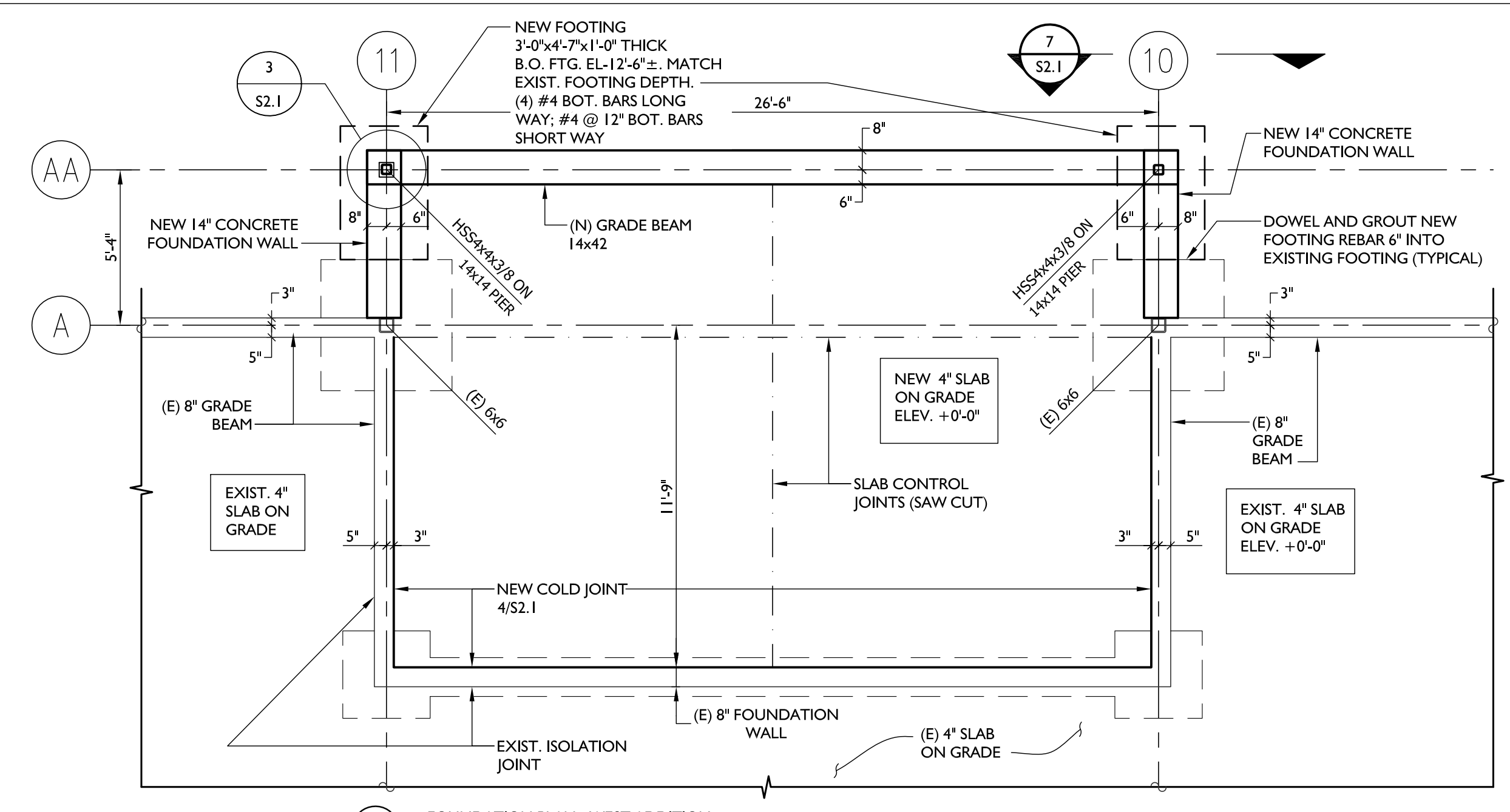
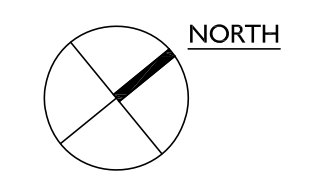
PROJECT TITLE:
HEALTH CARE CENTER NO. 10
PHASE 2 INTERIOR IMPROVEMENTS
1ST FLOOR

DRAWING TITLE:
FOUNDATION PLAN

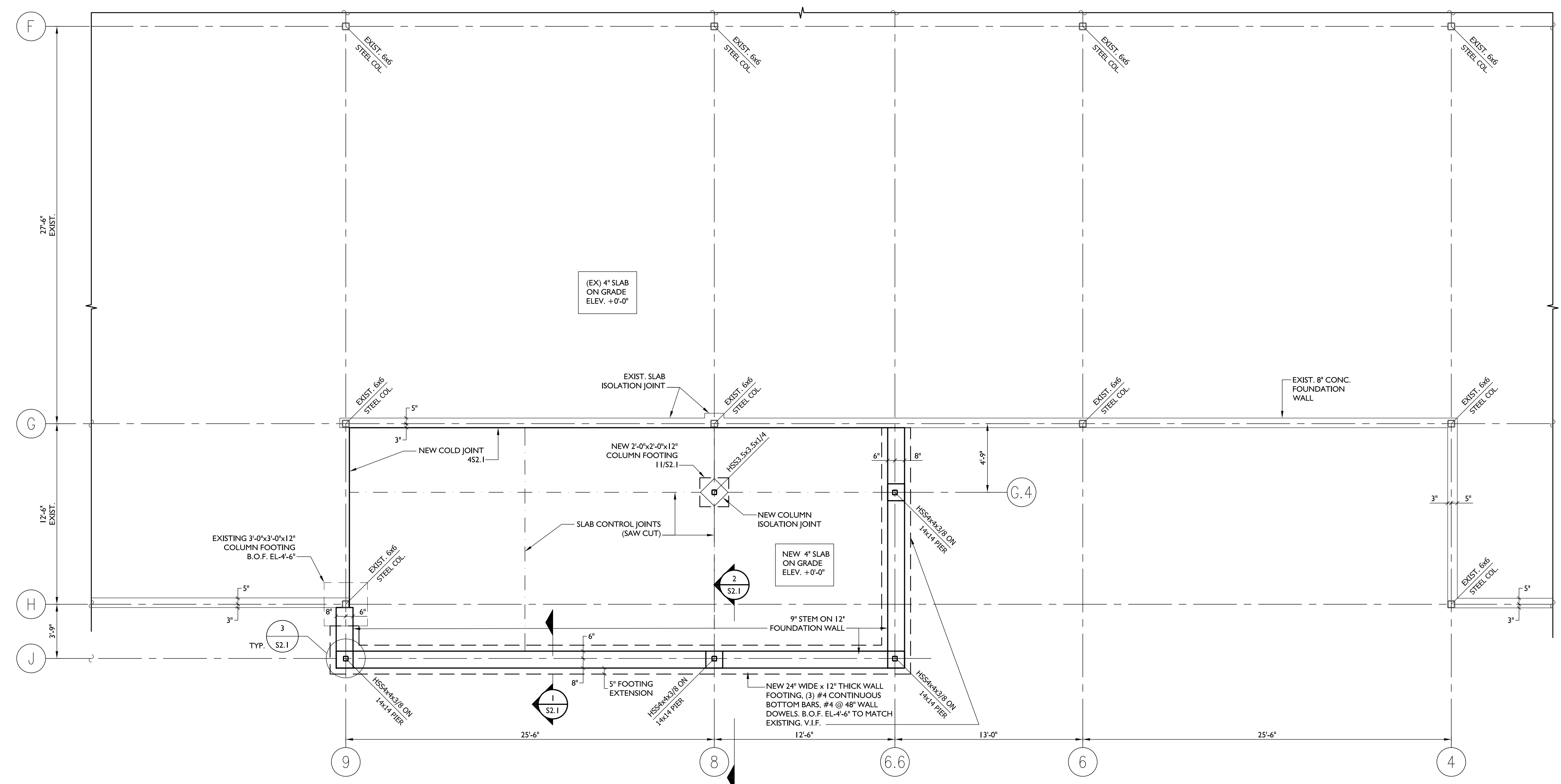
PROJECT NO: 14-18-4745-01	DRAWING NO: S1.1
DATE: 05.30.2019	
DRAWN BY: SH	
CHECKED BY: AR	FILE PATH: /

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK

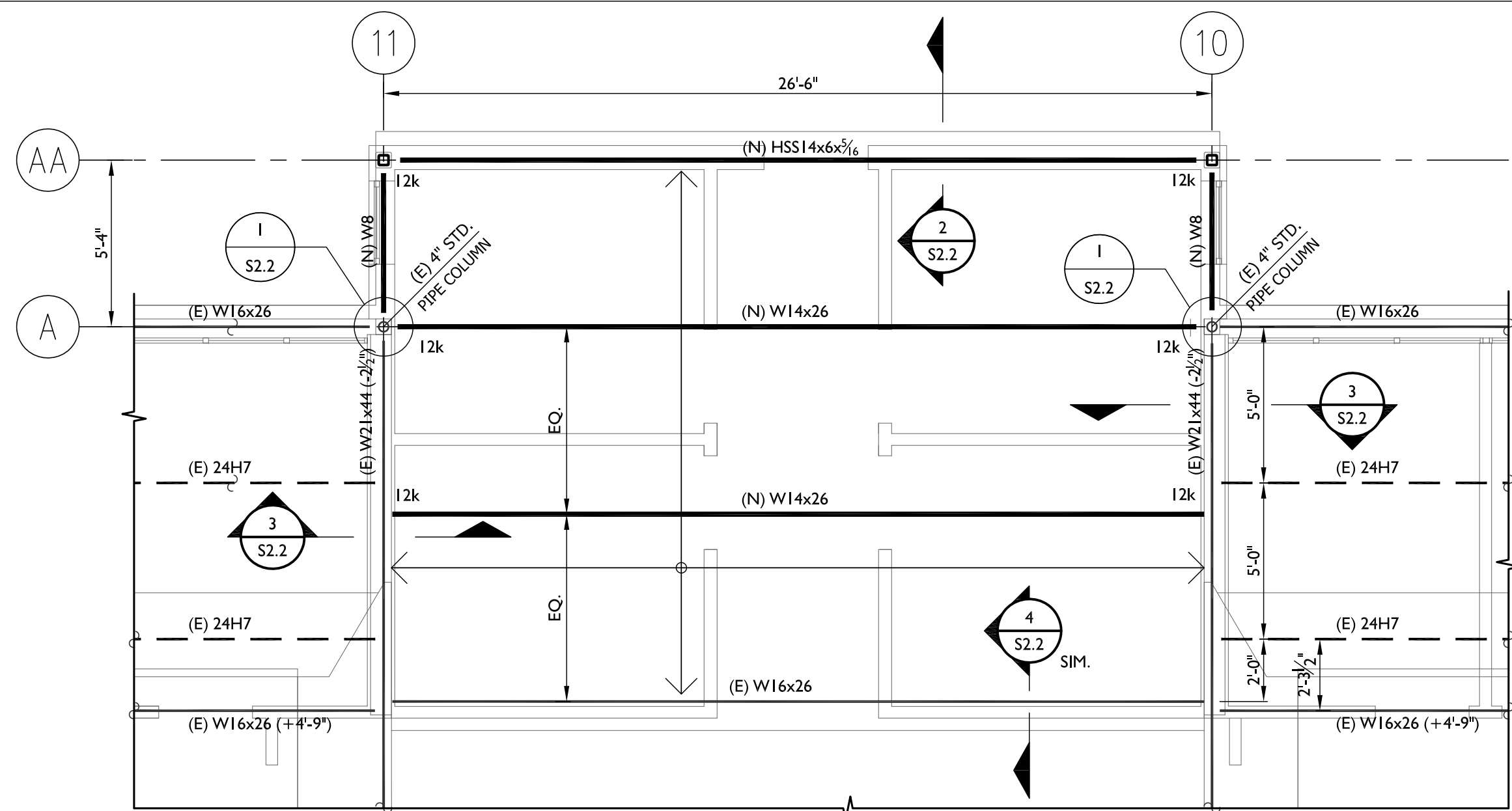
Ann Rothmann, PE



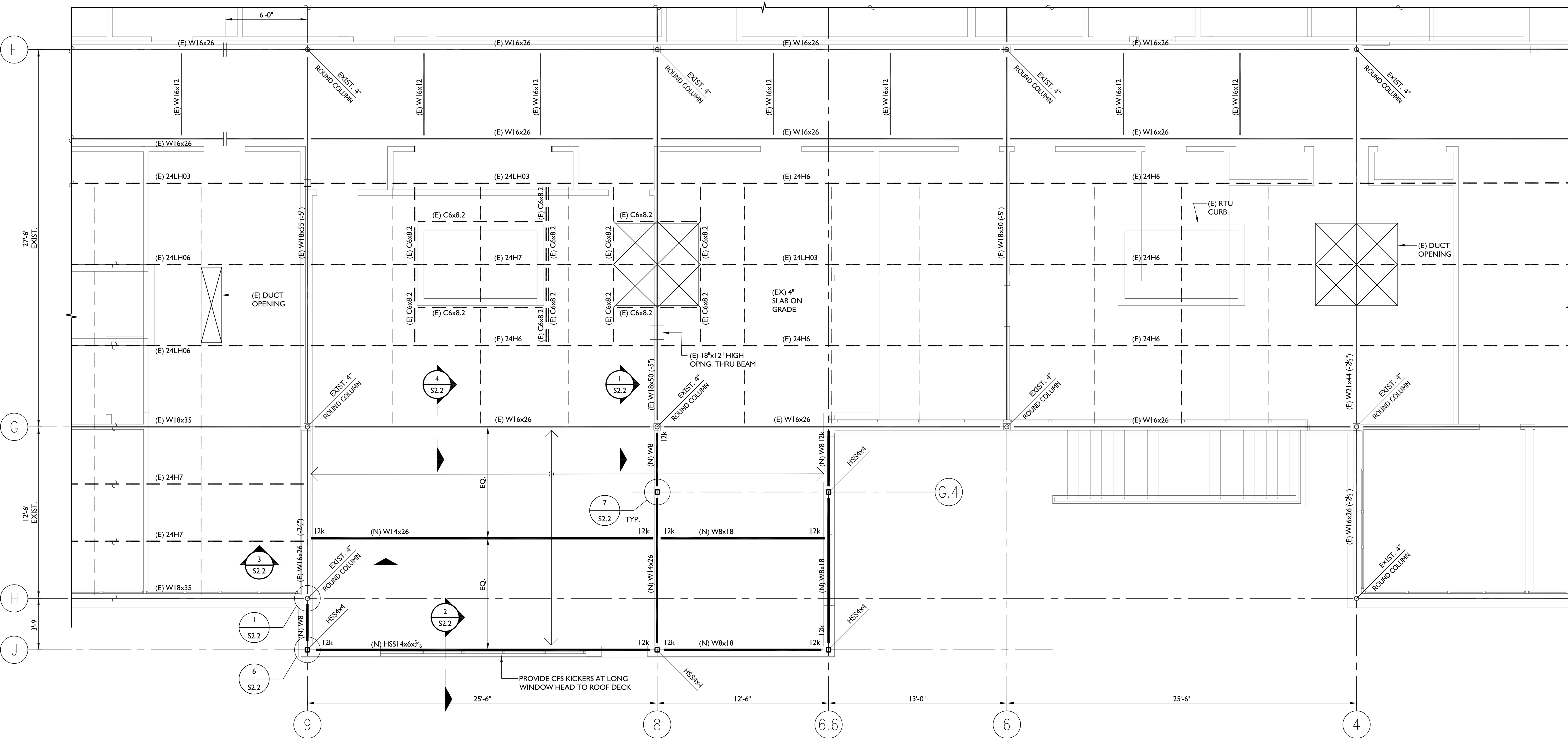
2 FOUNDATION PLAN - WEST ADDITION
SCALE: 1/4"=1'-0"
NOTES:
1. ELEVATIONS DENOTED [X.XX'] ARE RELATIVE TO REFERENCE ELEVATION 106.5.
2. REFER TO S2.1 FOR TYPICAL CONCRETE FOUNDATION DETAILS AND NOTES.



1 FOUNDATION PLAN - EAST ADDITION
SCALE: 1/4"=1'-0"
NOTES:
1. ELEVATIONS DENOTED [X.XX'] ARE RELATIVE TO REFERENCE ELEVATION 106.5.
2. REFER TO S2.1 FOR TYPICAL CONCRETE FOUNDATION DETAILS AND NOTES.



2
S1.2
ROOF FRAMING PLAN - WEST ADDITION
SCALE: 1/4"=1'-0"
NOTE:
1. REFER TO DRAWING NOTES ON I/S1.2.

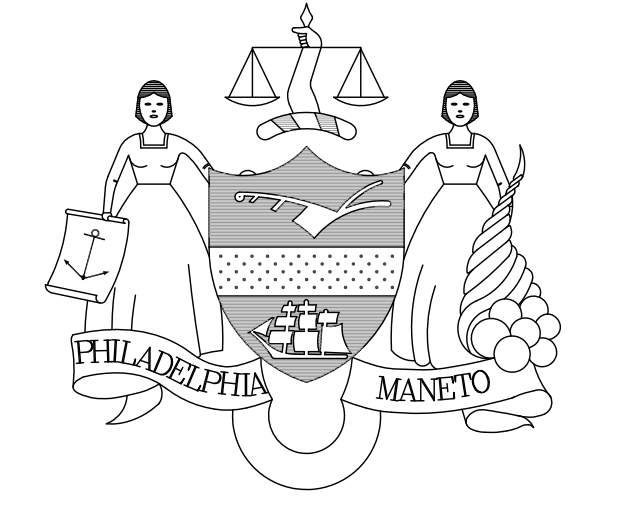


1
S1.2
ROOF FRAMING PLAN - EAST ADDITION
SCALE: 1/4"=1'-0"
NOTES:

1. 1/2" - 20 GAGE WIDE NIB ROOF DECK
2. (N) W8 DENOTES W8x18, U.N.O.
3. (E) DENOTES EXISTING
4. (N) DENOTES NEW
5. REFER TO S2.2 FOR TYPICAL STEEL NOTES AND DETAILS.
6. [K] DENOTES ASD VERTICAL BEAM REACTION IN KIPS.
7. TOP OF NEW ROOF STEEL ELEVATION TO MATCH EXISTING, AT +10'-10 1/2" ABOVE FLOOR SLAB, V.L.F.

REVISIONS

ISSUE	DATE	REVISIONS
	06/11/2019	REV 1



PERMIT SET

PROJECT COORDINATOR:

SEAL:

CONSULTANT:

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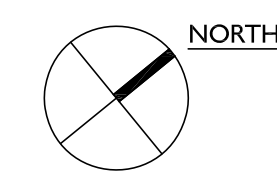
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE:
HEALTH CARE CENTER NO. 10
PHASE 2 INTERIOR IMPROVEMENTS
1ST FLOOR

DRAWING TITLE:
ROOF FRAMING PLAN

PROJECT NO: 14-18-4745-01	DRAWING NO: S1.2
DATE: 05.30.2019	
DRAWN BY: SH	
CHECKED BY: AR	FILE PATH: /

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK



GENERAL NOTES

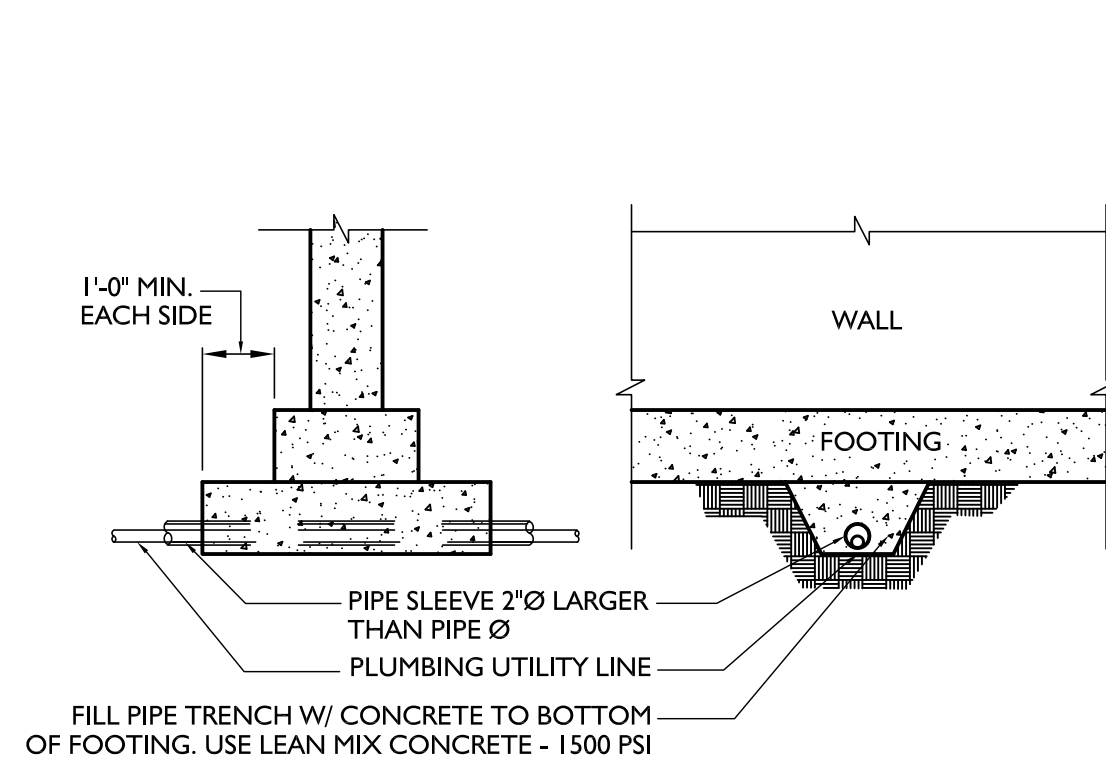
- THIS PROJECT HAS BEEN DESIGNED USING THE 2018 INTERNATIONAL BUILDING CODE (IBC), AND APPLICABLE LOCAL REGULATIONS.
- THESE DRAWINGS REPRESENT THE COMPLETED PROJECT WHICH HAS BEEN DESIGNED FOR THE WEIGHTS OF THE MATERIALS INDICATED ON THE DRAWINGS AND FOR THE SUPERIMPOSED LOADS INDICATED IN THE DESIGN DATA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALLOWABLE CONSTRUCTION OF FALSE WORK, FORMWORK, STAGING, BRACING, SHEETING, AND SHORING, ETC.
- TAKE FIELD MEASUREMENTS AND VERIFY DIMENSIONS ON DRAWINGS BEFORE ORDERING MATERIALS.
- NOTIFY ENGINEER IMMEDIATELY IF ANY EXISTING CONDITIONS CONFLICT WITH STRUCTURAL INFORMATION SHOWN IN THE CONSTRUCTION DOCUMENTS.
- IMPLEMENTING JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- SECTIONS AND DETAILS SHOWN, WHILE DRAWN FOR SPECIFIC LOCATIONS, ARE INTENDED TO ESTABLISH THE GENERAL TYPE OF DETAILS TO BE USED THROUGHOUT. IF THE CONTRACTOR WISHES TO USE DETAILS OTHER THAN THOSE SHOWN ON THE DRAWINGS, SUCH DETAILS SHALL BE SUBMITTED FOR APPROVAL, AND APPROVAL CONFIRMED, BEFORE SHOP DRAWINGS ARE COMMENCED.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR HAVING VISITED THE SITE AND HAVING FAMILIARIZED HIMSELF WITH ALL EXISTING CONDITIONS. ANY QUESTIONS OR DISCREPANCIES FOUND WITH REGARD TO THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND STRUCTURAL ENGINEER.
- THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR WORK THAT SHE DOES NOT REVIEW AND/OR WORK NOT COMPLETED IN ACCORDANCE WITH STRUCTURAL ENGINEER'S PLANS AND/OR SPECIFICATIONS.
- THE STRUCTURAL ENGINEER'S REVIEW OF SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO FOLLOW THE INTENT OF THE CONTRACT DRAWINGS, UNLESS A WRITTEN REQUEST FOR A CHANGE HAS BEEN PREVIOUSLY SUBMITTED AND APPROVED BY THE STRUCTURAL ENGINEER.
- IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, DETAILS AND SPECIFICATIONS, THE CONTRACTOR SHALL SUBMIT A REQUEST FOR CLARIFICATION.
- STRUCTURAL SPECIAL INSPECTIONS ARE A REQUIREMENT FOR THIS PROJECT. A QUALIFIED INDEPENDENT INSPECTION AGENCY REGISTERED WITH THE CITY OF PHILADELPHIA SHALL BE SELECTED TO PERFORM THESE SERVICES. ALL INSPECTIONS AS REQUIRED BY CHAPTER 17 OF THE IBC ARE REQUIRED, AS A MINIMUM. SEE MATERIAL NOTES FOR SPECIFIC INSPECTIONS REQUIRED.
- THE INDEPENDENT INSPECTIONS AGENCY SHALL PERFORM INSPECTIONS AND SUBMIT REPORTS TO THE ENGINEER OF RECORD (EOR) WITHIN 72 HOURS OF INSPECTION. ANY INADEQUACIES FOUND BY THE INSPECTOR SHALL BE REPORTED TO THE EOR WITHIN 24 HOURS. THE CONTRACTOR SHALL FACILITATE THESE INSPECTIONS BY SCHEDULING THE INSPECTIONS TO COORDINATE WITH THE WORK BEING PERFORMED BY THEIR SUB-CONTRACTORS.

DIVISION 2 - EARTHWORK & FOUNDATIONS

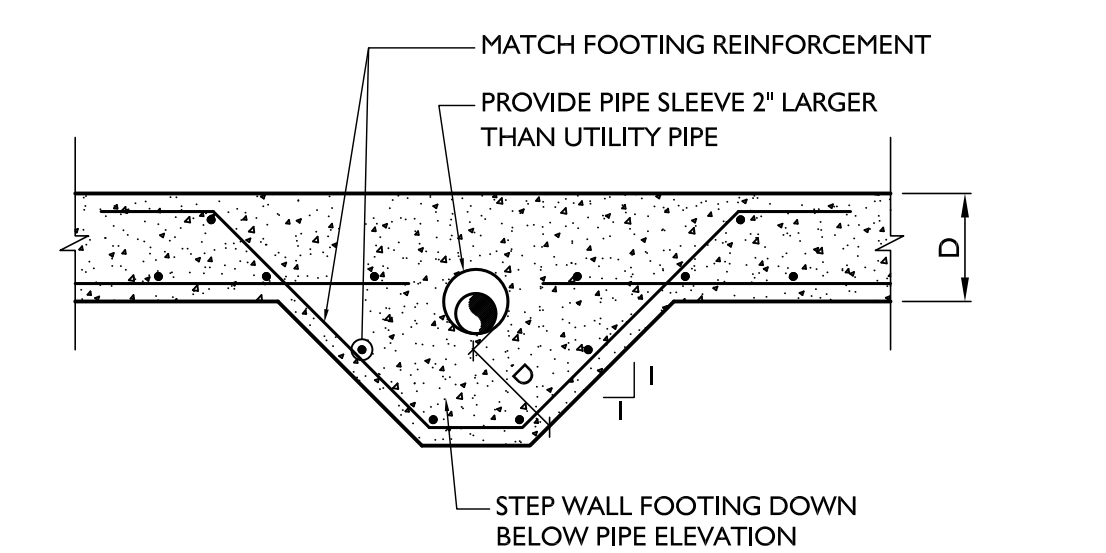
- FOUNDATIONS HAVE BEEN DESIGNED AND FOOTING ELEVATIONS ESTABLISHED BASED ON GEOTECHNICAL DATA PROVIDED IN THE 1973 BUILDING CONSTRUCTION SET.
- SPECIAL INSPECTIONS OF EARTHWORK BY A QUALIFIED GEOTECHNICAL ENGINEER, IS REQUIRED IN ACCORDANCE WITH IBC 2018 CHAPTER 17.
- BUILDING FOUNDATIONS SHALL BEAR ON DENSE UNDISTURBED SOIL HAVING MINIMUM BEARING CAPACITY OF 3000 PSF. ADEQUACY OF BEARING STRATUM SHALL BE VERIFIED IN FIELD BY A QUALIFIED GEOTECHNICAL ENGINEER. ADJUST BOTTOM OF FOOTING ELEVATIONS AS REQUIRED.
- ALL SLABS ON GRADE SHALL BEAR ON UNDISTURBED OR MECHANICALLY COMPACTED SOIL CAPABLE OF SUPPORTING 1000 PSF. EXISTING FILL AND SOFT RESIDUAL SOILS SHOULD BE UNDERCUT AND REPLACED WITH STRUCTURAL FILL AND THE SLAB BASE COURSE. THE SLAB BASE COURSE SHALL CONSIST OF AT LEAST 6" OF PA DOT NO. 57 OR 67 COMPACTED CRUSHED STONE UNDER A 10MIL (MINIMUM) POLYETHYLENE SHEET OR EQUIVALENT.
- AT ALL FOUNDATIONS, SLABS ON GRADE AND PAVEMENTS REQUIRING ENGINEERED COMPACTED STRUCTURAL FILL MATERIALS, PROVIDE THE FOLLOWING: REMOVE EXISTING UPPER STRATUM OF UNSATISFACTORY SOIL INCLUDING ORGANIC MATERIAL. PROOF ROLL SUBGRADE TO OBTAIN UNIFORMLY DENSIFIED SUBSTRATA PRIOR TO PLACING FILL MATERIAL EVENLY IN 8" THICK MAXIMUM LAYERS AND COMPACTING TO REQUIRED DENSITY. SATISFACTORY FILL MATERIALS FOR SITE WORK SHALL COMPLY WITH ASTM D2487, GROUPS GW, GP, GM, SM, SW AND SP. ON SITE BORROW SHALL BE TESTED TO DETERMINE SUITABILITY FOR USE AS FILL MATERIAL. COMPACT SOIL TO NOT LESS THAN 95% OF MAXIMUM DENSITY OF MODIFIED PROCTOR (ASTM D1557). FILL AND BACKFILL THAT IS PLACED FOR SITE GRADING IN NON-STRUCTURAL LANDSCAPE AREAS MAY BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY OF MODIFIED PROCTOR. ALL COMPACTED FILL PLACEMENT SHALL BE INSPECTED BY A GEOTECHNICAL ENGINEER.
- STRUCTURAL FILL MATERIALS SHALL BE FREE OF ORGANIC MATTER, ASH, CINDERS, FROZEN MATERIALS, AND DEMOLITION DEBRIS. ITS PLASTICITY INDEX SHALL BE LESS THAN 10. IT SHALL BE LESS THAN 15 PERCENT BY WEIGHT ROCK FRAGMENTS LARGER THAN 3", LESS THAN 30 PERCENT BY WEIGHT LARGER THAN 1/4", AND LESS THAN 30 PERCENT BY WEIGHT SMALLER THAN THE NO. 200 SIEVE.
- CONCRETE FOR FOUNDATIONS SHALL BE POURED ON THE SAME DAY SUBGRADE APPROVAL IS GIVEN BY THE GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL SUBMIT A REPORT DETAILING SUBGRADE APPROVAL FOR THE EOR'S REVIEW.
- ALL EXTERIOR FOOTINGS AND GRADE BEAMS SHALL BE PLACED A MINIMUM OF 3'-0" BELOW FINAL GRADE.
- FOOTINGS SHALL BE PLACED AT THE DEPTH OF ADJOINING FOOTINGS.
- EXCAVATIONS FOR ANY PURPOSE SHALL NOT REMOVE LATERAL SUPPORT FROM ANY FOOTING OR FOUNDATION WITHOUT PROTECTING THE FOOTING OR FOUNDATION AGAINST SETTLEMENT OR LATERAL TRANSLATION.
- RIPPING AND HAMMERING MAY BE NECESSARY TO FACILITATE THE SITE EXCAVATION WHERE DECOMPOSED SCHIST IS ENCOUNTERED. NO BLASTING SHALL BE PERMITTED.
- EXCAVATIONS SHALL HAVE A MAXIMUM ALLOWABLE SLOPE FROM THE HORIZONTAL OF 1:1 FOR COHESIVE SOILS, AND 1.5:1 FOR GRANULAR SOILS. ADDITIONALLY, EXCAVATIONS SHALL MEET OSHA REQUIREMENTS FOR SLOPING AND BENCHING.

DIVISION 3 - CONCRETE

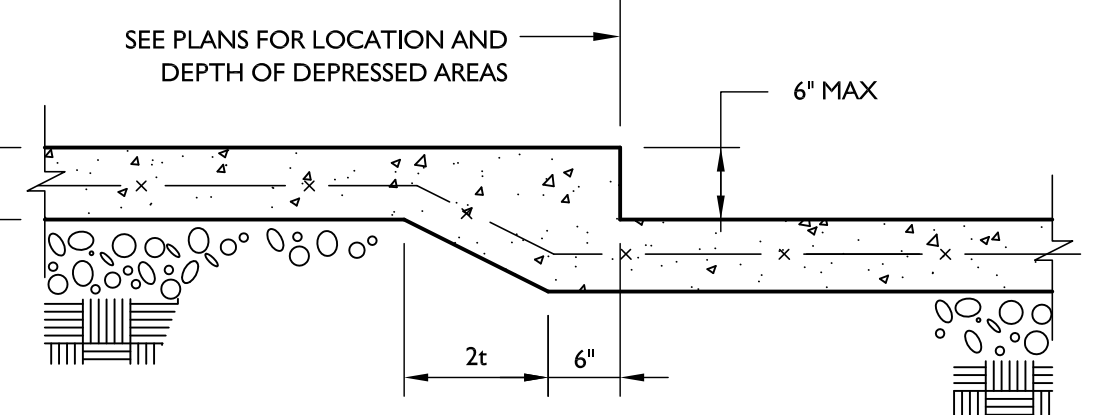
- ALL CONCRETE WORK SHALL CONFORM TO THE ACI "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI 318, LATEST EDITION AND TO ACI 301, "SPECIFICATIONS FOR CONCRETE FOR BUILDINGS", AND ALL RECOMMENDED PRACTICES CONTAINED THEREIN SHALL BE CONSIDERED MANDATORY FOR THIS PROJECT.
- CONCRETE ADMIXTURES CONTAINING CALCIUM CHLORIDE OR OTHER CHLORIDE SALTS SHALL NOT BE USED, EXCEPT WHEN WATER SOLUBLE CHLORIDE ION CONTENT IS LIMITED TO 0.30 PERCENT BY WEIGHT OF CEMENT.
- ALL STRUCTURAL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (F_c) AT 28 DAYS OF 4000 PSI.
- GROUT BENEATH BASE PLATES, SHALL BE NON-SHRINK (ASTM C1107) WITH A ONE DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. REINFORCING STEEL SHALL BE DETAILED ACCORDING TO THE ACI MANUAL OF STANDARD PRACTICE (ACI 315), LATEST EDITION.
- WELDED WIRE REINFORCING (WWR) SHALL CONFORM TO ASTM A185, WITH A MINIMUM ULTIMATE TENSILE STRENGTH OF 70,000 PSI.
- PROVIDE CRACK CONTROL JOINTS (OF DEPTH = 1/4 THE SLAB THICKNESS) FOR SLABS ON GRADE AT 15 FEET O.C. MAXIMUM SPACING. AT UNEXPOSED SLABS, JOINTS SHALL BE SAW-CUT WITHIN THE FIRST 12 HOURS OF CONCRETE PLACEMENT. AT EXPOSED SLABS, JOINTS SHALL BE FORMED. TERMINATE CONTROL JOINTS AT COLUMN AND WALL ISOLATION JOINTS.
- BONDING AGENT SHALL BE USED WHERE NEW CONCRETE IS PLACED AGAINST EXISTING CONCRETE.
- CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304, LATEST EDITION. CONCRETE SHALL NOT BE SUBJECT TO DROPS IN EXCESS OF 5 FEET.
- SPECIAL INSPECTIONS OF CONCRETE WORK ARE REQUIRED IN ACCORDANCE WITH IBC 2018 CHAPTER 17, AS FOLLOWS:
PERIODIC INSPECTIONS OF WALLS AND GRADE BEAMS, (FOOTINGS AND SLABS ON GRADE DO NOT REQUIRE SPECIAL INSPECTIONS):
- REBAR AND CAST-IN-PLACE ANCHOR PLACEMENT;
- USE OF SPECIFIED DESIGN MIX, INCLUDING CONCRETE SAMPLING AND TESTING;
- CURING TEMPERATURE AND TECHNIQUES.
CONTINUOUS INSPECTION:
- OBSERVE INSTALLATION OF ALL POST-INSTALLED-ANCHORS.



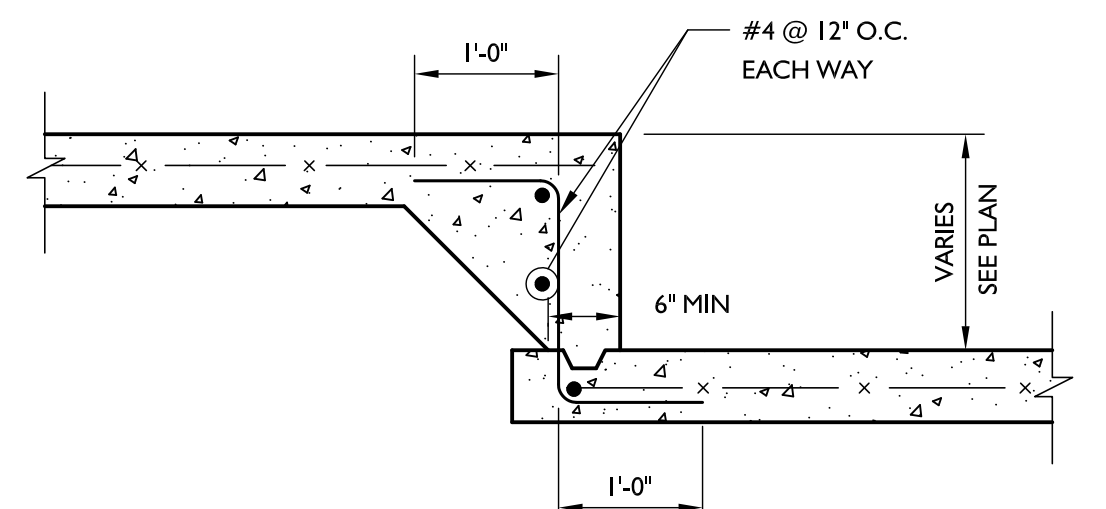
7 UTILITY PIPE UNDER WALL FOOTING
SCALE: N.T.S.



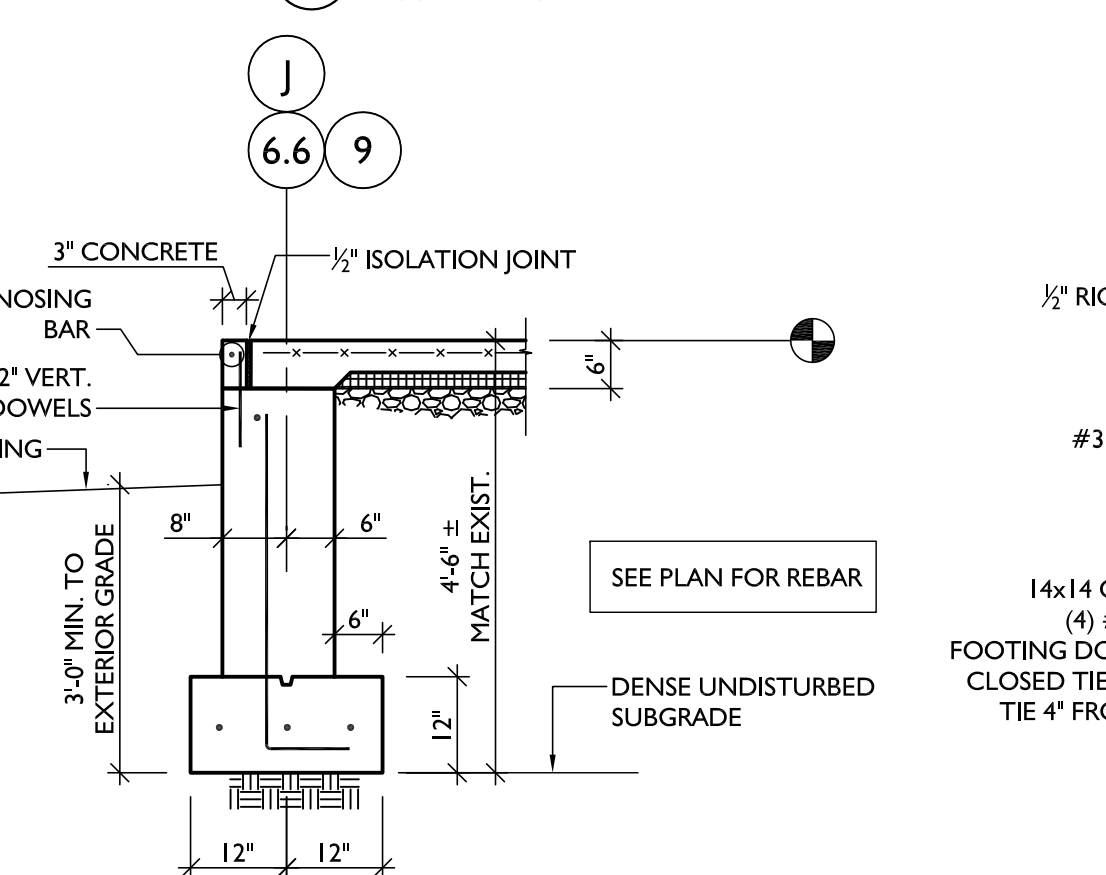
8 UTILITY PIPE THRU WALL FOOTING
SCALE: N.T.S.



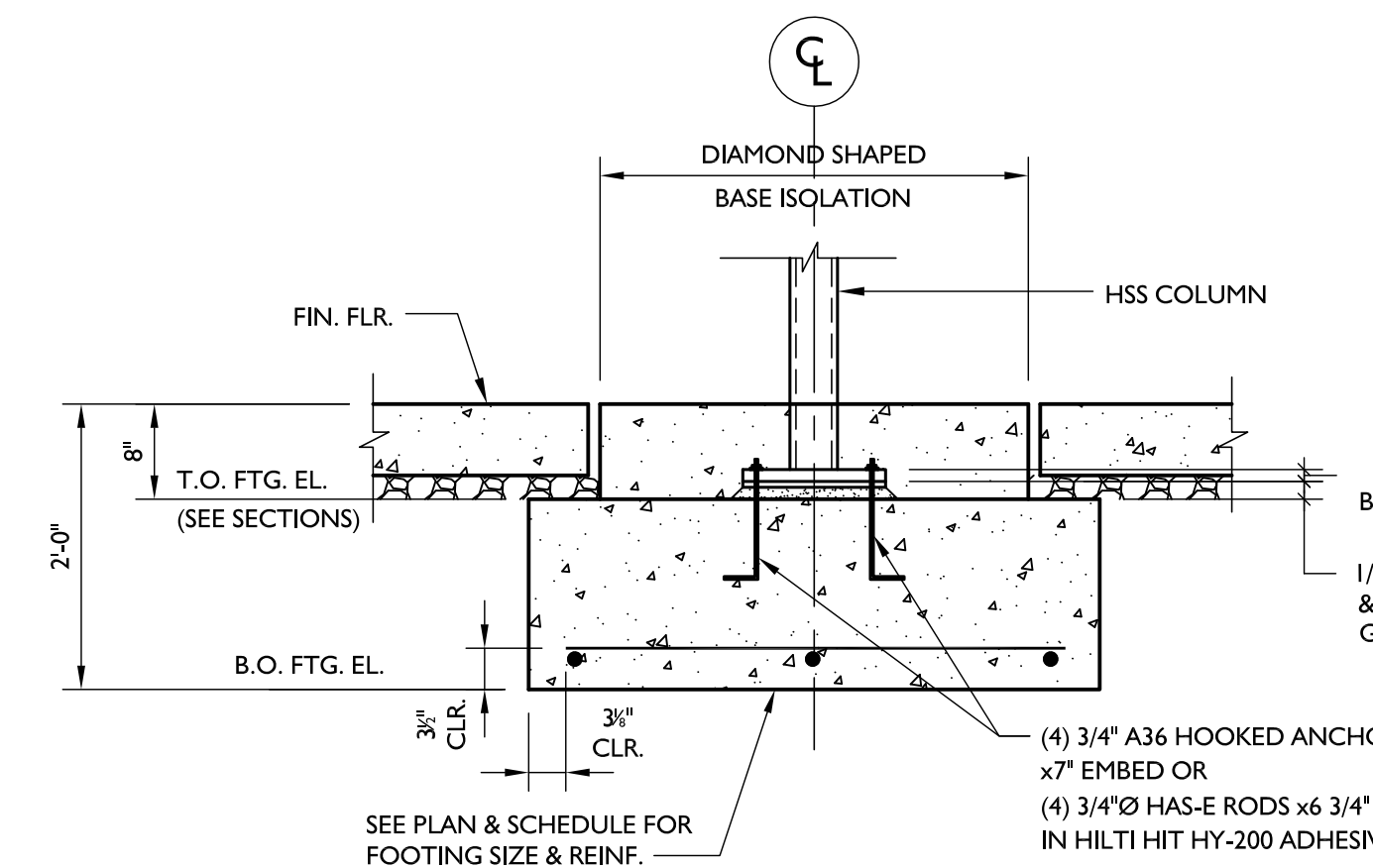
5 DEPRESSED SLAB DETAILS
SCALE: N.T.S.



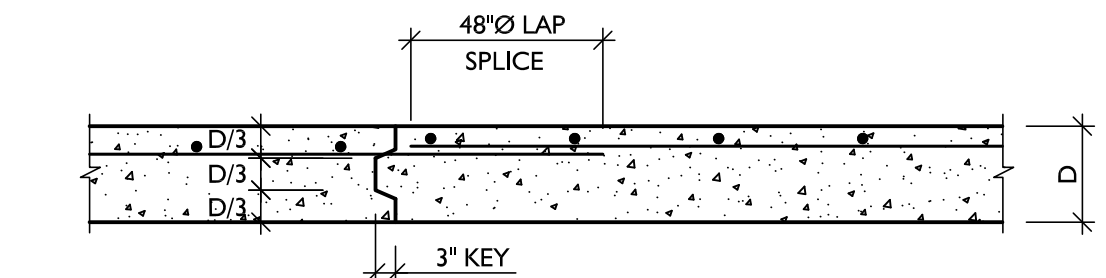
1 TYPICAL FOUNDATION SECTION - EAST ADDITION
SCALE: 1/2\"/>



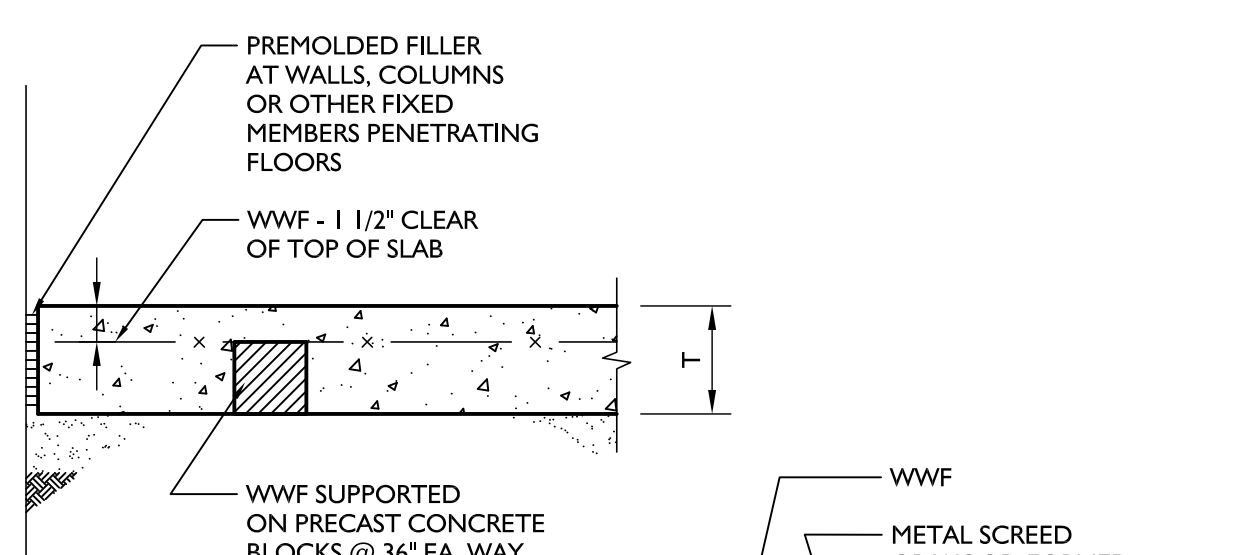
2 COLUMN PIER - EAST ADDITION
SCALE: 1/2\"/>



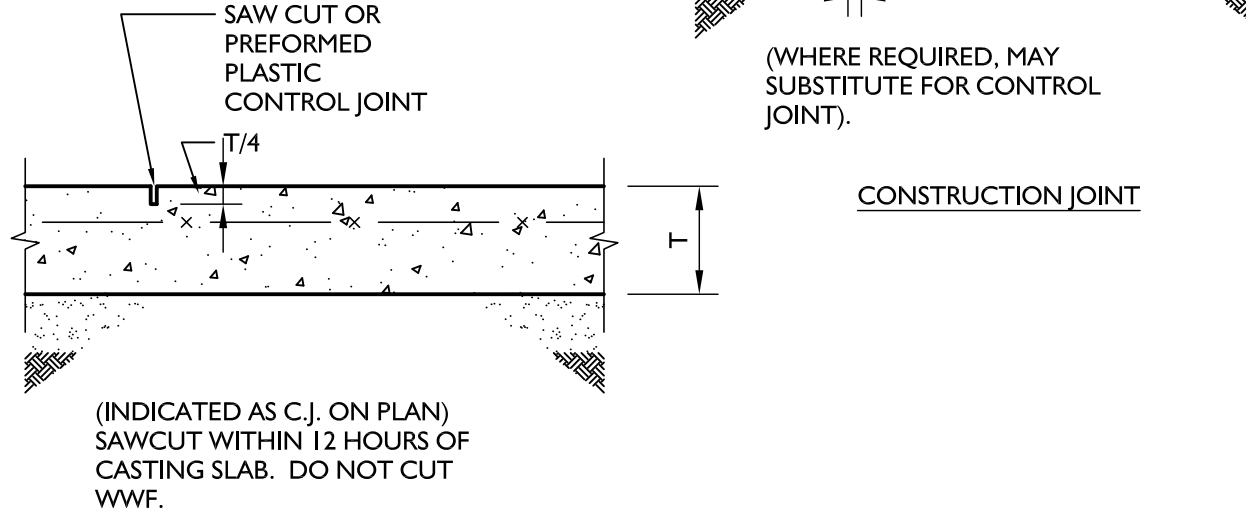
11 TYPICAL INTERIOR COLUMN DETAIL
SCALE: N.T.S.



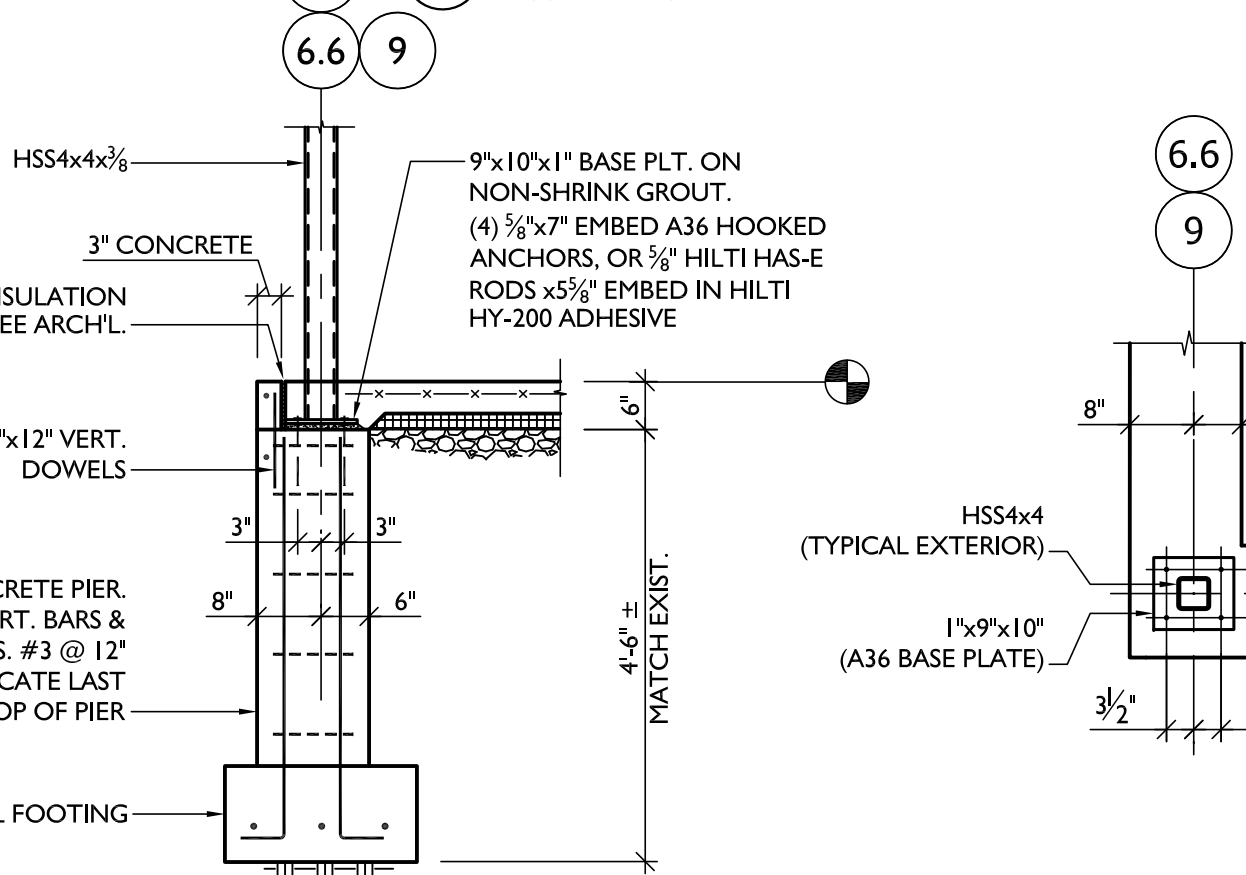
10 WALL FOOTING CONSTRUCTION JOINT
SCALE: N.T.S.



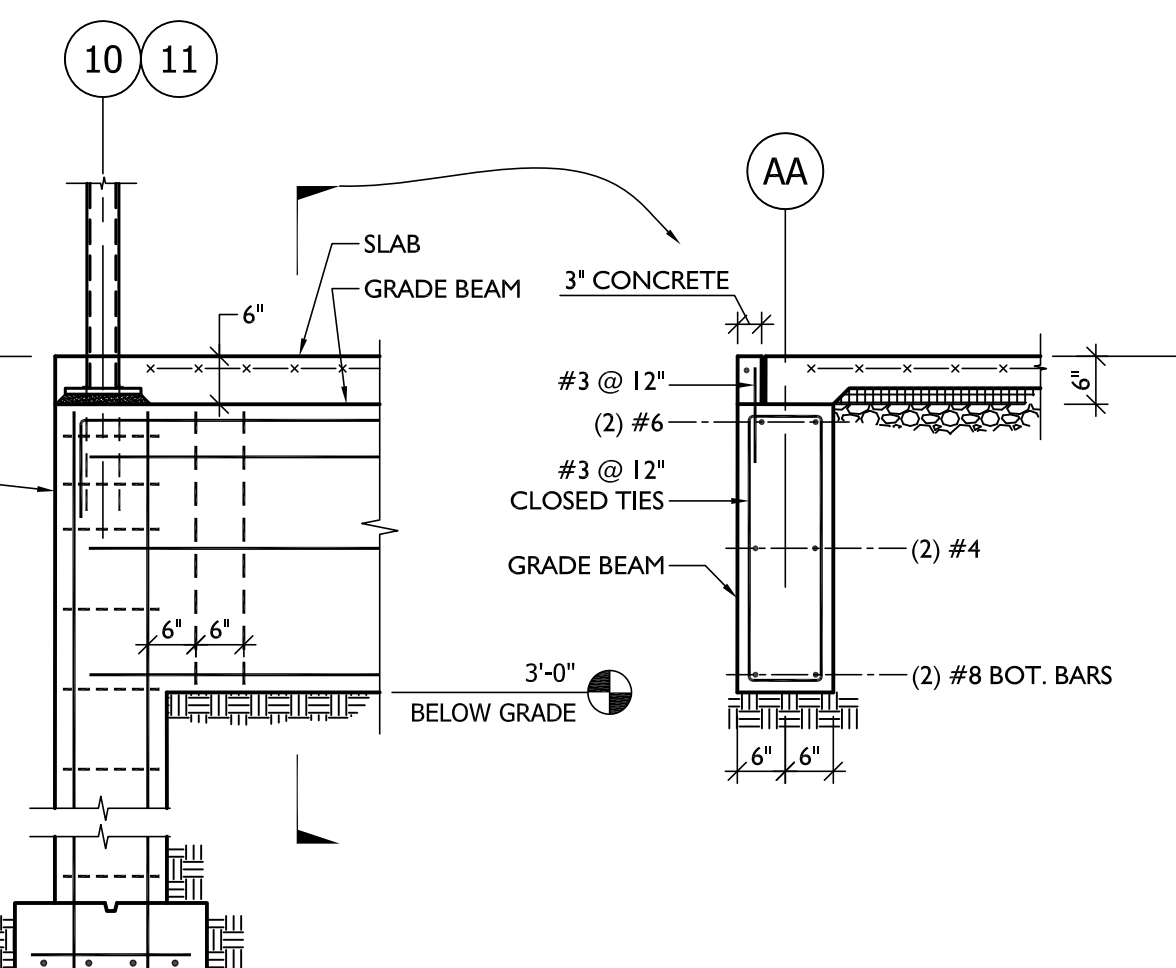
6 SLAB ON GRADE JOINT DETAILS
SCALE: N.T.S.



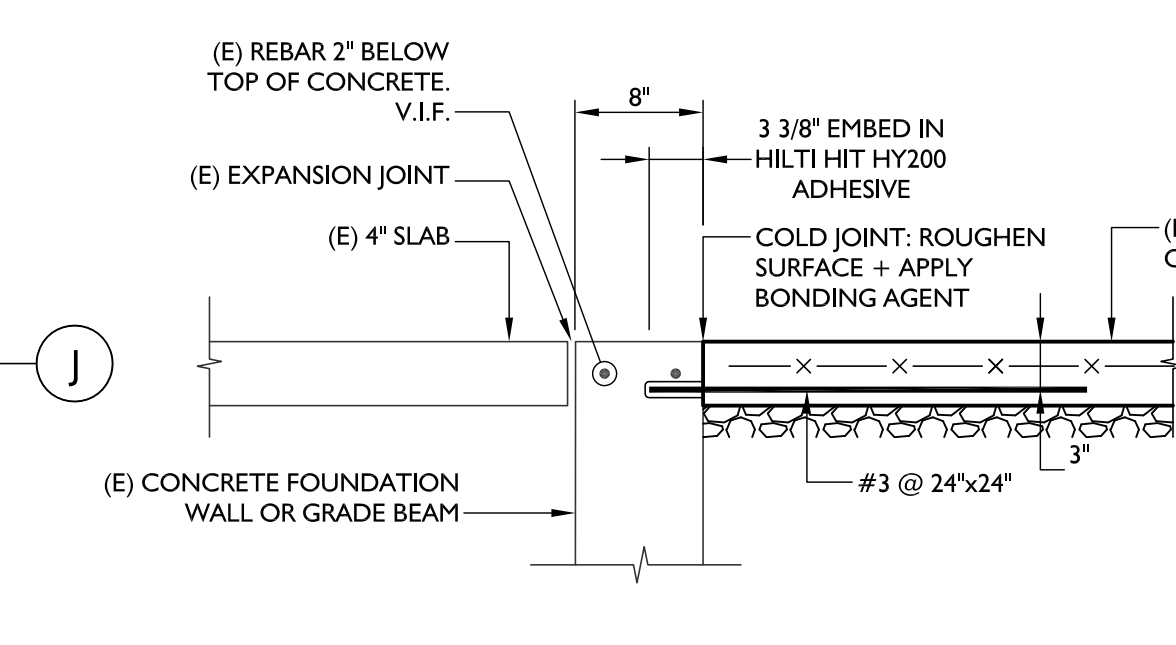
3 COLUMN BASES - PLAN VIEW
SCALE: 1/2\"/>



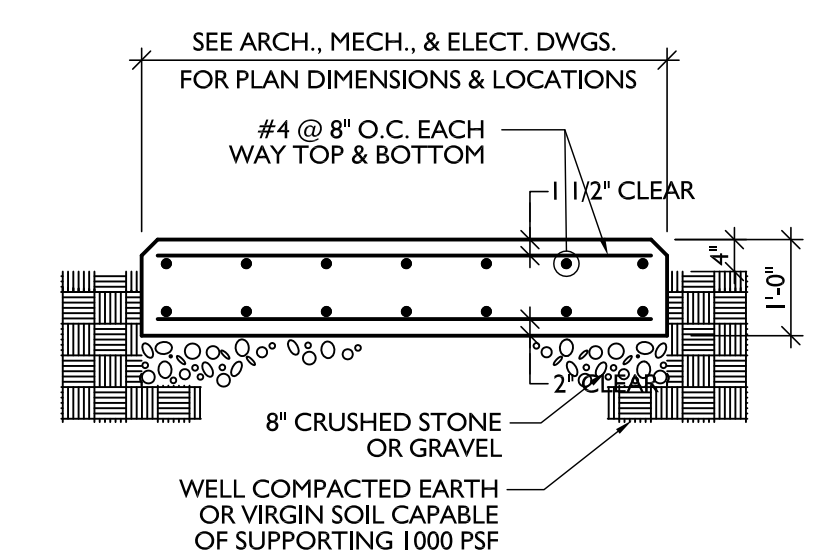
9 WEST ADDITION FOUNDATION
SCALE: 1/2\"/>



7 WEST ADDITION FOUNDATION
SCALE: 1/2\"/>



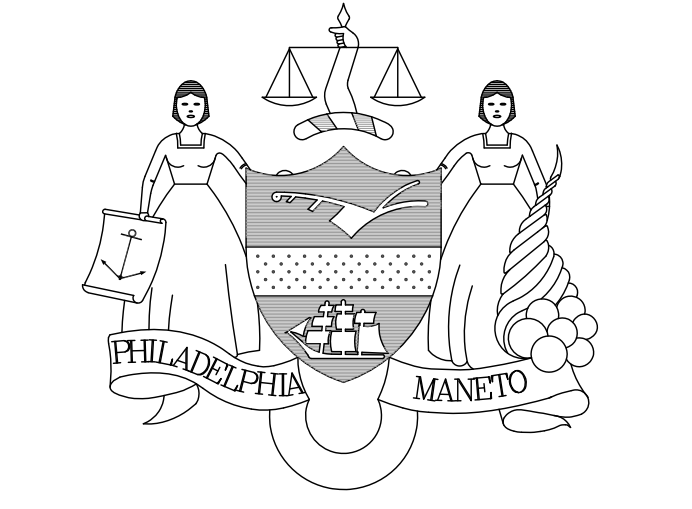
4 INTERFACE NEW SLAB TO EXIST. FOUNDATION
SCALE: 1\"/>



12 EQUIPMENT PAD
1. COORDINATE SIZE & LOCATION WITH EQUIPMENT REQUIREMENTS.
2. CHAMFER ALL EDGES 1\"/>

REVISIONS

ISSUE	DATE	REVISIONS
	06/11/2019	REV 1



PERMIT SET

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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE:
HEALTH CARE CENTER NO. 10
PHASE 2 INTERIOR IMPROVEMENTS
1ST FLOOR

DRAWING TITLE:
GENERAL NOTES AND FOUNDATION DETAILS

PROJECT NO:
14-18-4745-01

DATE:
05.30.2019

DRAWN BY:
SH

CHECKED BY:
AR

DRAWING NO:
S2.1

FILE PATH: /

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK

Ann Rothmann, PE

ABBREVIATIONS

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS MAY BE USED.

AC AIR CONDITIONING UNIT
 ACC AIR COOLED CONDENSER
 ACFM ACTUAL CUBIC FEET PER MINUTE
 ACU AIR COOLED CONDENSING UNIT
 ACV AIR VOLUME CONTROL VALVE
 AD ACCESS DOOR
 AF AIRFOIL
 AFF ABOVE FINISHED FLOOR
 AFP ROOM TEMPERATURE & AIRFLOW TRACKING PRESSURIZATION CONTROL PANEL

AHU AIR HANDLING UNIT
 AI ANALOG INPUT
 AL ACOUSTICAL LINING
 AMB AMBIENT
 AMS AIR FLOW MEASURING STATION
 AO ANALOG OUTPUT
 AP ACCESS PANEL
 APD AIR PRESSURE DROP
 ARCH ARCHITECTURAL
 AS AIR SEPARATOR
 ATC AUTOMATIC TEMPERATURE CONTROL
 AVB AIR VOLUME CONTROL BOX
 AVG AVERAGE
 AVU AIR VOLUME CONTROL UNIT
 AWT AVERAGE WATER TEMPERATURE

B OR BLR BOILER
 BAS BUILDING AUTOMATION SYSTEM
 BDD BACKDRAFT DAMPER
 BDS BLOWDOWN SEPARATOR
 BDT BOILER BLOWDOWN TANK
 BFS BOILER FEED SYSTEM
 BHP BRAKE HORSEPOWER OR BOILER HORSEPOWER
 BI BACKWARD INCLINED
 BLDG BUILDING
 BOD BOTTOM OF DUCT
 BOP BOTTOM OF PIPE
 BOT BOTTOM
 BTU BRITISH THERMAL UNIT
 BTUH BTU PER HOUR

C CONNECTOR
 CAP CAPACITY
 CAC COMPUTER ROOM AIR CONDITIONING UNIT
 CC COOLING COIL
 CCO CAPPED CURB OPENING
 CD CEILING DIFFUSER
 CE CONSTANT AIR VOLUME EXHAUST UNIT
 CEIL CEILING
 CFH CUBIC FEET PER HOUR
 CFM CUBIC FEET PER MINUTE
 CH CHILLER
 CLG COOLING
 CMFR COMPRESSOR
 CO CLEAN OUT
 COL COLUMN
 CONC CONCRETE
 COND CONDUIT
 CONN CONNECTION
 CONT CONTINUATION
 CP CONDENSATE PUMP
 CR CONSTANT AIR VOLUME RETURN UNIT
 CS CONSTANT AIR VOLUME SUPPLY UNIT
 CT COOLING TOWER
 CU CONDENSING UNIT
 CUH CABINET UNIT HEATER
 CV AUTOMATIC CONTROL VALVE
 (D) DEMOLISH
 D DROP/DRAIN
 DB DRY BULB

DDC DIRECT DIGITAL CONTROL
 DET DETAIL
 DI DIGITAL INPUT
 DIA DIAMETER
 DISCH DISCHARGE
 DN DOWN
 DO DIGITAL OUTPUT
 DRC DRY COOLER
 DSI DUAL INLET AIR VOLUME SUPPLY CONTROL UNIT
 DSP DEaERATOR, SURGE TANK & PUMP
 DTR DUAL TEMPERATURE RETURN
 DTS DUAL TEMPERATURE SUPPLY
 DWG DRAWING
 (E) OR ETR EXISTING TO REMAIN
 EA EXHAUST AIR OR EACH
 EAT ENTERING AIR TEMPERATURE
 EDB ENTERING DRY BULB TEMPERATURE
 EF EXHAUST FAN
 EFF EFFICIENCY
 EJ EXPANSION JOINT
 ELEC ELECTRIC
 ELEV ELEVATION
 ENT ENTERING
 ER/EG EXHAUST REGISTER/GRILLE
 ERAD ELECTRIC RADIATION
 ERC EXHAUST ENERGY RECOVERY COIL
 ERU ENERGY RECOVERY UNIT
 ERW ROTARY HEAT WHEEL
 ESP EXTERNAL STATIC PRESSURE
 ET EXPANSION TANK
 EVC EVAPORATIVE COOLER
 EWB ENTERING WET BULB TEMPERATURE
 EWT ENTERING WATER TEMPERATURE
 EXH EXHAUST
 EXIST EXISTING
 EXT EXTERNAL

F&T FLOAT AND THERMOSTATIC STEAM TRAP
 FA FACE AREA
 FC FLEXIBLE CONNECTION
 FCU FAN COIL UNIT
 FD FIRE DAMPER OR FLOOR DRAIN
 FNA FLEXIBLE
 FLR FLOOR
 FLTR FILTER
 FM FLOW METERING DEVICE
 FO FUEL OIL
 FOB FLAT ON BOTTOM
 FOF FUEL OIL FILL
 FOO FUEL OIL OVERFLOW
 FOP FUEL OIL PUMP
 FOR FUEL OIL RETURN
 FOS FUEL OIL SUPPLY/SUCTION
 FOT FLAT ON TOP
 FOV FUEL OIL VENT
 FPB FAN POWERED AIR VOLUME CONTROL BOX
 FPM FEET PER MINUTE
 FPS FEET PER SECOND
 FT FLASH TANK OR FOOT OR FEET
 FTR FINNED TUBE RADIATION
 FUT FUTURE
 GPH GALLONS PER HOUR
 GPM GALLONS PER MINUTE

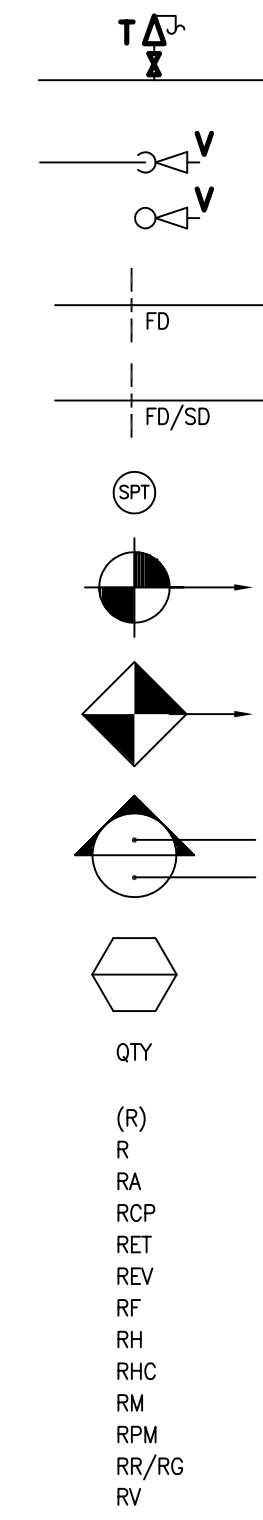
SYMBOLS

2 WAY CONTROL VALVE
 3 WAY CONTROL VALVE
 CALIBRATED BALANCING VALVE
 BOILER BLOWDOWN VALVE
 CHECK VALVE
 NONSLAM CHECK VALVE
 DRAIN VALVE W/ CAPPED HOSE END OR NIPPLE, 3/4" UNLESS OTHERWISE SPECIFIED
 LOCK SHIELD SHUTOFF VALVE
 NEEDLE VALVE
 PRESSURE REDUCING OR REGULATING VALVE
 SAFETY RELIEF VALVE
 SAFETY RELIEF VALVE W/ DRIP PAN ELBOW; SEE DETAILS
 SHUTOFF VALVE
 HEAT ACTUATED SHUTOFF VALVE
 SOLENOID VALVE
 STOP AND CHECK VALVE
 THROTTLING VALVE
 TRIPLE-DUTY VALVE
 Y-TYPE STRAINER W/ CAPPED HOSE END OR NIPPLE
 Y-TYPE STRAINER W/ TAPPING SIZE
 SHUTOFF VALVE TO 1" W/ CAPPED HOSE END OR NIPPLE
 RETURN AIR REGISTER/GRILLE
 EXHAUST AIR REGISTER/GRILLE
 CEILING DIFFUSER-DIFFUSER NECK SIZE, AIR QUANTITY & DIRECTION OF BLOW AS NOTED
 CONNECTION OF FLEXIBLE ROUND DUCT TO RECTANGULAR DUCT
 MANUAL VOLUME DAMPER
 FLEXIBLE DUCT CONNECTION
 SUPPLY AIR DUCT UP/DOWN

H HUMIDIFIER
 HAV HEAT ACTUATED SHUTOFF VALVE
 HC HEATING COIL
 HG MERCURY
 HO HUB OUTLET
 HP HORSEPOWER
 HPR HEAT PUMP RETURN WATER
 HPS HEAT PUMP SUPPLY WATER
 HTG HEATING
 HV HEATING & VENTILATING UNIT
 HWG HOT WATER GENERATOR
 HX HEAT EXCHANGER
 IB INVERTED BUCKET STEAM TRAP
 ID INSIDE DIAMETER
 IN INCHES
 INT INITIAL
 INV INVERT ELEVATION
 KW KILOWATT
 LAT LEAVING AIR TEMPERATURE
 LB POUND
 LD LINEAR DIFFUSER
 LDB LEAVING DRY BULB TEMPERATURE
 LF LINEAR FOOT
 LG LINEAR GRILLE
 LOC LOCATION
 LVG LEAVING
 LWB LEAVING WET BULB TEMPERATURE
 LWT LEAVING WATER TEMPERATURE

MAI MAKE-UP AIR INTAKE
 MAX MAXIMUM
 MBH 1000 BTU PER HOUR
 MCC MOTOR CONTROL CENTER
 MECH MECHANICAL
 MER MECHANICAL EQUIPMENT ROOM
 MFR MANUFACTURER
 MH MANHOLE
 MIN MINIMUM OR MINUTE
 MOD MOTOR OPERATED DAMPER
 MXB MIXING BOX
 (N) NEW
 NC NORMALLY CLOSED
 NIC NOT IN CONTRACT
 NO NORMALLY OPEN OR NUMBER
 NTS NOT TO SCALE
 OA OUTSIDE AIR
 OAI OUTSIDE AIR INTAKE
 OBD OPPOSED BLADE DAMPER
 OC ON CENTER
 OED OPEN ENDED DUCT
 OPNG OPENING
 OPRTNG OPERATING
 P PUMP
 PBD PARALLEL BLADE DAMPER
 PC PUMPED CONDENSATE
 PD PRESSURE DROP
 PFHX PLATE & FRAME HEAT EXCHANGER
 PHC PREHEAT COIL
 PLN PLENUM
 POS POSITION
 PR WATER PRESSURE REDUCING VALVE
 PRESS PRESSURE
 PRV STEAM PRESSURE REDUCING VALVE
 PSI POUNDS PER SQUARE INCH
 PSIA POUNDS PER SQUARE INCH-ABSOLUTE
 PSIG POUNDS PER SQUARE INCH-GAGE

EXHAUST DUCT UP/DOWN
 RETURN DUCT UP/DOWN
 SMOKE DAMPER W/ ACCESS DOOR
 DUCT ACCESS DOOR
 DUCT RISE
 DUCT DROP
 UNDERCUT DOOR
 DOOR LOUVER
 MOTORIZED DAMPER W/ ACCESS DOOR
 GRAVITY BACKDRAFT DAMPER W/ ACCESS DOOR
 DUCT-MOUNTED REHEAT COIL
 AIR CONTROL DEVICE
 PROVIDE TRANSITIONS BETWEEN COMPONENTS
 SEE SCHEDULES FOR COMPONENTS
 ACCESS SPACE SHOWN DOTTED-DO NOT BLOCK W/ PIPING, CONDUITS, DUCTWORK, ETC.
 (ACCESS SPACE IS FROM CEILING TO TOP OF AIR CONTROL DEVICE-COORDINATE WITH ALL TRADES)
 SPACE CO2 SENSOR
 ROOM PRESSURE MONITOR (OR'S AND ISOLATION ROOMS)
 SPACE THERMOSTAT OR SPACE TEMPERATURE SENSOR
 NIGHT THERMOSTAT OR SPACE TEMPERATURE SENSOR
 SMOKE DETECTOR W/ DUCT ACCESS DOOR
 TEMPERATURE TRANSMITTER
 HUMIDITY TRANSMITTER
 DIFFERENTIAL PRESSURE TRANSMITTER - WATER
 DIFFERENTIAL PRESSURE TRANSMITTER - WATER
 FAN SPEED SWITCH
 OCCUPANCY SENSOR
 PRESSURE TRANSMITTER
 SPACE HUMIDISTAT OR SPACE HUMIDITY SENSOR



TAV THERMOSTATIC AIR VENT W/ SHUTOFF VALVE, PIPE TO DRAIN
 V VALVE IN PIPE RISER IN PIPE DOWN
 V VALVE IN PIPE RISER
 FD FIRE DAMPER W/ ACCESS DOOR
 FD/SD COMBINATION FIRE/SMOKE DAMPER W/ ACCESS DOOR
 SPT STATIC PRESSURE TRANSMITTER - AIR W/ DUCT ACCESS DOOR
 QTY QUANTITY

(R) RELOCATE
 R RISE
 RA RETURN OR RELIEF AIR
 RCP RADIANT CEILING PANEL
 RET RETURN
 REV REVISION
 RF RETURN FAN
 RH RELIEF HOOD OR RELATIVE HUMIDITY
 RHC REHEAT COIL
 RM ROOM
 RPM REVOLUTIONS PER MINUTE
 RR/RG RETURN REGISTER/GRILLE
 RV RELIEF VALVE
 SA SUPPLY AIR
 SCP STEAM CONDENSATE PUMP
 SD SMOKE DAMPER OR DETECTOR
 SEC SECOND
 SENS SENSIBLE
 SF SUPPLY FAN
 SO SCREENED OPENING
 SP STATIC PRESSURE IN WG
 SPD STEAM PRESSURE DROP
 SR/SG SUPPLY REGISTER/GRILLE
 SRC SUPPLY ENERGY RECOVERY COIL
 SRV SAFETY RELIEF VALVE
 SSF SIDESTREAM FILTER
 ST SOUND ATTENUATOR
 STM STEAM
 SUP SUPPLY

TD THERMODYNAMIC STEAM TRAP
 TG TRANSFER GRILLE
 TOD TOP OF DUCT
 TOP TOP OF PIPE
 TOT TOTAL
 TSP TOTAL STATIC PRESSURE
 TYP TYPICAL
 UH UNIT HEATER
 UNO UNLESS NOTED OTHERWISE
 VD MANUAL VOLUME DAMPER
 VE VARIABLE AIR VOLUME EXHAUST UNIT
 VEL VELOCITY
 VFD VARIABLE FREQUENCY DRIVE
 VV VARIABLE INLET VALVES
 VR VARIABLE AIR VOLUME RETURN UNIT
 VS VARIABLE AIR VOLUME SUPPLY UNIT
 VTR VENT THROUGH ROOF
 W/ WITH
 W/O WITHOUT
 WTB WET BULB
 WCU WATER COOLED CONDENSING UNIT
 WG WATER GAUGE
 WHP WATER SOURCE HEAT PUMP
 WMS WIRE MESH SCREEN
 WPD WATER PRESSURE DROP

LINE DESIGNATIONS

BBD BOILER BLOWDOWN (INTERMITTENT OR OR CONTINUOUS)
 BFV BOILER FEEDWATER
 CF CHEMICAL FEED
 CHWR CHILLED WATER RETURN
 CHWS CHILLED WATER SUPPLY
 CTR WATER RETURN (TO OPEN COOLING TOWER)
 CTS WATER SUPPLY (FROM OPEN COOLING TOWER)
 CWR CONDENSER WATER RETURN (TO CLOSED COOLING TOWER)
 CWS CONDENSER WATER SUPPLY (FROM CLOSED COOLING TOWER)
 D DRAIN
 DCW DOMESTIC COLD WATER
 DTWR DUAL TEMPERATURE WATER RETURN
 DTWS DUAL TEMPERATURE WATER SUPPLY
 FCG FUEL OIL GAUGE
 FOR FUEL OIL RETURN
 FOS FUEL OIL SUPPLY/SUCTION
 FOV FUEL OIL VENT
 G GAS
 HPS HEAT PUMP SUPPLY
 HPR HEAT PUMP RETURN
 HTHWR HIGH TEMPERATURE HOT WATER RETURN
 HTHWS HIGH TEMPERATURE HOT WATER SUPPLY
 HWR HEATING HOT WATER RETURN

GENERAL NOTES

- ACCESSORIES & DEVICES: FLOW DIAGRAMS, EQUIPMENT COMPONENT DIAGRAMS & FLOOR PLANS DO NOT SHOW ALL ACCESSORIES AND DEVICES AT EQUIPMENT. PROVIDE AS SPECIFIED AND AS SHOWN ON DETAIL DRAWINGS.
- OPENINGS: COORDINATE THE SIZE AND LOCATION OF ALL WALL, FLOOR AND ROOF OPENINGS REQUIRED WITH THE GENERAL CONTRACTOR.
- RISES AND DROPS: ALL REQUIRED DUCT & PIPING RISES & DROPS MAY NOT BE SHOWN. PROVIDE ALL RISES AND DROPS AS REQUIRED, AT NO ADDITIONAL COST TO THE OWNER.
- REVIEW AND REFERENCE: REVIEW & REFER TO ALL MECHANICAL (HVAC), PLUMBING, ELECTRICAL, & STRUCTURAL DRAWINGS SHOWING ORIGINAL DESIGN AND/OR EXISTING CONDITIONS IN THE BUILDING BEFORE THE START OF ANY NEW WORK.
- EXISTING SYSTEM SHUTDOWNS: CLOSELY COORDINATE SHUTDOWNS WITH THE OWNER AND OBTAIN WRITTEN PERMISSION NOT LESS THAN TWO WEEKS AHEAD OF TIME.
- EXISTING CONDITIONS & DIMENSIONS: CHECK & VERIFY EXISTING CONDITIONS & DIMENSIONS IN THE BUILDING BEFORE THE START OF ANY NEW WORK. NEW DUCTWORK & PIPING SHALL NOT BE FABRICATED BEFORE THIS IS DONE & SUBMITTALS REVIEWED.

GENERAL DEMOLITION NOTES

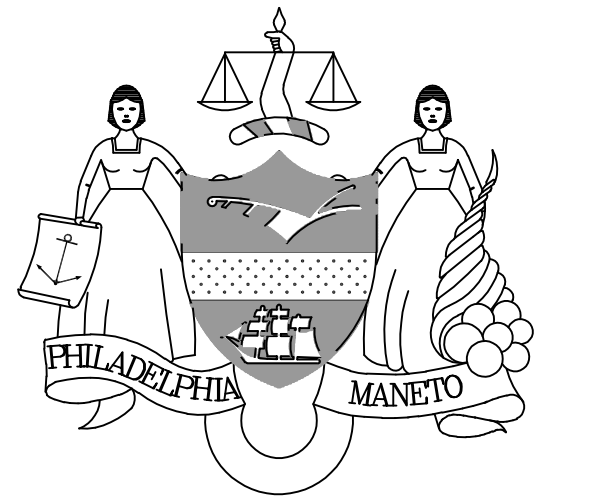
- CONTRACTOR SHALL SURVEY AND VERIFY EXISTING CONDITIONS PRIOR TO BIDDING AND COMMENCEMENT OF WORK. CONTRACTOR IS RESPONSIBLE FOR REPORTING UPON DISCOVERY OF ANY CONDITIONS THAT VARY FROM THE CONSTRUCTION DOCUMENTS OR A POSSIBLE CAUSE FOR CHANGE IN THE WORK SCOPE TO THE OWNER AND ENGINEER.
- CONTRACTOR SHALL PATCH ALL HOLES IN ROOF, WALLS AND FLOORS RESULTING FROM REMOVAL OF ABANDONED OR REMOVED EQUIPMENT, PIPING, DUCTWORK, CONDUIT/WIRING, ETC. ALL PATCHING WORK SHALL PROVIDE FIRE RATING AND FIRE STOPPING AT PARTITION AND FLOOR ASSEMBLIES AS REQUIRED BY BUILDING CODES.
- CONTRACTOR SHALL FORM NEW OPENINGS AND PATCH ALL HOLES IN ROOF, WALLS AND FLOORS RESULTING FROM INSTALLATION OF NEW WORK. ALL PATCHING WORK SHALL PROVIDE FIRE RATING AND FIRE STOPPING AT EXISTING AND NEW PARTITION AND FLOOR ASSEMBLIES AS REQUIRED BY BUILDING CODES.
- PATCH ROOF WITH LIKE MATERIALS AND BY CONTRACTOR APPROVED TO MAINTAIN WARRANTY ON EXISTING ROOFING SYSTEM.
- CONTRACTOR SHALL REMOVE ALL MATERIALS IN A SAFE WORKMANLIKE MANNER AND LEGALLY DISPOSE OF ALL DEMOLISHED MATERIALS OFF SITE.

APPLICABLE CODES

Contractor to adhere to all applicable codes:
 International Mechanical Code 2018
 International Energy Conservation Code 2018
 Philadelphia Existing Building Code 2018

REVISIONS

ISSUE	DATE	REVISIONS



PROJECT COORDINATOR:

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SERA ENGINEERING
 1700 SANSOM STREET
 PHILADELPHIA, PA 19103
 215-438-4464

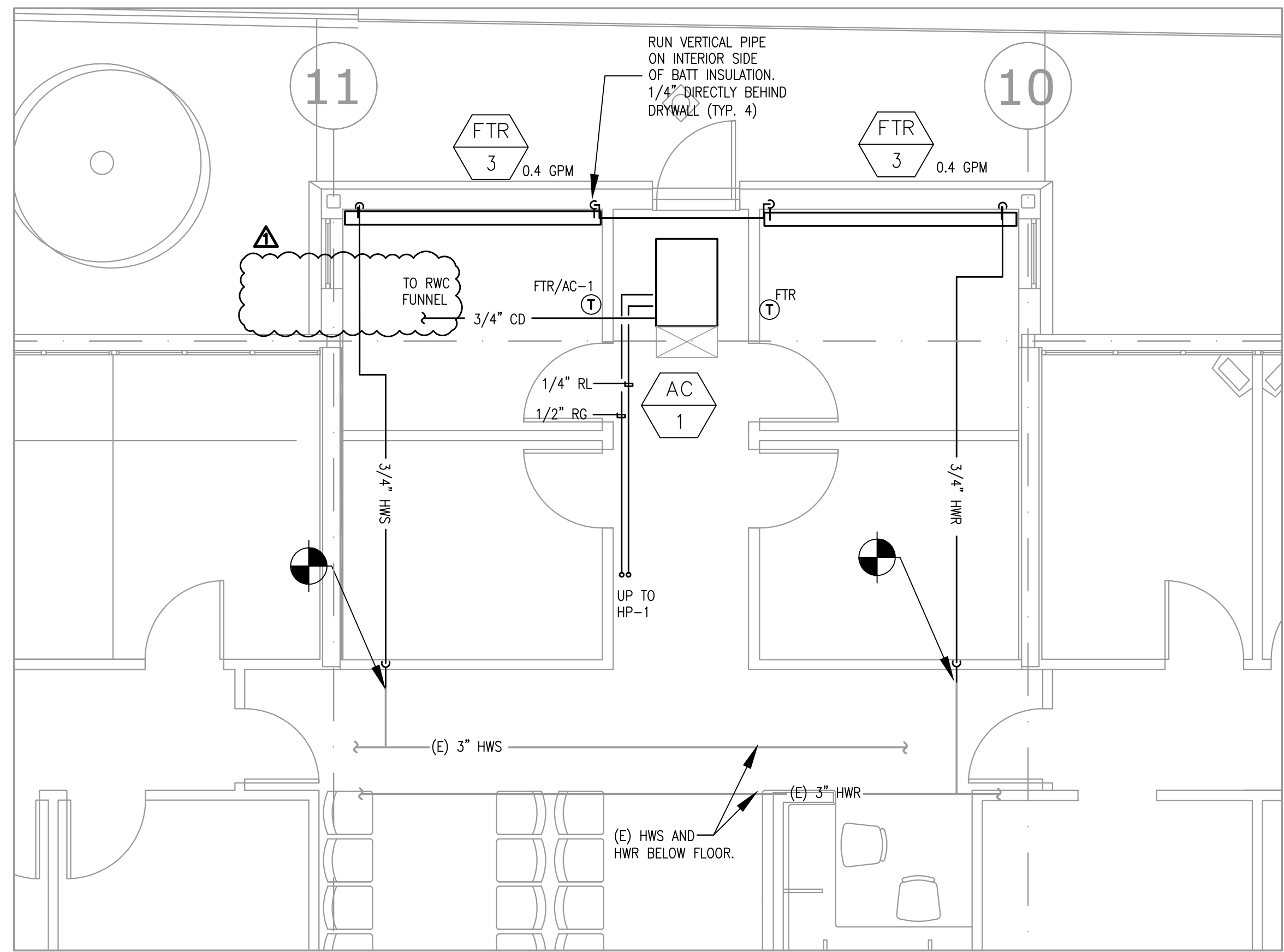
CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE:
HEALTH CARE CENTER NO. 10
PHASE 2 INTERIOR IMPROVEMENTS
1ST FLOOR

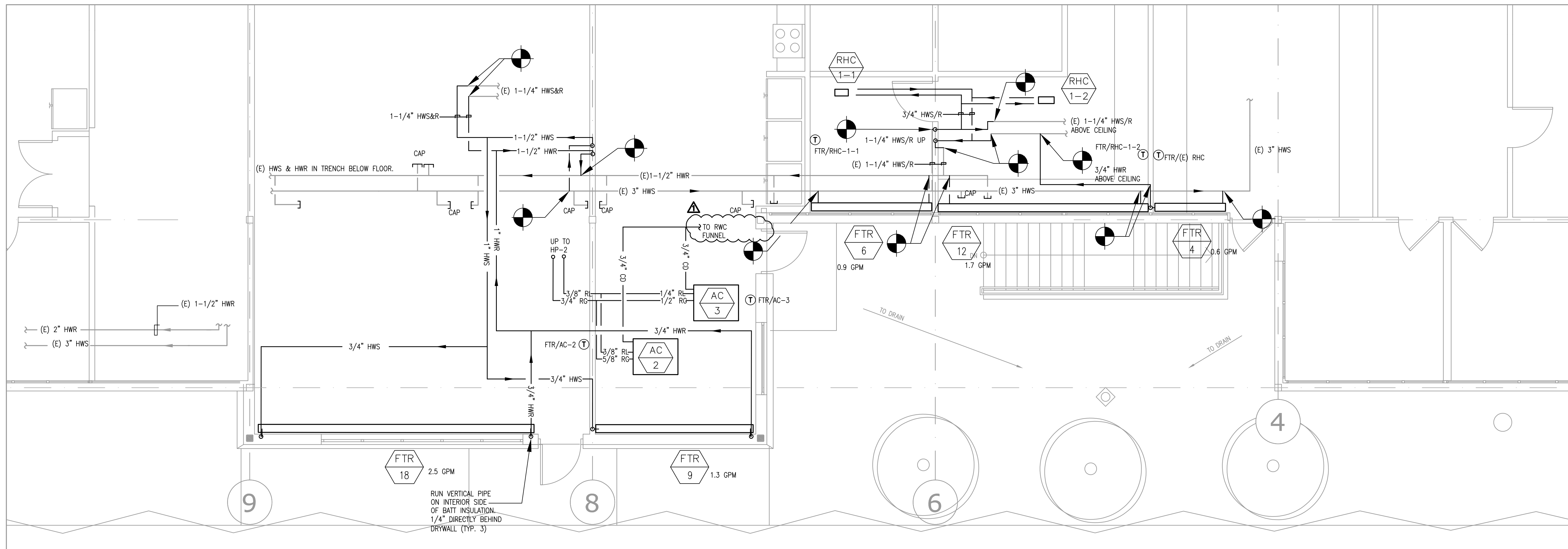
DRAWING TITLE:
HVAC SYMBOLS AND
ABBREVIATIONS

PROJECT NO: 14-18-4745-01	DRAWING NO: M-0.0
DATE: 04/30/2019	M-0.0
DRAWN BY: KI	
CHECKED BY: CR	FILE PATH:

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK



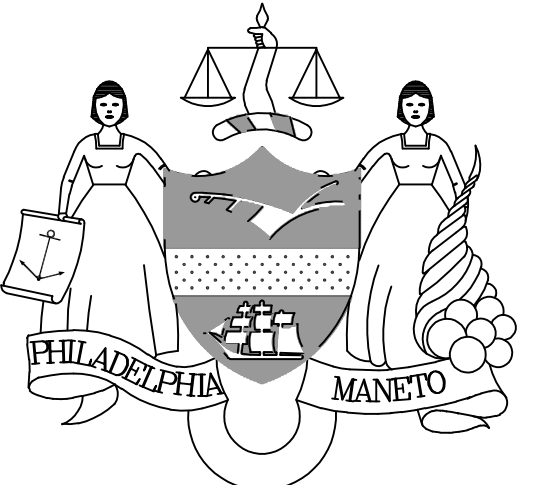
1 FLOOR PLAN - WEST ADDITION
M-1.3 Scale: 1/4"=1'-0"



2 FLOOR PLAN - EAST ADDITION
M-1.3 Scale: 1/4"=1'-0"

REVISIONS

ISSUE	DATE	REVISIONS
▲	05-30-19	



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DEPARTMENT OF PUBLIC PROPERTY
CITY HALL
7TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE:
HEALTH CARE CENTER NO. 10
PHASE 2 INTERIOR IMPROVEMENTS
1ST FLOOR

DRAWING TITLE:
HVAC FIRST FLOOR
PIPING PLANS

PROJECT NO:
14-18-4745-01

DATE:
04/30/2019

DRAWN BY:
KI

CHECKED BY:
CR

DRAWING NO:
M-1.3

FILE PATH/

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK

ABBREVIATIONS

⊕	AT
A OR AMP	AMPERE
AF	AMP FRAME
A.F.C.	ABOVE FINISHED CEILING
A.F.F.	ABOVE FINISHED FLOOR
A.I.C.	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ALT.	ALTERNATE
ANNUN.	ANNUNCIATOR
AS	AMMETER SWITCH
AT	AMP TRIP
ATC	AUTOMATIC TEMPERATURE CONTROL
ATS	AUTOMATIC TRANSFER SWITCH
AUX.	AUXILIARY
BD	BUS DUCT
C. OR CDT.	CONDUIT
C/B	CIRCUIT BREAKER
CKT	CIRCUIT
CLG.	CEILING
CU.	COPPER
DEMO.	DEMOLITION
DIA.	DIAMETER
DISC.	DISCONNECT
DIST.	DISTRIBUTION
DWG.	DRAWING
E	EMERGENCY
EA.	EACH
E.C.	ELECTRICAL CONTRACTOR
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMT	ELECTRICAL METALLIC TUBING
ENCL.	ENCLOSURE
E.R.	EXISTING RELOCATED
EQUIP.	EQUIPMENT
EX.	EXISTING TO REMAIN
F/A	FIRE ALARM FLOOR
FL.	FLUORESCENT
FLUOR.	FLUORESCENT
G	EQUIPMENT GROUND CONDUCTOR
G.C.	GENERAL CONTRACTOR
G.F.I.	GROUND FAULT INTERRUPTER
GND.	GROUND
H.I.D.	HIGH INTENSITY DISCHARGE
H.O.A.	HAND-OFF-AUTOMATIC
H.P.	HORSEPOWER
HT.	HEIGHT
H.V.	HIGH VOLTAGE
HVAC	HEATING, VENTILATING, AIR CONDITIONING
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATT
KWH	KILOWATT-HOUR
LTS.	LIGHTING
LY	LOW VOLTAGE
MAX.	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MIN.	MINIMUM
M.L.O.	MAIN LUGS ONLY
MTD.	MOUNTED
N	NEUTRAL
N.C.	NORMALLY CLOSED
N.I.C.	NOT IN CONTRACT
N.O.	NORMALLY OPEN
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
P	POLE
PB	PULL BOX
RE	REMOVE EXISTING
S.L.D.	SINGLE LINE DIAGRAM
SPEC.	SPECIFICATION
S.T.	SHUNT TRIP
SW.	SWITCH
SWGR.	SWITCHGEAR
SYS.	SYSTEM
TEL.	TELEPHONE
TV	TELEVISION
TYP.	TYPICAL
UC	UNDERCOUNTER
U/F	UNFUSED
U.L.	UNDERWRITERS' LABORATORY
U.O.N.	UNLESS OTHERWISE NOTED
U.P.S.	UNINTERRUPTIBLE POWER SYSTEM
V	VOLT
VERT.	VERTICAL
W	WIRE
W	WATT
WP	WEATHERPROOF

PLAN SYMBOLS

	RECESSED OR SURFACE MOUNTED FLUORESCENT FIXTURE (ACTUAL SIZE) NUMBER INDICATES CIRCUIT, LETTER INDICATES SWITCH LEG (TYP)
	FLUORESCENT FIXTURE MOUNTED UNDERCOUNTER, PENDANT, ETC. (N.T.S.)
	DOWNLIGHT FIXTURE, CEILING OR WALL MOUNTED
	DIRECTIONAL FIXTURE, CEILING OR WALL MOUNTED
	TRACK SYSTEM WITH DOWNLIGHT OR FLOOD LIGHTING
	EXIT FIXTURE, CEILING OR WALL MOUNTED
	EXIT FIXTURE, WITH EMERGENCY LIGHTING BATTERY UNIT
	EMERGENCY LIGHTING BATTERY UNIT
	INDICATES FIXTURE ON EMERGENCY CIRCUIT
	SINGLE POLE TOGGLE SWITCH
	THREE AND FOUR WAY TOGGLE SWITCH
	SINGLE POLE DIMMING SWITCH
	MANUAL MOTOR STARTER SWITCH
	OCCUPANCY SENSOR SWITCH
	DUPLEX RECEPTACLE
	QUADRUPLEX RECEPTACLE
	DUPLEX GROUND FAULT RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE
	DUPLEX RECEPTACLE - CEILING MOUNTED
	QUADRUPLEX RECEPTACLE - CONNECTED TO EHR UPS (RED YOKE AND COVER PLATE)
	FLUSH FLOOR OUTLET WITH DEVICE AS SHOWN
	FLOOR OUTLET - FIREPROOF POKE THRU
	CONCEALED JUNCTION BOX
	SURFACE MOUNTED JUNCTION BOX
	PUSH BUTTON
	BUZZER
	MOTOR BY DIV. 23
	UNFUSED SAFETY DISCONNECT SWITCH
	FUSED SAFETY DISCONNECT SWITCH (INDICATES FUSE TYPE) DE - DUAL ELEMENT CL - CURRENT LIMITING TIME DELAY
	BRANCH CIRCUIT WIRING CONCEALED IN WALL OR ABOVE CEILING CONSTRUCTION
	BRANCH CIRCUIT WIRING TO PANEL CIRCUIT NUMBER AT PANELBOARD

SINGLE LINE DIAGRAM SYMBOLS

	KILOWATT-HOUR/DEMAND METER (FURNISHED BY UTILITY COMPANY)
	(CT) CURRENT TRANSFORMER
	(PT) POTENTIAL TRANSFORMER
	GROUND FAULT TRIPPING MECHANISM
	GROUND FAULT SENSING COIL
	CIRCUIT BREAKER OR MOTOR CIRCUIT PROTECTOR
	DISCONNECT SWITCH
	FUSE
	TRANSFORMER
	MOTOR BY DIV. 23 (NUMBER DENOTES HP)
	SINGLE SECTION PANELBOARD (ADDITIONAL SECTIONS SHOWN, IF REQUIRED)
	WITH INTEGRAL DISCONNECT SWITCH BY DIV.23

	ELECTRICAL PANELBOARD
	CARD READER
	ELECTRIC STRIKE
	ULTRASONIC OCCUPANCY SENSOR SWITCH
	WIRELESS ACCESS POINT
	SECURITY KEY PAD
	ELECTROMAGNETIC LOCK
	COMMUNICATIONS SYSTEM PANEL/CABINET
	VOICE/DATA OUTLET ROUGH-IN
	DUAL-LANGUAGE TELEPHONE OUTLET ROUGH-IN
	TELEVISION ANTENNA OUTLET
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM STROBE
	FIRE ALARM HORN/STROBE
	FIRE FIGHTERS PHONE
	ELECTRIC DOOR HOLDER
	AUTOMATIC DETECTOR (DETECTOR CONTROL FUNCTION) S - AREA SMOKE, IONIZATION PE - SMOKE REFRACATION, PHOTO ELECTRIC D - DUCT MOUNTED, SMOKE IONIZATION R - THERMAL, RATE OF RISE F - THERMAL, FIXED TEMPERATURE
	24VDC SMOKE DAMPER, PROVIDE INTERFACE. POWERED BY FIRE ALARM SYSTEM.
	NURSE CALL PATIENT STATION
	NURSE CALL EMERGENCY PULL CORD
	NURSE CALL CODE BLUE STATION
	NURSE CALL DUTY/STAFF STATION
	NURSE CALL DOME INDICATOR LIGHT
	NURSE CALL MASTER STATION
	NURSE CALL STAFF TERMINAL

GENERAL NOTES:

- ALL DEVICE SYMBOLS AND ABBREVIATIONS ON THIS DRAWING MAY NOT NECESSARILY APPEAR ON THE FLOOR PLANS AND DETAIL SHEETS. ONLY THOSE SYMBOLS INDICATED ON THE FLOOR PLANS ARE USED FOR THIS PROJECT. ALL OTHERS ARE TO BE CONSIDERED "NOT USED" AND SHOULD BE IGNORED.
- FOR DESCRIPTION OF SYMBOLS, SEE "SYMBOL LIST" AND ELECTRICAL SPECIFICATIONS.
- MOUNTING HEIGHTS SHALL BE AS INDICATED IN THE "MOUNTING HEIGHTS" SCHEDULE OR AS SHOWN ON THE ARCHITECTURAL PLANS, SECTIONS AND ELEVATIONS. IN THE EVENT OF A MOUNTING HEIGHT CONFLICT, CONTACT THE ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL VERIFY ALL DOOR SWINGS BEFORE INSTALLING SWITCH BOXES.
- FOR MOUNTING HEIGHTS OF UNDER CABINET LIGHTING FIXTURES AND OTHER TASK LIGHTING, REFER TO ARCHITECTURAL DETAILS.
- REFER TO HEATING, VENTILATING, AIR-CONDITIONING AND PLUMBING SECTIONS OF THE SPECIFICATIONS AND DRAWINGS FOR REQUIRED CONTROL WIRING OF MECHANICAL EQUIPMENT.
- UNLESS OTHERWISE NOTED, ALL PANELS, CABINETS AND THE LIKE IN ELECTRICAL CLOSETS OR EQUIPMENT ROOMS ARE TO BE MOUNTED ON STRUCTURAL CHANNEL FRAMING WHICH SHALL BE SECURED TO THE STRUCTURAL FLOOR AND CEILING SLABS.
- REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DOCUMENTS FOR WORK OF OTHER TRADES THAT REQUIRES ELECTRICAL WORK SUCH AS; BUT NOT LIMITED TO, DUOY DETECTORS, TAMPER/FLOW SWITCHES, CONTROL CIRCUITS, ETC. ALL WORK SHALL BE INCLUDED IN THE BASE BID.

MOUNTING HEIGHTS

STANDARD MOUNTING HEIGHTS
(OR AS SHOWN ON ARCHITECTURAL DRAWINGS)

8'-0"	●	PENDANT-HUNG INDUSTRIAL LIGHT FIXTURES
7'-6"	●	TOP OF BACK-MOUNTED WALL EXIT FIXTURES (NOT MOUNTED ABOVE DOORS)
6'-8"	●	ILLUMINATED FIRE SIGNALS (TO BOTTOM OF DEVICE)
6'-6"	●	TOP OF ELECTRICAL LIGHTING OR POWER PANELBOARDS
centered above door or window opening	●	WARNING AND SIGNALING FIXTURES/SIGNS
4'-6"	●	WALL-MOUNTED TELEPHONES AND PAY STATIONS (3'-6" AT HANDICAP LOCATIONS)
4'-0"	●	WALL-MOUNTED ELECTRICAL DEVICE LIGHTING SWITCHES, MANUAL MOTOR STARTERS, THERMOSTATS AND FIRE ALARM PULL STATIONS
3'-6"	●	NURSE CALL DEVICES (COORDINATE WITH HEADWALL ELEVATIONS)
18"	●	ELECTRICAL RECEPTACLE TELEPHONE OUTLETS COMPUTER OUTLETS
00"	●	FINISHED FLOOR

- NOTES:
- MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.
 - THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWINGS OR SPECIFICATIONS.
 - A + SYMBOL BESIDE A DEVICE INDICATES DEVICE MOUNTED ABOVE COUNTER OR CASEWORK. REFER TO ARCHITECTURAL AND CASEWORK DETAILS FOR ACTUAL ELEVATION.
 - WHERE DEVICE HEIGHT OF 48" OCCURS AT POINT OF CHANGE OF FINISH, THE DEVICE SHALL BE LOWERED TO OCCUR IN ONE FINISH.
 - WHERE DEVICES OCCUR IN BRICK, TILE, OR BLOCK WALLS, THEY SHALL BE MOUNTED AT A VERTICAL MASONRY JOINT AND IN BOTTOM HORIZONTAL JOINT CLOSEST TO THE MOUNTING HEIGHT.

DRAWING LIST:

E-0.0	ELECTRICAL COVER SHEET
E-1.1	ELECTRICAL GROUND FLOOR DEMOLITION PLAN
E-1.2	ELECTRICAL GROUND FLOOR POWER & SIGNAL PLAN
E-1.3	ELECTRICAL GROUND FLOOR LIGHTING PLAN
E-1.4	ELECTRICAL ROOF PLAN

REVISIONS

ISSUE	DATE	REVISIONS



PROJECT COORDINATOR:

SEAL:

CONSULTANT:

SERA ENGINEERING
1700 SANSOM STREET
PHILADELPHIA, PA 19103
215-438-4464

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
CITY HALL
7TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE:
**HEALTH CARE CENTER NO. 10
PHASE 2 INTERIOR IMPROVEMENTS
1ST FLOOR**

DRAWING TITLE:
**ELECTRICAL
COVER SHEET**

PROJECT NO:
14-18-4745-01

DATE:
04/30/2019

DRAWN BY:
GG

CHECKED BY:
CR

DRAWING NO:
E-0.0

FILE PATH/

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK

Panel Name: Panel CP-1 (existing - UPS power)				100A MCB			42 pole			22 KAC			208/120V-3PH-4W First Floor		
Cir. No.	Cir. Bkr.	Wire Size	Description	Load (VA)			Load (VA)			Description	Wire Size	Cir. Bkr.	Cir. No.		
				A	B	C	A	B	C						
1	20/1	EX	Rec.- Reception	720			1000			Power Pole	EX	20/1	2		
3	20/1	EX	Rec.- Clerical			720		720		Rec.- Clerical	EX	20/1	4		
5	20/1	EX	Rec.- Dir. Office			720		720		Rec.- Nurses Station	EX	20/1	6		
7	20/1	EX	Rec.- Pharmacy	720			720			Rec.- Pharmacy	EX	20/1	8		
9	20/1	EX	Rec.- Registration			720		720		Rec.- Social Worker	EX	20/1	10		
11	20/1	EX	Rec.- Nurses Station			720		720		Rec.- Nurses Station	EX	20/1	12		
13	20/1	EX	Rec.- Med Records	720			720			Rec.- Nurses Station	EX	20/1	14		
15	20/1	EX	Rec.- Corridor			720		720		Rec.- Meeting Rm	EX	20/1	16		
17	20/1	2#10	Rec.- Office Suite 181			720		1080		Rec.- Computer Area (basement)	EX	20/1	18		
19	20/1	2#10	Rec.- Office 166	720			1440			Rec.- Exam Rms (basement)	EX	20/1	20		
21	20/1	2#10	Rec.- Office 166			720		1440		Rec.- Exam Rms (basement)	EX	20/1	22		
23	20/1	2#10	Rec.- Office 166			720		1440		Rec.- Exam Rms (basement)	EX	20/1	24		
25	20/1	2#10	Rec.- Office 166	360			1440			Rec.- Exam Rms (basement)	EX	20/1	26		
27	20/1	2#12	Rec.- Office 171			720		720		Rec.- Reception Desk	EX	20/1	28		
29	20/1	2#12	Rec.- Office 172			720		0		Spare		20/1	30		
31	20/1	2#12	Rec.- Office 172	720			0	0		Spare		20/1	32		
33	20/1	2#12	Rec.- Office 173			360		0		Spare		20/1	34		
35	20/1		Spare			0		0		Spare		20/1	36		
37	20/1		Spare	0		0		0		Spare		20/1	38		
39	20/1		Spare			0		0		Spare		20/1	40		
41	20/1		Spare			0		0		Spare		20/1	42		

Load Summary (by phase):

A	9280
B	8280
C	7560
Total	25120

Notes:

69.8 Connected Amps

