1. Prior to start of work contractor shall verify location of existing site features. Accept responsibility for transgression of any objects on or adjacent to the site. Contractor shall cease and desist all work until all objects are removed from the site.

2. Prior Notice to Property Owner. Prior to the removal of any property residing on or adjacent to the property, the contractor shall give the owner of the property at least 72 hours notice of the intended date of removal. The owner of the property shall be given the opportunity to view the property in question and discuss removal with the contractor. The owner shall be given the opportunity to remove any objects that the contractor deems are not necessary for the construction process. If the property owner chooses not to remove the objects, the contractor shall be responsible for all costs associated with the removal of said objects.

3. All existing trees to be removed shall be protected with 12" X 12" X 12" tree protection shoring. Tree protection shall be installed at least 12" away from the tree trunk. Tree protection shall be removed when the tree trunk has been removed. All existing trees to be removed shall be protected with 12" X 12" X 12" tree protection shoring. Tree protection shall be installed at least 12" away from the tree trunk. Tree protection shall be removed when the tree trunk has been removed.

4. Prior to the start of the construction process, the contractor shall verify the location of existing site features. The contractor shall cease and desist all work until all objects are removed from the site. The contractor shall give the owner of the property at least 72 hours notice of the intended date of removal. The owner of the property shall be given the opportunity to view the property in question and discuss removal with the contractor. The owner shall be given the opportunity to remove any objects that the contractor deems are not necessary for the construction process. If the property owner chooses not to remove the objects, the contractor shall be responsible for all costs associated with the removal of said objects.

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6. Prior to the start of the construction process, the contractor shall verify the location of existing site features. The contractor shall cease and desist all work until all objects are removed from the site. The contractor shall give the owner of the property at least 72 hours notice of the intended date of removal. The owner of the property shall be given the opportunity to view the property in question and discuss removal with the contractor. The owner shall be given the opportunity to remove any objects that the contractor deems are not necessary for the construction process. If the property owner chooses not to remove the objects, the contractor shall be responsible for all costs associated with the removal of said objects.

7. All existing trees to be removed shall be protected with 12" X 12" X 12" tree protection shoring. Tree protection shall be installed at least 12" away from the tree trunk. Tree protection shall be removed when the tree trunk has been removed.
NOTE:

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

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA, PENNSYLVANIA

PROJECT TEAM

Philadelphia Parks & Recreation
1515 Arch Street, 10th Floor
Philadelphia, PA 19102
Contact: Nancy Q. O'Donnell, 215.832.2174

Ground Reconsidered
230 South Broad Street, Suite 604
Philadelphia, PA 19102
215.790.0727 | www.groundreconsidered.com

KS Engineers, P.C.
35 S 3rd St.
Philadelphia, PA 19106
215.925.0425 | http://www.kseng.com/

Arora Engineers, LLC
1600 Market St Suite 1630,
Philadelphia, PA 19103
620.459.7900 | www.aroraengineers.com/

DATE: 02.07.2020
DRAWN BY: WM/JB/JJD

L-2.1

SITE DETAILS

CONCRETE PAVING, TYP.
Scale: 1-1/2" = 1'-0"

EXPANSION JOINT
1/2" EXPANSION JOINT SPACE, TYP.
CONCRETE PAVING SPACING, TYP.
EXPANSION JOINT FILLER
CONCRETE PAVING SPACING, TYP.

CONCRETE CURB
6" CONCRETE CURB

ASPHALT PAVING, TYP.
Scale: 1-1/2" = 1'-0"

ASPHALT PAVING
BONDED RUBBER SAFETY SURFACE

BONDED RUBBER SAFETY SURFACE / CONCRETE TRANSITION
Scale: 1-1/2" = 1'-0"

BONDED RUBBER SAFETY SURFACE / PLANT BED TRANSITION
Scale: 1-1/2" = 1'-0"

BONDED RUBBER SAFETY SURFACE / PLANT BED TRANSITION
Scale: 1-1/2" = 1'-0"

TAPERED CONCRETE CURB
Scale: 1" = 1'-0"

TAPER CURB FROM FLUSH TO 7" - 8"

COMPACTED AGGREGATE BASE

COMPACTED BASE - TYP.

UNDISTURBED OR COMPACTED SUBGRADE, TYP.
NOTE:

1. ASSUME 9'-0" O.C. VERTICAL JOINTING
2. SKATE DETERRENTS SHALL BE INSTALLED ON SIDES OF WALLS ADJACENT TO ASPHALT AND CONCRETE, NOT SAFETY SURFACE.

2" DIA. PVC PIPE AT LOCATION SHOWN ON 3/L-2.2
NOTE:
ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.
NOTE:
1. SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS

2. SEE SPECIFICATIONS FOR SOIL MODIFICATION.

3. SEE SPECIFICATIONS FOR MULCH.

4. SEE SPECIFICATIONS FOR GROUNDCOVER PLANTS.

5. SEE SPECIFICATIONS FOR HERBACEOUS PLANTING.

6. SEE SPECIFICATIONS FOR SHRUB PLANTING.

7. SEE SPECIFICATIONS FOR EARTHWORK.

8. SEE SPECIFICATIONS FOR TREE PLANTING.

9. SEE SPECIFICATIONS FOR TREE PROTECTION FENCE.

10. SEE SPECIFICATIONS FOR TREE PROTECTION WALL.

11. SEE SPECIFICATIONS FOR PLANTING DETAILS.

12. SEE SPECIFICATIONS FOR SITE AMENITIES.

13. SEE SPECIFICATIONS FOR LAMINATED MAPLE.

14. SEE SPECIFICATIONS FOR LAMINATED OAK.

15. SEE SPECIFICATIONS FOR LAMINATED BIRCH.

16. SEE SPECIFICATIONS FOR LAMINATED ASH.

17. SEE SPECIFICATIONS FOR LAMINATED CHERRY.

18. SEE SPECIFICATIONS FOR LAMINATED PECAN.

19. SEE SPECIFICATIONS FOR LAMINATED PINE.

20. SEE SPECIFICATIONS FOR LAMINATED SPRUCE.

21. SEE SPECIFICATIONS FOR LAMINATED ELM.

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100. SEE SPECIFICATIONS FOR LAMINATED SPRUCE.

101. SEE SPECIFICATIONS FOR LAMINATED ELM.

102. SEE SPECIFICATIONS FOR LAMINATED WILLOW.
All dimensions and conditions shall be verified by the contractor at the site before proceeding with the work.
NOTE:
ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.
NOTES:
1. All changes and modifications to this drawing during design phase shall be verified by the Contractor before proceeding with the work.
2. It is the Contractor's responsibility to verify the accuracy of the drawing before starting work.
3. The Contractor shall not make any changes or modifications to the drawing without the written approval of the Architect.
4. The Contractor shall be responsible for the installation of all work in accordance with the approved plans and specifications.
5. Any changes or modifications made by the Contractor shall be documented and submitted to the Architect for review.
6. The Contractor shall be responsible for the coordination of all work with other trades and the Architect.
7. The Contractor shall be responsible for the installation of all work in accordance with the approved plans and specifications.
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ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

FILE:
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA
PHILADELPHIA PARKS & RECREATION
CITY OF PHILADELPHIA

ARTFULLY REPRODUCED
BY MADMAN RADER

East Poplar Playground

DATE: 02.07.2020

Erosion & Sediment
Pollution Control Notes

ES-3
GENERAL ELECTRICAL NOTES:


2. CONTRACT DRAWINGS ARE IN CLIMATE AND NATURAL MATERIALS AND MAY REQUIRE ADDITIONAL DESIGN AND ENCUMBRANCES TO BE DRAWN TO THE END USER.

3. CONTRACTOR IS RESPONSIBLE FOR CoORDINATING ALL WORK INCLUDING CONSTRUCTION, DESIGN, AND INSTALLATION.

4. ALL FEEDER AND BRANCH CIRCUITS SHALL BE INSTALLED IN PVC PIPE SCHEDULE 40. UNLESS OTHERWISE SHOWN.

5. ALL NEW RCVY, OVER-CURRENT PROTECTIVE DEVICES SHALL HAVE INTERRUPTING CAPABILITIES OR RATINGS (AC OR RCVY AMMETERS SYMMETRICAL). ALL DEVICES SHALL BE FULLY RATED FOR AVAILABLE FAULT CURRENT.

6. ALL WIRE SHALL BE COLOR-CODED, SINGLE CONDUCTOR, COPPER WIRE OF THE SPECIFIED SIZE, 600V, TYPE USE, XLP INSULATION, .025 IN. MINIMUM.

7. THE CONTRACTOR SHALL PERFORM THE WORK AS INDICATED ON THE DRAWINGS. ANY DEVIATIONS FROM THE DRAWINGS SHALL BE SUBMITTED TO THE ACHIEVEMENT OF BUDGETS FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL BE LIABLE FOR ANY ISSUES THAT MAY ARISE DUE TO THE CHANGES.

8. UNLESS OTHERWISE NOTED: ALL WIRE SIZES SHALL BE BASED ON THE FOLLOWING:
   a. #2 THROUGH #10 OR LARGER - TABLE 250.110(A) COLUMN.
   b. #10 AND GREATER OR #10 AND LARGER - TABLE 310.15

9. ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES AND EQUIPMENT SHALL BE NEW, LABELED AND LISTED BY THE NATIONAL ELECTRICAL MANUFACTURERS' ASSOCIATION (NEMA) FOR USE IN THE ENVIRONMENT. REFER TO MANUFACTURERS' INSTRUCTIONS FOR INSTALLATION OF ALL EQUIPMENT. IF NOT INDICATED ON DRAWINGS. IF THERE IS A DISCREPANCY, MANUFACTURERS' INSTRUCTIONS TAKE PRECEDENCE.

10. THE EC SHALL FURNISH ALL ELECTRICAL EQUIPMENT, LABOR, AND MATERIALS REQUIRED FOR COMPLETE INSTALLATION OF THE WORK. UNLESS OTHERWISE NOTED, ALL ELECTRICAL MATERIALS, EQUIPMENT, DEVICES, AND CONDUIT SHALL BE OF THE SPECIFIED TYPE.

11. THE CONTRACTOR SHALL FOLLOW ALL MANUFACTURERS' INSTRUCTIONS FOR INSTALLATION OF ALL EQUIPMENT. IF NOT INDICATED ON DRAWINGS. IF THERE IS A DISCREPANCY, MANUFACTURERS' INSTRUCTIONS TAKE PRECEDENCE.

12. THE EC SHALL PROVIDE THE OWNER WITH THREE (3) COMPLETE SETS OF MANUFACTURER'S OPERATING, MAINTENANCE AND SERVICE INSTRUCTIONS (IN HARD COPY AND PDF) INCLUDING PARTS LIST, AND COMPLETE PROCUREMENT INFORMATION FOR EQUIPMENT MOUNTED IN THE有關 SYSTEMS AND/OR PARTS THEREOF CONFORM TO THE INSTALLATION AND PERFORMANCE OF THE SYSTEMS OF OBSTRUCTIONS, DEBRIS, SCALE, DUST, DIRT, AND OTHER SUBSTANCES.

13. ALL WIRING, EQUIPMENT, AND CONDUCTORS SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE AND TO THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY.

14. ALL WIRING METHODS SHALL BE NEC COMPLIANT AND MEET THE REQUIREMENTS OF THE SPACE, OCCUPANCY & CONDITION OF USE.

15. CONTRACTOR SHALL FIELD VERIFY THE EXISTING CONDITIONS AND IMPACT ANY DISCREPANCIES TO THE ENGINEER FOR CORRECTION, ESTIMATING, RECALCULATION, ETC. AS REQUIRED.

16. THE CONTRACTOR SHALL VERIFY AND APPROVE ALL ELEVATIONS IN THE FIELD AND NOTIFY THE ENGINEER OF ANY CHANGES OR DISCREPANCIES ON THE DRAWINGS.

17. THE CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS IN THE FIELD AND NOTIFY THE ENGINEER OF ANY CHANGES OR DISCREPANCIES ON THE DRAWINGS.

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19. THE CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS IN THE FIELD AND NOTIFY THE ENGINEER OF ANY CHANGES OR DISCREPANCIES ON THE DRAWINGS.

20. WITH RESPECT TO CONSTRUCTION BASED ON THESE DRAWINGS, THE EC IS ULTIMATE RESPONSIBLE FOR ALL INCOMPLETE HEADS AND METHODS MEETING ALL APPLICABLE CODES AND STANDARDS.

21. ALL ELECTRICAL EQUIPMENT THAT IS LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED SHALL BE ENSUR AMENDED PER NEC 110.11.

22. THE EC SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS THAT MAY AFFECT THE WORK. THE EC SHALL NOT BE ENRTEXT TO CHARGE RENDERS DUE TO FAILURE TO COMPLY.

23. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL MATERIAL AND METHOD ISSUES WHICH SPECIFICALLY REQUESTED BEING USED IN THE COURSE OF THE WORK. A MINIMUM OF TWO (2) COPIES, ITSELF ACHIEVEMENT OF BUDGETS FOR REVIEW. PURCHASE OF OR INSTALLATION OF MATERIALS OR SYSTEMS WITHIN TEN (10) DAYS, (MINUTES BACK DRAWINGS/CATALOG CUTS ARE RETURNED TO THE SUBMITTING CONTRACTOR. ACCESSORIES REQUIRED TO BE PROVIDED BY THE UNIT MANUFACTURERS OR, IF NOT A FACTORY STANDARD, BY THE CONTRACTOR.

24. ALL WORK SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER SO THAT DISRUPTION TO THE ACHIEVEMENT OF BUDGETS FOR REVIEW. PURCHASE OF OR INSTALLATION OF MATERIALS OR SYSTEMS WITHIN TEN (10) DAYS, (MINUTES BACK DRAWINGS/CATALOG CUTS ARE RETURNED TO THE SUBMITTING CONTRACTOR. ACCESSORIES REQUIRED TO BE PROVIDED BY THE UNIT MANUFACTURERS OR, IF NOT A FACTORY STANDARD, BY THE CONTRACTOR.

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26. PRIOR TO ACCEPTANCE, ALL SYSTEMS SHALL BE TESTED, CHECKED, AND BALANCED AT THE OWNER'S CONVENIENCE TO THE USER AT THEIR OWN RISK.

27. THE CONTRACTOR SHALL UPON COMPLETION OF THE WORK, SUBMIT A SET OF REPRODUCED DRAWINGS, COPIES OF THIS DRAWING WITHOUT A DISCREPANCY, MANUFACTURERS' INSTRUCTIONS TAKE PRECEDENCE.

28. THE CONTRACTOR SHALL UPON COMPLETION OF THE WORK, SUBMIT A SET OF REPRODUCED DRAWINGS, COPIES OF THIS DRAWING WITHOUT A DISCREPANCY, MANUFACTURERS' INSTRUCTIONS TAKE PRECEDENCE.

29. THE CONTRACTOR SHALL UPON COMPLETION OF THE WORK, SUBMIT A SET OF REPRODUCED DRAWINGS, COPIES OF THIS DRAWING WITHOUT A DISCREPANCY, MANUFACTURERS' INSTRUCTIONS TAKE PRECEDENCE.

30. THE CONTRACTOR SHALL UPON COMPLETION OF THE WORK, SUBMIT A SET OF REPRODUCED DRAWINGS, COPIES OF THIS DRAWING WITHOUT A DISCREPANCY, MANUFACTURERS' INSTRUCTIONS TAKE PRECEDENCE.

31. THE CONTRACTOR SHALL UPON COMPLETION OF THE WORK, SUBMIT A SET OF REPRODUCED DRAWINGS, COPIES OF THIS DRAWING WITHOUT A DISCREPANCY, MANUFACTURERS' INSTRUCTIONS TAKE PRECEDENCE.
VERIFIED BY THE CONTRACTOR AT THE SITE

ALL DIMENSIONS AND CONDITIONS SHALL BE CHECKED BY:

DRAWN BY:

SCALE: 1" = 10'

ELECTRICAL SITE PLAN - NEW WORK

E-3

02.07.2020

PROJECT NO.

FH

ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO PERFORMING WORK.

EXISTING LIGHTS ARE WORKING AFTER WORK IS COMPLETE.

EXISTING HANDHOLE TO PROPOSED NEW HANDHOLE.

DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS FROM EXISTING HANDHOLE.

DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS FROM EXISTING LIGHT POLE TO EXISTING HANDHOLE.

ERECT CONDUIT AND PROVIDE WATER-PROOF SPLICES TO EXISTING HANDHOLE.

PAINT EXPOSED CONDUIT TO MATCH ADJACENT SURFACES.

ABBREVIATIONS.

REFER TO DRAWING E-1 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.

PATCH AND REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION. PASTE ADHESIVE SURFACE. MAKE INTERIOR CONDUIT TIGHT TO STRUCTURE. RUN CONDUIT WHERE APPLICABLE. PAINT EXPOSED CONDUIT TO MATCH ADJACENT SURFACES.

CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO PERFORMING WORK.

EXISTING LIGHT POLE TO EXISTING HANDHOLE.

COORDINATE WITH PLUMBING DRAWINGS AND WITH PLUMBING RATING. FURNISH AND INSTALL 2#12 & 1#12G IN 3/4"C FROM PANEL TO JB.

ABBREVIATIONS.

(A) PANEL "A"

(B) PANEL "B"

(C) PANEL "C"

(D) PANEL "D"

(E) PANEL "E"

(F) PANEL "F"

(G) PANEL "G"

1. REFER TO DRAWING E-1 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.

2. PATCH AND REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION. PASTE ADHESIVE SURFACE. MAKE INTERIOR CONDUIT TIGHT TO STRUCTURE. RUN CONDUIT WHERE APPLICABLE. PAINT EXPOSED CONDUIT TO MATCH ADJACENT SURFACES.

3. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO PERFORMING WORK.

4. DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS FROM EXISTING HANDHOLE.

5. DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS FROM EXISTING LIGHT POLE TO EXISTING HANDHOLE.

6. DISCONNECT AND REMOVE EXISTING CONDUIT AND CONDUCTORS FROM EXISTING HANDHOLE TO PROPOSED NEW HANDHOLE.

7. REMOVED EXISTING HANDHOLE.

8. FURNISH AND INSTALL NEW ELECTRICAL HANDHOLE; PROVIDE 18" X 18" BASE SIZE HANDHOLE. EXTEND EXISTING CONDUIT AND PROVIDE INTERIOR SPLICES TO EXISTING CONDUIT IN HANDHOLE AND AT EXISTING LIGHT POLE. PROVIDE ALL CONDUIT, CABLE, JUICE KITS AND ACCESSORIES AS REQUIRED FOR INSTALLATION IN NEW HANDHOLE. REMOVED EXISTING LIGHTS WORKING AFTER WORK IS COMPLETE.
PLUMBING SYMBOLS:

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<th>SYMBOL</th>
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<td>BV</td>
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GENERAL SYMBOLS:

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<td>NWK</td>
<td>NEW WORK KEY NOTE</td>
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GENERAL PLUMBING NOTES:

1. ALL SYMBOLS AND ABBREVIATIONS MAY NOT APPLY TO THIS PROJECT.

2. CONTRACTOR SHALL COMPLY WITH ALL REGULATIONS AND LAWS OF AUTHORITIES HAVING JURISDICTION. INSTALLATION SHALL BE IN ACCORDANCE WITH 2018 PHILADELPHIA PLUMBING CODE, ADOPTED OCTOBER 1, 2019 AND THE PHILADELPHIA WATER DEPARTMENT CROSS CONNECTION CONTROL MANUAL.

3. CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND IDENTIFY ALL UNDERGROUND UTILITIES WITHIN THE CONSTRUCTION AREA. WHETHER RECORDED ON DRAWINGS OR NOT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO UNDERGROUND UTILITIES DAMAGED DURING CONSTRUCTION. NO REMEDY WILL BE AVAILABLE FOR UTILITIES REPLACED/REPLACED.

4. THE CONTRACTOR SHALL NOT ALLOW ANY STORAGE AREA OTHER THAN THAT ALLOWABLE WITHIN THE LIMITS OF THE BUILDING, CONFORMS TO THE WORK AREA, OR AS DESIGNATED BY THE OWNER.

5. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. CONTRACTOR SHALL NOT SCALE DRAWINGS FOR DIMENSIONS.

6. ALL MATERIALS SHALL COMPLY WITH APPLICABLE CODES, ORDINANCES AND REGULATIONS.

7. ALL PENETRATIONS THROUGH DESIGNATED FIRE RATED WALLS, CEILINGS AND FLOOR SLABS (WHERE MEASURE RATED) SHALL BE FPROPERLY SEALED WITH AN APPROVED RATED FIRE AND SMOKE STOPPING MATERIAL. CONTRACTOR SHALL SUBMIT MANUFACTURER'S CATALOG DATA AND INSTALLATION DETAIL FOR FIRE AND SMOKE STOPPING TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

8. PRIOR TO DELIVERY OF ANY MATERIALS TO THE SITE, THE CONTRACTOR SHALL PROVIDE MANUFACTURER'S DATA SHEETS FOR ALL ITEMS AND MATERIALS USED IN THE WORK.

9. PRIOR TO ACCEPTANCE, ALL SYSTEMS SHALL BE TESTED AND OPERATED TO DEMONSTRATE TO THE OWNER, THE DESIGNATED REPRESENTATIVE, THAT THE INSTALLATION AND PERFORMANCE OF THESE SYSTEMS AND PARTS THEREOF COMPLY WITH THE DESIGN INTENT.

10. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS & EQUIPMENT REQUIRED FOR THE CONSTRUCTION & OPERATION OF ALL SYSTEMS IN ACCORDANCE WITH ALL APPLICABLE CODES.

11. CONTRACTOR SHALL GATHER ALL NECESSARY PERMITS AND APPRAISAL, AND PAY ALL RELATED FEES.


13. SECURE AND DELIVER TO THE OWNER'S REPRESENTATIVE ALL CERTIFICATES OF COMPLIANCE REQUIRED BY THE AHJ.

14. CONTRACTOR SHALL GIVE SUITABLE NOTICE TO ALL APPLICABLE UTILITY COMPANIES AND OTHERS PRIOR TO PERFORMING WORK INVOLVING UTILITIES.

15. ALL EQUIPMENT SHALL BE CARED, STORED AND PROTECTED TO PREVENT DAMAGE BEFORE AND DURING INSTALLATION IN ACCORDANCE WITH MANUFACTURERS' INSTRUCTIONS.

16. CONTRACTOR SHALL PROVIDE AND INSTALL ACCESS DOORS FOR ACCESS TO EACH CONCEALED VALVE, PIECE OF EQUIPMENT, ETC.

17. ALL EQUIPMENT, ETC. SHALL BE LOCATED AND INSTALLED IN A READILY ACCESSIBLE LOCATION SO AS TO PERMIT ACCESS FOR SERVICE WITHOUT DAMAGE TO BUILDING OR FINISHED MATERIALS, PER MANUFACTURERS' INSTRUCTIONS AND APPROPRIATE CODES.

18. ALL MATERIALS SHALL BE NEW AND SHALL FIT THE SPACE AVAILABLE, VERIFY DIMENSIONS AT SITE.

19. ALL RIPPING, APPRAISAL, EQUIPMENT, ETC. SHALL BE PROPERLY SUPPORTED. BALANCED VERTICALLY AND HORIZONTALLY IN ACCORDANCE WITH APPLICABLE CODES AND AS REQUIRED TO PREVENT EXCESSIVE MOVEMENT.

20. VALUES AND FITTINGS SHALL BE OF THE SAME SIZE AS THE RIPPING FOR WHICH THEY ARE INSTALLED UNLESS OTHERWISE NOTED.

21. STORED DOMESTIC WATER RIPPING IN ACCORDANCE WITH HEALTH DEPARTMENT REGULATIONS.

22. WATER RIPPING SHALL NOT BE RUN IN AREAS SUBJECT TO FREEZING TEMPERATURES UNLESS OTHERWISE NOTED.

23. PROVIDE DEMO VALUES AT ALL LOW POINTS OF DOMESTIC WATER PIPING SYSTEM FOR COMPLETE DRAINAGE AND INDICATE LOCATION OF SAME ON RECORD DRAWINGS.

24. PROVIDE VACUUM BREAKERS AS REQUIRED.

25. CONTRACTOR SHALL REVERIFY ALL FINISHED SURFACES INCLUDING BUT NOT LIMITED TO WALLS AND FLOORS DAMAGED BY CONSTRUCTION.
GENERAL NOTES:

1. An addition to the existing building along with associated walkways and supporting infrastructure is shown as existing conditions for reference. See architectural and civil engineering plans for details of these proposed improvements.

2. Refer to Drawing P-1 for general notes, symbols and abbreviations.

3. Refer to architectural plans for additional demolition scope to provide clear work area for new spray features.

KEYED NOTES:

EXISTING INCOMING DOMESTIC WATER SERVICE AND pipe for existing spray features. Refer to Detail 3, this page for extent of demolition of domestic water pipe.

PLUMBING SITE PLAN - DEMOLITION

NOT TO SCALE

DOMESTIC RISER - DEMOLITION

NOT TO SCALE
GENERAL NOTES:

1. THE EXISTING BUILDING ALONG WITH ASSOCIATED WALKWAYS AND SUPPORTING INFRASTRUCTURE IS SHOWN AS EXISTING CONDITIONS FOR REFERENCE. SEE ARCHITECTURAL AND CIVIL ENGINEERING PLANS FOR DETAILS OF THESE PROPOSED IMPROVEMENTS.

2. REFER TO DRAWINGS P-1 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.

3. PROVIDE 2% SLOPE FOR ALL DOMESTIC WATER PIPING TO LOW POINT AT CONCRETE MANIFOLD BOX TO TO SPRAY FEATURES ON EACH PIPE BRANCH.

4. PROVIDE GROUNDING TO ALL SPRAY FEATURES PER MANUFACTURER. REFER TO ELECTRICAL DRAWINGS.

5. REFER TO RISER DIAGRAM ON DRAWING P-4 FOR WATER SUPPLY AND PIPE SIZING.

6. FIELD COORDINATE LOCATION OF NEW PIPE WITH UNDERGROUND UTILITIES, INCLUDING, BUT NOT LIMITED TO NEW ELECTRICAL DUCT BANK.

KEYED NOTES:

1. PROVIDE SHUT-OFF VALVE AND CONCRETE MANIFOLD BOX FOR SPRAY AREA TO FACILITATE MAINTENANCE.

2. SPRAY GROUND WATER SERVICE SHALL HAVE A NEW, SEPARATE BACK FLOW PREVENTER (BFP). FIELD VERIFY NEW TIE IN LOCATION IN MECHANICAL ROOM.

3. REFER TO RISER DIAGRAM ON DRAWING P-4 FOR PIPE SIZES TO SPRAY FEATURES ON EACH PIPE BRANCH.

4. LOCATE AND COORDINATE ALL EXISTING UNDERGROUND PIPING, CONDUIT ETC. PRIOR TO INSTALLATION OF SPRAYGROUND PIPE.

5. SPRAYGROUND PIPE SHALL SLOPE TO MANIFOLD VAULT FROM SPRAYGROUND TO ALLOW FOR SYSTEM WINTERIZATION.

6. COORDINATE CONTROL PANEL LOCATION WITH ELECTRICAL DRAWING E-3 AND ARCHITECTURAL PLANS. PROPOSED LOCATION FOR CONTROL PANEL IS IN MECHANICAL ROOM.

7. AREA DRAWN BY SPRAY FEATURE MANUFACTURER.

8. FIELD COORDINATE PIPE LOCATION WITH FOOTINGS FOR WALLS, EQUIPMENT, LANDSCAPE FEATURES ETC.

9. RUN NEW 3/4" DOMESTIC WATER TO PLAYGROUND DRINKING FOUNTAIN; PIPE MUST BE RUN 3' MINIMUM BELOW GROUND SURFACE. REFER TO TC-1.1 FOR DRINKING FOUNTAIN MODEL.
GENERAL NOTES:
1. BACKFLOW PREVENTER SHALL BE IN COMPLIANCE WITH THE PWD CROSS CONNECTION CONTROL MANUAL AND APPROVED BACKFLOW PREVENTER.

2. LAYOUT AND DIMENSIONS SHOWN FOR GENERAL REFERENCE ONLY. PIPING LAYOUT AND MANIFOLD BOX LOCATION SHALL BE COORDINATED WITH LANDSCAPE FEATURES AND SPRAY GROUND EQUIPMENT MANUFACTURER.

NOTE: SPRAY FEATURE EQUIPMENT PRESSURE AND FLOW RATE IS BASED ON MANUFACTURER FEATURE LAYOUT. BEFORE PROCEEDING WITH THE WORK, REFER TO NOTE 1. PROVIDE WITH AIR GAP, PIPE TO CLOSEST FLOOR DRAIN.

BFP-1 BACKFLOW PREVENTER SHALL BE IN COMPLIANCE WITH THE PHILADELPHIA WATER DEPARTMENT CROSS CONNECTION CONTROL MANUAL FOR APPROVED BACKFLOW PREVENTERS AND INSTALLATION.

PIPING SCHEDULE
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<tr>
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CONCRETE MANIFOLD VAULT DETAIL

SPRAY FEATURE CONTROL
SYMBOL: CFT
DESCRIPTION: MANUFACTURER, MODEL, NOTES & ACCESSORIES

MANUAL SHUT OFF VALVE SCHEDULE (MAIN SHUT OFF)
SYMBOL: WFT
DESCRIPTION: MANUFACTURER, MODEL, NOTES & ACCESSORIES

PLUMBING EQUIPMENT SCHEDULE
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<td>BACKFLOW PREVENTER RESIDUAL PRESSURE ASSEMBLY</td>
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<td>AWP-GY</td>
<td>WATER DESIGN CHARGED HEAVY DUTY IN A DEEP STONE</td>
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PLUMBING SCHEDULES AND DETAILS

TOTAL WATER REQUIREMENT FOR SPRAY FEATURES
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<tr>
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CONCRETE VAULT TO SPRAYGROUND FEATURES.
6" THICK SLAB TOP
6" THICK CONCRETE WALLS/SLAB
VAULT BUNKER
VAULT VAULT TO BE PIPED TO AREA DRAIN AS PART OF LANDSCAPE WORK.

NOTE: COORDINATE TIMER WITH RECREATION CENTER HOURS OF OPERATION.