Attachment D-

Contract Drawings
### Roof Demolition Keynotes

1. **REMOVE EXISTING ROOF SYSTEM, COMPLETELY IN THIS AREA, INCLUDING MEMBRANES, CAP SHEETS, FLASHINGS, INSULATION, ROOF DECK, COPING, AND FASCIA.**

2. **REMOVE EXISTING METAL FASCIA PANEL AND GRAVEL STOP, SHORE UP ROOF STRUCTURE ABOVE, FOR NEW METAL PANEL FASCIA.**

3. **REMOVE EXISTING VENTILATOR, CURB AND FLASHING.**

4. **REMOVE PORTION OF EXISTING PARAPET FOR NEW ADDITION’S ROOF TIE IN.**

5. **EXISTING ROOF SYSTEM TO REMAIN.**

### General Demo Notes

1. **DEMO WORK INCLUDES, BUT NOT LIMITED TO THE WORK INDICATED, AS COORDINATED WITH WORK OF ALL OTHER TRADES, AS INDICATED ELSEWHERE, AND AS REQUIRED TO ACCOMMODATE CONSTRUCTION. ALL DEMO REQUIRED SHALL BE INCLUDED IN EACH CONTRACTOR’S BASE. BID TO PERFORM AND COMPLETE CONSTRUCTION UNLESS OTHERWISE INDICATED. REFER TO ASBESTOS ABATEMENT REPORT AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.**

2. **GENERAL CONTRACTOR SHOULD INCLUDE COSTS FOR ALL DEMOLITION INCLUDING BUT NOT NECESSARILY LIMITED TO THE FOLLOWING:**

   - **ITEMS TO BE SALVAGED, RELOCATED, OR REINSTALLED SHALL BE AS INDICATED. SPECIAL CARE IS TO BE TAKEN SO AS NOT TO DAMAGE THESE ITEMS.**

   - **THE G.C. SHALL COORDINATE THE STORAGE OF ALL SALVAGED ITEMS TO BE EITHER RELOCATED OR REINSTALLED WITH THE OWNER.**

   - **LOCATIONS AND/OR ELEVATIONS OF EXISTING ITEMS, AS SHOWN ON THE DRAWINGS, ARE APPROXIMATE. RESPECTIVE TRADES SHALL FIELD VERIFY.**

   - **WHEN A NEW WALL, CEILING, ROOF, OR FLOOR ASSEMBLY IS INDICATED WHERE AN EXISTING WALL, CEILING, ROOF, OR FLOOR ASSEMBLY EXISTING SHALL BE COMPLETELY REMOVED, WITH ASSOCIATED UTILITIES REMOVED AND CAPPED BEHIND THE SURFACE OF THE REMAINING SUBSTRATE, UNLESS NOTED OTHERWISE. ALL DEPRESSIONS, INDENTS, OR PROTRUSIONS ETC., LEFT AFTER THE REMOVAL OF ITEMS WHICH WILL INTERFERE WITH THE CONSTRUCTION SHALL BE REPAIRED, REPLACE OR REMOVED TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND OLD SURFACES.**

   - **THE CONTRACTORS SHALL VERIFY ALL CONDITIONS PRIOR TO COMMENCING DEMOLITION. SHOULD QUESTIONS ARISE, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT, IN WRITING, PRIOR TO PROCEEDING WITH DEMOLITION.**

   - **CONTRACTORS ARE RESPONSIBLE FOR SHORING, BRACING, AND UNDERPINNING RELATED TO THE DEMOLITION, REMOVAL OR CUTTING OF ANY WALL, PARTITION OR ANY OTHER STRUCTURAL ELEMENT.**

   - **CONTRACTOR SHALL PROTECT EXISTING ROOF ASSEMBLIES FROM DAMAGE DURING DEMOLITION AND NEW WORK.**

   - **ALL WORKS FOR THE NEW WORK TO EXISTING WORK SHALL BE DONE IN A MANNER THAT DOES NOT VOID THE EXISTING ROOF WARRANTY.**

   - **CONTRACTOR SHALL PROTECT EXISTING ROOF ASSEMBLIES FROM DAMAGE DURING DEMOLITION AND NEW WORK.**

   - **GENERAL DEMO WORK INCLUDES, BUT NOT LIMITED TO THE WORK INDICATED, AS COORDINATED WITH WORK OF ALL OTHER TRADES, AS INDICATED ELSEWHERE, AND AS REQUIRED TO ACCOMMODATE CONSTRUCTION. ALL DEMO REQUIRED SHALL BE INCLUDED IN EACH CONTRACTOR’S BASE. BID TO PERFORM AND COMPLETE CONSTRUCTION UNLESS OTHERWISE INDICATED. REFER TO ASBESTOS ABATEMENT REPORT AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.**

   - **GENERAL CONTRACTOR SHOULD INCLUDE COSTS FOR ALL DEMOLITION INCLUDING BUT NOT NECESSARILY LIMITED TO THE FOLLOWING:**

### City of Philadelphia

**DEFINITIONS:**

- **REMOVE:** REMOVE AND LEGAL DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REMOVED, BUT NOT TO REMAIN THE OWNER’S PROPERTY.

- **EXISTING TO REMAIN:** PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING DEMOLITION AND NEW CONSTRUCTION.

### Drawing Details

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

- **DATE:** 10/23/20

- **NOTE:** ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.
GENERAL DEMO. NOTE

1. GENERAL OR TILTED CEMENTitous CEILING TO REMAIN, PREP FOR NEW PAINT.
2. REPAIR AND PATCH EXISTING CEILING TO MATCH ADJACENT.
3. REMOVE EXISTING DIFFUSERS, TYP. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REMOVE VENT, SEE MECHANICAL DRAWINGS.
5. REMOVE ALL EXISTING LIGHT FIXTURES, EMERGENCY LIGHT FIXTURES, AND EXIT SIGNS AND SET ASIDE FOR REUSE.
6. REMOVE EXISTING METAL FASCIA AND CEILING, TYP FOR 2.
7. REMOVE EXISTING WOOD PANELING VALANCE AT CEILING. TYP AT ALL WALLS IN MEETING ROOM.
8. REMOVE EXISTING WOOD PANELING VALANCE AT CEILING. TYP AT ALL WALLS IN MEETING ROOM.
9. REMOVE ALL EXISTING LIGHT FIXTURES, EMERGENCY LIGHT FIXTURES, AND EXIT SIGNS AND SET ASIDE FOR REUSE.
10. PREP ALL INTERIOR WALL AND CEILING SURFACES FOR PAINT INCLUDING UNDERSIDE OF EXPOSED ROOF DECK AND ROOF TRUSSES, IF APPLICABLE.
11. PREP EXTERIOR COLUMNS FOR PAINT.
12. SCRAPE UNDERSIDE OF EXTERIOR CANOPY AND PREP FOR PAINT.
13. OPEN AND PARTIALLY DEMO WALLS, CEILINGS, AND FLOORS AS REQUIRED FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK. COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
14. SCRAPE UNDERSIDE OF EXTERIOR CANOPY AND PREP FOR PAINT.
15. REPLACE EXISTING WOOD BEAM WITH NEW STEEL BEAM, SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
16. SCRAPE AND WIRE BRUSH EXISTING METAL JOISTS AND CEILING SURFACE AND PREPARE FOR NEW PAINT.
17. REMOVE EXISTING METAL FASCIA AND CEILING, TYP FOR 2.
18. REMOVE EXISTING CEILING TO REMAIN, PREP FOR NEW PAINT.
19. REMOVE EXISTING WOOD PANELING VALANCE AT CEILING. TYP AT ALL WALLS IN MEETING ROOM.
20. SCRAPE UNDERSIDE OF EXTERIOR CANOPY AND PREP FOR PAINT.
EXISTING SOUTH ELEVATION

EXISTING WEST ELEVATION

EXISTING EAST ELEVATION

ELEVATION DEMOLITION KEYNOTES

Note No  
Note Text

1 REMOVE EXISTING DOOR, FRAME AND HARDWARE

3 REMOVE EXISTING LIGHT FIXTURES, TYP

5 REMOVE EXISTING WALL LOUVER, FRAME, SILL AND SECURITY SCREEN

6 REMOVE EXISTING LIMESTONE SILL ASSEMBLY, AND EXISTING WINDOW INFILL.

7 REMOVE COMPOSITE PANEL AND SOFFIT (TYP) 

8 REMOVE CANOPY IN THIS AREA INCLUDING, FASCIA, FRAMING AND ROOFING MATERIAL.

9 SCRAPE AND WIREBRUSH COLUMNS, BEAMS, SUPPORTS AND OPEN WEB STEEL JOISTS TO REMOVE SURFACE RUST AND PREP FOR PAINT.

10 REMOVE EXISTING WALL LOUVER, FRAME, SILL AND SECURITY SCREEN

11 REMOVE BRICK AND CMU MASONRY AT SIDES OF OPENINGS TO BE INFILLED AND MODIFIED TO ALLOW TOOTHING IN OF NEW MASONRY (TYP)

12 REMOVE THROUGH WALL AC UNIT, SEE MECHANICAL.

DEPARTMENT OF PUBLIC PROPERTY
1515 Arch Street, 11th Floor
Philadelphia, PA 19102

REVISIONS

VIF

HIGH ROOF

EX CNPY CLG

PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
NELSON PLAYGROUND

DRAWING TITLE

PERMIT SET 10/23/20

EXECUTIVE SUMMARY

STATEMENT OF WORK

ARCHITECT:
JOHNSON, MIRMIRAN, AND THOMPSON, INC.
1600 MARKET STREET, SUITE 520
PHILADELPHIA, PA 19103
267.256.0300  |  WWW.JMT.COM

SYSTEMS ENGINEER:
JOHNSON, MIRMIRAN, AND THOMPSON, INC.
1600 MARKET STREET, SUITE 520
PHILADELPHIA, PA 19103
267.256.0300  |  WWW.JMT.COM

GENERAL CONTRACTOR SHOULD INCLUDE COSTS FOR ALL DEMOLITION INCLUDING BUT NOT NECESSARILY LIMITED TO THE FOLLOWING:

1. DEMOLITION WORK INCLUDES, BUT NOT LIMITED TO THE WORK INDICATED AS COORDINATED WITH WORK OF ALL OTHER TRADES, AS INDICATED ELSEWHERE, AND AS REQUIRED TO ACCOMMODATE CONSTRUCTION. ALL DEMOLITION REQUIRED SHALL BE INCLUDED IN EACH CONTRACTOR'S BASE BID TO PERFORM AND COMPLETE CONSTRUCTION UNLESS OTHERWISE INDICATED. REFER TO ASBESTOS ABATEMENT REPORT AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

2. ALL ITEMS DESIGNATED AS 'SALVAGED' SHALL BE TURNED OVER TO OWNER.

3. ITEMS TO BE SALVAGED, RELOCATED, OR REINSTALLED SHALL BE AS INDICATED. SPECIAL CARE IS TO BE TAKEN SO AS NOT TO DAMAGE THESE ITEMS. THE CONTRACTORS SHALL VERIFY ALL CONDITIONS PRIOR TO COMMENCING DEMOLITION. SHOULD QUESTIONS ARISE, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT, IN WRITING, PRIOR TO PROCEEDING WITH DEMOLITION.

4. LOCATIONS AND/OR ELEVATIONS OF EXISTING ITEMS, AS SHOWN ON THE DRAWINGS, ARE APPROXIMATE. RESPECTIVE TRADES SHALL FIELD VERIFY ALL LOCATIONS.

5. CONTRACTOR SHALL PROTECT EXISTING ROOF ASSEMBLIES FROM DAMAGE DURING DEMILITION AND NEW WORK. ALL DEMOLITION AND NEW WORK TO EXISTING WORK SHALL BE DONE IN A MANNER THAT DOES NOT VOID THE EXISTING ROOF WARRANTY.

6. WHEN A NEW WALL, CEILING, ROOF, OR FLOOR ASSEMBLY IS INDICATED WHERE AN EXISTING WALL, CEILING, ROOF, OR FLOOR ASSEMBLY EXISTS, THE SUBSTRATE, UNLESS NOTED OTHERWISE. ALL DEPRESSIONS, INDENTS, OR PROTRUSIONS ETC. LEFT AFTER THE REMOVAL OF ITEMS WHICH WILL INTERFERE WITH THE CONSTRUCTION SHALL BE REPAIRED, REPLACE OR REMOVED TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND OLD SURFACES.

7. DEFINITIONS:

DEPOSITED: REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN THE OWNER'S PROPERTY.

EXISTING TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING DEMOLITION AND NEW CONSTRUCTION. THE SITE BEFORE PROCEEDING WITH THE WORK.

CONTRACTOR SHALL PROTECT EXISTING ROOF ASSEMBLIES FROM DAMAGE DURING DEMOLITION AND NEW WORK.

ALL DEMOLITION AND NEW WORK TO EXISTING WORK SHALL BE DONE IN A MANNER THAT DOES NOT VOID THE EXISTING ROOF WARRANTY.

DEPARTMENT OF PUBLIC PROPERTY
1515 Arch Street, 11th Floor
Philadelphia, PA 19102
2. INTERIOR DIMENSIONS ARE TO FINISHED FACE OF WALL SURFACE.

3. ALL DOOR JAMBS AT HINGE SIDE TO BE SET 6" FROM ADJACENT WALL (MIN.) OR AS OTHERWISE NOTED.

5. REFERENCE FINISH SCHEDULE FOR FINISH SPECIFICATIONS.

6. CONTRACTOR SHALL PROVIDE AND INSTALL WALL BLOCKING AS REQUIRED TO SUPPORT ALL WALL HUNG CABINETRY, WALL-HUNG FIXTURES, COUNTERTOPS, SHELVING, AND ACCESSORIES. CONTRACTOR TO COORDINATE CLEARANCES FOR ALL BACK TO BACK FIXTURES.

7. CONFIRM ALL MEASUREMENTS. ALIGN FACE OF NEW CONSTRUCTION WITH FACE OF EXISTING CONSTRUCTION UNO.

8. FLUSH LEVER ON TOILET TO BE LOCATED ON LAVATORY SIDE.

10. PROTECT ALL EXISTING ITEMS TO REMAIN DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.

12. REFER TO SHEET A7.0 FOR TOILET ROOM ACCESSORIES SCHEDULE.

13. PATCH AND REPAIR EXTERIOR MASONRY WALL SURFACES AND FINISH SURFACES WITH CEMENT PLASTER TO MATCH EXISTING.

14. PRIME ALL NEW AND PATCHED EXTERIOR WALL SURFACES TO RECEIVE FINISH COATS. FINISH COATS BY OTHERS, UNO.

15. FOR WINDOW AND DOOR TYPES SEE SHEET A7.0.

16. COORDINATE ALL OPENINGS IN CMU WALLS WITH MECHANICAL AND STRUCTURAL.

17. VERIFY STRUCTURAL JOIST DIMENSIONS.

1. PRIME ALL METAL SURFACES THAT WILL COME INTO CONTACT WITH ADHESIVES.

NOTE: ALL METAL SURFACES THAT WILL COME INTO CONTACT WITH ADHESIVES.
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS BEFORE START OF WORK. NOTIFY ARCHITECT IN WRITING OF ALL DISCREPANCIES BEFORE START OF WORK.

2. ALL DOR JAMBS AT HINGE SIDE TO BE SET 6" FROM ADJACENT WALL (MIN.) OR AS OTHERWISE NOTED.

3. ALL FLOORING TRANSITIONS SHALL OCCUR AT CENTERLINE OF CLOSED DOOR, TYPICAL UNO.

4. REFERENCE FINISH SCHEDULE FOR FINISH SPECIFICATIONS.

5. CONFIRM ALL MEASUREMENTS. ALIGN FACE OF NEW CONSTRUCTION WITH FACE OF EXISTING CONSTRUCTION UNO.

6. FLUSH LEVER ON TOILET TO BE LOCATED ON LAVATORY SIDE.

7. REFER TO SHEET G0.2, FOR ALL PLUMBING FIXTURES AND ACCESSORIES MOUNTING HEIGHTS.

8. REFERENCE TOILET ROOM FIXTURE SCHEDULE.

9. REFER TO SHEET A7.0 FOR TOILET ROOM ACCESSORIES SCHEDULE.

10. PATCH AND REPAIR EXTERIOR MASONRY WALL SURFACES AND FINISH SURFACES WITH CEMENT PLASTER TO MATCH EXISTING.

11. PRIME ALL NEW AND PATCHED EXTERIOR WALL SURFACES TO RECEIVE FINISH COATS. FINISH COATS BY OTHERS, UNO.

12. COORDINATE ALL OPENINGS IN CMU WALLS WITH MECHANICAL AND STRUCTURAL.

13. VERIFY STRUCTURAL JOIST DIMENSIONS.

14. INFILL ALL EXISTING SURFACES WITH BRICK TO MATCH EXISTING, SEE SHEET A2.0 FOR LOCATIONS.

15. FOR WINDOW AND DOOR TYPES SEE SHEET A7.0.

16. COORDINATE ALL OPENINGS IN CMU WALLS WITH MECHANICAL AND STRUCTURAL.

17. VERIFY STRUCTURAL JOIST DIMENSIONS.

18. INFILL ALL EXISTING SURFACES WITH BRICK TO MATCH EXISTING, SEE SHEET A2.0 FOR LOCATIONS.

19. TOOLS IN BRAKE TOOLS NT ALLO ALL OPE IED TO BE MODIFIED AND REPLACED.

GENERAL CONSTRUCTION NOTES:
1. **Ex-Canopy @ New Wall**
   - 2’ - 0 1/2”
   - Remove and salvage existing fascia edge clips. Reinstall after installation of stainless steel sign panel.

2. **Canopy Sign at Fascia Detail**
   - 1” = 1’-0”
   - Perform aluminum letters with (aluminum panel. Panel, color: dark gray)
   - New metal cover end wall
   - Precast concrete sill

3. **Section at Aluminum Canopy**
   - 1” = 1’-0”
   - Stainless steel coping
   - Security screen

4. **Office Canopy Section Detail**
   - 1” = 1’-0”
   - See structural drawings for full detail.

5. **Wall Section at Metal Gate**
   - 1” = 1’-0”
   - Steel trim at all exposed edges
   - O.D. vertical support
   - Steel trim at all exposed edges
   - O.D. vertical support
   - Metal panel
   - Fastener and clip
   - New metal cover end wall
   - Precast concrete sill

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**SCALE:** AS NOTED

**PROJECT TEAM:**
- Architect: Johnson, Mirmiran, and Thompson, Inc.
- Structural Engineer: Johnson, Mirmiran, and Thompson, Inc.
- Systems Engineer: Johnson, Mirmiran, and Thompson, Inc.

**DEPARTMENT OF PUBLIC PROPERTY:**
- Philadelphia Parks & Recreation
- 1515 Arch Street, 11th Floor
- Philadelphia, PA 19102
- Contact: Tara Rasheed, 215-683-0252

**PERMIT SET:** 10/23/20

**DRAWING NO.:** A3.0

**NOTES:**
- All dimensions and conditions shall be verified by the contractor at the site before proceeding with the work.
1. OPENING FORCE OF INTERIOR NON-RATED DOORS SHALL BE NO GREATER THAN 5 LBS.
2. OPENING FORCE OF FIRE RATED DOORS SHALL BE NO GREATER THAN 8 LBS.
3. ALL EXTERIOR GLAZING IN NON-RATED WALL AND DOOR ASSEMBLIES SHALL BE MINIMUM 1" INSULATED GLAZING.
4. PAINT ALL EXPOSED STEEL (COLOR AS SELECTED BY ARCHITECT).
5. PROVIDE COMPATIBLE FLASHING MATERIALS BETWEEN DISSIMILAR MATERIALS SUCH AS STEEL TO ALUMINUM.
6. SHIM ASSEMBLIES AS REQUIRED FOR PLUMB AND LEVEL. PROVIDE SEALANT AND BACKER RODS AT ALL JOINTS BETWEEN WINDOW SYSTEMS, DOOR FRAMES AND OTHER SURROUNDING CONSTRUCTION.
7. ALUMINUM WINDOW AND ENTRANCE FRAMES SHALL NOT BE INSTALLED IN DIRECT CONTACT WITH DISSIMILAR MATERIALS.
8. THE MINIMUM LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PULL SIDE SHALL BE 1'-6" MINIMUM.
9. THE MINIMUM LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PUSH SIDE SHALL BE 1'-0" MINIMUM.
10. DO NOT APPLY WALL BASE TO HOLLOW METAL OR ALUMINUM FRAMES, UNLESS OTHERWISE NOTED.
11. THE CONTRACTOR SHALL COORDINATE FOR INSTALLATION OF POWER, CONDUIT AND/OR WIRING, ETC. AT THE SITE.

### Door Schedule

<table>
<thead>
<tr>
<th>Number</th>
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<th>Width</th>
<th>Height</th>
<th>Thickness</th>
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<td>FOYER</td>
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<td>7' - 0&quot;</td>
<td>1 3/4&quot;</td>
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<tr>
<td>2</td>
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<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>1 3/4&quot;</td>
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<td>7' - 0&quot;</td>
<td>1 3/4&quot;</td>
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<td>7' - 0&quot;</td>
<td>1 3/4&quot;</td>
</tr>
<tr>
<td>5</td>
<td>CLOSET</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>1 3/4&quot;</td>
</tr>
<tr>
<td>6</td>
<td>UNISEX TOILET</td>
<td>3' - 0&quot;</td>
<td>7' - 0&quot;</td>
<td>1 3/4&quot;</td>
</tr>
</tbody>
</table>
CONTRACTORS NOTES

CONCRETE MASONRY NOTES


1705.2.2.1 PRIOR TO GROUTING THE INSPECTION PROGRAM SHALL VERIFY:

- MANUFACTURER'S CERTIFIED TEST REPORTS.

1705.3 REINFORCING STEEL.

- ACI 318: 6.1.1 AND ACI 530.1 ART. 2.1, 2.6A

MATERIAL VERIFICATION OF COLD FORMED STEEL DECK:

- INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUE.

- INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUE.

- APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.

- PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN BED MORTAR JOINTS

- LOCATION OF REINFORCEMENT, CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES.

- IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.

- PREPARED MORTAR, GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.

- INSTALLED IN HARDENED CONCRETE.

- CONTINUOUS WELDING ONLY WHEN PERMITTED BY ENGINEER

- BUSINESSES THE WORKER'S ROOMS NOT TO EXCEED THE LIMITS SPECIFIED.

- CONFORM TO THE CONTRACTUAL REQUIREMENTS SPECIFIED.

- STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR ANY REQUIRED SPECIAL INSPECTIONS.

- SPECIAL INSPECTION AND ASSOCIATED TESTING REPORTS WILL BE SUBMITTED BY THE ENGINEER.

- SPECIAL INSPECTION WILL BE IN ACCORDANCE WITH IBC CHAPTER 17 TOGETHER WITH LOCAL AND SPECIFIC INSPECTION TYPES AND REFERENCES.
**Typical Details (Foundation)**

- **Joint Details**
  - See Plan
  - Match Vertical Wall Reinforcing
  - Joint 1
- **Concrete Details**
  - See Plan
  - Match Existing or 4" Min.
  - New Sidewalk, Depth to JT. Mat'l
  - 1/2" Expansion Joint
  - 8" CMU Wall
  - #5 @ 32" O.C.
  - Bottom Continuous, #3 @ 12" O.C.
- **Walls**
  - 3/4" = 1'-0" S5.1
  - 1" = 1'-0" S5.1
- **Slab Details**
  - See Plan
  - 3/4" = 1'-0" S5.1
  - Joint Mat'l
  - 60.0°
- **Bolt Holes**
  - Bolt Hole Dia. equals Dia. + 5/16", Typ.
  - Anchor Bolts are Symmetrical about Column Centerline
- **Bolt Spacing**
  - 12" Typ.
  - 3" Min.
  - #3 Ties
- **Typical Column Detail**
  - See Detail This Sheet for Control Joint @ 10'
  - Joint @ 60'
  - Additional Req.
  - See Detail for 1/4" Wide x 1/3 Depth of W.W.F. May Be Cut at Joint
  - Continuous Keyway Tooled Edges (1/8" Radius)
- **Typical at Existing Turndown**
  - See Plan
  - Match Vertical Wall Reinforcing
  - Joint 1
  - Joint 2
  - Joint 3
  - Joint 4
- **Slab Transition**
  - See Plan
  - Match Vertical Wall Reinforcing
  - Joint 1
  - Joint 2
  - Joint 3
  - Joint 4
- **Slab on Grade Details**
  - See Plan
  - Match Vertical Wall Reinforcing
  - Joint 1
  - Joint 2
  - Joint 3
  - Joint 4
- **Slab Details**
  - See Plan
  - Match Vertical Wall Reinforcing
  - Joint 1
  - Joint 2
  - Joint 3
  - Joint 4
GENERAL NOTES


2. THE SCOPE OF WORK INDICATED IN THESE DOCUMENTS SHALL INCLUDE MECHANICAL AND ELECTRICAL EQUIPMENT INSTALLED, RETURN/EXHAUST/SUPPLY AIR REGISTER, MOTOR OPERATED DAMPER, MOTOR OPERATED VOLUME DAMPER, BACKDRAFT DAMPER, FIRE DAMPER, EXHAUST AIR GRILLE, MANUAL VOLUME DAMPER, ROUND BRANCH TAKE-OFF, DUCT TRANSITION, SUPPLY AIR DEVICE WITH PLENUM AND 2’x2’ LAY-IN PANEL, UNIT HEATER, SUPPLY FAN OR SQUARE FEET, RETURN AIR, RETURN AIR DEVICE WITH PUMPS AND 2’x2’ LAY-IN PANEL, RETURN AIR DEVICE WITH 2’x2’ LAY-IN PANEL, AND SUPPLY/RETURN AIR DOOR.

3. UNLESS OTHERWISE NOTED, MECHANICAL EQUIPMENT SHOWN HEAVY SOLID (             ) SHALL BE UNINSTALL COMPLETE, TESTED AND READY FOR USE. "PROVIDE ITEMS NECESSARY FOR A PROPERLY WORKING SYSTEM IN COMPLIANCE WITH ACCEPTED STANDARDS AND BUREAUCRATICAL SPECIFICATIONS"

4. PRIOR TO BID, THE CONTRACTOR SHALL VISIT THE SITE AND IDENTIFY ITEMS THAT MAY AFFECT THE CONTRACTOR'S BID.

5. PRIOR TO BID, THE CONTRACTOR SHALL VISIT THE SITE AND IDENTIFY ITEMS THAT MAY AFFECT THE CONTRACTOR'S BID.

6. POINTS LISTS SHALL BE DEVELOPED BY THE CONTROLS SUPPLIER, BASED ON THE SCHEMATICS AND DRAWINGS PROVIDED.

7. LOW VOLTAGE AND LINE VOLTAGE POWER FOR CONTROL SYSTEMS AND EQUIPMENT SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. COORDINATE WITH ELECTRICAL CONTRACTOR FOR PROPER WORK OF ANOTHER, THE CONTRACTOR SHALL WORK OUT SPACE CONDITIONS TO MAKE A PROPER INSTALLATION.

8. ADDRESSABLE DEVICES BEING CONNECTED TO THE FIRE ALARM SYSTEM SHALL BE PROVIDED BY THE FIRE ALARM CONTRACTOR. THIS ALARM SYSTEM SHALL BE PORTABLE, CAPABLE OF BEING INSTALLED IN THE PROPER WORKING ORDER, AND SHALL, WITHOUT CHARGE, REPLACE ANY WORK OR DEVICES ETC. INSTALLED BY HIM, AND DO WORK NECESSARY TO ENSURE EFFICIENT AND SATISFACTORY ADJUSTMENT. IF THE CONTRACTOR ALLOWS ONE TRADE TO INSTALL HIS WORK FOR, ANY DAMAGES CAUSED BY OR RESULTING FROM DEFECTS IN HIS WORK.

9. THE CONTRACTOR'S WORK SHALL BE COMPLETED SEPARATELY. THE CONTROL INSTALLATION AND SETUP IS COMPLETE. AS THIS IS A PHASED PROJECT, INDIVIDUAL ITEMS SHOWN IN THIS DRAWING IS TO BE COMPLETE AT A TIME OF INSTALLATION.

10. VARIABLE FREQUENCY DRIVES SHALL BE HARD WIRED FOR START/STOP, SPEED, STATUS AND TEMPERATURE LIMITING RANGES AROUND THE NUMERICAL VALUE OF THE SETPOINT.

11. SETPOINT SHALL BE DEFINED AS A PERFORMANCE STANDARD FOR A COMPONENT OR SYSTEM PARAMETER (I.E. TEMPERATURE, POSITION, ETC.) PERFORMANCE. THE CONTROL SYSTEM PERFORMANCE SHALL BE MEASURED BY THE ENGINEER AND/OR RESPONSE TIME, AND OPERATIONS TO ACHIEVE THE STABLE PERFORMANCE. THE CONTROL SYSTEM INSTALLER AND SYSTEMS WILL BE COMPLETED SEPARATELY.

12. THE SCOPE OF WORK INDICATED IN THESE DOCUMENTS SHALL INCLUDE MECHANICAL AND ELECTRICAL EQUIPMENT INSTALLED, RETURN/EXHAUST/SUPPLY AIR REGISTER, MOTOR OPERATED DAMPER, MOTOR OPERATED VOLUME DAMPER, BACKDRAFT DAMPER, FIRE DAMPER, EXHAUST AIR GRILLE, MANUAL VOLUME DAMPER, ROUND BRANCH TAKE-OFF, DUCT TRANSITION, SUPPLY AIR DEVICE WITH PLENUM AND 2’x2’ LAY-IN PANEL, UNIT HEATER, SUPPLY FAN OR SQUARE FEET, RETURN AIR, RETURN AIR DEVICE WITH PUMPS AND 2’x2’ LAY-IN PANEL, RETURN AIR DEVICE WITH 2’x2’ LAY-IN PANEL, AND SUPPLY/RETURN AIR DOOR.

13. UNLESS OTHERWISE NOTED, MECHANICAL EQUIPMENT SHOWN HEAVY SOLID (             ) SHALL BE UNINSTALL COMPLETE, TESTED AND READY FOR USE. "PROVIDE ITEMS NECESSARY FOR A PROPERLY WORKING SYSTEM IN COMPLIANCE WITH ACCEPTED STANDARDS AND BUREAUCRATICAL SPECIFICATIONS"

14. PRIOR TO BID, THE CONTRACTOR SHALL VISIT THE SITE AND IDENTIFY ITEMS THAT MAY AFFECT THE CONTRACTOR'S BID.

15. SETPOINT SHALL BE DEFINED AS A PERFORMANCE STANDARD FOR A COMPONENT OR SYSTEM PARAMETER (I.E. TEMPERATURE, POSITION, ETC.) PERFORMANCE. THE CONTROL SYSTEM PERFORMANCE SHALL BE MEASURED BY THE ENGINEER AND/OR RESPONSE TIME, AND OPERATIONS TO ACHIEVE THE STABLE PERFORMANCE. THE CONTROL SYSTEM INSTALLER AND SYSTEMS WILL BE COMPLETED SEPARATELY.

16. THE SCOPE OF WORK INDICATED IN THESE DOCUMENTS SHALL INCLUDE MECHANICAL AND ELECTRICAL EQUIPMENT INSTALLED, RETURN/EXHAUST/SUPPLY AIR REGISTER, MOTOR OPERATED DAMPER, MOTOR OPERATED VOLUME DAMPER, BACKDRAFT DAMPER, FIRE DAMPER, EXHAUST AIR GRILLE, MANUAL VOLUME DAMPER, ROUND BRANCH TAKE-OFF, DUCT TRANSITION, SUPPLY AIR DEVICE WITH PLENUM AND 2’x2’ LAY-IN PANEL, UNIT HEATER, SUPPLY FAN OR SQUARE FEET, RETURN AIR, RETURN AIR DEVICE WITH PUMPS AND 2’x2’ LAY-IN PANEL, RETURN AIR DEVICE WITH 2’x2’ LAY-IN PANEL, AND SUPPLY/RETURN AIR DOOR.

17. CONTROL SYSTEM PERFORMANCE SHALL BE MEASURED BY THE ENGINEER AND/OR RESPONSE TIME, AND OPERATIONS TO ACHIEVE THE STABLE PERFORMANCE. THE CONTROL SYSTEM INSTALLER AND SYSTEMS WILL BE COMPLETED SEPARATELY.

18. THE SCOPE OF WORK INDICATED IN THESE DOCUMENTS SHALL INCLUDE MECHANICAL AND ELECTRICAL EQUIPMENT INSTALLED, RETURN/EXHAUST/SUPPLY AIR REGISTER, MOTOR OPERATED DAMPER, MOTOR OPERATED VOLUME DAMPER, BACKDRAFT DAMPER, FIRE DAMPER, EXHAUST AIR GRILLE, MANUAL VOLUME DAMPER, ROUND BRANCH TAKE-OFF, DUCT TRANSITION, SUPPLY AIR DEVICE WITH PLENUM AND 2’x2’ LAY-IN PANEL, UNIT HEATER, SUPPLY FAN OR SQUARE FEET, RETURN AIR, RETURN AIR DEVICE WITH PUMPS AND 2’x2’ LAY-IN PANEL, RETURN AIR DEVICE WITH 2’x2’ LAY-IN PANEL, AND SUPPLY/RETURN AIR DOOR.

19. UNLESS OTHERWISE NOTED, MECHANICAL EQUIPMENT SHOWN HEAVY SOLID (             ) SHALL BE UNINSTALL COMPLETE, TESTED AND READY FOR USE. "PROVIDE ITEMS NECESSARY FOR A PROPERLY WORKING SYSTEM IN COMPLIANCE WITH ACCEPTED STANDARDS AND BUREAUCRATICAL SPECIFICATIONS"

20. PRIOR TO BID, THE CONTRACTOR SHALL VISIT THE SITE AND IDENTIFY ITEMS THAT MAY AFFECT THE CONTRACTOR'S BID.

21. Setpoint shall be defined as a performance standard for a component or system parameter (i.e. temperature, position, etc.) performance. The control system performance shall be measured by the engineer and/or response time, and operations to achieve the stable performance. The control system installer and systems will be completed separately.

22. The control system performance shall be measured by the engineer and/or response time, and operations to achieve the stable performance. The control system installer and systems will be completed separately.
FLOOR PLAN - MECHANICAL DEMOLITION

GENERAL SHEET NOTES:
1. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
2. DEMOLITION SHALL INCLUDE REMOVAL AND OFF-SITE DISPOSAL OF MATERIALS. DO NOT ABANDON IN PLACE ANY MECHANICAL AND RELATED ELECTRICAL COMPONENTS UNLESS OTHERWISE NOTED ON DRAWINGS.
3. UNLESS OTHERWISE NOTED, MECHANICAL/PLUMBING ITEMS SHOWN HEAVY DASHED (              ) SHALL BE REMOVED AND MECHANICAL/PLUMBING ITEMS SHOWN LIGHT SOLID (              ) SHALL REMAIN.
4. ALL EQUIPMENT SHOULD BE ELECTRICALLY ISOLATED AND SAFED OFF PRIOR TO REMOVAL.

SHEET KEYNOTES:
1. REMOVE EXISTING NATURAL GAS FIRED HOT AIR FURNACE AND ALL ASSOCIATED DUCTWORK, CONTROLS AND AIR DEVICES.
2. REMOVE EXISTING EXHAUST FLUE WALL/ROOF SERVING FURNACE. COORDINATE WITH GENERAL CONTRACTOR FOR PATCHING OF EXISTING WALL/ROOF.
3. REMOVE EXISTING 12"x13" OUTSIDE AIR LOUVER AND SCREEN. COORDINATE WITH GENERAL CONTRACTOR FOR PATCHING OF EXISTING WALL.
4. REMOVE EXISTING 12"x12" EXHAUST FAN, DAMPER, CURB, AND ASSOCIATED CONTROLS. COORDINATE WITH GENERAL CONTRACTOR FOR PATCHING OF EXISTING ROOF. COORDINATE WITH ELECTRICAL CONTRACTOR FOR DISCONNECT OF POWER.
5. REMOVE BASEBOARD HEATER AND ASSOCIATED CONTROLS. COORDINATE WITH ELECTRICAL CONTRACTOR FOR DISCONNECT OF POWER.
6. REMOVE EXISTING RETURN AIR GRILLE AND DUCTWORK. COORDINATE WITH GENERAL CONTRACTOR FOR EXISTING WALL PATCHING.
7. REMOVE EXISTING COMBUSTION AIR LOUVER AND DUCT TO FLOOR.
8. REMOVE EXISTING FAN, LOUVER SCREEN, AND EXHAUST GRILLES.  COORDINATE WITH GENERAL CONTRACTOR FOR PATCHING OF WALL.  COORDINATE WITH ELECTRICAL CONTRACTOR FOR DISCONNECTION OF POWER AND CONTROLS (LIGHTING CIRCUIT).
9. REMOVE SURFACE MOUNTED DUCTWORK FROM FURNACE DISCHARGE TO TERMINATION POINTS INCLUDING DIFFUSERS, SUPPORTS, AIR DEVICES.
10. REMOVE EXISTING DIFFUSER AND DUCT. COORDINATE WITH GENERAL CONTRACTOR FOR PATCHING.
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.
**UNOCCUPIED MODE:**

- **UNIT (REMOTE) EXHAUST AIR GENERAL**
  - **EXHAUST FAN INTERLOCK:**

**NOTES:**

- **IP CONNECTION SHALL BE PROVIDED FOR REMOTE WEB ACCESS TO CONTROLLER.**

**EXHAUST FANS. FLOW CONTROLS SYSTEM.**

- **BE ENERGIZED. WHEN NO ASSOCIATED VRF SYSTEM COMPONENTS ARE ENERGIZED THE ASSOCIATED EXHAUST FAN MONITORING AND SETPOINT ADJUSTMENT. DRY CONTACT CONTROLS SHALL BE PROVIDED FOR INTERLOCK OF CONDITION THE SPACE TO ACHIEVE THE OCCUPIED ZONE TEMPERATURE SETPOINT.**

**10/23/2020**

**PERMIT SET - 10/23/2020**

**PROJECT COORDINATOR:** JOHNSON, MIRMIRAN, AND THOMPSON, INC.

**JMT I ARCHITECTURE**

**ARCHITECT:** JOHNSON, MIRMIRAN, AND THOMPSON, INC.

**SYSTEM ENGINEER:** JOHNSON, MIRMIRAN, AND THOMPSON, INC.

**PMS PROJECT:** M7.01

**PMS DESIGN:** SCALE: AS NOTED

**PHILADELPHIA, PENNSYLVANIA**

**PHILADELPHIA, PA 19103**

**PROJECT TITLE:** MECHANICAL AIR FLOW SCHEMATIC

**SYSTEMS ENGINEER:** JOHNSON, MIRMIRAN, AND THOMPSON, INC.

**M7.01**

**PERMIT SET - 10/23/2020**

**CHECKED BY:**

**PROJECT TEAM:**

- **ARCHITECT: JOHNSON, MIRMIRAN, AND THOMPSON, INC.**
- **SYSTEMS ENGINEER:** JOHNSON, MIRMIRAN, AND THOMPSON, INC.
NOTE: ALL PIPING ON THIS PLAN IS EXISTING AND SHOWN FOR REFERENCE ONLY.

PROPOSED REQUIRED FLOOR SLAB CUT, REMOVAL AND REPLACEMENT IN THIS AREA BY THE GENERAL CONTRACTOR.

CUT AND REMOVE EXISTING WATER CLOSET FLANGE. CLEAN EXISTING PIPE AND INSTALL NEW WATER CLOSET FLANGE AT HEIGHT TO MATCH EXISTING FLOOR SLAB (TYPICAL FOR FOUR LOCATIONS)
NEW 4" YCO (SAN) STORMWATER DN. DROP LINE UP TO RD 10/23/2020 18-00355-001 Ri Ci ST.

FITTING FOR CONNECTION BY GENERAL LOCATION WITH GENERAL CONTRACTOR.GRADE AND TERMINATE WITH DOWNSPOUT CONTRACTOR. COORDINATE FINAL SIZE AND 4" STORMWATER LINE, TERMINATE 6" ABOVE.

3/4" CW DN. MECHANICAL CONTRACTOR 1" VRF-1 AND 1" VRF-2 OUTDOOR.

1-1/2" VENT DN. 2" TWO 4" FCO (STORMWATER) EXISTING ROOF DRAIN.

3/4" 2" 3/4" 2" 1-1/2" 1/2" 1/2" 1" 1/2" 3/4" 1" 1/2" 1-1/2" 3/4"

EXISTING WATER SERVICE.

NEW 1" CONDENSATE WASTE PIPING FROM DFC-6 LOCATED AT CEILING HEIGHT. RUN AS HIGH AS POSSIBLE AND DISCHARGE TO EXTERIOR GRADE.

NEW 1" CONDENSATE WASTE PIPING FROM DFC-5 LOCATED AT CEILING HEIGHT. RUN AS HIGH AS POSSIBLE DISCHARGE INTO NEW SAFEWASTE.

NEW 1" CONDENSATE WASTE PIPING FROM DFC-1 LOCATED AT CEILING HEIGHT. RUN AS HIGH AS POSSIBLE AND DISCHARGE INTO NEW SAFEWASTE.

NEW HOT WATER LINE TO BE EXTENDED AND CONNECTED TO EXISTING BUILDING WATER SUPPLY LINE.

NEW COLD WATER LINE TO BE EXTENDED AND CONNECTED TO EXISTING BUILDING WATER SUPPLY LINE.

NEW 1-1/2" SAFEWASTE CONNECTION WITH AIR GAP FITTING AND CONTRACTOR. SEE DETAIL #4 ON DRAWING P0.01.

INSTALL NEW WALL MOUNTED ELECTRIC WATER COOLER UTILIZING THE EXISTING PIPING AT THIS LOCATION. INSTALL NEW WALL MOUNTED LAVATORY UTILIZING THE EXISTING PIPING AT THIS LOCATION. INSTALL NEW WALL MOUNTED URINAL UTILIZING THE EXISTING PIPING AT THIS LOCATION.

INSTALL NEW DROP-IN KITCHEN SINK UTILIZING THE EXISTING PIPING AT THIS LOCATION. CLEAN WASTE CONNECTION AND EXTEND HOT AND COLD WATER LINES TO REQUIRED TO ACCOMMODATE WATER CONNECTION LOCATION.

NEW 1" CONDENSATE WASTE PIPING FROM DFC-2 LOCATED AT CEILING HEIGHT. RUN AS HIGH AS POSSIBLE AND DISCHARGE INTO SAFEWASTE.

NEW 1" CONDENSATE WASTE PIPING FROM DFC-3 LOCATED AT CEILING HEIGHT. RUN AS HIGH AS POSSIBLE DISCHARGE INTO NEW SAFEWASTE.

NEW HOT WATER LINE TO BE EXTENDED AND CONNECTED TO EXISTING BUILDING WATER SUPPLY LINE.

NEW COLD WATER LINE TO BE EXTENDED AND CONNECTED TO EXISTING BUILDING WATER SUPPLY LINE.

NEW 1-1/2" SAFEWASTE CONNECTION WITH AIR GAP FITTING AND CONTRACTOR. SEE DETAIL #4 ON DRAWING P0.01.

NEW HOT WATER LINE TO BE EXTENDED AND CONNECTED TO EXISTING BUILDING WATER SUPPLY LINE.

NEW COLD WATER LINE TO BE EXTENDED AND CONNECTED TO EXISTING BUILDING WATER SUPPLY LINE.

NEW HOT WATER LINE TO BE EXTENDED AND CONNECTED TO EXISTING BUILDING WATER SUPPLY LINE.

NEW COLD WATER LINE TO BE EXTENDED AND CONNECTED TO EXISTING BUILDING WATER SUPPLY LINE.

NEW 1-1/2" SAFEWASTE CONNECTION WITH AIR GAP FITTING AND CONTRACTOR. SEE DETAIL #4 ON DRAWING P0.01.
EXISTING ROOF DRAIN TO REMAIN
RECENTLY REPLACED UNDER
PREVIOUS CONTRACT WORK

NEW ROOF DRAIN
SEE DETAIL THIS DRAWING

NEW 3" PLUMBING VENT
SEE DETAIL THIS DRAWING

EXISTING 4" PLUMBING
VENT TO REMAIN

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

PROJECT TEAM
ARCHITECT:
JMT I ARCHITECTURE
JOHNSON, MIRMIRAN, AND THOMPSON, INC.
1600 MARKET STREET, SUITE 520
PHILADELPHIA, PA  19103
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SCALE:  AS NOTED

ROOF PLAN - PLUMBING NEW

SCALE:  1/4" = 1'-0"

PLAN NORTH

PERMIT SET - 10/23/2020

Philadelphia Parks & Recreation
and Department of Public Property
1515 Arch Street, 11th Floor
Philadelphia, PA 19102
Contact: Charles Mottershead, 215.683-4466

ROOF PLAN - PLUMBING DETAIL
NOT TO SCALE

ROOF DRAIN DETAIL
NOT TO SCALE

VENT THROUGH ROOF DETAIL
NOT TO SCALE
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE TO SCALE. 1/4" = 1'-0".

FLOOR PLAN - ELECTRICAL DEMOLITION

EXISTING CANOPY COLUMN (TYP.)
EXISTING XFINITY COAX CABLE TO REMAIN. PROTECT DURING CONSTRUCTION.

EXISTING BASKETBALL COURT LIGHTS TO BE REMOVED. REFER TO ELECTRICAL DRAWING E2.03 FOR NEW LOCATION. PATCH AND REPAIR AFFECTED SURFACES TO MATCH EXISTING.

EXISTING XFINITY MODEM AND DATA SWITCH (ON ROOF) SCHEDULED TO BE REMOVED. PATCH AND REPAIR AFFECTED SURFACES TO MATCH EXISTING.

EXISTING TELECOMMUNICATION CABLING FROM TELEPHONE NETWORK INTERFACE TO DATA JACK IN OFFICE AND FIRE ALARM CONTROL PANEL. PATCH AND REPAIR AFFECTED SURFACES TO MATCH EXISTING.

EXISTING TIMECLOCKS TO BE REMOVED. PATCH AND REPAIR AFFECTED SURFACES TO MATCH EXISTING.

EXISTING VANDAL LIGHTS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING WATER HEATER POWER, UTILITY METER, AND UTILITY WEATHERHEAD TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING FIRE ALARM ANNUNCIATOR PANELS TO BE REMOVED. PATCH AND REPAIR AFFECTED SURFACES TO MATCH EXISTING.

EXISTING FIRE ALARM STROBES AND HORN/STROBES TO BE REMOVED. STORE FOR FUTURE USE. REMOVE ALL RACEWAY AND CABLING BACK TO SOURCE.

EXISTING HVAC SYSTEMS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING AIR CONDITIONER AND HEAT PUMP TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING SECURITY SYSTEM PANEL TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING ELECTRICAL PANELS AND SUB PANELS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING TELEPHONE DEVICES AND EQUIPMENT TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING WIRELESS ACCESS POINTS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING FASCIA LIGHTS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING SOFFIT LIGHTING TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING CEILING LIGHTS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING FLOOR MOUNTED LIGHTS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING LIGHT FIXTURES TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING OUTDOOR LIGHTING TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING LUMINAIRES TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING OUTDOOR LOW VOLTAGE WASHLIGHTS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING OUTDOOR AMERICAN FLAG TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING EXISTING VANDAL LIGHTS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING VANDAL LIGHTS TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING TELEPHONE DEVICES AND EQUIPMENT TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

EXISTING FIRE ALARM DEVICES AND EQUIPMENT TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.

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EXISTING FIRE ALARM DEVICES AND EQUIPMENT TO BE REMOVED. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ABANDONED RECESSED BACKBOXES.
COORDINATE QUANTITY OF DEVICE PER CONTROLLER.

THE SITE BEFORE PROCEEDING WITH THE

STORAGE 4 & 9

·  

KITCHEN

·  

FOYER

·  

ROOM CONTROLLER SHALL BE MOUNTED AS INDICATED ON

PERMIT SET - 10/23/2020

FILE:

CHECKED BY:

DRAWN BY:

SCALE:  AS NOTED

UNIT

LOAD

C

FU

H A

PIR

STOP START

IN SAME ZONE

FIXTURE

LIGHT FIXTURE

TO OTHER

EXISTING BASKETBALL LIGHTING

TO OTHER LIGHTING

A-32,34

A-36,38

A-36,38

A-39,41

A-39,41

LMSW 100 SERIES

LMPC-100

LMPC-100-5

SWITCH

MOTION SENSOR

MOTION SENSOR

HPL

ARTFULLY REPRODUCED

MANUAL CONTROL:  SWITCH(ES) (3-BUTTON)

MANUAL CONTROL:  ROOM CONTROLLERS

CONTROL:  ROOM CONTROLLERS

CONTROL SEQUENCE:

LIGHTING CONTROL SEQUENCE:

NOTES:

LOCATION OF ROOM CONTROLLERS FOR OFFICE 11, CLOSET 12, COMPUTER LAB 14, AND CORRIDOR 15

LOCATION OF ROOM CONTROLLERS FOR TOILET 15, MECHANICAL 2, STORAGE 4, JANITOR 6, GIRL'S ROOM 5, BOY'S ROOM 3, AND FOYER 1.

LOCATION OF ROOM CONTROLLERS FOR STORAGE 10, KITCHEN 8, MEETING/CONFERENCE 7, AND 3 GROUND IN 3/4" CONDUIT.


PHOTOCELL SHALL FAIL CLOSED.

MC

PANEL A

PANEL B

PANEL C

PANEL D

1. AUTO: PHOTOCELL (         ) PERMISSIVE WITH TIME CLOCK (        ) ON/OFF.

2. AUTO: PHOTOCELL (         ) PERMISSIVE WITH TIME CLOCK (        ) ON/OFF.

3.  

AUTOPHOTOCELL

PIR

TO EXISTING BASKETBALL LIGHTING

1. PHOTOCELL SHALL FAIL CLOSED.

NOT TO SCALE
1. CONTRACTOR SHALL TEST FIRE ALARM SYSTEM IN ITS ENTIRETY.

2. CONTRACTOR SHALL ENGAGE A EST APPROVED INSTALLER TO PERFORM ALL WORK ASSOCIATED WITH THE FIRE ALARM SYSTEM.

3. CONTRACTOR TO PLACE PHOTOCELL ON ROOF. PLACEMENT AS RECOMMENDED BY MANUFACTURER.

DEVICES AND EQUIPMENT MOUNTED ON EXISTING WALLS SHALL BE SURFACE MOUNTED.

CONDUIT SHALL BE ROUTED ABOVE NEW CEILING STRUCTURES AND ON THE SURFACE OF EXISTING CEILING STRUCTURES.

EXISTING FIRE ALARM RISER NOTES:

1. CONTRACTOR SHALL INSTALL PHOTOCELL SUBSYSTEM AS SHOWN ON SHEET.

2. CONTRACTOR TO INTEGRATE EXISTING FIRE ALARM SYSTEMS INTO NEW SYSTEM.

V. CONTRACTOR TO INSTALL CABLING TYPE AND GAUGE AS RECOMMENDED BY MANUFACTURER.

LOCATION OF EXISTING EXISTING FIRE ALARM DEVICES AND EQUIPMENT.

RECOMMENDED FIRE ALARM DEVICES AND EQUIPMENT.

REINSTALL EXISTING FIRE ALARM DEVICES AND INSTALL NEW FIRE ALARM DEVICES. CONTRACTOR SHALL INSTALL CABLING TYPE AND GAUGE AS RECOMMENDED BY MANUFACTURER.

VOICE OUTLET FOR FIRE ALARM CONTROL PANEL. CONTRACTOR TO INSTALL TWO CAT 6E CABLES IN 3/4"C. FROM VOICE OUTLET TO BUILDING PUNCH-DOWN BLOCKS.

LOCATION OF EXISTING INCOMING XFINITY COAX. CONTRACTOR TO INSTALL AND TERMINATE RG6 COAX CABLE IN 3/4"C. FROM TELECOM PUNCH-DOWN BLOCKS TO TELECOM DEMARC. CONTRACTOR TO PROVIDE NEW RACEWAY AND WIRING FROM CAMERA TO EXISTING CCTV RACK. WIRING AS REQUIRED BY CCTV SYSTEM MANUFACTURER.

LOCATION OF TELECOM PUNCH-DOWN BLOCKS AND BUILDING PUNCH-DOWN BLOCKS MOUNTED ON BACKBOARD. LOCATION OF EXISTING INCOMING XFINITY COAX. CONTRACTOR TO INSTALL AND TERM INATE RG6 COAX CABLE IN 3/4"C. FROM TELECOM PUNCH-DOWN BLOCKS TO TELECOM DEMARC. CONTRACTOR TO PROVIDE NEW RACEWAY AND WIRING FROM CAMERA TO EXISTING CCTV RACK. WIRING AS REQUIRED BY CCTV SYSTEM MANUFACTURER.

INSTALL 1" CONDUIT FROM CEILING JUNCTION BOX TO WALL MOUNTED JUNCTION BOX. CEILING MOUNTED DOUBLE GANG JUNCTION BOX FOR FUTURE PROJECT AUDIO/VIDEO CABLING. CONTRACTOR TO PROVIDE NEW RACEWAY AND WIRING FROM CAMERA TO EXISTING CCTV RACK. WIRING AS REQUIRED BY CCTV SYSTEM MANUFACTURER.

RELOCATED XFINITY CCTV MONITOR OUTLET. CONTRACTOR TO INSTALL AND TERMINATE RG6 COAX CABLE IN 3/4"C. FROM TELECOM PUNCH-DOWN BLOCKS TO TELECOM DEMARC. CONTRACTOR TO PROVIDE NEW RACEWAY AND WIRING FROM CAMERA TO EXISTING CCTV RACK. WIRING AS REQUIRED BY CCTV SYSTEM MANUFACTURER.

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**Panel Schedule Notes:**

- Existing lighting circuit to be rerouted to new panelboard.

**Panel A:**

- Panel A1
  - AMP: 0.0 A
  - VOL: 240 V
  - MCB: 120 V
  - Fuse: 40A
  - Circuit Description: Panel Schedule

**Panel D:**

- Panel D
  - AMP: 0.0 A
  - VOL: 240 V
  - MCB: 120 V
  - Fuse: 40A
  - Circuit Description: Panel Schedule

**Panel P:**

- Panel P
  - AMP: 2.0 A
  - VOL: 240 V
  - MCB: 120 V
  - Fuse: 40A
  - Circuit Description: Panel Schedule

**Panel Schedule:**

- Panel A1
  - Panel D
  - Panel P
  - Panel Schedule

- Circuit Description: Panel Schedule

**Panel Schedule Notes:**

- Existing lighting circuit to be rerouted to new panelboard.

**Panel D Notes:**

- Panel D
  - AMP: 0.0 A
  - VOL: 240 V
  - MCB: 120 V
  - Fuse: 40A
  - Circuit Description: Panel Schedule

- Panel Schedule

- Existing lighting circuit to be rerouted to new panelboard.

**Panel P Notes:**

- Panel P
  - AMP: 2.0 A
  - VOL: 240 V
  - MCB: 120 V
  - Fuse: 40A
  - Circuit Description: Panel Schedule

- Panel Schedule

- Existing lighting circuit to be rerouted to new panelboard.