GENERAL DEMO NOTES:
1. CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE EXISTING BUILDING DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING BUILDING, SITE AND EQUIPMENT DURING CONSTRUCTION, INCLUDING DAMAGE FROM THE ELEMENTS.
2. CONTRACTOR SHALL REPAIR ANY DAMAGE IMMEDIATELY AND TO THE SATISFACTION OF THE OWNER.
3. PROMPTLY RESTORE, REPLACE, OR REINSTALL ANY ITEMS DEMOLISHED WHERE NOT SCHEDULED TO BE DEMOLISHED, OR DAMAGED BY ANY DEMOLITION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
4. SEALS, FLASHINGS, AND PIPING MUST BE REMOVED AND REPLACED WHERE NECESSARY.
5. PIPE FLASHINGS, AND OTHER ROOF RELATED ITEMS DOWN TO ROOF DECK. REUSE EXG FLASHING, COUNTERFLASHING, AND REGLETS WHERE POSSIBLE.
6. REMOVE ALL EXG SBS ROOFING MATERIALS, PIPE FLASHINGS, AND OTHER ROOF RELATED ITEMS DOWN TO PERLITE. REUSE EXG FLASHING, COUNTERFLASHING, AND REGLETS WHERE POSSIBLE.
7. REMOVE AND SALVAGE VANDAL SCREEN FOR REINSTALLATION IF NECESSARY FOR ROOF REPLACEMENT.
8. REMOVE AND SALVAGE SSTL GUTTERS FOR REINSTALLATION.
9. REMOVE MASONRY WALL DOWN TO MIN 18" ABOVE ROOF SURFACE.
10. REMOVE EXISTING SSTL GUTTER AND DOWNSPOUTS.
11. REMOVE EXISTING ROOF HATCH.
12. REMOVE EXISTING ROOF DECK TO EXTENTS SHOWN. COORDINATE SIZE AND LOCATION WITH EXISTING CONDITIONS, DETAIL 3/A7.0, AND LADDER AND HATCH MANUFACTURER.

KEYED EXISTING NOTES:
EX-1 EXG SSTL COPING TO REMAIN
EX-2 EXG VANDAL SCREEN TO REMAIN
EX-3 EXG FENCING AT GRADE TO REMAIN
EX-4 EXG MASONRY WALL AT GRADE TO REMAIN
EX-5 EXG MASONRY WALL TO REMAIN
EX-6 EXG THROUGH ROOF LEVEL SCUPPER
EX-7 EXG EQUIPMENT CAGE TO REMAIN
EX-8 EXG SKYLIGHT TO REMAIN
EX-9 EXG WD PERGOLA TO REMAIN

KEYED DEMO NOTES:
DN-1 REMOVE EXG FENCING, SUPPORTS, AND STL
DN-2 REMOVE EXG MASONRY CHIMNEY AND SPACE FOR CONSULTANT RECOGNITION
DN-3 REMOVE AND SALVAGE EXG SCREEN SEGMENTS FOR REINSTALLATION
DN-4 REMOVE AND SALVAGE SSTL GUTTERS FOR REINSTALLATION
DN-5 REMOVE AND SALVAGE VANDAL SCREEN FOR REINSTALLATION
DN-6 REMOVE ALL EXG SBS ROOFING MATERIALS, PIPE FLASHINGS, AND OTHER ROOF RELATED ITEMS DOWN TO PERLITE. REUSE EXG FLASHING, COUNTERFLASHING, AND REGLETS WHERE POSSIBLE
DN-7 REMOVE ALL EXG SBS ROOFING MATERIALS, PIPE FLASHINGS, AND OTHER ROOF RELATED ITEMS DOWN TO ROOF DECK. REUSE EXG FLASHING, COUNTERFLASHING, AND REGLETS WHERE POSSIBLE
DN-8 REMOVE AND SALVAGE WINDOW GUARDS FOR REINSTALLATION
DN-9 REMOVE MASONRY WALL DOWN TO MIN 18" ABOVE ROOF SURFACE
DN-10 REMOVE EXISTING SSTL GUTTER AND DOWNSPOUTS

NOTE: ALL ROOF DECKS AND PERIMETERS CONSTRUCTION DOCUMENTS MAY REQUIRE AN ADDITIONAL DRUM.

CONTACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK

CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
11TH FLOOR, ONE PENNPLAZA BUILDING
1515 ARCH STREET
PHILADELPHIA PENNSYLVANIA
19103
215 685 4410

CONSTRUCTION DOCUMENTS

SIMONS RECREATION CENTER
ROOF REPLACEMENT

GYM & LOBBY DEMO ROOF PLAN

FILE: 16-18-4960-01
DRAWN BY:
CHECKED BY:
DRAWN: 11/13/2020
SCALE: 1/8" = 1'-0"
GENERAL DEMO NOTES:

1. All temporary HVAC equipment, supports, skylights and skylight frames shall be removed and salvaged for reinstallation. Coordinate size and location with existing conditions, detail 3/A7.0, and ladder and hatch manufacturer.

2. Disregard HVAC equipment on curbs shown. Coordinate size and location with existing conditions.

3. Disconnect and reconnect HVAC equipment as necessary to facilitate roof replacement work.

4. All EXG roof drains are to remain. Contractor to remove debris & flush lines. Notify owner/arch of any drainage issues.

5. Complete removal of roof assembly and associated flue pipe flashings, and other roof related items down to perlite. Reuse EXG flashing, counterflashings, and reglets where possible.

6. All EXG roof decking is to remain. Contractor to protect EXG roof and maintain watertight conditions throughout demolition and construction.

7. EXG equipment curbs to remain. Provide new extender blocking as required.

8. EXG roof hatch shall remain and be protected.

9. EXG equipment curbs to remain. Provide new extender blocking as required.

KEYED DEMO NOTES:

- EXG Vandal Screen to remain
- EXG Masonry Wall at grade to remain
- EXG Masonry Wall to remain
- EXG Through roof level scupper
- EXG Equipment Cage to remain
- EXG Skylight to remain
- EXG WD pergola to remain
- EXG Rooftop Equipment
- EXG Rooftop Hatch
- EXG Rooftop Equipment on curb
- EXG Rooftop Hatch
- EXG Rooftop Equipment on curbs
- EXG Rooftop Hatch
- EXG Rooftop Equipment on curbs
- EXG Rooftop Hatch

KEYED EXISTING NOTES:

- EXG Mover Support, support, skylights and skylight frames shall be removed and salvaged for reinstallation.

- EXG Masonry Wall at grade to remain
- EXG Masonry Wall to remain
- EXG Through roof level scupper
- EXG Equipment Cage to remain
- EXG Skylight to remain
- EXG WD pergola to remain
- EXG Rooftop Equipment
- EXG Rooftop Hatch
- EXG Rooftop Equipment on curb
- EXG Rooftop Hatch
- EXG Rooftop Equipment on curbs
- EXG Rooftop Hatch
- EXG Rooftop Equipment on curbs

NOTE: All EXG equipment are connected to a continuous roof drain system, and flashing is to be placed along common interfaces and existing areas.
GENERAL INTERIOR CONSTRUCTION NOTES:

1. DETAIL PLANS FOR EXISTING WALLS AND FLOORING TO MATCH EXISTING CONDITION.
   - WALLS: U.N.O., PREP AND REPAINT IN GYMNASIUM PREP & REPAINT WALLS IN NE CORNER ONLY
   - GWB CEILINGS: PATCH DAMAGED AREAS, PREP & REPAINT ENTIRE CEILING
   - ACOUSTIC CEILING TILE/GRID: REPLACE DAMAGED CEILING TILES TO MATCH EXISTING GRAPHICS TO REMAIN, COORD AREAS OF REPAINTING WITH OWNER/ARCHITECT.

2. WHERE WALLS ARE DEMOLISHED, REPLACE WITH METAL STRUCTURE AND MANUFACTURE.

3. WHERE EXISTING WALLS ARE DETERIORATING, REPLACE WITH METAL STRUCTURE AND MANUFACTURE.

KEYED CONSTRUCTION NOTES:

- CW: FOUNDATION ALUMINUM SHEET METAL DECK AND METAL DECK SHOULDER AND METAL DECK
- ES: FOUNDATION ALUMINUM SHEET METAL DECK
- CW: FOUNDATION STAINLESS STEEL DECK AND METAL DECK SHOULDER AND METAL DECK

AS NOTED

PHILADELPHIA PARKS & RECREATION
CITY OF PHILADELPHIA

CONSULTANT RECOGNITION

CONSTRUCTION DOCUMENTS

FILE:

SEALS

PROJECT COORDINATOR

PROJECT TITLE

DRAWING TITLE

PROJECT NO. DRAWING NO.

DRAWN BY

CHECKED BY

DATE

SCALE

NOTE:

R E V I S I O N S

ISSUE

DATE

REVISIONS

PHILADELPHIA PENNSYLVANIA

1515 ARCH STREET

11TH FLOOR, ONE PARKWAY BUILDING

PHILADELPHIA PARKS & RECREATION
CITY OF PHILADELPHIA

COST CONSULTANT

VJ ASSOCIATES

1090 KING GEORGES POST ROAD, SUITE 306
EDISON, NEW JERSEY 08837
732 661 9600

SIMONS RECREATION CENTER
ROOF REPLACEMENT

GYM & LOBBY FLOOR PLAN

A2.0

1/8" = 1'-0"
GENERAL ROOF NOTES

1. PROVIDE P.T. WOOD BLOCKING AND ANCHORING TO
2. DETAILS SHOWN ARE INTENDED FOR SPECIFIC LOCATIONS AND CONDITIONS. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT SIMILAR CONDITIONS AND SHALL BE CONSIDERED PART OF THE WORK.

3. REPRESENTATIVE DETAILS, PROFILES, AND DIMENSIONS NOTED ARE APPROXIMATE. FIELD VERIFY CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO PREPARING SHOP DRAWINGS.

4. ALL EXG ROOF DRAINS TO REMAIN. TIE INTO NEW ROOFING, PROVIDE EXTENDER COLLAR IF NECESSARY, AND PROVIDE NEW CAST IRON STRAINER, TYP.

5. SEE DRAWING 7/A8.0 FOR ROOF TYPES.

6. ALL EXG MASONRY ABOVE THE ROOF SHOULD BE
7. WHERE POSSIBLE REUSE EXISTING FLASHING, TYP

8. WHERE EXG ROOF EDGE MTL / COUNTERFLASHING IS
9. PLYWOOD FASCIAS ARE TO REMAIN. REPLACE DAMAGED SECTIONS. PREP AND PRIME EXG AND NEW.

10. EXG EQUIPMENT CURBS TO REMAIN. PROVIDE NEW EXTENDER BLOCKING AS REQUIRED

KEYED EXISTING NOTES

1. EXG ROOF EQUIPMENT

EXG ROOF EQUIPMENT

EXG ROOF EQUIPMENT

DESIGN CRITERIA

CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA 19103

EDWARD SCHMITZ
PROJECT CONSULTANT

CONSTRUCTION DOCUMENTS

CONTRACTOR TO REMOVE DEBRIS & FLUSH LINES. NOTIFY OWNER/ARCH OF ANY DRAINAGE ISSUES.

5. SEE DRAWING 7/A8.0 FOR ROOF TYPES.

6. ALL EXG MASONRY ABOVE THE ROOF SHOULD BE
7. WHERE POSSIBLE REUSE EXISTING FLASHING, TYP

8. WHERE EXG ROOF EDGE MTL / COUNTERFLASHING IS
9. PLYWOOD FASCIAS ARE TO REMAIN. REPLACE DAMAGED SECTIONS. PREP AND PRIME EXG AND NEW.

10. EXG EQUIPMENT CURBS TO REMAIN. PROVIDE NEW EXTENDER BLOCKING AS REQUIRED

KEYED EXISTING NOTES

1. EXG ROOF EQUIPMENT

EXG ROOF EQUIPMENT

DESIGN CRITERIA

CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA 19103

EDWARD SCHMITZ
PROJECT CONSULTANT

CONSTRUCTION DOCUMENTS

CONTRACTOR TO REMOVE DEBRIS & FLUSH LINES. NOTIFY OWNER/ARCH OF ANY DRAINAGE ISSUES.

5. SEE DRAWING 7/A8.0 FOR ROOF TYPES.

6. ALL EXG MASONRY ABOVE THE ROOF SHOULD BE
7. WHERE POSSIBLE REUSE EXISTING FLASHING, TYP

8. WHERE EXG ROOF EDGE MTL / COUNTERFLASHING IS
9. PLYWOOD FASCIAS ARE TO REMAIN. REPLACE DAMAGED SECTIONS. PREP AND PRIME EXG AND NEW.

10. EXG EQUIPMENT CURBS TO REMAIN. PROVIDE NEW EXTENDER BLOCKING AS REQUIRED

KEYED EXISTING NOTES

1. EXG ROOF EQUIPMENT

EXG ROOF EQUIPMENT

DESIGN CRITERIA

CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA 19103

EDWARD SCHMITZ
PROJECT CONSULTANT

CONSTRUCTION DOCUMENTS

CONTRACTOR TO REMOVE DEBRIS & FLUSH LINES. NOTIFY OWNER/ARCH OF ANY DRAINAGE ISSUES.
1. DETAILS SHOWN ARE INTENDED FOR SPECIFIC LOCATIONS AND CONDITIONS. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT SIMILAR CONDITIONS AND SHALL BE CONSIDERED PART OF THE WORK.

2. REPRESENTATIVE DETAILS, PROFILES, AND DIMENSIONS NOTED ARE APPROXIMATE. FIELD VERIFY CONDITIONS, DIMENSIONS, AND ASSEMBLIES PRIOR TO PREPARING SHOP DRAWINGS.

3. ALL EXG ROOF DRAINS TO REMAIN. TIE INTO NEW ROOFING, PROVIDE EXTENDER COLLAR IF NECESSARY, CONTRACTOR TO REMOVE DEBRIS & FLUSH LINES. NOTIFY OWNER/ARCH OF ANY DRAINAGE ISSUES.

4. ALL EXG EQUIPMENT CURBS TO REMAIN. PROVIDE NEW GUTTER SCREENS;

5. SEE DRAWING 7/A8.0 FOR ROOF TYPES.

6. MATCHLINE

7. CITY OF PHILADELPHIA

8. PHILADELPHIA PARKS & RECREATION

9. SIMONS RECREATION CENTER

10. ROOF REPLACEMENT

11. DESIGN CRITERIA

12. CODE: INTERNATIONAL EXISTING BUILDING CODE

13. CODE: COMMISSIONERS CODE

14. SECTION 701 - EXISTING ROOF, SIMONS RECREATION CENTER

15. ROOF LOADS: DEAD LOAD: 20 PSF

16. WIND LOAD: BASIC WIND SPEED: 125 MPH (WIND IMPORTANCE FACTOR): 1.15

17. WIND EXPOSURE: B

18. NOTE:

19. CONTACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK
1. This project has been designed using the 2018 International Building Code (IBC), and subcontractors are responsible for adhering to these requirements.

2. These drawings represent the completed project which has been designed for the weights of new loads being added to existing structure. Where new loads are being added to existing structure, the integrity of the existing structure and foundations shall be verified by the contractor. Report any cracking, settlement, deterioration, and substandard quality of existing construction or materials shall be reported to the owner before proceeding with construction.

3. Notify engineer immediately if any existing conditions conflict with structural elements which do not align with new wall mounted exterior ladder from 100 East Lancaster Avenue, Suite 203.

4. All structural steel work shall conform to the following governing standards:
   A. Plates and angles: ASTM A36, FY=36 KSI.
   B. W, WT & C shapes: ASTM A992, FY=50 KSI.
   C. HSS structural tubing: ASTM A500 Grade B, FY=46 KSI.
   D. Bolted connections (steel to steel): ASTM A325-N, (3/4" diameter), U.N.O.

5. Provide painted frame at opening where any dimension is 1'-0" or greater.

6. Place deck panels on supporting framing and adjust to final position with ends and sides aligned with existing framing. Coordinate with stair mfr.

7. Fasten side laps @ 12" oc.

8. Paint according to ASTM A 780 and the manufacturer's instructions.

9. Fasten Mechanic's fastener @ 12" oc, and at bearing ends, and at every other transverse flute.

10. Fasten side laps @ 12" oc.

11. All shop and field welds shall be 1/4" fillet welds minimum, U.N.O.

12. The structural engineer is not responsible for work that she does not review and/or 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.

13. Shop prime all steel.

14. Touch up field welds and any damaged areas of paint with a zinc rich paint, in field after shop drawing review.

15. Prior to field welding, galvanized members shall have zinc coating grounded smooth in weld areas, (zinc coating is not to contaminate weld fusion metal). After welding, coat affected surface with zinc rich coating.

16. Touch up field welds and any damaged areas of paint with a zinc rich paint, in field after shop drawing review.

17. Engage independent testing service to inspect all field connections. All field welds shall be inspected by an agency qualified by the A.W.S. Submit test reports to engineer for approval.

18. Paint according to ASTM A 780 and the manufacturer's instructions.

19. Touch up field welds and any damaged areas of paint with a zinc rich paint, in field after shop drawing review.

20. All structural steel work shall conform to the following governing standards:
   A. Plates and angles: ASTM A36, FY=36 KSI.
   B. W, WT & C shapes: ASTM A992, FY=50 KSI.
   C. HSS structural tubing: ASTM A500 Grade B, FY=46 KSI.
   D. Bolted connections (steel to steel): ASTM A325-N, (3/4" diameter), U.N.O.

21. Fasten sides laps @ 12" oc.

22. Paint according to ASTM A 780 and the manufacturer's instructions.

23. Fasten sides laps @ 12" oc.
A8.1

SIM

REMOVE EXISTING WINDOW GUARDS.
SEAL ALL HOLES AND RECAULK ALL JOINTS.

RESEAL GAPS AND SEAMS IN EXISTING METAL CAPPING
EXISTING METAL SILL TO REMAIN
PROVIDE NEW COUNTERFLASHING. SLIP UNDER EXISTING METAL SILL.

ROOF TYPE 1C
ROOF TYPE 1B

NEW SLOPED ALUMINUM COPING
NEW SBS BASE FLASHING (SMOOTH)
NEW SBS BASE FLASHING (GRANULAR)
NEW SBS BASE PLY (SMOOTH)
NEW SBS CAP SHEET (GRANULAR)

TYP
ROOF TYPE 1A

NEW PT WOOD BLOCKING
NEW SBS BASE FLASHING

EXG MASONRY WALL
RAKE OUT EXISTING SEALANT
JOINT AND SEAL WITH NEW BACKER ROD AND SEALANT.

EXISTING VANDAL SCREEEN BEYOND ROOF EDGE
BEYOND GUTTER BEYOND

ROOF TYPE 1B

NOTE:
R E V I S I O N S
ISSUE
DATE
1 1/2" = 1'-0"
HVAC GENERAL NOTES:

1. EXAMINE SITE AND VERIFY ALL SITE CONDITIONS PRIOR TO SIGNING CONTRACT.  OBTAIN NECESSARY PERMITS AND INSPECTIONS PRIOR TO WORK BEGUN.
2. THE DRAWINGS ARE DIAGRAMMATIC.  COORDINATE IN THE FIELD WITH THE ARCHITECT AND WITH ALL TRADES.  THE EXACT LOCATION OF EQUIPMENT, DUCTWORK, AND PIPING
   PERFORM WORK IN ACCORDANCE WITH RULES, REGULATIONS, STANDARDS, CODES, DRAWINGS, AND SPECIFICATIONS OF LOCAL, STATE AND FEDERAL GOVERNMENTS, AND OTHER AUTHORITIES HAVING JURISDICTION.
3. CONTRACTOR'S SHALL MAINTAIN A NOTATED SET OF "AS-BUILT" DRAWINGS ON SITE SHOWING ALL DEVIATIONS FROM THE CONTRACT DRAWINGS AND SHALL TURN THEM OVER TO THE ARCHITECT/ENGINEER UPON SUBSTANTIAL COMPLETION.
4. ALL MATERIALS SHALL BE NEW AND OF COMMERCIAL GRADE AND BEAR THE UNDERWRITER'S LABEL WHERE APPLICABLE.
5. CONTRACTOR'S SHALL MAINTAIN A NOTIFIED SET OF "AS-BUILT" DRAWINGS ON SITE SHOWING ALL DEVIATIONS FROM THE CONTRACT DRAWINGS AND SHALL TURN THEM OVER TO THE ARCHITECT/ENGINEER UPON SUBSTANTIAL COMPLETION.

VENTING:

A. VENT SYSTEMS FOR GAS/OIL FIRED EQUIPMENT SHALL BE TYPE "B", DOUBLE WALLED, STAINLESS STEEL OR ALUMINUM INNER WALL. PROVIDE ALL PIPE FITTINGS, STACK CAP, VENTILATED ROOF THIMBLE, DRAIN SECTION, FLASHING COLLARS, AND STACK SUPPORTS REQUIRED FOR COMPLETE INSTALLATION.

B. PROVIDE GUY WIRES FOR STABILITY ANCHORED TO BUILDING STRUCTURE WITH METHODS APPROVED BY THE ARCHITECT/ENGINEER.

C. SUBMIT SPECIFIC PRODUCTS AND SHOP DRAWINGS FROM THE MANUFACTURER FOR REVIEW AND APPROVAL. PROVIDE PRODUCTS FROM VAN FASER, SELKIRK, OR METALFAB.
NEW B-VENT CHIMNEY WITH THIMBLE AT ROOF. LOCATE APPROXIMATELY WHERE EXISTING CHIMNEY WAS REMOVED. PROVIDE (3) GUY WIRES AS PER MANUFACTURER'S RECOMMENDATIONS. ANCHOR GUY WIRES TO STRUCTURE IN AN APPROVED MANNER AND IN ACCORDANCE WITH REQUIREMENTS NOTED IN THIS SET OF DOCUMENTS.

APPLY MASTIC STORM COLLAR FLASHING MAINTAIN AT LEAST 1" MIN CLEARANCE TO COMBUSTIBLES AND THROUGH ROOF LESS THAN 10'-0" MIN. 24" TALLER THAN PEAKED ROOF WITHIN 10'-0" MIN.

NEW 8" DIA. TYPE 'B' VENT CHIMNEY APPROX. 25' TALL ANCHOR POINT (APPROVED BY ARCH/STRUCT. ENGINEER)

APPROVED THIMBLE AND ROOF SUPPORT GUY WIRES (TYP OF 3) TO WATER HEATER TO BOILER

1600 Walnut Street, 2nd Floor
Philadelphia, Pennsylvania 19103
215 985 4410

SIMONS RECREATION CENTER
ROOF REPLACEMENT

ROOF CONSULTANT
Stephen McLaughlin Roofing
210 Garden Avenue
Somerdale, New Jersey 08083
856 287 2424
steve@stevemclaughlin.biz

STRUCTURAL ENGINEER
Ann Rothmann Structural Engineering
100 East Lancaster Avenue, Suite 203
Wayne, Pennsylvania 19087
610 688 2566

COST CONSULTANT
VJ Associates
1090 King Georges Post Road, Suite 306
Edison, New Jersey 08837
732 661 9600

CONNECT EXISTING BOILER AND WATER HEATER TO THE NEW CHIMNEY - PROVIDE ALL REQUIRED EXTENSIONS AND FITTINGS.