0' 4' 8' N

DEMOLITION LEGEND

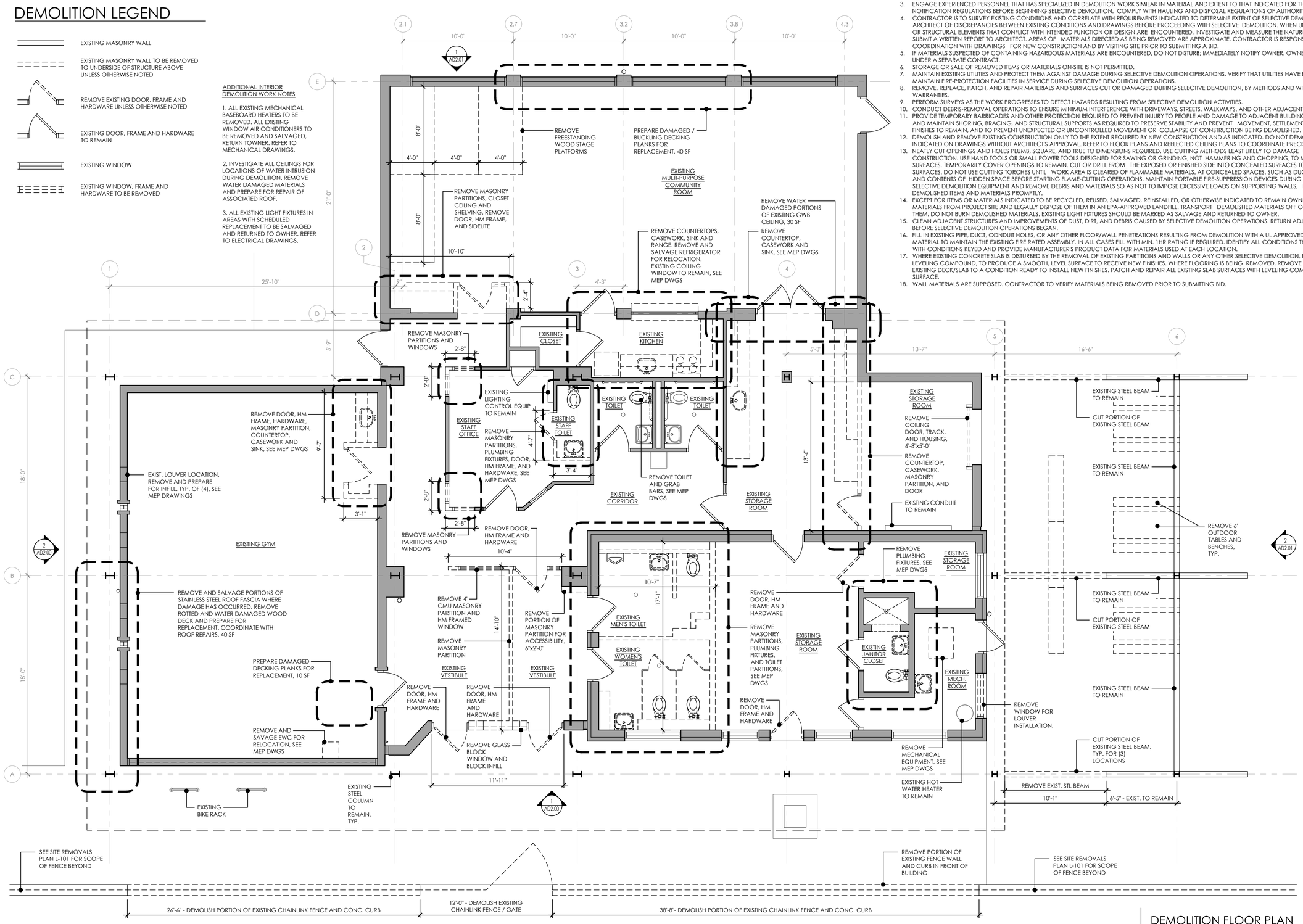
- EXISTING MASONRY WALL
- EXISTING MASONRY WALL TO BE REMOVED TO UNDERSIDE OF STRUCTURE ABOVE UNLESS OTHERWISE NOTED
- REMOVE EXISTING DOOR, FRAME AND HARDWARE UNLESS OTHERWISE NOTED
- EXISTING DOOR, FRAME AND HARDWARE TO REMAIN
- EXISTING WINDOW
- EXISTING WINDOW, FRAME AND HARDWARE TO BE REMOVED

ADDITIONAL INTERIOR DEMOLITION WORK NOTES

1. ALL EXISTING MECHANICAL BASEBOARD HEATERS TO BE REMOVED. ALL EXISTING WINDOW AIR CONDITIONERS TO BE REMOVED AND SALVAGED, RETURN TO OWNER. REFER TO MECHANICAL DRAWINGS.

2. INVESTIGATE ALL CEILINGS FOR LOCATIONS OF WATER INTRUSION DURING DEMOLITION. REMOVE WATER DAMAGED MATERIALS AND PREPARE FOR REPAIR OF ASSOCIATED ROOF.

3. ALL EXISTING LIGHT FIXTURES IN AREAS WITH SCHEDULED REPLACEMENT TO BE SALVAGED AND RETURNED TO OWNER. REFER TO ELECTRICAL DRAWINGS.



DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1. SUBCONTRACTORS MUST REVIEW ALL DRAWINGS OF NEW & EXISTING WORK COORDINATE DEMOLITION SCOPE PRIOR TO SUBMITTING BIDS. SEE DRAWINGS FOR MORE INFORMATION.
2. THIS IS A SELECTIVE RENOVATION. ALL FINISHES, FLOORING, CEILINGS, LIGHTS, INTERIOR PARTITIONS, ELECTRICAL DEVICES, PLUMBING FIXTURES, ETC. ARE TO BE REMOVED TO STRUCTURE AS INDICATED ON PLANS UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS. COORDINATE ALL DEMOLITION WITH DRAWINGS OF NEW CONSTRUCTION TO IDENTIFY SCOPE OF REMOVAL. REMOVE ALL FLOORING ADHESIVES AND CLEAN SLAB AS REQUIRED TO INSTALL NEW FINISH FLOOR.
3. ENGAGE EXPERIENCED PERSONNEL THAT HAS SPECIALIZED IN DEMOLITION WORK SIMILAR IN MATERIAL AND EXTENT TO THAT INDICATED FOR THIS PROJECT. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
4. CONTRACTOR IS TO SURVEY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED TO DETERMINE EXTENT OF SELECTIVE DEMOLITION PRIOR TO SUBMITTING BIDS. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, INVESTIGATE AND MEASURE THE NATURE AND EXTENT OF CONFLICT. PROMPTLY SUBMIT A WRITTEN REPORT TO ARCHITECT. AREAS OF MATERIALS DIRECTED AS BEING REMOVED ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE TO CONFIRM EXTENT BY COORDINATION WITH DRAWINGS FOR NEW CONSTRUCTION AND BY VISITING SITE PRIOR TO SUBMITTING A BID.
5. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY OWNER. OWNER WILL REMOVE HAZARDOUS MATERIALS UNDER A SEPARATE CONTRACT.
6. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE IS NOT PERMITTED.
7. MAINTAIN EXISTING UTILITIES AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED. MAINTAIN FIRE-PROTECTION FACILITIES IN SERVICE DURING SELECTIVE DEMOLITION OPERATIONS.
8. REMOVE, REPLACE, PATCH, AND REPAIR MATERIALS AND SURFACES CUT OR DAMAGED DURING SELECTIVE DEMOLITION, BY METHODS AND WITH MATERIALS SO AS NOT TO VOID EXISTING WARRANTIES.
9. PERFORM SURVEYS AS THE WORK PROGRESSES TO DETECT HAZARDS RESULTING FROM SELECTIVE DEMOLITION ACTIVITIES.
10. CONDUCT DEBRIS-REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH DRIVEWAYS, STREETS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
11. PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.
12. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. DO NOT DEMOLISH BUILDING ELEMENTS BEYOND WHAT IS INDICATED ON DRAWINGS WITHOUT ARCHITECT'S APPROVAL. REFER TO FLOOR PLANS AND REFLECTED CEILING PLANS TO COORDINATE PRECISE LIMITS OF DEMOLITION WORK.
13. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING, TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES. TEMPORARILY COVER OPENINGS TO REMAIN. CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES TO AVOID MARRING EXISTING FINISHED SURFACES. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS, VERIFY CONDITION AND CONTENTS OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS. LOCATE SELECTIVE DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
14. EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE RECYCLED, REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL. TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS. EXISTING LIGHT FIXTURES SHOULD BE MARKED AS SALVAGE AND RETURNED TO OWNER.
15. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE SELECTIVE DEMOLITION OPERATIONS BEGAN.
16. FILL IN EXISTING PIPE, DUCT, CONDUIT HOLES, OR ANY OTHER FLOOR/WALL PENETRATIONS RESULTING FROM DEMOLITION WITH A UL APPROVED FIRE AND SMOKE RATED INTUMESCENT MATERIAL TO MAINTAIN THE EXISTING FIRE RATED ASSEMBLY. IN ALL CASES FILL WITH MIN. 1HR RATING IF REQUIRED. IDENTIFY ALL CONDITIONS THAT REQUIRE FIRE STOPPING. FURNISH A PLAN WITH CONDITIONS KEYED AND PROVIDE MANUFACTURER'S PRODUCT DATA FOR MATERIALS USED AT EACH LOCATION.
17. WHERE EXISTING CONCRETE SLAB IS DISTURBED BY THE REMOVAL OF EXISTING PARTITIONS AND WALLS OR ANY OTHER SELECTIVE DEMOLITION, PATCH AND REPAIR EXISTING SURFACES WITH LEVELING COMPOUND. TO PRODUCE A SMOOTH, LEVEL SURFACE TO RECEIVE NEW FINISHES. WHERE FLOORING IS BEING REMOVED, REMOVE EXISTING FLOORING MATERIALS DOWN TO EXISTING DECK/SLAB TO A CONDITION READY TO INSTALL NEW FINISHES. PATCH AND REPAIR ALL EXISTING SLAB SURFACES WITH LEVELING COMPOUND TO PRODUCE A SMOOTH, LEVEL SURFACE.
18. WALL MATERIALS ARE SUPPOSED. CONTRACTOR TO VERIFY MATERIALS BEING REMOVED PRIOR TO SUBMITTING BID.

DEFINITIONS

REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.

REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DELIVER THEM TO OWNER, READY FOR REUSE. PACK OR CRATE ITEMS AFTER CLEANING. IDENTIFY CONTENTS OF CONTAINERS. STORE ITEMS IN A SECURE AREA UNTIL DELIVERY TO OWNER. TRANSPORT ITEMS TO OWNER'S STORAGE AREA DESIGNATED BY OWNER. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE. INVENTORY AND RECORD THE CONDITION OF ITEMS TO BE REMOVED AND SALVAGED.

REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE THEM FOR REUSE, AND REINSTALL THEM WHERE INDICATED. CLEAN AND REPAIR ITEMS TO FUNCTIONAL CONDITION ADEQUATE FOR INTENDED REUSE. REINSTALL ITEMS IN LOCATIONS INDICATED. COMPLY WITH INSTALLATION REQUIREMENTS FOR NEW MATERIALS AND EQUIPMENT. PROVIDE CONNECTIONS, SUPPORTS, AND MISCELLANEOUS MATERIALS NECESSARY TO MAKE ITEM FUNCTIONAL FOR USE INDICATED. INVENTORY AND RECORD THE CONDITION OF ITEMS TO BE REMOVED AND REINSTALLED.

EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED. PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY ARCHITECT, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION. CLEANED, AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.

CONSTRUCTION DOCUMENTS

CLIENT:
PHILADELPHIA PARKS & RECREATION
FIND YOUR PATH
Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
ZIEHLER PLAYGROUND & RECREATION CENTER
200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:
16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:
SALT DESIGN STUDIO
LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN
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PHILADELPHIA, PA 19127
www.saltdesignstudio.com

CIVIL ENGINEERING:
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ARCHITECTURE:
IAN SMITH DESIGN GROUP
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LIGHTING DESIGN:
MILLER DESIGN GROUP
www.millerdesigngrouplighting.com

MEP DESIGN:
MARK ULRICK ENGINEERS, INC.
622 COOPER STREET, #200
CAMDEN, NJ 08102
www.markulrick.com

STRUCTURAL ENGINEERING:
D'HUY ENGINEERING, INC.
1 EAST BROAD STREET, SUITE 310
BETHLEHEM, PA 18018
www.dhuy.com

DRAWING PHASE:
ISSUE FOR BIDDING

SEAL:
REGISTERED ARCHITECT PENNSYLVANIA IAN SMITH 025800

SHEET TITLE:
EXISTING BUILDING PROPOSED DEMOLITION FLOOR PLAN

REV	DATE	DESCRIPTION

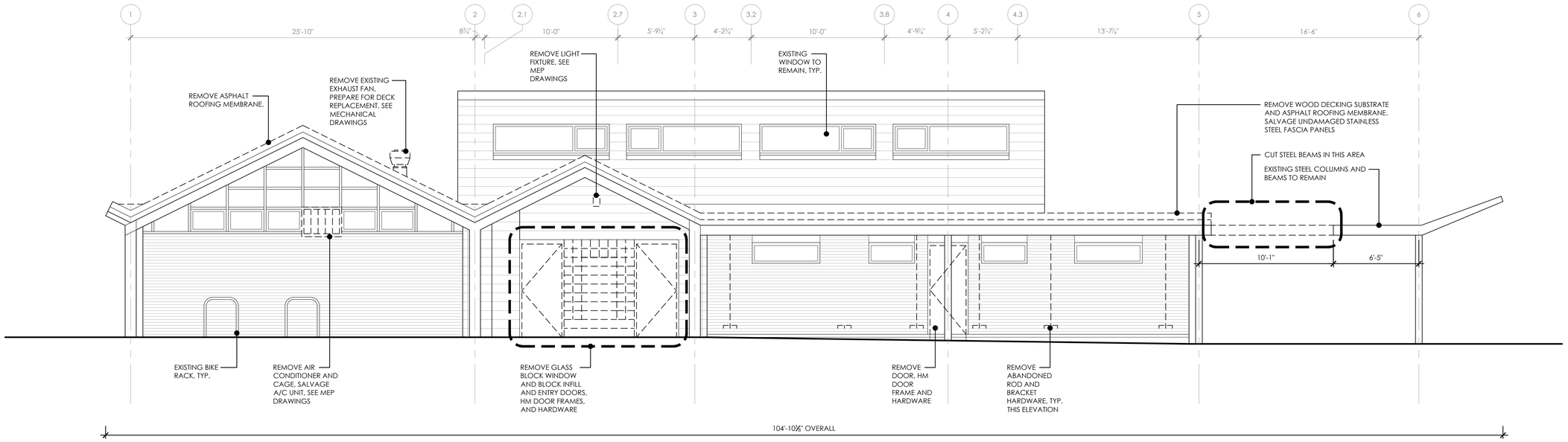
SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY:
CHECKED BY:
SHEET NUMBER:
AD1.00
SALT DESIGN STUDIO FILE NO.: 2003

0' 4' 8'

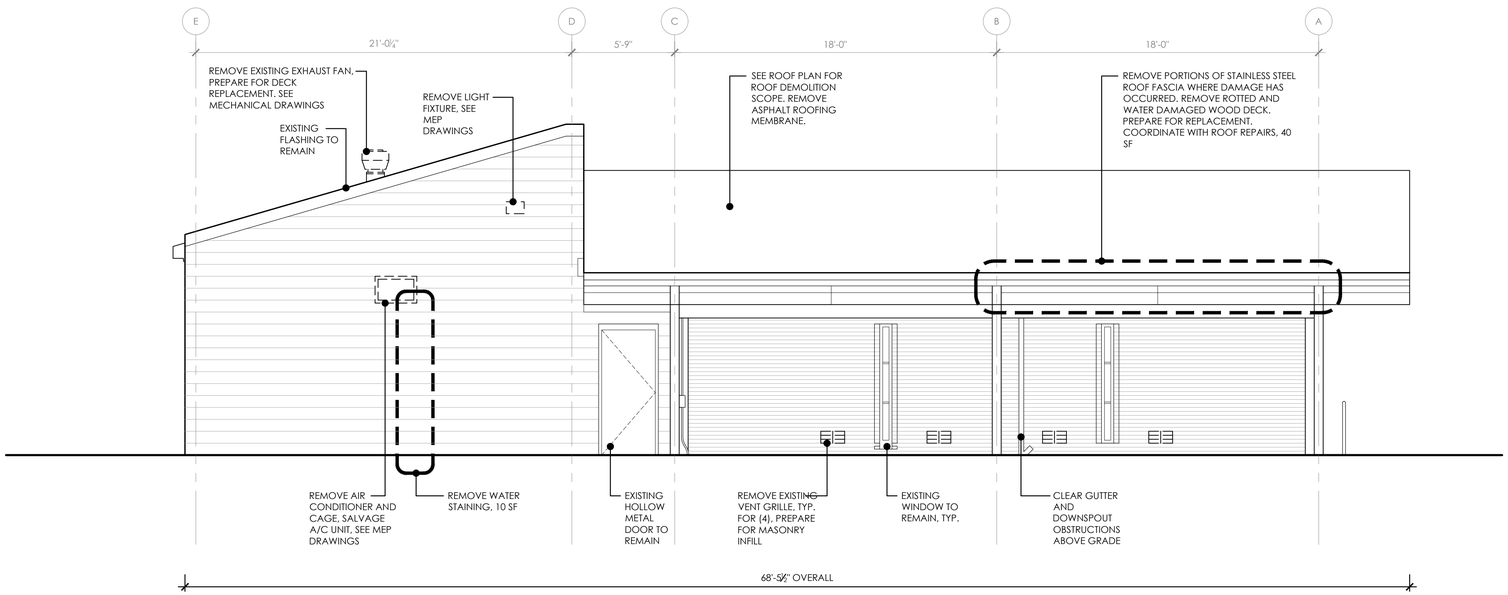
MATERIAL LEGEND

EXISTING BRICK MASONRY

EXISTING CMU MASONRY



1 PROPOSED DEMOLITION
EAST ELEVATION
SCALE: 1/4" = 1'-0"



2 PROPOSED DEMOLITION
SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS

CLIENT:

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:

ZIEHLER PLAYGROUND & RECREATION CENTER

200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:

16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:

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LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN

161 LEVERINGTON AVE, SUITE 1005
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www.saltdesignstudio.com

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ARCHITECTURE:

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LIGHTING DESIGN:

MILLER DESIGN GROUP
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MEP DESIGN:

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STRUCTURAL ENGINEERING:

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www.dhuy.com

DRAWING PHASE:

ISSUE FOR BIDDING

SEAL:

REGISTERED ARCHITECT PENNSYLVANIA

SHEET TITLE:

EXISTING BUILDING PROPOSED DEMOLITION BLDG ELEVS

REV	DATE	DESCRIPTION

SCALE: AS NOTED

DATE: 08/15/2022

DRAWN BY:

CHECKED BY:

SHEET NUMBER:

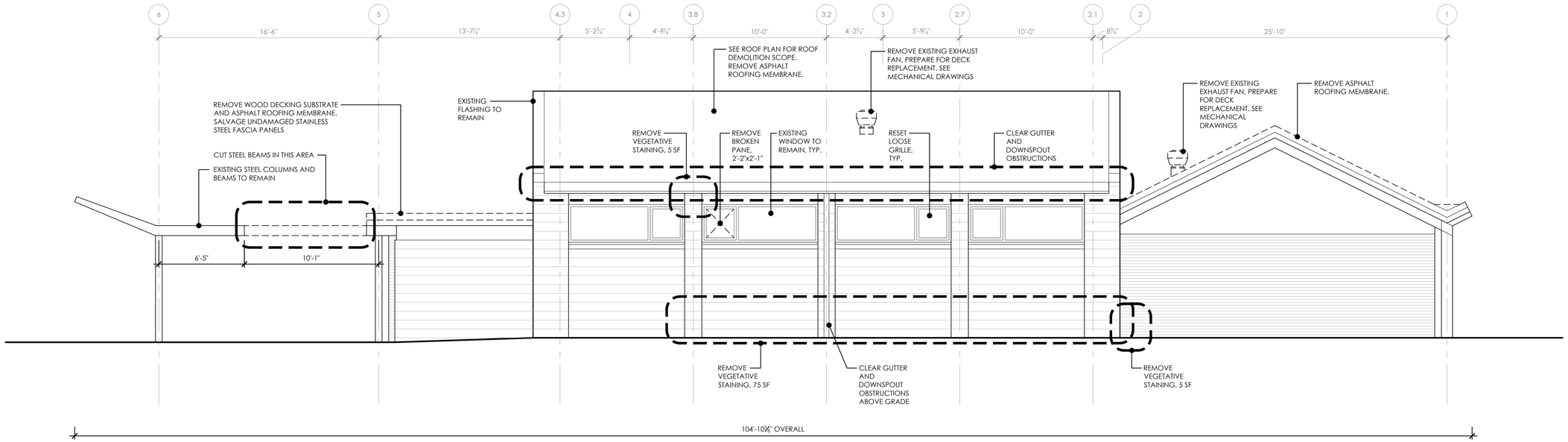
AD2.00

SALT DESIGN STUDIO FILE NO.: 2003

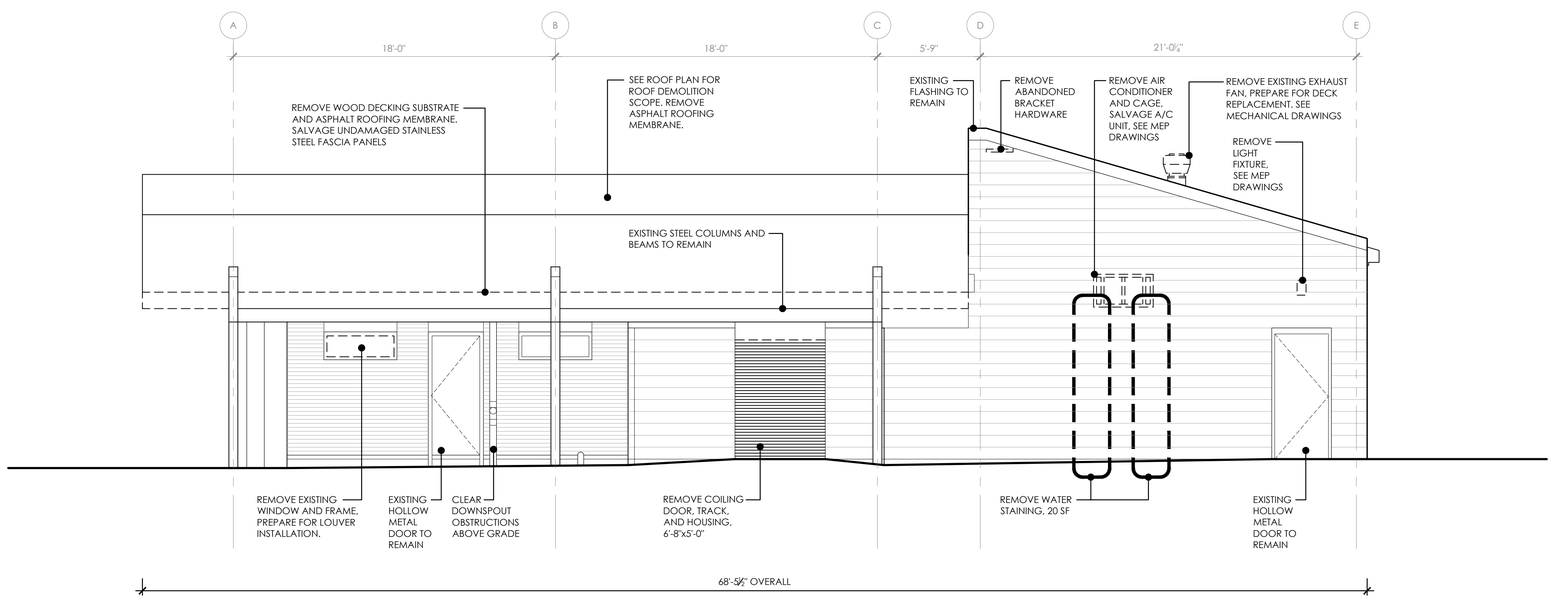
0' 4' 8'

MATERIAL LEGEND

- EXISTING BRICK MASONRY
- EXISTING CMU MASONRY



1 PROPOSED DEMOLITION
WEST ELEVATION
SCALE: 1/4" = 1'-0"



2 PROPOSED DEMOLITION
NORTH ELEVATION
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS

CLIENT:
PHILADELPHIA PARKS & RECREATION
FIND YOUR PATH
Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
ZIEHLER PLAYGROUND & RECREATION CENTER
200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:
16640E-01-02

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www.dhuy.com

DRAWING PHASE:
ISSUE FOR BIDDING

SEAL:
REGISTERED ARCHITECT PENNSYLVANIA IAN SMITH RA-028800

SHEET TITLE:
EXISTING BUILDING PROPOSED DEMOLITION BLDG ELEVS

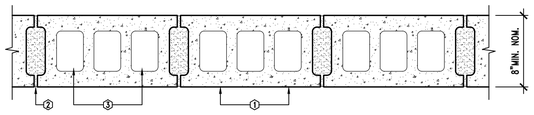
REV	DATE	DESCRIPTION

SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY:
CHECKED BY:

SHEET NUMBER:
AD2.01

SALT DESIGN STUDIO FILE NO.:
2003

P1 NON-RATED NON-BEARING EXTERIOR INFILL



1. CONCRETE BLOCKS* – VARIOUS DESIGNS. SEE CONCRETE BLOCKS CATEGORY FOR LIST OF ELIGIBLE MANUFACTURERS.

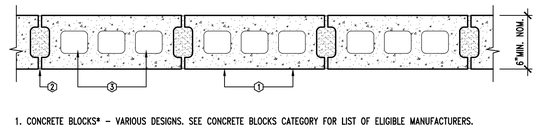
2. MORTAR – BLOCKS LAID IN FULL BED OF MORTAR, NOM. 3/8" THICK, OF NOT LESS THAN 2–1/4 AND NOT MORE THAN 3–1/2 PARTS OF CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTION BY VOLUME) AND NOT MORE THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.

3. LOOSE MASONRY FILL – IF ALL CORE SPACES ARE FILLED WITH LOOSE DRY EXPANDED SLAG, EXPANDED CLAY OR SHALE (ROTARY KILN PROCESS), WATER REPELLANT VERMICULITE MASONRY FILL INSULATION, OR SILICONE TREATED PERLITE LOOSE FILL INSULATION ADD 2HR TO CLASSIFICATION.

4. FULLY GROUTED, REINFORCED WITH VERTICAL #4 @ 16 O.C. HORIZONTAL GAGE 9 JOINT REINFORCED @ 16" (TYP).

5. FINISH – PAINT BOTH SIDES. PROVIDE WATERPROOFING SEALER ON EXTERIOR FACE.

P2 NON-RATED NON-BEARING INTERIOR WALL



1. CONCRETE BLOCKS* – VARIOUS DESIGNS. SEE CONCRETE BLOCKS CATEGORY FOR LIST OF ELIGIBLE MANUFACTURERS.

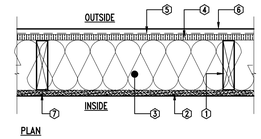
2. MORTAR – BLOCKS LAID IN FULL BED OF MORTAR, NOM. 3/8" THICK, OF NOT LESS THAN 2–1/4 AND NOT MORE THAN 3–1/2 PARTS OF CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTION BY VOLUME) AND NOT MORE THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.

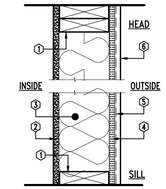
3. LOOSE MASONRY FILL – IF ALL CORE SPACES ARE FILLED WITH LOOSE DRY EXPANDED SLAG, EXPANDED CLAY OR SHALE (ROTARY KILN PROCESS), WATER REPELLANT VERMICULITE MASONRY FILL INSULATION, OR SILICONE TREATED PERLITE LOOSE FILL INSULATION ADD 2HR TO CLASSIFICATION.

4. FULLY GROUTED, REINFORCED WITH VERTICAL #4 @ 16 O.C. HORIZONTAL GAGE 9 JOINT REINFORCED @ 16" (TYP).

5. FINISH – PAINT BOTH SIDES (EXCLUDING WALLS FACING STORAGE AREAS)

P3 NON-RATED NON-BEARING EXTERIOR INFILL





1. WOOD STUDS – 2" X 6" WOOD STUDS AT 16" WITH DOUBLE TOP PLATES, SINGLE BOTTOM PLATE.

2. GYPSUM BOARD – INTERIOR SIDE COVERED WITH 5/8" IMPACT RESISTANT GYPSUM WALLBOARD, 4' WIDE, APPLIED VERTICALLY WITH ALL JOINTS OVER FRAMING OR BLOCKING AND FASTENED WITH 2 ¼" TYPE S DRYWALL SCREWS, SPACED 12" ON CENTER.

3. BATTS AND BLANKETS* – R–21 MINERAL FIBER INSULATION INSTALLED IN STUD CAVITY.

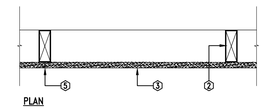
4. SHEATHING – EXTERIOR SIDE TO BE 5/8" EXTERIOR GRADE APPLICATION WATER RESISTANT GYPSUM CORE, 4' WIDE, APPLIED VERTICALLY WITH ALL JOINTS OVER FRAMING OR BLOCKING AND FASTENED WITH 2 ¼" TYPE S DRYWALL SCREWS, SPACED 12" ON CENTER.

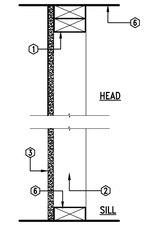
5. VAPOR RETARDER, WATER BARRIER OR WEATHER RESISTIVE BARRIER.

6. FINISH – PAINT INTERIOR GYPSUM FACE. PROVIDE IMPACT RESISTANT METAL PANEL SYSTEM ON EXTERIOR FACE.

7. JOINT TAPE AND COMPOUND – JOINTS TO BE COVERED WITH TAPE AND JOINT COMPOUND. LEVEL 4 FINISH.

P4 NON-RATED FURRING PARTITION ONE-SIDED





1. FLOOR WOOD STUD PLATES AND CEILING DOUBLE PLATES – ATTACHED TO FLOOR AND CEILING WITH FASTENERS 24 IN. OC MAX.

2. WOOD STUDS – 2"x4", MIN. SPACING 16" O.C.

3. GYPSUM BOARD – 1 LAYER, 1/2 IN. THICK GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED. EXTEND STUDS AND GWB ON BOTH SIDES TO STRUCTURE. SCRIBE GWB TO STRUCTURE AND FIRE CAULK, AS REQUIRED FOR DETERMINED FIRE RATING.

4. FASTENERS – (NOT SHOWN) – 1 IN. LONG TYPE S OR S–12 STEEL SCREWS USED TO ATTACH PANELS TO STUDS (ITEM 2), SPACED 8 IN. OC WHEN PANELS ARE APPLIED HORIZONTALLY, OR 8 IN. OC ALONG VERTICAL AND BOTTOM EDGES AND 12 IN. OC IN THE FIELD WHEN PANELS ARE APPLIED VERTICALLY.

5. JOINT TAPE AND COMPOUND – VINYL OR CASEIN, DRY OR PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS OF OUTER LAYERS. PAPER TAPES, NOM 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS OF OUTER LAYER PANELS. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM PANELS ARE SUPPLIED WITH A SQUARE EDGE.

6. SCHEDULED CEILING

CONSTRUCTION DOCUMENTS

CLIENT:

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:

ZIEHLER PLAYGROUND & RECREATION CENTER

200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:

16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:

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ARCHITECTURE:

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MEP DESIGN:

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STRUCTURAL ENGINEERING:

D'HUY ENGINEERING, INC.
1 EAST BROAD STREET, SUITE 310
BETHLEHEM, PA 18018
www.dhuy.com

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SHEET TITLE:

PARTITION TYPES

REV	DATE	DESCRIPTION

SCALE: AS NOTED

DATE: 08/15/2022

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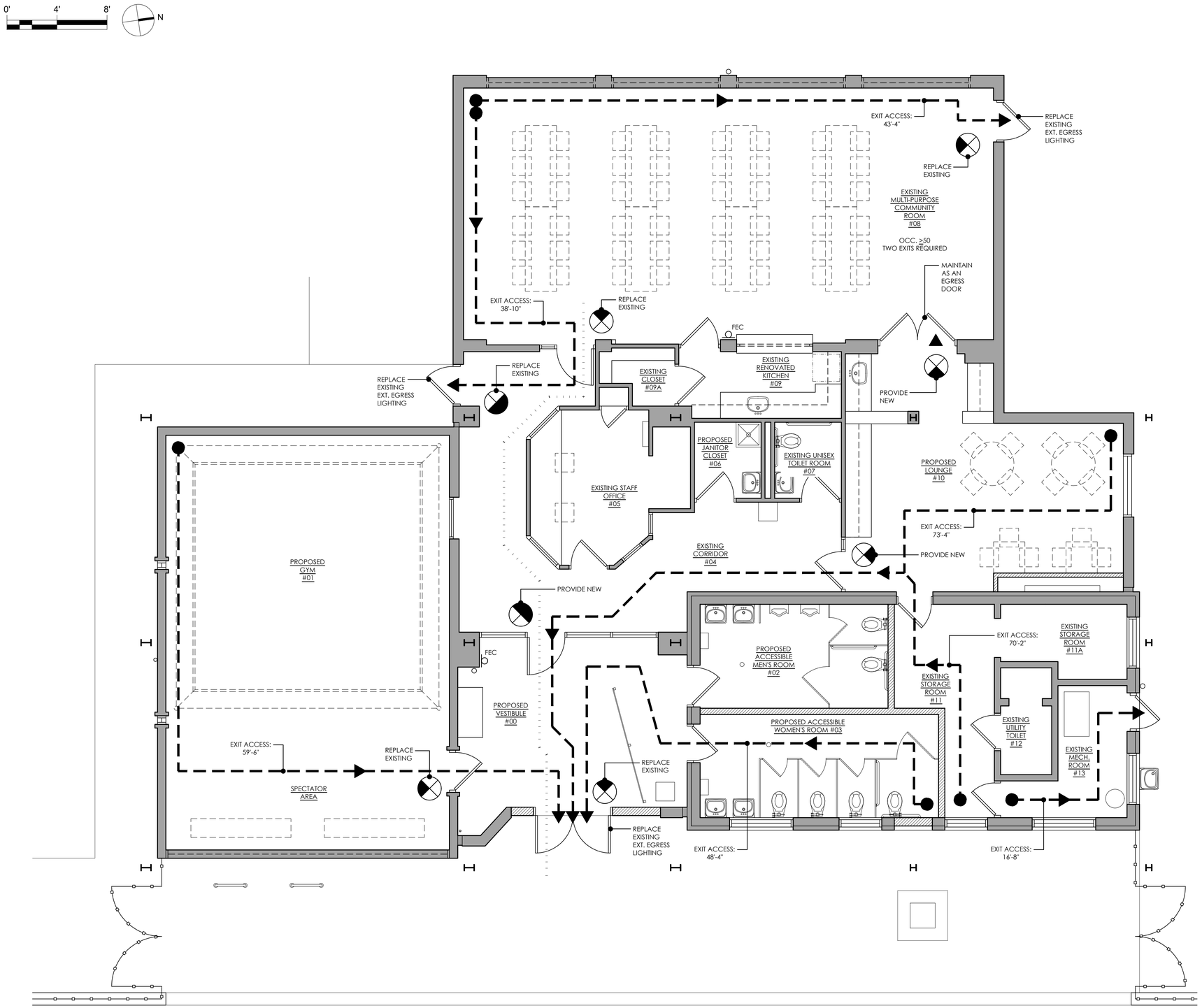
SHEET NUMBER:

A0.01

SALT DESIGN STUDIO FILE NO.: 2003



PROPOSED EGRESS PLAN
SCALE: 1/4" = 1'-0"

	ALLOWED	EXISTING	PROPOSED
CONSTRUCTION TYPE		5B	5B
OCCUPANCY CLASSIFICATION		A3 - COMM. HALL	A3 - COMM. HALL
BUILDING HEIGHT	40 FEET	15.5 FEET	15.5 FEET
BUILDING NO. STORIES	1 STORIES	1 STORIES	1 STORIES
GROSS FLOOR AREA	6,000 SF	3,600 SF	3,600 SF

BUILDING ELEMENT	TYPE 5A REQ. RATING[d]
PRIMARY STRUCTURAL FRAME[f] (see Section 202)	0
BEARING WALLS EXTERIOR[e,f]	0
INTERIOR	0
NONBEARING WALLS AND PARTITIONS EXTERIOR	SEE TABLE 602
NONBEARING WALLS AND PARTITIONS INTERIOR [g]	0
FLOOR CONSTRUCTION AND SECONDARY MEMBERS (see Section 202)	0
ROOF CONSTRUCTION AND SECONDARY MEMBERS (see Section 202)	0

	USE	CONST. TYPE	ALLOW. STO.	ALLOWED AREA/ FER	EXISTING AREA	OCCUPANCY RATIO	CODE ESTABLISHED OCC.	SEE NOTE	PROP. REDUCED
GROUND FLOOR (A-3)	A-3	5B	1	6,000 GSF					
GYM					750 GSF	50 GR	15 OCC.		
MULTI-PURPOSE ROOM					850 GSF	15 NET	57 OCC.		
ACTIVITY ROOM					370 GSF	15 NET	25 OCC.		
OFFICE					130 GSF	150 GR	1 OCC.		
ACCESSORY AREAS					1,500 GSF	300 GR	5 OCC.		

	REQUIRED (5B)
CORRIDOR FIRE RESISTANCE RATING (TABLE 1020.1)	USE A-3: OCCUPANT LOAD GREATER THAN 30 OCCUPANTS / WITHOUT SPRINKLER SYSTEM = 1 HR
CORRIDOR MINIMUM WIDTH	44" (TABLE 1020.2)
COMMON PATH OF EGRESS TRAVEL	A-3: 75' WITHOUT SPRINKLER SYSTEM (TABLE 1006.2.1)
DEADEND	A-3 : 20' WITHOUT SPRINKLER SYSTEM (1020.4 EX.2)
EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)	A-3 : 200' WITHOUT SPRINKLER SYSTEM
EXIT REMOTENESS	1/2 DIAGONAL, 1007.1.1
NUMBER OF EXITS	TABLE 1006.3.2 - 1-500 OCC. (2) EXITS MINIMUM
EGRESS CAPACITY	0.3 PER INCH OF STAIR = 36" STAIR/0.3" = 120 MAX. (SECTION 1009.1.1)
	0.2 PER INCH OF DOOR AND OTHER COMPONENTS 34" DOOR OPENING/0.2" = 170 MAX. 36" DOOR OPENING = 34" CLEAR OPENING BETWEEN DOOR AND JAMB (SECTION 1005)
ACCESSIBLE MEANS OF EGRESS	PROVIDED
DOOR SWING	A-3: SWING IN THE DIRECTION OF EGRESS TRAVEL PER (SECTION 1010.1.2)

PROJECT NARRATIVE

PROPOSED EXISTING (1) STORY COMMUNITY HALL PARK BUILDING TO BE RENOVATED. RENOVATIONS TO INCLUDE ACCESSIBILITY UPGRADES, TOILET ROOM IMPROVEMENTS AND CODE COMPLIANCE UPGRADES. NO CHANGES TO EXISTING USES.

BUILDING DATA

THIS BUILDING IS NOT PROPOSED TO BE EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1 NFPA 13 SPRINKLER SYSTEMS. (AASS)
SPRINKLER DESIGN - BUILDING IS NOT REQUIRED TO BE EQUIPPED WITH CLASS I STANDPIPES IN THE EXIT STAIRWAYS PER SECTION 905.3 OF THE 2018 IBC.

PHILADELPHIA ZONING DISTRICT	SP-PO-A RECREATION
APPLICABLE CODE	
PHILADELPHIA ADMINISTRATIVE CODE	
PHILADELPHIA BUILDING CODE	2018 INTERNATIONAL BUILDING CODE (IBC 2018) ACCESSIBILITY - (IBC 2018 - CH. 11 ACCESSIBILITY REFERENCE STANDARD - (ICC ANSI A117.1-2009)
PHILADELPHIA EXISTING BUILDING CODE	2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC 2018) ACCESSIBILITY - (IEBC 2018 - SECTION 305 ACCESSIBILITY REFERENCE STANDARD - (ICC ANSI A117.1-2009)
PHILADELPHIA RESIDENTIAL CODE	2015 INTERNATIONAL RESIDENTIAL CODE (IRC 2015)
PHILADELPHIA MECHANICAL CODE	2018 INTERNATIONAL MECHANICAL CODE (IMC 2018)
PHILADELPHIA ELECTRICAL CODE	2017 NATIONAL ELECTRIC CODE (PER IBC 2018)
PHILADELPHIA PERFORMANCE CODE	2018 INTERNATIONAL PERFORMANCE BUILDING CODE (IPBC 2018)
PHILADELPHIA ENERGY CONSERVATION CODE	2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC 2018)
PHILADELPHIA FIRE CODE	2009 INTERNATIONAL FIRE CODE (IFC 2018)
PHILADELPHIA FUEL GAS CODE	2018 INTERNATIONAL FUEL GAS CODE (IFGC 2018)
PHILADELPHIA ZONING CODE	PER MOST RECENT AMENDMENT THROUGH PHILA. CITY COUNCIL
PHILADELPHIA PLUMBING CODE	2ND EDITION SIXTH PRINTING FEB. 2019 (358.1); JAN. 03, 2019
PHILADELPHIA PROPERTY MAINTENANCE CODE	PER MOST RECENT AMENDMENT (358.1); JAN. 03, 2019

EGRESS LEGEND

- EXIT
- EXIT ACCESS
- OCC. NUMBER OF OCCUPANTS
- ACCESSIBLE ROUTE
- STARTING POINT
- PATH OF TRAVEL
- ENDING POINT
- INTERMEDIATE POINT - DIRECTION OF TRAVEL
- DIRECTION OF TRAVEL
- NUMBER OF OCCUPANTS (7 OCC.)
- PROVIDED WIDTH (1.4")
- REQUIRED WIDTH (31")
- EXIT SIGNAGE
- FIRE EXTINGUISHER / CABINET
- REQUIRED WIDTH FOR OTHER
- DIRECTION OF TRAVEL
- NUMBER OF OCCUPANTS (2 OCC.)
- PROVIDED WIDTH FOR OTHER (0.2, 0.4", 28")
- PROVIDED WIDTH FOR STAIR (0.3, 0.6", 30")
- REQUIRED WIDTH
- UNIT FACTOR OTHER THAN STAIR WIDTH
- UNIT FACTOR STAIR WIDTH
- PROPOSED INTERIOR / EXTERIOR NONRATED PARTITION
- EXISTING INTERIOR / EXTERIOR NONRATED PARTITION

CONSTRUCTION DOCUMENTS

CLIENT:
PHILADELPHIA PARKS & RECREATION
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Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
ZIEHLER PLAYGROUND & RECREATION CENTER
200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:
16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:
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SEAL:
REGISTERED ARCHITECT PENNSYLVANIA
IAN SMITH

SHEET TITLE:
EXISTING BUILDING PROPOSED EGRESS PLAN

REV	DATE	DESCRIPTION

SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY:
CHECKED BY:
SHEET NUMBER:
A0.10

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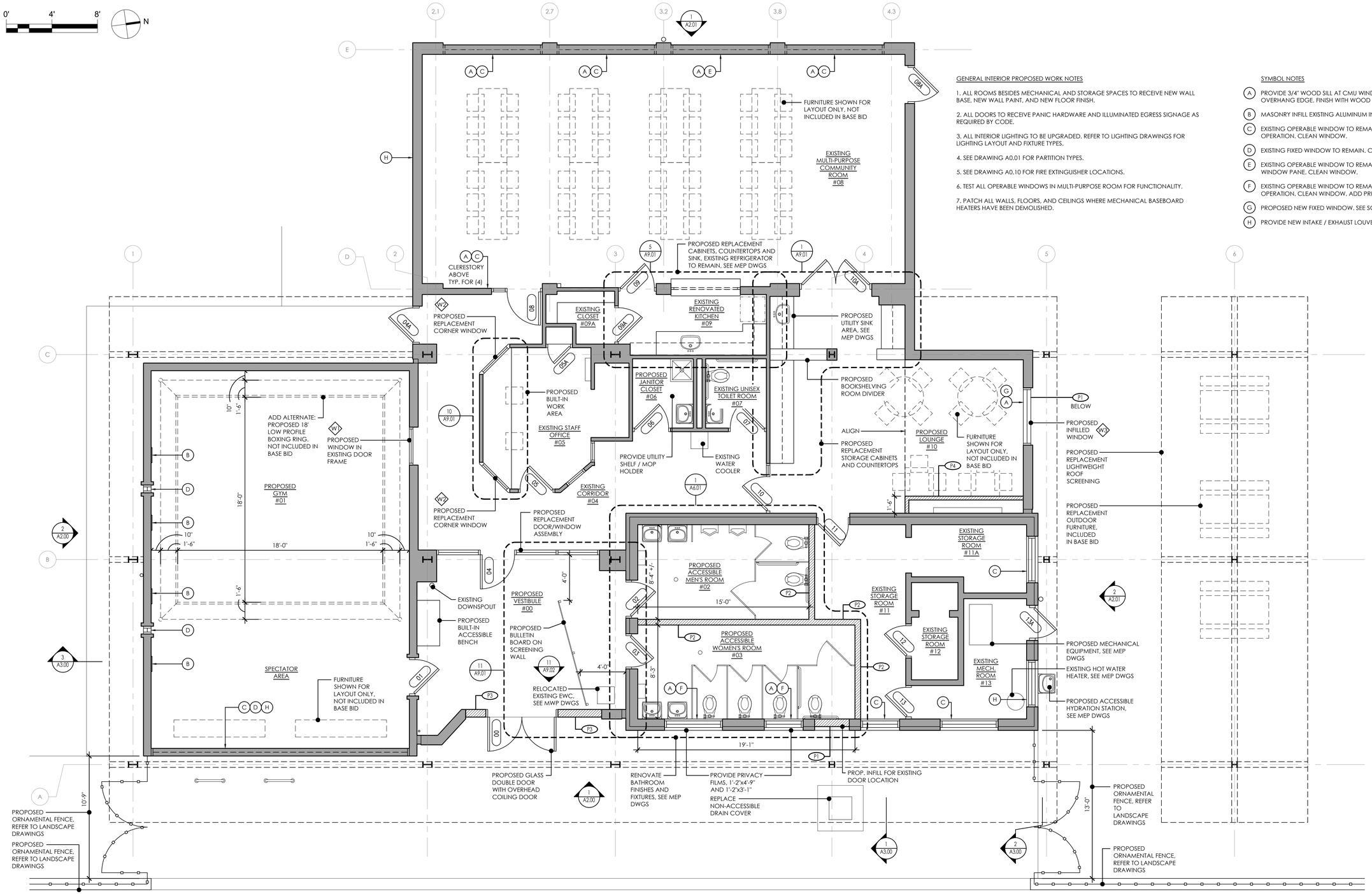

PROPOSED FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL INTERIOR PROPOSED WORK NOTES

1. ALL ROOMS BESIDES MECHANICAL AND STORAGE SPACES TO RECEIVE NEW WALL BASE, NEW WALL PAINT, AND NEW FLOOR FINISH.

2. ALL DOORS TO RECEIVE PANIC HARDWARE AND ILLUMINATED EGRESS SIGNAGE AS REQUIRED BY CODE.

3. ALL INTERIOR LIGHTING TO BE UPGRADED. REFER TO LIGHTING DRAWINGS FOR LIGHTING LAYOUT AND FIXTURE TYPES.

4. SEE DRAWING A0.01 FOR PARTITION TYPES.

5. SEE DRAWING A0.10 FOR FIRE EXTINGUISHER LOCATIONS.

6. TEST ALL OPERABLE WINDOWS IN MULTI-PURPOSE ROOM FOR FUNCTIONALITY.

7. PATCH ALL WALLS, FLOORS, AND CEILINGS WHERE MECHANICAL BASEBOARD HEATERS HAVE BEEN DEMOLISHED.

SYMBOL NOTES

- (A) PROVIDE 3/4" WOOD SILL AT CMU WINDOW SILL WITH 1/2" OVERHANG EDGE. FINISH WITH WOOD STAIN. SEE 12/A9.02.
- (B) MASONRY INFILL EXISTING ALUMINUM INTAKE GRILLE LOCATION.
- (C) EXISTING OPERABLE WINDOW TO REMAIN. VERIFY PROPER OPERATION. CLEAN WINDOW.
- (D) EXISTING FIXED WINDOW TO REMAIN. CLEAN WINDOW.
- (E) EXISTING OPERABLE WINDOW TO REMAIN. REPAIR BROKEN WINDOW PANE. CLEAN WINDOW.
- (F) EXISTING OPERABLE WINDOW TO REMAIN. VERIFY PROPER OPERATION. CLEAN WINDOW. ADD PRIVACY FILM.
- (G) PROPOSED NEW FIXED WINDOW. SEE SCHEDULES.
- (H) PROVIDE NEW INTAKE / EXHAUST LOUVER.

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SHEET TITLE:
EXISTING BUILDING PROPOSED FLOOR PLAN

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SCALE: AS NOTED
DATE: 08/15/2022
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CHECKED BY:

SHEET NUMBER:
A1.00

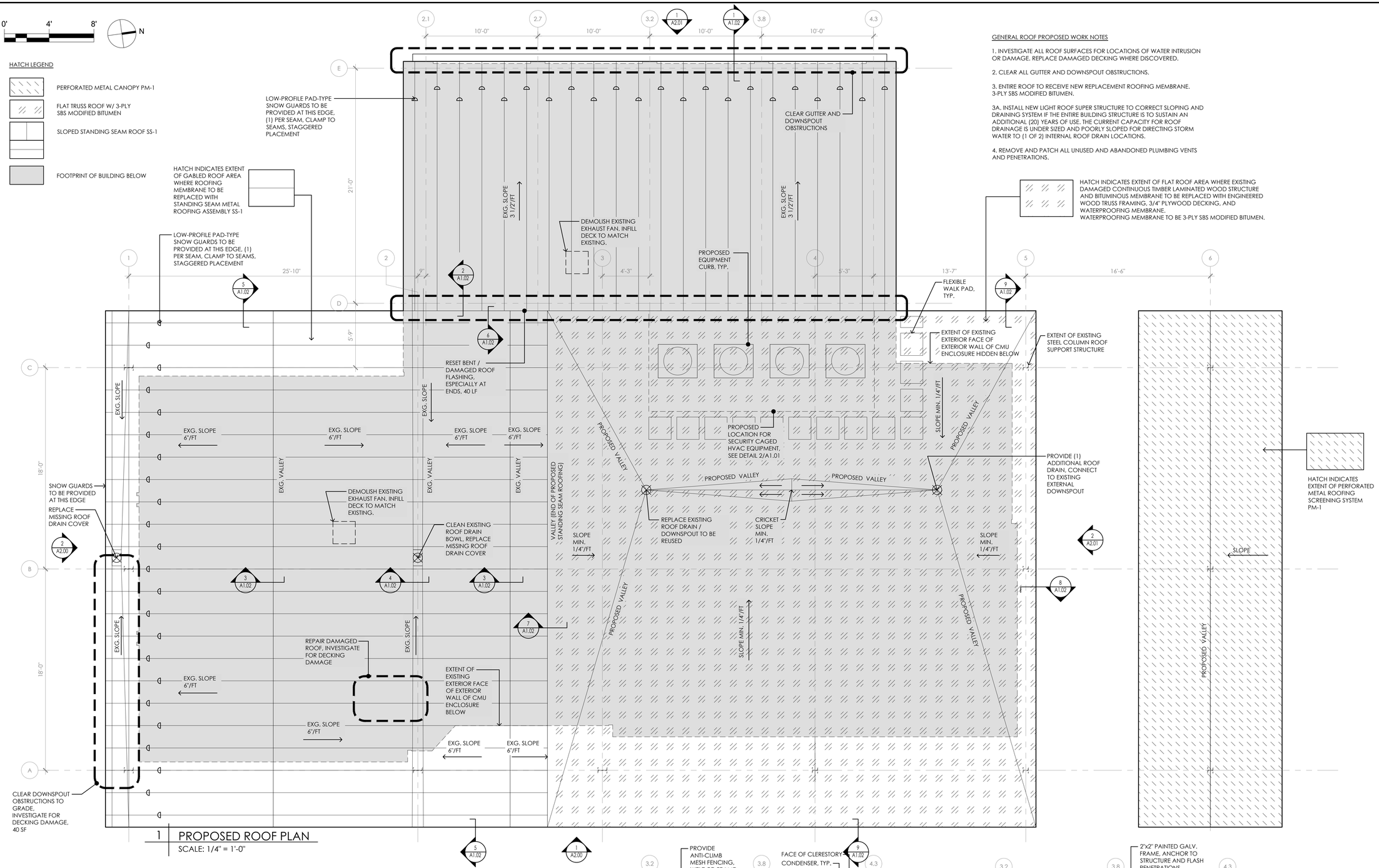
SALT DESIGN STUDIO FILE NO.:
2003

0' 4' 8'

N

HATCH LEGEND

- PERFORATED METAL CANOPY PM-1
- FLAT TRUSS ROOF W/ 3-PLY SBS MODIFIED BITUMEN
- SLOPED STANDING SEAM ROOF SS-1
- FOOTPRINT OF BUILDING BELOW



1 PROPOSED ROOF PLAN
SCALE: 1/4" = 1'-0"

GENERAL ROOF PROPOSED WORK NOTES

1. INVESTIGATE ALL ROOF SURFACES FOR LOCATIONS OF WATER INTRUSION OR DAMAGE. REPLACE DAMAGED DECKING WHERE DISCOVERED.

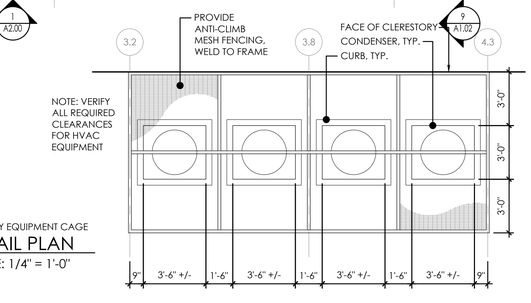
2. CLEAR ALL GUTTER AND DOWNSPOUT OBSTRUCTIONS.

3. ENTIRE ROOF TO RECEIVE NEW REPLACEMENT ROOFING MEMBRANE. 3-PLY SBS MODIFIED BITUMEN.

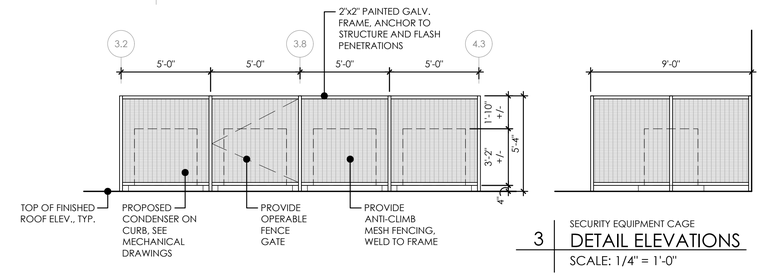
3A. INSTALL NEW LIGHT ROOF SUPER STRUCTURE TO CORRECT SLOPING AND DRAINING SYSTEM IF THE ENTIRE BUILDING STRUCTURE IS TO SUSTAIN AN ADDITIONAL (20) YEARS OF USE. THE CURRENT CAPACITY FOR ROOF DRAINAGE IS UNDER SIZED AND POORLY SLOPED FOR DIRECTING STORM WATER TO (1 OF 2) INTERNAL ROOF DRAIN LOCATIONS.

4. REMOVE AND PATCH ALL UNUSED AND ABANDONED PLUMBING VENTS AND PENETRATIONS.

HATCH INDICATES EXTENT OF FLAT ROOF AREA WHERE EXISTING DAMAGED CONTINUOUS TIMBER LAMINATED WOOD STRUCTURE AND BITUMINOUS MEMBRANE TO BE REPLACED WITH ENGINEERED WOOD TRUSS FRAMING, 3/4" PLYWOOD DECKING, AND WATERPROOFING MEMBRANE. WATERPROOFING MEMBRANE TO BE 3-PLY SBS MODIFIED BITUMEN.



2 SECURITY EQUIPMENT CAGE DETAIL PLAN
SCALE: 1/4" = 1'-0"



3 SECURITY EQUIPMENT CAGE DETAIL ELEVATIONS
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS

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EXISTING BUILDING PROPOSED ROOF PLAN

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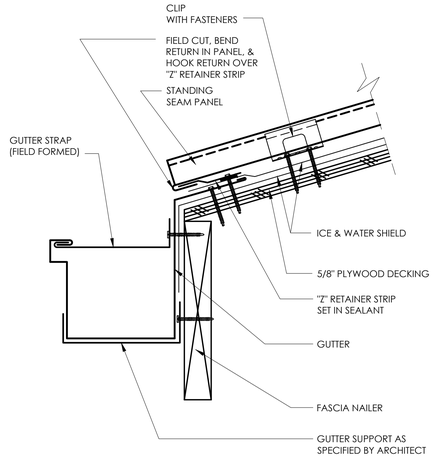
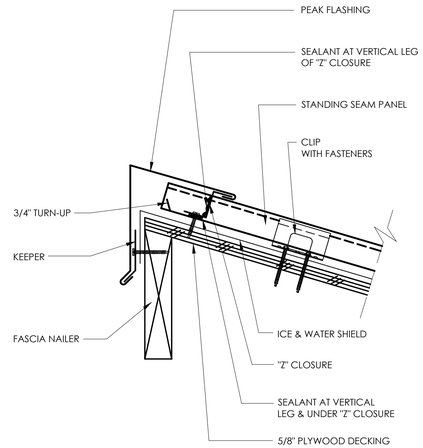
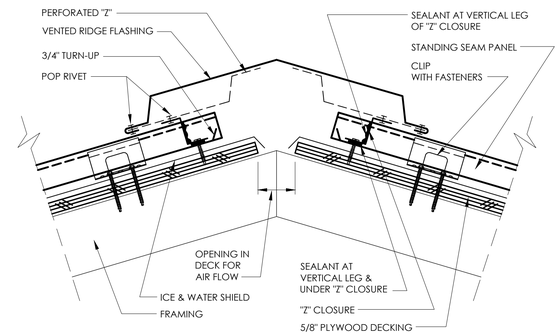


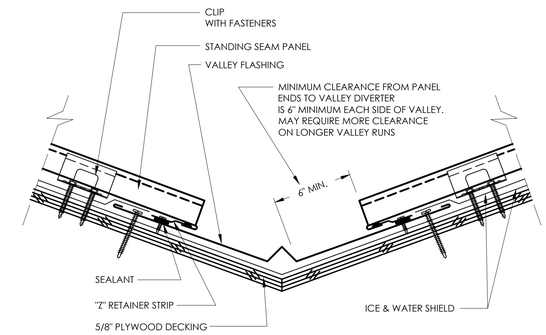
1 STANDING SEAM - GUTTER EDGE
DETAIL SECTION
SCALE: 3" = 1'-0"



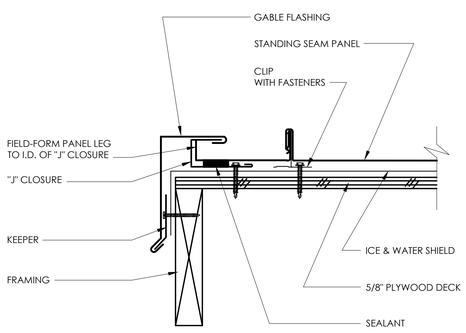
2 STANDING SEAM - PEAK EDGE
DETAIL SECTION
SCALE: 3" = 1'-0"



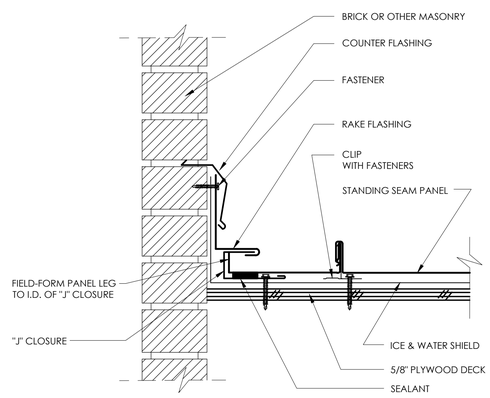
3 STANDING SEAM - VENTED RIDGE
DETAIL SECTION
SCALE: 3" = 1'-0"



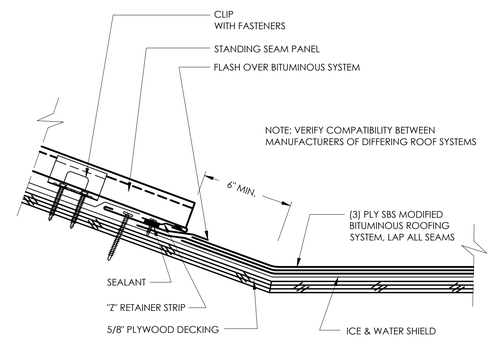
4 STANDING SEAM - VALLEY
DETAIL SECTION
SCALE: 3" = 1'-0"



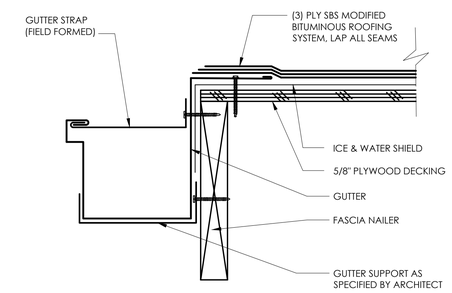
5 STANDING SEAM - FASCIA EDGE
DETAIL SECTION
SCALE: 3" = 1'-0"



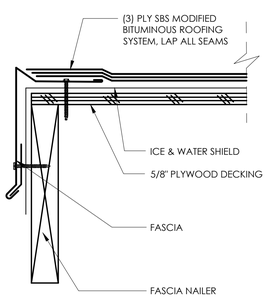
6 STANDING SEAM - MASONRY RAKE
DETAIL SECTION
SCALE: 3" = 1'-0"



7 STANDING SEAM TO BITUMINOUS ROOFING TRANSITION
DETAIL SECTION
SCALE: 3" = 1'-0"



7 BITUMINOUS ROOFING - GUTTER EDGE
DETAIL SECTION
SCALE: 3" = 1'-0"



8 BITUMINOUS ROOFING - EDGE
DETAIL SECTION
SCALE: 3" = 1'-0"

CONSTRUCTION DOCUMENTS

CLIENT:
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA

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EXISTING BUILDING PROPOSED ROOF DETAILS

REV	DATE	DESCRIPTION

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DATE: 08/15/2022
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SHEET NUMBER:
A1.02

SALT DESIGN STUDIO FILE NO.:
2003

0' 4' 8'

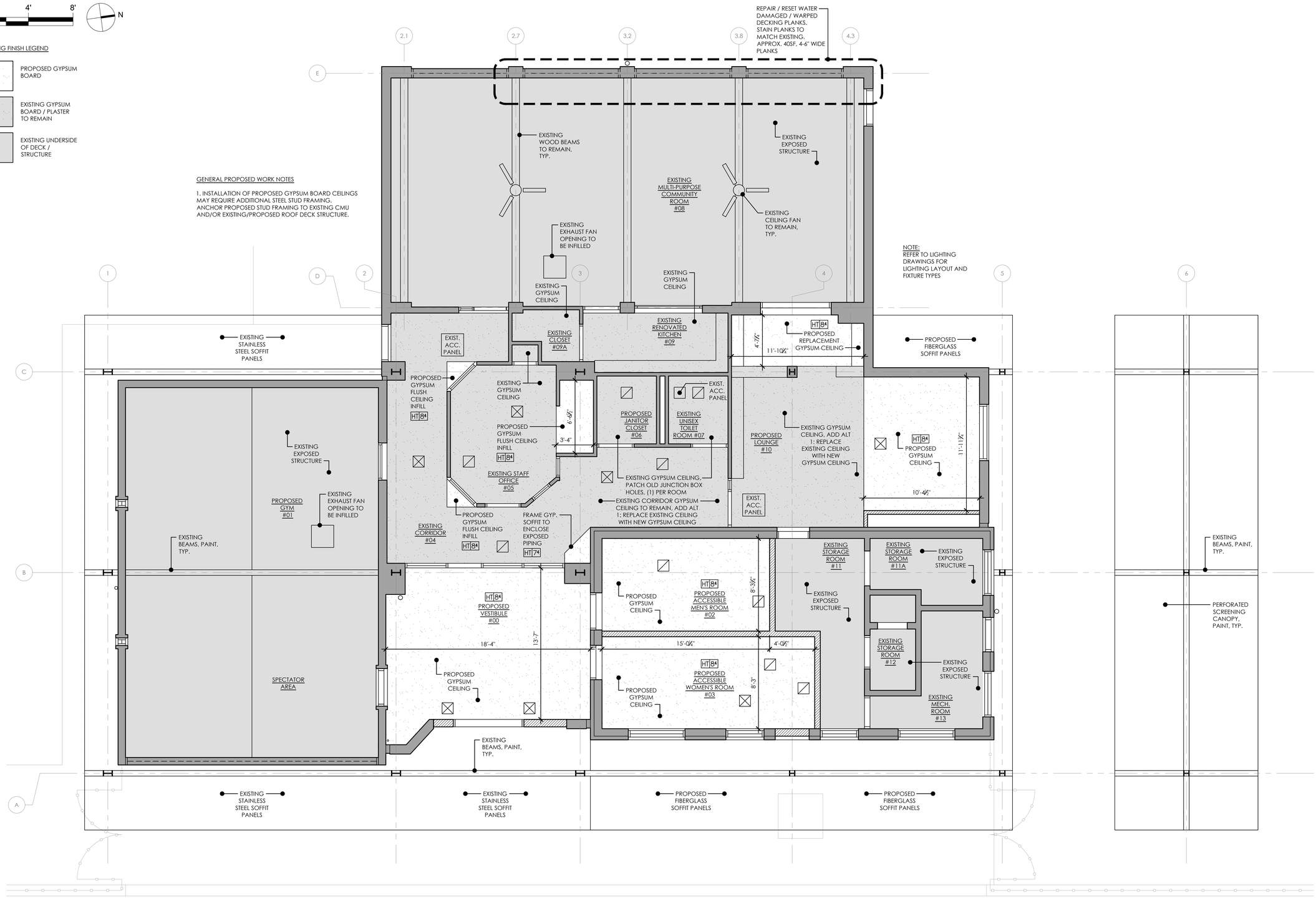
N

CEILING FINISH LEGEND

- PROPOSED GYPSUM BOARD
- EXISTING GYPSUM BOARD / PLASTER TO REMAIN
- EXISTING UNDERSIDE OF DECK / STRUCTURE

GENERAL PROPOSED WORK NOTES

1. INSTALLATION OF PROPOSED GYPSUM BOARD CEILINGS MAY REQUIRE ADDITIONAL STEEL STUD FRAMING. ANCHOR PROPOSED STUD FRAMING TO EXISTING CMU AND/OR EXISTING/PROPOSED ROOF DECK STRUCTURE.



PROPOSED REFLECTED CEILING PLAN

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

CONSTRUCTION DOCUMENTS

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DATE: 08/15/2022

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CHECKED BY:

SHEET NUMBER:

A1.10

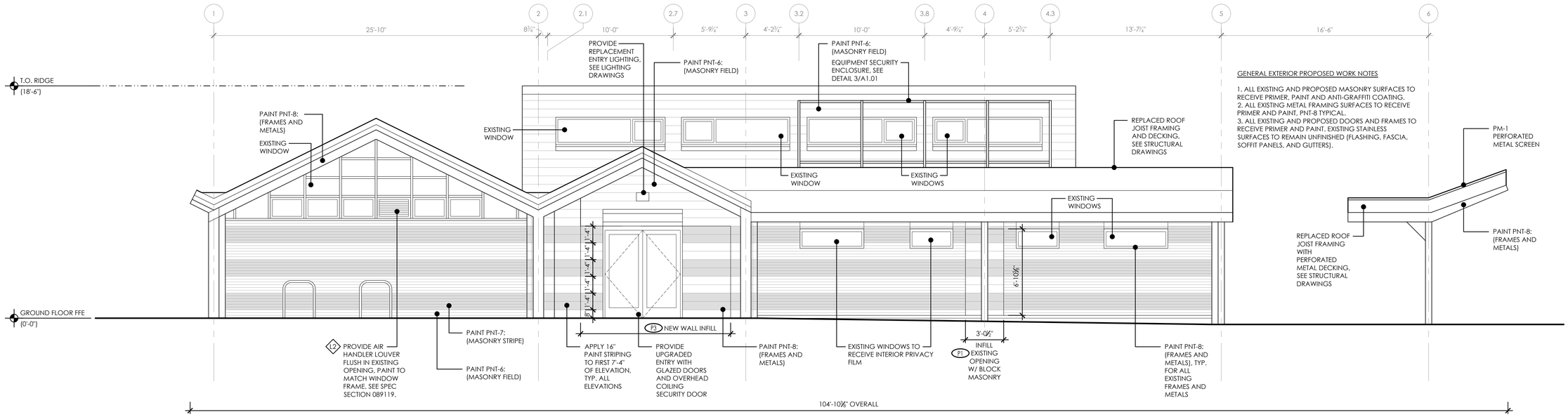
SALT DESIGN STUDIO FILE NO.: 2003

0' 4' 8'

PAINT LEGEND

BRICK/CMU: PNT-6

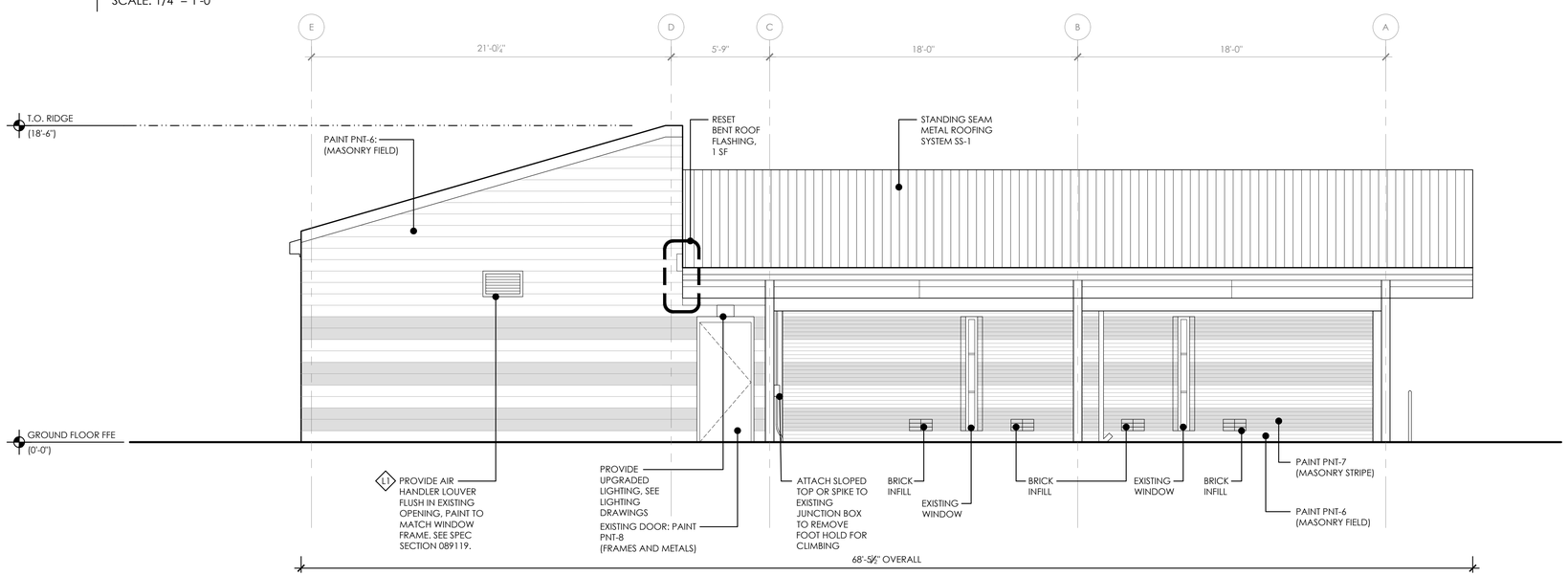
BRICK/CMU: PNT-7



GENERAL EXTERIOR PROPOSED WORK NOTES

1. ALL EXISTING AND PROPOSED MASONRY SURFACES TO RECEIVE PRIMER, PAINT AND ANTI-GRAFFITI COATING.
2. ALL EXISTING METAL FRAMING SURFACES TO RECEIVE PRIMER AND PAINT, PNT-8 TYPICAL.
3. ALL EXISTING AND PROPOSED DOORS AND FRAMES TO RECEIVE PRIMER AND PAINT. EXISTING STAINLESS SURFACES TO REMAIN UNFINISHED (FLASHING, FASCIA, SOFFIT PANELS, AND GUTTERS).

1 PROPOSED
EAST ELEVATION
SCALE: 1/4" = 1'-0"



2 PROPOSED
SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS

CLIENT:
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
ZIEHLER PLAYGROUND & RECREATION CENTER
200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:
16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:
SALT DESIGN STUDIO
LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN
161 LEVERINGTON AVE, SUITE 1005
PHILADELPHIA, PA 19127
www.saltdesignstudio.com

CIVIL ENGINEERING:
MELIORA DESIGN
259 MORGAN STREET
PHOENIXVILLE, PA 19460
www.melioradesign.com

ARCHITECTURE:
IAN SMITH DESIGN GROUP
322 E. THOMPSON STREET
PHILADELPHIA, PA 19125
www.is-dg.com

LIGHTING DESIGN:
MILLER DESIGN GROUP
www.millerdesigngrouplighting.com

MEP DESIGN:
MARK ULRICK ENGINEERS, INC.
622 COOPER STREET, #200
CAMDEN, NJ 08102
www.markulrick.com

STRUCTURAL ENGINEERING:
D'HUY ENGINEERING, INC.
1 EAST BROAD STREET, SUITE 310
BETHLEHEM, PA 18018
www.dhuy.com

DRAWING PHASE:
ISSUE FOR BIDDING

SEAL:
REGISTERED ARCHITECT PENNSYLVANIA

SHEET TITLE:
EXISTING BUILDING PROPOSED BUILDING ELEVATIONS

REV	DATE	DESCRIPTION

SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY:
CHECKED BY:

SHEET NUMBER:
A2.00

SALT DESIGN STUDIO FILE NO.: 2003

0' 4' 8'

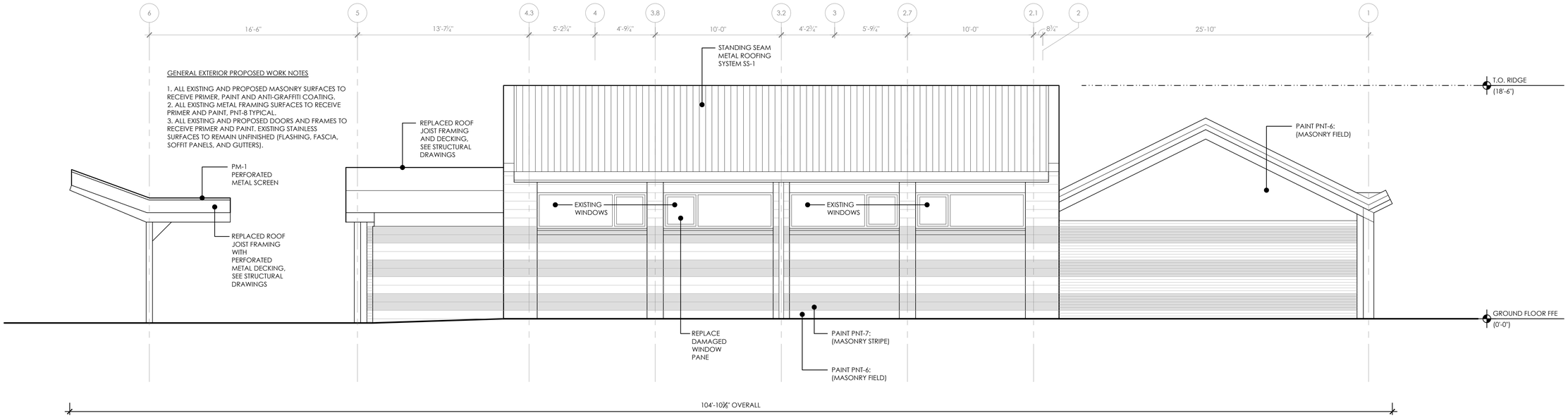
PAINT LEGEND

BRICK/CMU: PNT-6

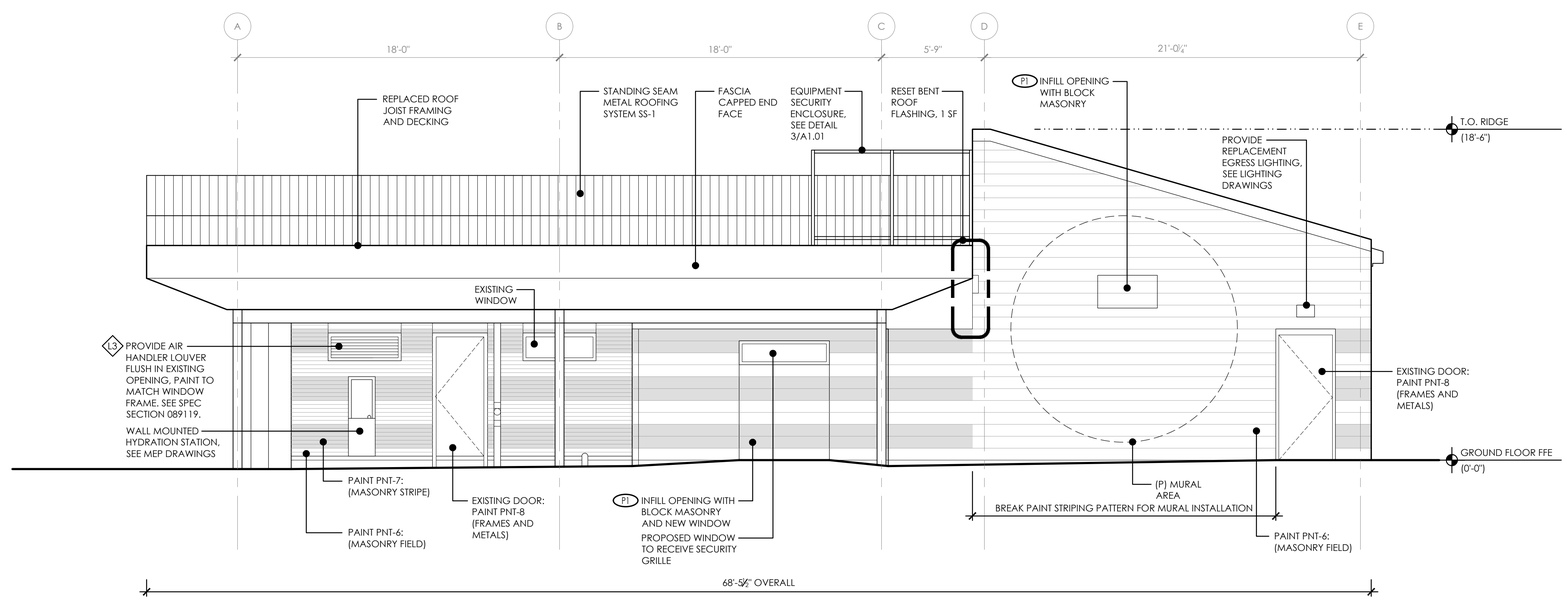
BRICK/CMU: PNT-7

GENERAL EXTERIOR PROPOSED WORK NOTES

1. ALL EXISTING AND PROPOSED MASONRY SURFACES TO RECEIVE PRIMER, PAINT AND ANTI-GRAFFITI COATING.
2. ALL EXISTING METAL FRAMING SURFACES TO RECEIVE PRIMER AND PAINT. PNT-8 TYPICAL.
3. ALL EXISTING AND PROPOSED DOORS AND FRAMES TO RECEIVE PRIMER AND PAINT. EXISTING STAINLESS SURFACES TO REMAIN UNFINISHED (FLASHING, FASCIA, SOFFIT PANELS, AND GUTTERS).



1 PROPOSED
WEST ELEVATION
SCALE: 1/4" = 1'-0"



2 PROPOSED
NORTH ELEVATION
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS

CLIENT:

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:

ZIEHLER PLAYGROUND & RECREATION CENTER

200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:

16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:

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LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN

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www.dhuy.com

DRAWING PHASE:

ISSUE FOR BIDDING

SEAL:

REGISTERED ARCHITECT PENNSYLVANIA

SHEET TITLE:

EXISTING BUILDING PROPOSED BUILDING ELEVATIONS

REV	DATE	DESCRIPTION

SCALE: AS NOTED

DATE: 08/15/2022

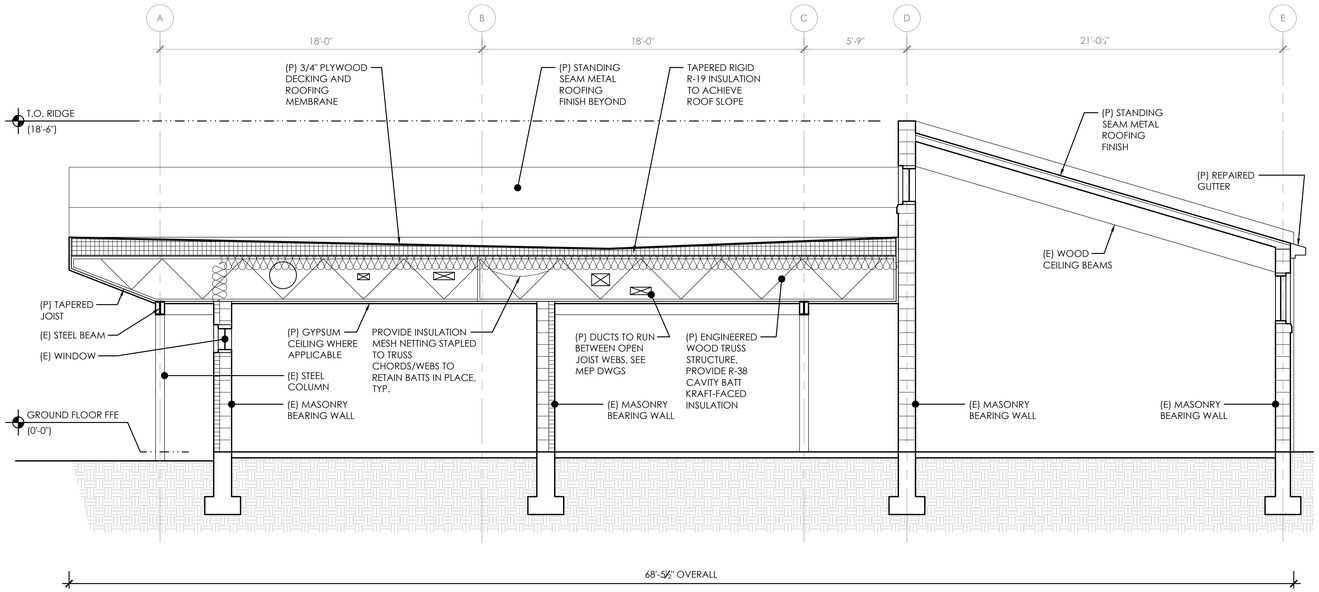
DRAWN BY:

CHECKED BY:

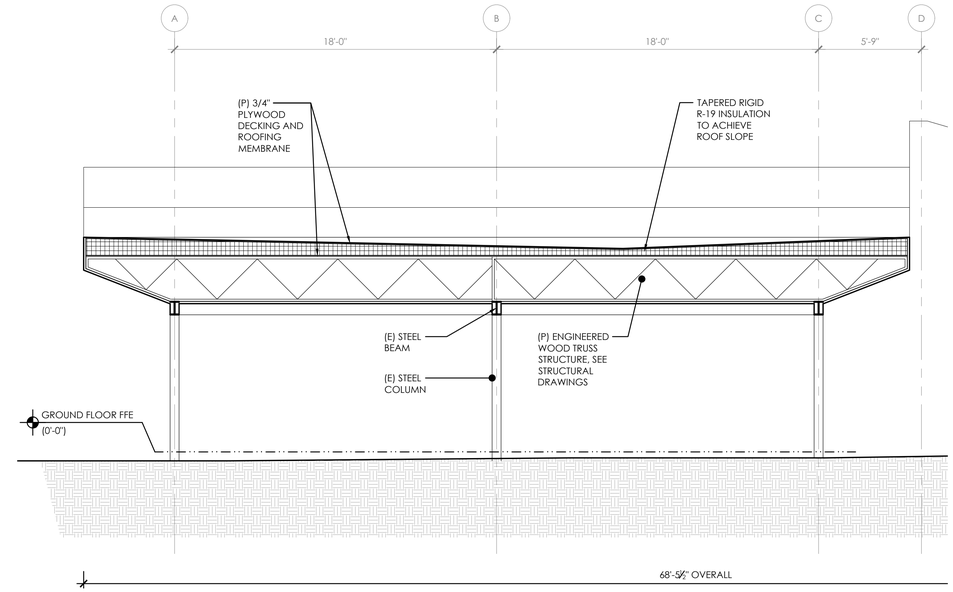
SHEET NUMBER:

A2.01

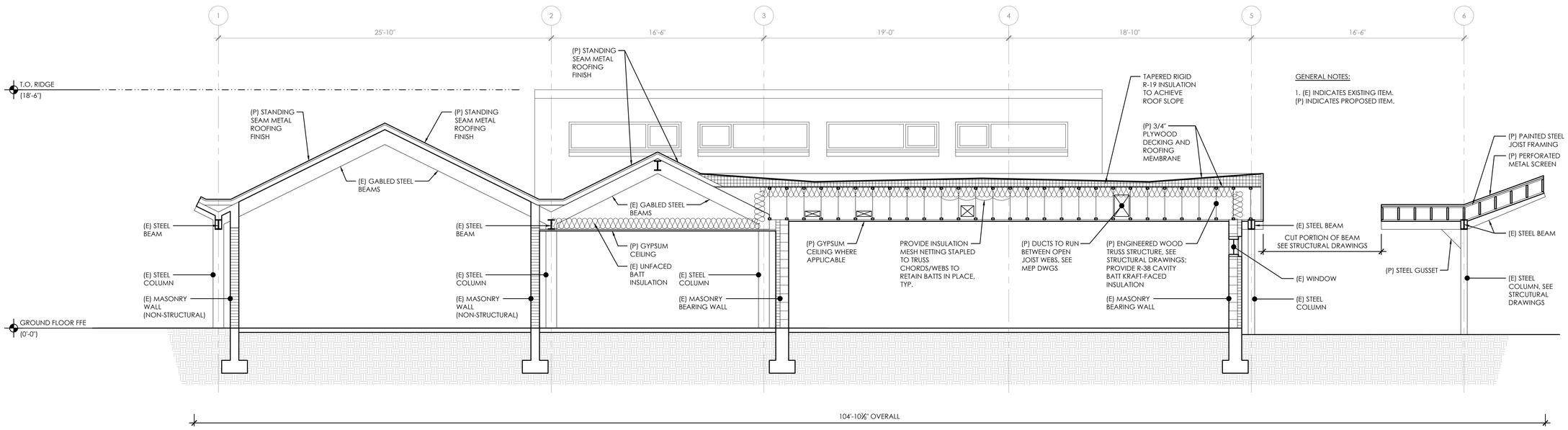
SALT DESIGN STUDIO FILE NO.: 2003



1 PROPOSED
SECTION LOOKING SOUTH
SCALE: 1/4" = 1'-0"



2 PROPOSED
SECTION LOOKING SOUTH
SCALE: 1/4" = 1'-0"



GENERAL NOTES:

1. (E) INDICATES EXISTING ITEM.
(P) INDICATES PROPOSED ITEM.

3 PROPOSED
SECTION LOOKING WEST
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS

CLIENT:
PHILADELPHIA PARKS & RECREATION
FIND YOUR PATH
Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
ZIEHLER PLAYGROUND & RECREATION CENTER
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BETHLEHEM, PA 18018
www.dhuy.com

DRAWING PHASE:
ISSUE FOR BIDDING

SEAL:
REGISTERED ARCHITECT PENNSYLVANIA

SHEET TITLE:
EXISTING BUILDING PROPOSED BUILDING SECTIONS

REV	DATE	DESCRIPTION

SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY:
CHECKED BY:

SHEET NUMBER:
A3.00

SALT DESIGN STUDIO FILE NO.: 2003

0' 2' 4' N

DOOR SCHEDULE

DOOR #	ROOM NAME	DOOR TYPE	DOOR MAT'L	DOOR SIZE	FRAME TYPE	FRAME MAT	H'WARE SET	LOCK SET	RATING	UNDERCUT
GROUND FLOOR										
00	VESTIBULE	(2)FG	IHM	(2)36" x 84"	F1	IHM	HW1	LS1 / LS2 / LS3	-	
01	GYM	EXIST	EXIST	EXIST	EXIST	EXIST	HW6	LS1 / LS3	EXIST	
02	MEN'S TOILET ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	HW5	LS1 / LS2 / LS3	EXIST	
03	WOMEN'S TOILET ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	HW5	LS1 / LS2 / LS3	EXIST	
04	CORRIDOR	FG	W	36" x 84"	F2	HM	HW6B	LS1 / LS2	-	
04A	CORRIDOR	EXIST	EXIST	EXIST	EXIST	EXIST	HW2	LS1 / LS2	EXIST	
05	STAFF OFFICE	EXIST	EXIST	EXIST	EXIST	EXIST	HW6A	LS1	EXIST	
05A	CLOSET	EXIST	EXIST	EXIST	EXIST	EXIST	HW4	LS1	EXIST	
06	JANITOR CLOSET	EXIST	EXIST	EXIST	EXIST	EXIST	HW4	LS1 / LS2	EXIST	REQUIRED (EXISTING)
07	UNISEX TOILET	EXIST	EXIST	EXIST	EXIST	EXIST	HW5A	LS1 / LS2	EXIST	REQUIRED (EXISTING)
08	MULTIPURPOSE ROOM	FG	W	36" x 84"	F3	HM	HW6B	LS1 / LS2	-	
08A	MULTIPURPOSE ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	HW2	LS1 / LS2	EXIST	
09	KITCHEN	EXIST	EXIST	EXIST	EXIST	EXIST	HW6	LS1 / LS2	EXIST	
09A	STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	HW4	LS1	EXIST	
10	LOUNGE	EXIST	EXIST	EXIST	EXIST	EXIST	HW6	LS1*	EXIST	
10A	LOUNGE	EXIST	EXIST	EXIST	EXIST	EXIST	HW7	LS1*	EXIST	
11	STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	HW4	LS1	EXIST	
12	STORAGE ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	HW4	LS1	EXIST	REQUIRED (EXISTING)
13	MECHANICAL ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	HW4	LS1	EXIST	
13A	MECHANICAL ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	HW3	LS1	EXIST	

NOTES:

1. DOOR HARDWARE TO BE DETERMINED BY OWNER.
2. DOOR FINISH DETAILS AND FINISH SPECIFICATIONS TO BE DETERMINED BY OWNER.
3. DOOR FRAME DETAILS TO BE DETERMINED BY OWNER.

KEY:

HM - HOLLOW METAL
IHM - INSULATED HOLLOW METAL
W - WOOD

HARDWARE SETS

HW1 - DOUBLE EGRESS FUNCTION
KEY LOCKABLE OUTSIDE
KEY LOCKABLE INSIDE
ALLOW PANIC BAR LOCK OVERRIDE FROM INSIDE

HW2 - SINGLE EGRESS FUNCTION
KEY LOCKABLE OUTSIDE
KEY LOCKABLE INSIDE
ALLOW PANIC BAR LOCK OVERRIDE FROM INSIDE

HW3 - EXTERIOR DOOR FUNCTION
KEY LOCKABLE OUTSIDE
KEY LOCKABLE INSIDE
ALLOW PASSAGE LOCK OVERRIDE FROM INSIDE

HW4 - STORAGE ROOM FUNCTION
KEY LOCKABLE OUTSIDE
ALLOW PASSAGE LOCK OVERRIDE FROM INSIDE

HW5 - TOILET ROOM FUNCTION
KEY LOCKABLE OUTSIDE
ALLOW PASSAGE LOCK OVERRIDE FROM INSIDE

HW5A - TOILET ROOM FUNCTION (SINGLE)
KEY LOCKABLE OUTSIDE
TURN LOCK INSIDE
ALLOW PASSAGE LOCK OVERRIDE FROM INSIDE

HW6 - CLASSROOM FUNCTION
KEY LOCKABLE OUTSIDE
KEY LOCKABLE INSIDE
ALLOW PASSAGE LOCK OVERRIDE FROM INSIDE

HW6A - OFFICE FUNCTION
KEY LOCKABLE OUTSIDE
TURN LOCK INSIDE
ALLOW PASSAGE LOCK OVERRIDE FROM INSIDE

HW6B - CORRIDOR EGRESS FUNCTION
KEY LOCKABLE OUTSIDE
KEY LOCKABLE INSIDE
ALLOW PANIC BAR OVERRIDE FROM INSIDE

HW7 - DOUBLE DOOR CLASSROOM FUNCTION
KEY LOCKABLE OUTSIDE
KEY LOCKABLE INSIDE
ALLOW PASSAGE BAR OVERRIDE FROM INSIDE

LOCK SETS

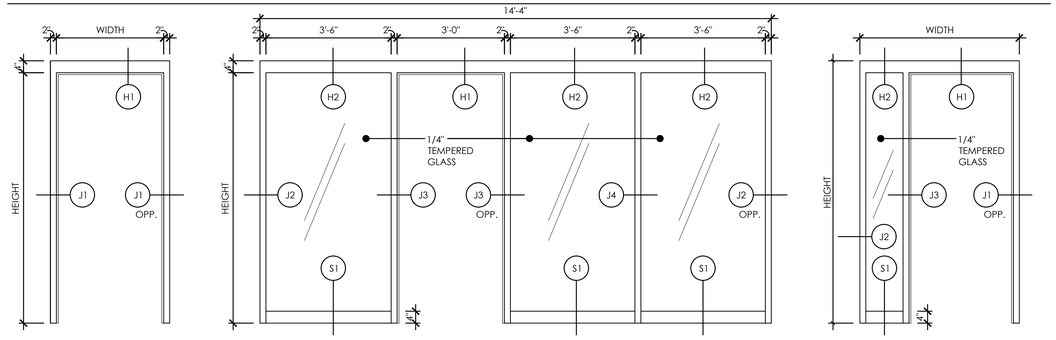
LS1 - MASTER / STAFF KEY

LS2 - PUBLIC / MULTI-PURPOSE ROOM AREA ACCESS KEY

LS3 - PUBLIC / GYM AREA ACCESS KEY

*LOUNGE LS2 ACCESS TO BE DETERMINED BY PPR

FRAME TYPES

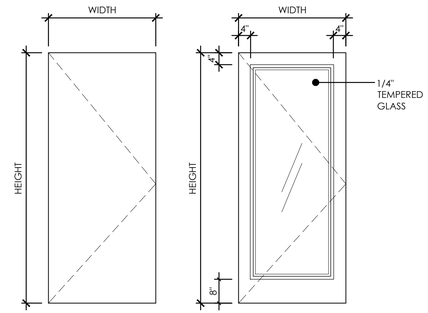


F1 SINGLE / PAIR DOOR FRAME HOLLOW METAL

F2 SINGLE DOOR FRAME HOLLOW METAL

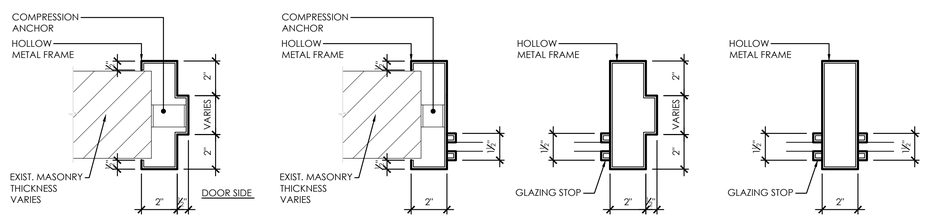
F3 SINGLE DOOR FRAME HOLLOW METAL

DOOR TYPES



F FLUSH DOOR

FG FULL GLASS DOOR

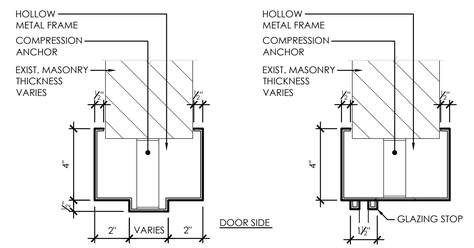


J1 DOOR FRAME

J2 WINDOW FRAME

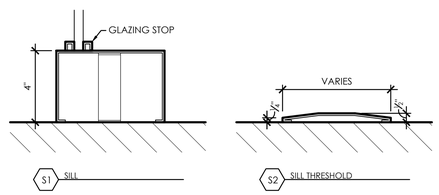
J3 DOOR / WINDOW FRAME

J4 MULLION FRAME



H1 DOOR FRAME

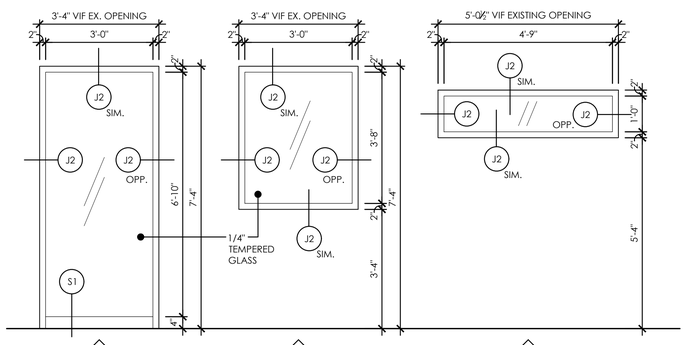
H2 WINDOW FRAME



S1 SILL

S2 SILL THRESHOLD

WINDOW TYPES



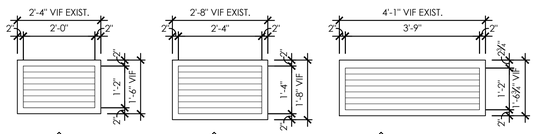
W1 METAL FRAME INFILL WINDOW GYM DOOR INFILL

W2 METAL FRAME INFILL WINDOW STAFF OFFICE CORNER

W3 METAL FRAME DOUBLE PANE WINDOW

TYP. FOR EXTERIOR WINDOWS:
U-FACTOR: 0.29
SHGC: 0.29

LOUVER TYPES



L1 EXTERIOR LOUVER MULTI-PURPOSE ROOM

L2 EXTERIOR LOUVER GYM

L3 EXTERIOR LOUVER MECH. ROOM

WINDOW NOTES:

1. ALL GLAZING SHALL BE TESTED IN ACCORDANCE WITH CPSC 16 CFR 1201.
2. ALL GLAZING MUST PASS THE IMPACT TEST REQUIREMENTS AT 2406.2.
3. SPECIFICATION SHEETS HAVE BEEN PROVIDED FOR THE WINDOW TYPES. THE SHEET IS A GENERAL SHEET THAT ADDRESSES THE MAXIMUM SIZE WINDOW TESTED. IT IS IN THE LOWER SECTION OF THE PROVIDED SECTION OF THE PROVIDED SHEET WITH THE HEADING AAMA/WDMA/CSA101/I.S.2/A440 PER 2009 INTERNATIONAL BUILDING CODE (IBC) SECTION 1405.13 AND 1715.5.1.

GLASS TYPE - 1:

A. GLASS: PROVIDE MANUFACTURER'S STANDARD INSULATED GLASS (3/4" OVERALL). GLAZING SEAL IS SILICONE BEDDING ON EXTERIOR SURFACES AND GLAZING SEAL ON THE INTERIOR OF THE PANEL. ALL GLASS TO COMPLY WITH SAFETY GLAZING REQUIREMENTS OF ANSI Z97.1 AND CPSC 16CFR 1201.
   1. LOW-E 272 (ARGON FILLED)
   2. CLEAR INSULATED.

CONSTRUCTION DOCUMENTS

CLIENT:
PHILADELPHIA PARKS & RECREATION
FIND YOUR PATH
Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
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BETHLEHEM, PA 18018
www.dhuy.com

DRAWING PHASE:
ISSUE FOR BIDDING

SEAL:
REGISTERED ARCHITECT PENNSYLVANIA IAN SMITH

SHEET TITLE:
PROPOSED DOOR AND WINDOW DETAILS AND SCHEDULES

REV	DATE	DESCRIPTION

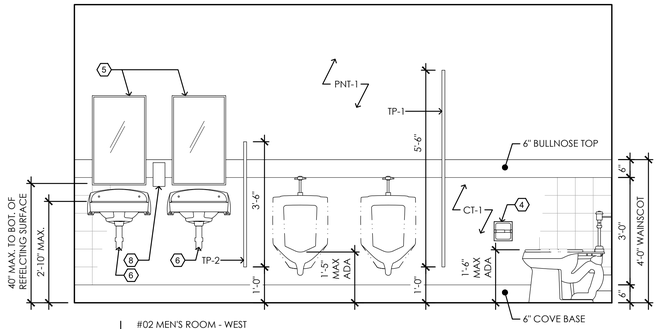
SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY:
CHECKED BY:

SHEET NUMBER:
A6.00

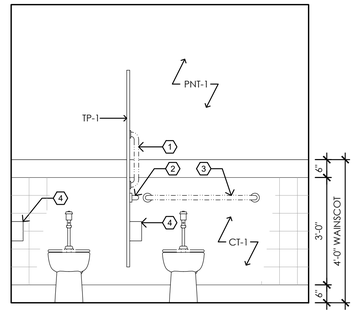
SALT DESIGN STUDIO FILE NO.: 2003

0' 2' 4'

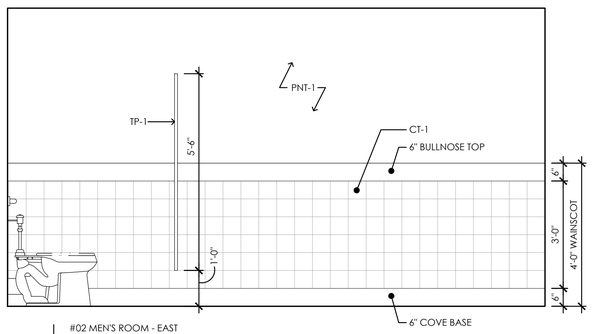
N



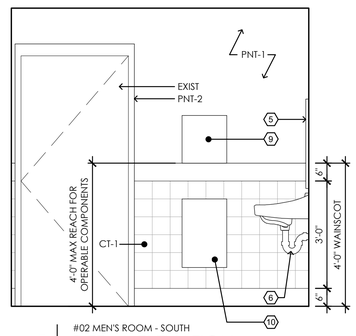
2 #02 MEN'S ROOM - WEST
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



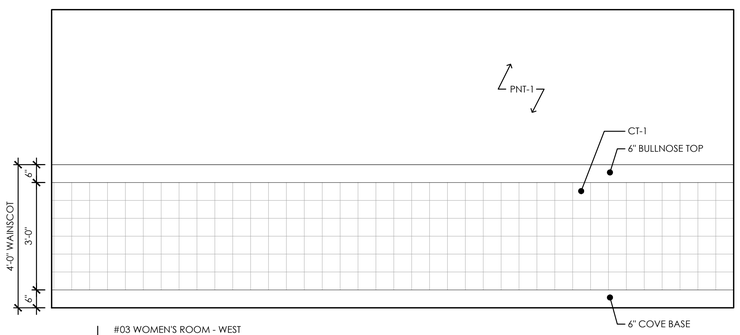
3 #02 MEN'S ROOM - NORTH
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



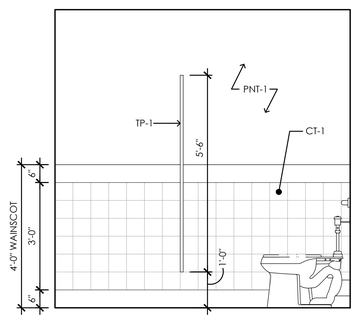
4 #02 MEN'S ROOM - EAST
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



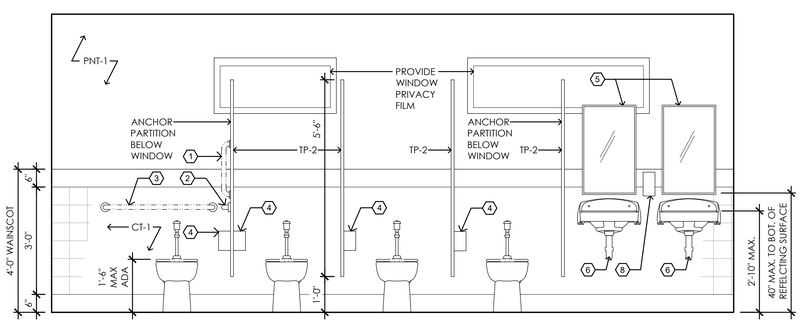
5 #02 MEN'S ROOM - SOUTH
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



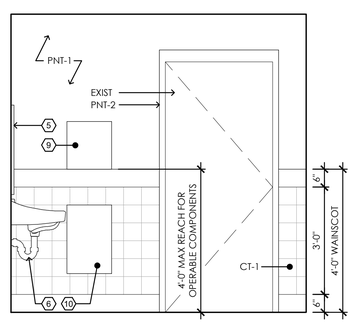
6 #03 WOMEN'S ROOM - WEST
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



7 #03 WO MEN'S ROOM - NORTH
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



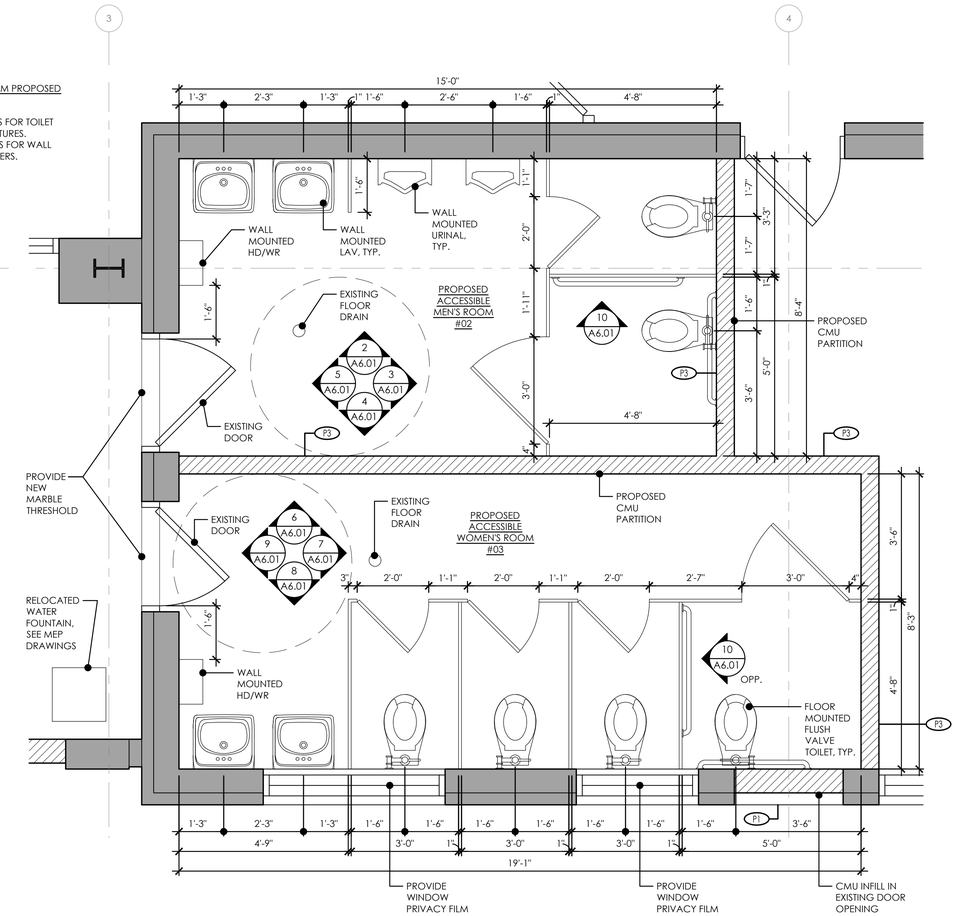
8 #03 WOMEN'S ROOM - EAST
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



9 #03 WOMEN'S ROOM - SOUTH
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"

GENERAL TOILET ROOM PROPOSED WORK NOTES

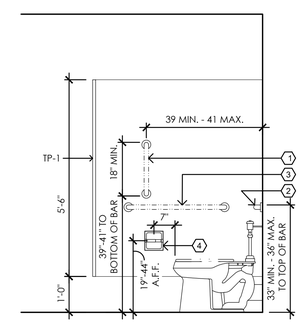
1. SEE MEP DRAWINGS FOR TOILET ROOM PLUMBING FIXTURES.
2. SEE MEP DRAWINGS FOR WALL MOUNTED HAND DRYERS.



1 PROPOSED TOILET ROOM
DETAIL PLAN
SCALE: 1/2" = 1'-0"

TOILET ROOM ACCESSORIES SCHEDULE

NUMBER #	DESCRIPTION
1	GRAB BAR 18" SIDE VERTICAL MOUNT (GB-1)
2	GRAB BAR 36" REAR MOUNT (GB-2)
3	GRAB BAR 42" SIDE MOUNT (GB-3)
4	SURFACE-MOUNTED TOILET TISSUE DISPENSER (TTD)
5	18" X 30" MIRROR UNIT (MU)
6	UNDERLAVATORY PROTECTIVE PIPE GUARD (PG)
7	TOWEL PIN (TP)
8	SURFACE-MOUNTED LIQUID SOAP DISPENSER (SD)
9	SURFACE-MOUNTED HAND DRYER (HD)
10	SEMI-RECESSED WASTE RECEPTACLE (WR)



10 TYPICAL ADA MOUNTING
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"

CONSTRUCTION DOCUMENTS

CLIENT:
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
ZIEHLER PLAYGROUND & RECREATION CENTER
200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:
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DRAWING PHASE:
ISSUE FOR BIDDING

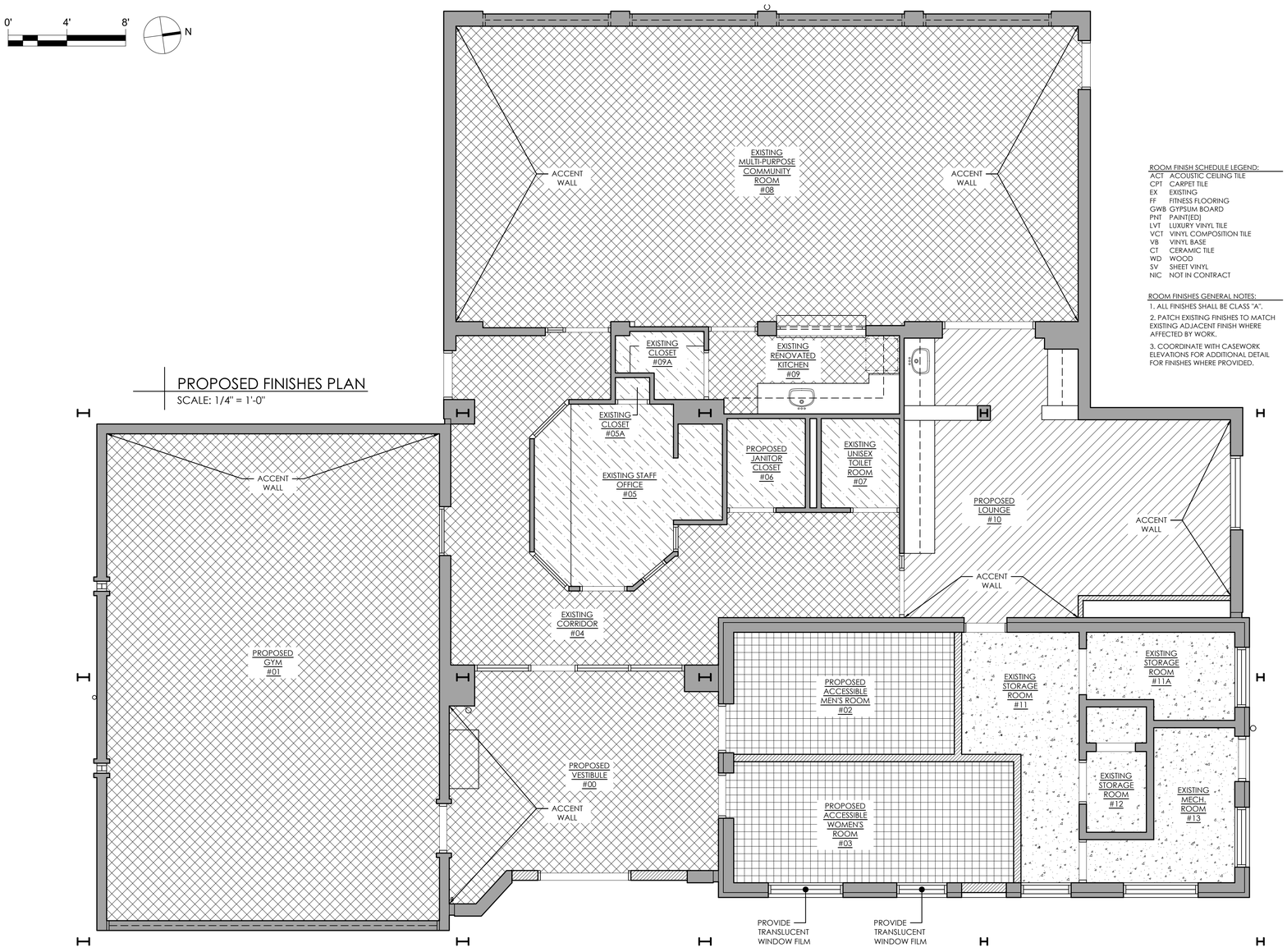
SEAL:
REGISTERED ARCHITECT PENNSYLVANIA

SHEET TITLE:
PROPOSED TOILET ROOM DETAILS AND SCHEDULES

REV	DATE	DESCRIPTION

SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY:
CHECKED BY:
SHEET NUMBER:
A6.01

SALT DESIGN STUDIO FILE NO.: 2003



PROPOSED FINISHES PLAN

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

ROOM FINISH SCHEDULE LEGEND:

ACT	ACOUSTIC CEILING TILE
CPT	CARPET TILE
EX	EXISTING
FF	FITNESS FLOORING
GWB	GYPSUM BOARD
PNT	PAINT(ED)
LVT	LUXURY VINYL TILE
VCT	VINYL COMPOSITION TILE
VB	VINYL BASE
CT	CERAMIC TILE
WD	WOOD
SV	SHEET VINYL
NIC	NOT IN CONTRACT

ROOM FINISHES GENERAL NOTES:

1. ALL FINISHES SHALL BE CLASS "A".
2. PATCH EXISTING FINISHES TO MATCH EXISTING ADJACENT FINISH WHERE AFFECTED BY WORK.
3. COORDINATE WITH CASEWORK ELEVATIONS FOR ADDITIONAL DETAIL FOR FINISHES WHERE PROVIDED.

FINISHES SCHEDULE

ROOM #	ROOM NAME	WALL				DOOR		FLOOR	WALL BASE	CEILING
		NORTH	EAST	SOUTH	WEST	FR.	PAN.			
GROUND FLOOR										
00	VESTIBULE	PNT-1	PNT-1	PNT-1	PNT-1	PNT-2	PNT-3/ WD	VCT-1	VB-1	PNT-4
01	GYM	PNT-1/ BRICK	PNT-1/ BRICK	PNT-1/ BRICK	PNT-1/ BRICK	PNT-2	EXIST	VCT-1	VB-1	PNT-4
02	MEN'S TOILET ROOM	PNT-1/ WT-1	PNT-1/ WT-1	PNT-1/ WT-1	PNT-1/ WT-1	PNT-2	EXIST	CT-1	VB-1	PNT-4
03	WOMEN'S TOILET ROOM	PNT-1/ WT-1	PNT-1/ WT-1	PNT-1/ WT-1	PNT-1/ WT-1	PNT-2	EXIST	CT-1	VB-1	PNT-4
04	CORRIDOR	PNT-1	PNT-1	PNT-1	PNT-1	PNT-2	EXIST	VCT-1	VB-1	PNT-4
05	STAFF OFFICE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (VCT)	EXIST	PNT-4
05A	CLOSET	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (VCT)	EXIST	EXIST
06	JANITOR CLOSET	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (VCT)	EXIST	PNT-4
07	UNISEX TOILET	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (VCT)	EXIST	PNT-4
08	MULTIPURPOSE ROOM	PNT-1	PNT-1	PNT-1	PNT-1	PNT-2	PNT-3/ WD	VCT-1	VB-1	EXIST
09	KITCHEN	PNT-1	PNT-1	PNT-1	PNT-1	PNT-2	PNT-3/ WD	VCT-1	VB-1	PNT-4
09A	STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (VCT)	EXIST	EXIST
10	LOUNGE	PNT-1	PNT-1	PNT-1	PNT-1	PNT-2	PNT-3/ WD	CPT-1	VB-2	PNT-4
11	STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (CONC)	EXIST	EXIST
11A	STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (CONC)	EXIST	EXIST
12	UTILITY TOILET	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (CONC)	EXIST	EXIST
13	MECHANICAL ROOM	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST (CONC)	EXIST	EXIST

PAINTING INSTRUCTIONS

1. ALL DUST, DIRT, RUST, SCALE, ERECTION MARKS, ETC SHALL BE REMOVED FROM METAL WORK BEFORE APPLYING PRIMER OR PAINT.

2. WOOD & METAL SURFACES TO BE FINISHED SHALL BE SANDED SMOOTH. ALL NAIL HOLES, INTERSECTIONS & JOINTS SHALL BE PUTTIED FLUSH WITH ADJOINING SURFACES.

3. WOODWORK SHALL BE SANDED BEFORE EACH COAT IS APPLIED. ALWAYS APPLY PUTTY AFTER FIRST COAT OF PAINT.

4. SPACKLE ALL DENTS, HOLES, CRACKS ETC IN GYPSUM AND/OR PLASTER WORK BEFORE APPLYING FINISH, IN EXISTING AND NEW AREAS.

5. ALL SAP WOOD & KNOTS SHALL RECEIVE A THIN COAT OF SHELLAQE BEFORE PRIMING.

6. BACK PRIME ALL SURFACES THAT WILL BE CONCEALED OR INACCESSABLE INCLUDING BUT NOT LIMITED TO MULLINS, TRIM, WOODWORK, CABINETS, ETC.

7. ALL FRAMES TO BE PAINTED WITH PAINT FINISH PNT-3

8. ALL NOTED PAINTED TRIM TO BE PAINTED WITH PAINT FINISH PNT-3

FINISH SPEC. & NOTES

1. USE ONLY PREMIUM GRADE PAINT. FILL WITH ONLY BLOCK FILLERS AND PRIME ALL SURFACES BEFORE APPLYING TWO FINISH COATS.

2. PRIME ALL NEW GWB AND PLASTER SURFACES. SPOT PRIME ALL TAPED JOINTS & SPACKLED SCREW HEADS AT GWB PRIOR TO APPLYING THE THREE SPECIFIED COATS. APPLY 2 FINISH COATS TO ALL PAINTED SURFACES.

3. PRIME AND PAINT METAL ACCESS PANELS, COLOR TO MATCH WALLS. PRIME WITH OIL BASED RUST INHIBITING F&H PRIMER. DO NOT PAINT STAINLESS STEEL PANELS.

6. DO NOT PAINT EMERGENCY DEVICES OR FIRE ENUNCIATOR PANELS.

8. PROVIDE ATTIC STOCK FOR ALL FINISHES MATERIALS INCLUDING ACT AND INCLUDING BUT NOT LIMITED TO: (1) GALLON UNOPENED CONTAINER OF EACH PAINT COLOR, 50 SQ FT MIN OF EACH VCT, 12 SQUARE YARDS OF EACH CARPET, 50 SF MIN OF ACT, 20SF OF EACH TILE (1) UNOPENED GALLON CONTAINER OF EACH PRIMER. CLEARLY LABEL ALL ATTIC STOCK TO MATCH SYMBOL LEGEND.

9. VINYL BASE IS TO BE ROLL GOODS, NO SEAMS PERMITTED.

10. PROVIDE AND INSTALL VINYL REDUCER STRIP AT JOINTS BETWEEN CARPET AND CONCRETE, CONCRETE AND VINYL, CARPET AND VINYL, ETC. COLOR TO BE SELECTED BY ARCHITECT. PROVIDE VINYL TRANSITION STRIPS BETWEEN TILE AND CARPET.

11. THE CONTRACTOR IS RESPONSIBLE FOR THE APPLICATION OF ALL SEALERS AND WAXES TO TILE, SHEET VINYL AND VCT PER MANUFACTURES SPECIFICATIONS.

12. ALL FLOOR TILE IS TO MEET ADA COEFFICIENTS FOR FRICTION.

13. STAIN GRADE WOOD TRIM : NO KNOTS, NO FILLERS, NO VARIATION IN COLOR. ALL JOINING PIECES SHALL BE BISCUITED TOGETHER AND HAVE SIMILAR GRAIN PATTERN. IN AREAS WHERE BLOCKING CAN NOT BE INSTALLED, COUNTER SINK FASTENERS AND FILL HOLES WITH PLUGS MADE FROM SAME WOOD SPECIES AND SIMILAR GRAIN. PLUGS GRAIN SHOULD BE ORIENTED TO ALIGN WITH TRIMS GRAIN.

14. WOOD TRIM THAT IS RECEIVING POLYURETHANE WILL GET 2-COATS AND BE APPLIED PER MANUFACTURES RECOMMENDATIONS.

15. FURNITURE AND EQUIPMENT THAT IS NOT MILLWORK (CHAIRS, TABLES, DESKS, FILES, SHELVING, COPIER) ARE TO BE PROVIDED BY OWNER, UNLESS NOTED OTHERWISE.

16. APPLIANCES (REFRIGERATOR ETC.) ARE EXISTING AND TO BE PROVIDED BY OWNER.

17. AT CASEWORK, TILE BASE IS FLUSH WITH P-LAM, A COVE AT FLOOR AND A SQUARE AT TOP, IN VESTIBULE USE BULLNOSE AT TOP, AND A SQUARE EDGE AT FLOOR. USE MANUFACTURED TILE SPECIFICALLY FOR INSIDE AND OUTSIDE CORNERS.

18. INSTALL ALL FINISH FLOORING PER MANUFACTURERS RECOMENDATIONS. GENERAL CONTRACTOR TO PERFORM MOISTURE TESTS TO ALL NEW CONCRETE WORK PRIOR TO INSTALLING FINISH FLOORING. MOISTURE TESTS TO BE CONDUCTED PER MANUFACTURERS RECOMENDATIONS.

19. CONCRETE SURFACE TO BE FINISHED PER FINISH FLOORING MANUFACTURER'S REQUIREMENTS.

20. USE ONLY FLOORING & ADHESIVES PROVIDED BY THE FINISH FLOORING MANUFACTURER FOR THE MATERIAL BEING INSTALLED.

21. FINAL FINISHES AND FURNISHINGS TO BE CONFIRMED BY OWNER PRIOR TO PURCHASE.

MATERIALS SCHEDULE LEGEND

SYMBOL	MATERIAL	MANUFACTURER	NOTE	SYMBOL	MATERIAL	MANUFACTURER	NOTE	SYMBOL	MATERIAL	MANUFACTURER	NOTE
-	EXISTING VINYL TILE	EXISTING		VB-2	VINYL BASE	MFGR: JOHNSONITE STYLE : 4" TRAD. VINYL TOELESS BASE COLOR : 192 TIDEWATER	FLAMESPREAD = 82 SMOKE DEVELOPMENT = 420	PNT-1	WALL PAINT (TYPICAL)	MFGR: SHERWIN WILLIAMS FINISH: SEMI-GLOSS COLOR: SW6385 DOVER WHITE	FLAME SPREAD = 8
VCT-1	VINYL TILE	MFGR: ARMSTRONG STYLE : 12"x12" STANDARD EXCELON COLOR : FAIRE WHITE 52520	FLAMESPREAD = 82 SMOKE DEVELOPMENT = 420	WT-1	CERAMIC WALL TILE	MFGR: AMERICAN OLEAN OR EQ. STYLE: BRIGHT & MATTE, 6"X6", 3/16" COLOR: ALMOND 0087	* ROUNDED EDGES AT ALL OUTSIDE CORNERS.	PNT-2	WALL PAINT (DOOR)	MFGR: SHERWIN WILLIAMS FINISH: EGGSHELL COLOR: SW6497 BLUE HORIZON	FLAME SPREAD = 8
-	EXISTING CONCRETE	EXISTING		L-1	CASEWORK COUNTERTOP	MFGR: DUPONT STYLE : CORIAN QUARTZ, MATTE COLOR : CARBON CEMENT	PASSES ASTM E-648 CLASS 1 EXCEEDS REQUIREMENT OF ASTM E SMOKE < 450	PNT-3	WALL PAINT (FRAME)	MFGR: SHERWIN WILLIAMS FINISH: EGGSHELL COLOR: SW6500 OPEN SEAS	FLAME SPREAD = 8
CT-1	CERAMIC FLOOR TILE	MFGR: AMERICAN OLEAN OR EQ. STYLE: UNGLAZED MOSAICS, 2"X2", 3/16", COLOR: BUFF GRANITE 0A52	* ROUNDED EDGES AT ALL OUTSIDE CORNERS. SLIP RESISTANT TOP SURFACE, AND INTEGRATED COVE AT FLOOR BASE	L-2	CASEWORK FINISHED VERTICAL FACING	SOLID HARD MAPLE, STAINED	PASSES ASTM E-648 CLASS 1 EXCEEDS REQUIREMENT OF ASTM E SMOKE < 450	PNT-4	WALL PAINT (CEILING)	MFGR: SHERWIN WILLIAMS FINISH: EGGSHELL COLOR: SW6385 DOVER WHITE	FLAME SPREAD = 8
CPT-1	CARPET TILE	MFGR: SHAW CONTRACT STYLE: 2'X2', PURPOSE 5T209, 1/4" COLOR: SKYLIGHT 08530, ASHLAR		SS-1	STANDING SEAM ROOFING	MFGR: MBCI STYLE : ULTRA-DEK, 24" COLOR : HAWAIIAN BLUE		PNT-5	ACCENT WALL PAINT	MFGR: SHERWIN WILLIAMS FINISH: MATTE COLOR: SW6401 INDEPENDENT GOLD	FLAME SPREAD = 8
				PM-1	PERFORATED METAL SCREENING	MFGR: McNICHOLS; STYLE: 1634011641 PERF. METAL ROUND, CARBON STEEL, COLD ROLLED, 16GA, 3/4" ROUND ON 1" CENTERS, 51% OPEN; COLOR: PAINT PNT-8		PNT-6	EXTERIOR WALL PAINT (FIELD)	MFGR: SHERWIN WILLIAMS FINISH: MATTE COLOR: SW6400 LUCENT YELLOW	FLAME SPREAD = 8
CTB-1	CERAMIC TILE BASE	MFGR: AMERICAN OLEAN OR EQ. STYLE: BRIGHT & MATTE, 6"X6", 3/16" COLOR: ALMOND 0087	* ROUNDED EDGES AT ALL OUTSIDE CORNERS. SLIP RESISTANT TOP SURFACE, AND INTEGRATED COVE AT FLOOR BASE	PF-1	PRIVACY FILM	MFGR: ULINE STYLE : S-18274 COLOR : FROSTED WHITE		PNT-7	EXTERIOR WALL PAINT (STRIPE)	MFGR: SHERWIN WILLIAMS FINISH: MATTE COLOR: SW6401 INDEPENDENT GOLD	FLAME SPREAD = 8
VB-1	VINYL BASE	MFGR: JOHNSONITE STYLE : 4" TRAD. VINYL COVE BASE COLOR : 192 TIDEWATER	FLAMESPREAD = 82 SMOKE DEVELOPMENT = 420					PNT-8	EXTERIOR WALL PAINT (FRAMES AND METALS)	MFGR: SHERWIN WILLIAMS FINISH: EGGSHELL COLOR: SW6500 OPEN SEAS	FLAME SPREAD = 8

CONSTRUCTION DOCUMENTS

CLIENT:

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:

ZIEHLER PLAYGROUND & RECREATION CENTER

200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:

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DRAWING PHASE:

ISSUE FOR BIDDING

SEAL:

REGISTERED ARCHITECT PENNSYLVANIA

SHEET TITLE:

EXISTING BUILDING PROPOSED FINISHES PLAN

REV	DATE	DESCRIPTION

SCALE: AS NOTED

DATE: 08/15/2022

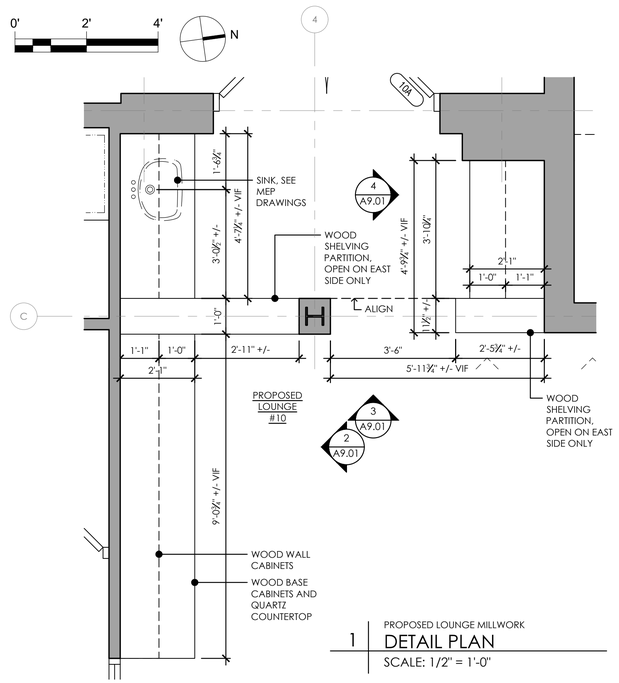
DRAWN BY:

CHECKED BY:

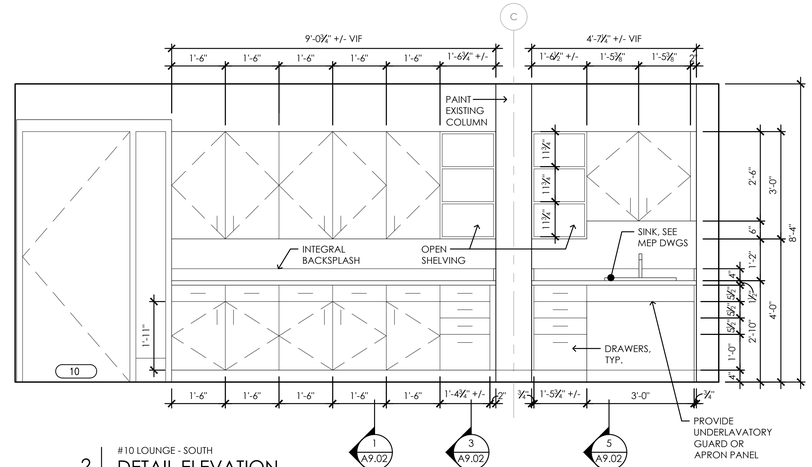
SHEET NUMBER:

A9.00

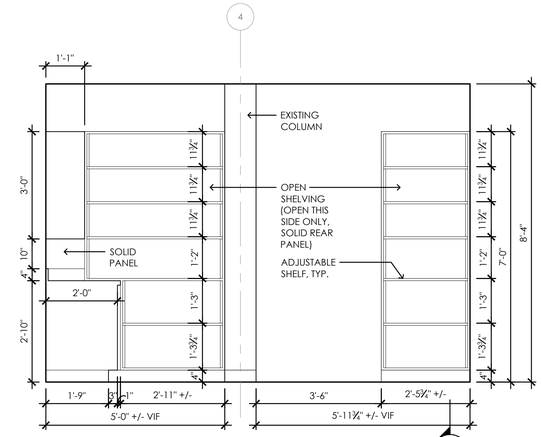
SALT DESIGN STUDIO FILE NO.: 2003



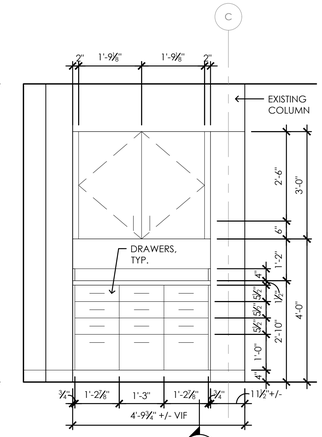
1 PROPOSED LOUNGE MILLWORK
DETAIL PLAN
SCALE: 1/2" = 1'-0"



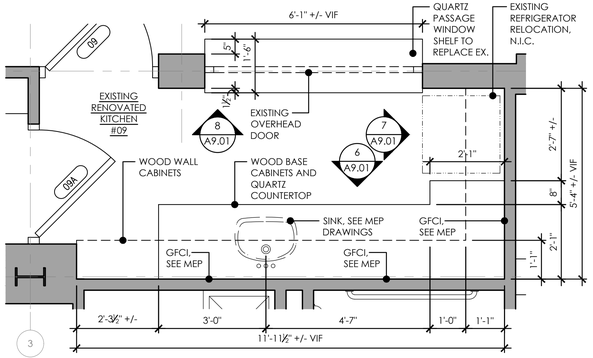
2 #10 LOUNGE - SOUTH
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



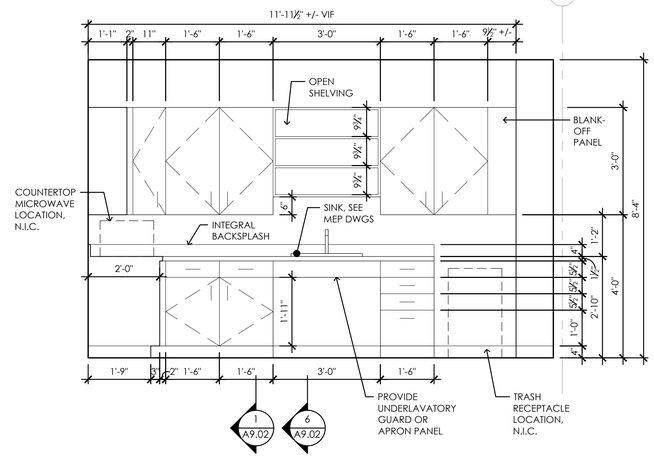
3 #10 LOUNGE - WEST
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



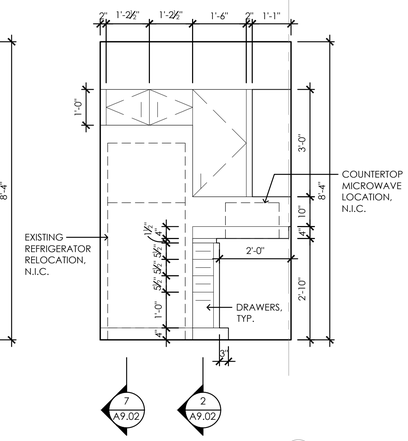
4 #10 LOUNGE - NORTH
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



5 PROPOSED KITCHEN MILLWORK
DETAIL PLAN
SCALE: 1/2" = 1'-0"



6 #09 KTCHEN - EAST
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



7 #09 KTCHEN - NORTH
DETAIL ELEVATION
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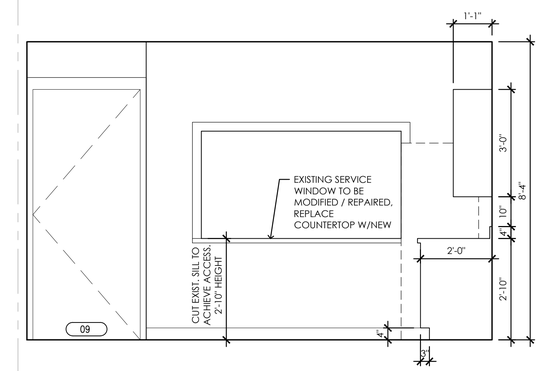

8 #09 KTCHEN - WST
DETAIL ELEVATION
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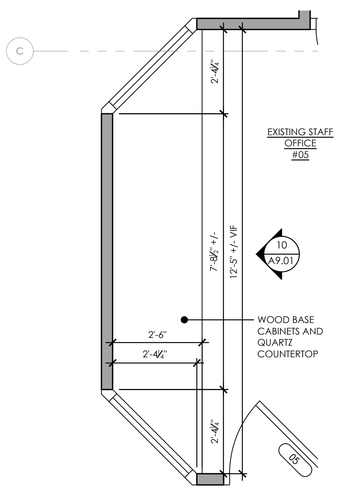
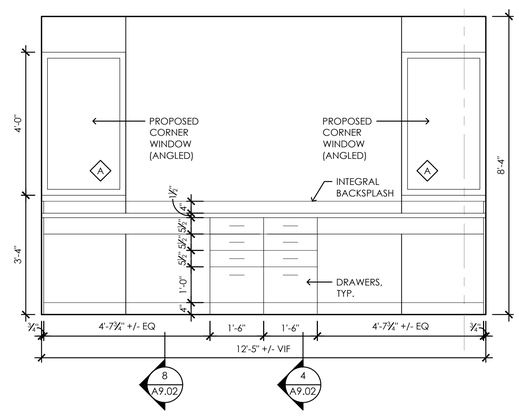


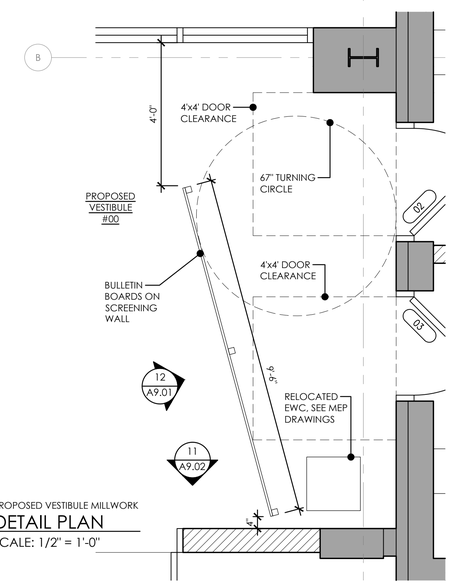
GENERAL NOTES

1. REFER TO SPEC SECTION 064100 FOR CASEWORK, TYP.

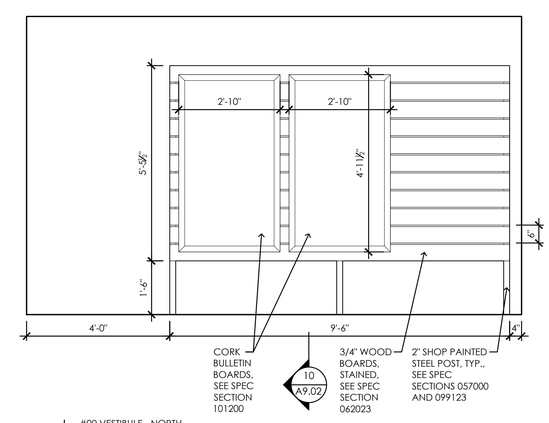
9 PROPOSED STAFF OFFICE MILLWORK
DETAIL PLAN
SCALE: 1/2" = 1'-0"



10 #05 STAFF OFFICE - SOUTH
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



11 PROPOSED VESTIBULE MILLWORK
DETAIL PLAN
SCALE: 1/2" = 1'-0"



12 #00 VESTIBULE - NORTH
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"

CONSTRUCTION DOCUMENTS

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EXISTING BUILDING PROPOSED MILLWORK ELEVATIONS

REV	DATE	DESCRIPTION

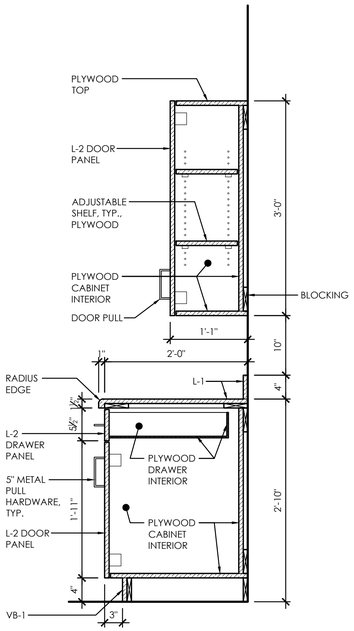
SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY:
CHECKED BY:

SHEET NUMBER:
A9.01

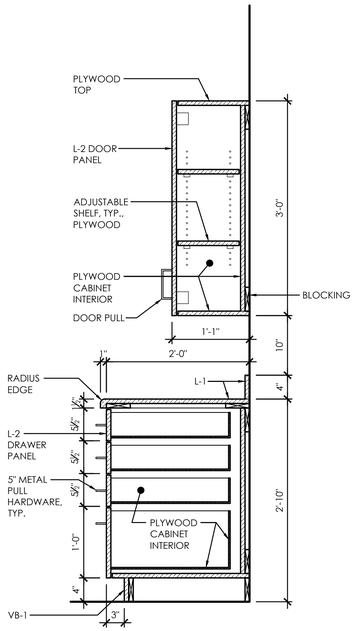
SALT DESIGN STUDIO FILE NO.: 2003

0' 1' 2'

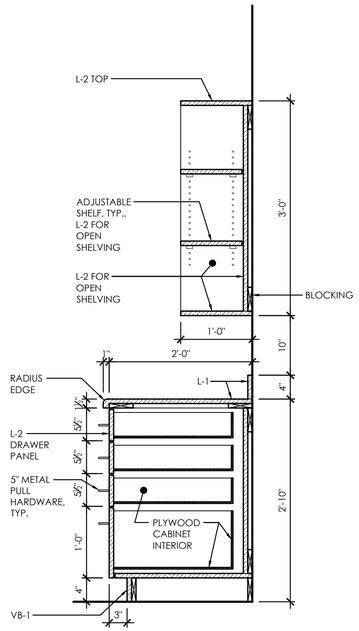
1" = 1'-0"



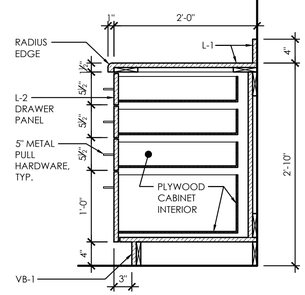
1 DOOR BASE CABINET / DOOR WALL CABINET
DETAIL SECTION
SCALE: 1" = 1'-0"



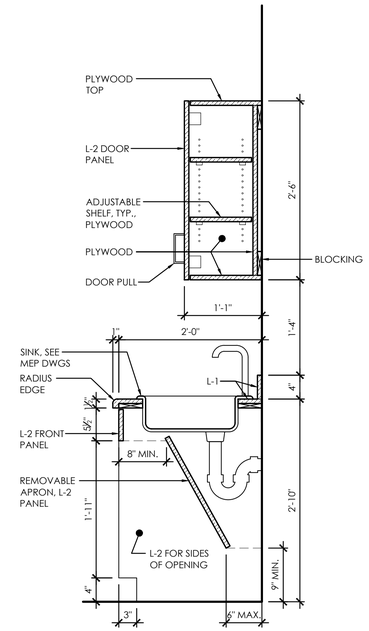
2 DRAWER BASE CABINET / DOOR WALL CABINET
DETAIL SECTION
SCALE: 1" = 1'-0"



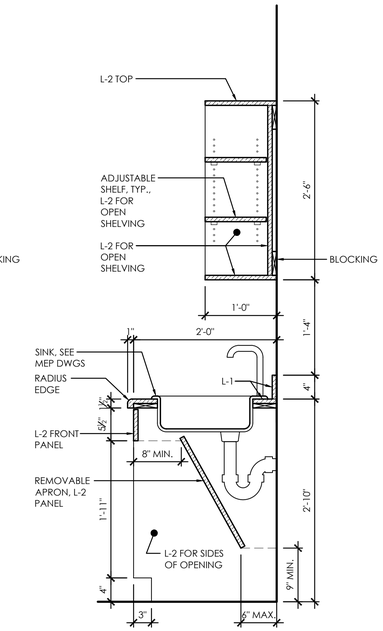
3 DRAWER BASE CABINET / OPEN WALL CABINET
DETAIL SECTION
SCALE: 1" = 1'-0"



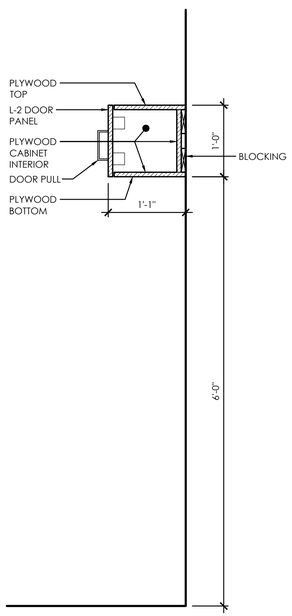
4 DRAWER BASE CABINET
DETAIL SECTION
SCALE: 1" = 1'-0"



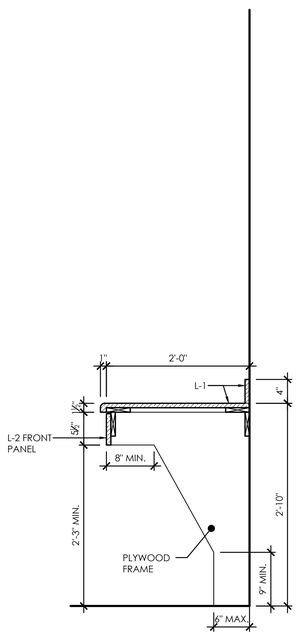
5 SINK BASE CABINET / SINK WALL CABINET
DETAIL SECTION
SCALE: 1" = 1'-0"



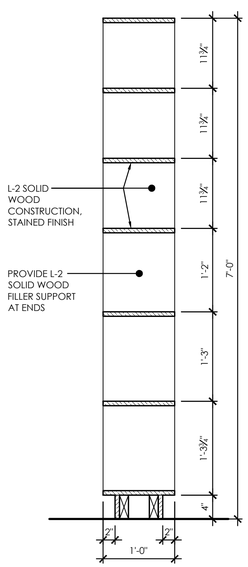
6 SINK BASE CABINET / OPEN SINK WALL CABINET
DETAIL SECTION
SCALE: 1" = 1'-0"



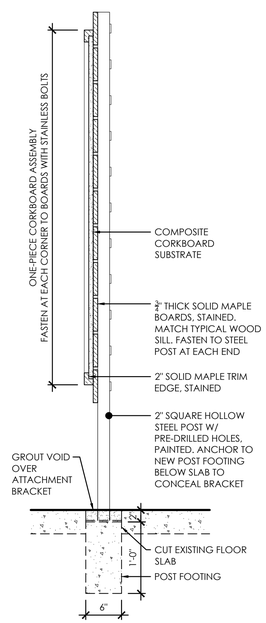
7 FRIDGE WALL CABINET
DETAIL SECTION
SCALE: 1" = 1'-0"



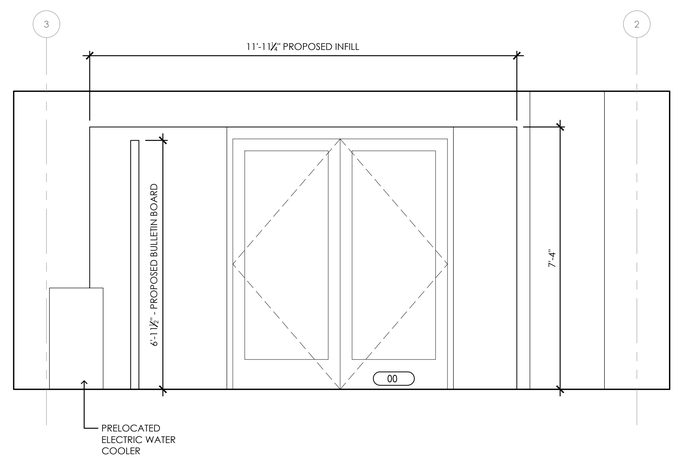
8 DESK SUPPORT
DETAIL SECTION
SCALE: 1" = 1'-0"



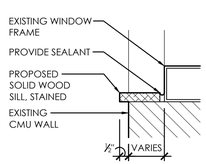
9 BOOK SHELF PARTITION
DETAIL SECTION
SCALE: 1" = 1'-0"



10 BULLETIN BOARD
DETAIL SECTION
SCALE: 1" = 1'-0"



11 #00 VESTIBULE - EAST
DETAIL ELEVATION
SCALE: 1/2" = 1'-0"



12 WOOD SILL
DETAIL SECTION
SCALE: 3" = 1'-0"

GENERAL NOTES

1. REFER TO SPEC SECTION 064100 FOR CASEWORK, TYP.

MATERIALS LEGEND

SYMBOL	MATERIAL	MANUFACTURER
VB-1	VINYL BASE	MFGR: JOHNSONITE STYLE : 4" TRAD. VINYL COVE BASE COLOR : 192 TIDEWATER
L-1	CASEWORK COUNTERTOP	MFGR: DUPONT STYLE : CORIAN QUARTZ, MATTE COLOR : CARBON CEMENT
L-2	CASEWORK FINISHED VERTICAL FACING	SOLID HARD MAPLE, STAINED

CONSTRUCTION DOCUMENTS

CLIENT:

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

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ZIEHLER PLAYGROUND & RECREATION CENTER

200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:

16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:

SALT DESIGN STUDIO
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161 LEVERINGTON AVE, SUITE 1005
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DRAWING PHASE:

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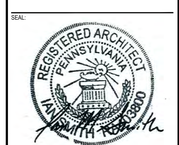
SEAL:



SHEET TITLE:

EXISTING BUILDING PROPOSED MILLWORK DETAILS

REV	DATE	DESCRIPTION

SCALE: AS NOTED

DATE: 08/15/2022

DRAWN BY:

CHECKED BY:

SHEET NUMBER:

A9.02

SALT DESIGN STUDIO FILE NO.: 2003

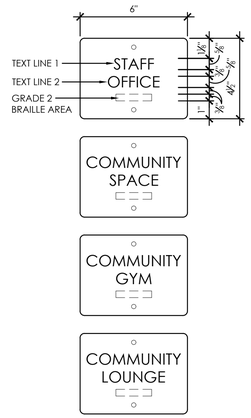
0' 4" 8"

3" = 1'-0"

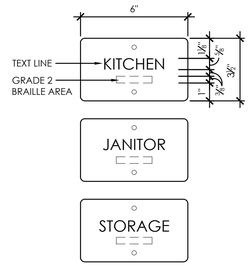
SIGN SCHEDULE				
REF. DOOR #	SIGN TEXT	SIGN ROOM NUMBER	SIGN TYPE	PICTOGRAM
GROUND FLOOR				
01	COMMUNITY GYM	N/A	A	N/A
02	MEN'S RESTROOM	N/A	C	MALE / WHEELCHAIR
03	WOMEN'S RESTROOM	N/A	C	FEMALE / WHEELCHAIR
05	STAFF OFFICE	N/A	A	N/A
06	JANITOR	N/A	B	N/A
07	RESTROOM	N/A	D	MALE / FEMALE / WHEELCHAIR
08	COMMUNITY SPACE	N/A	A	N/A
09	KITCHEN	N/A	B	N/A
10	COMMUNITY LOUNGE	N/A	A	N/A
10A	COMMUNITY LOUNGE	N/A	A	N/A
10A (REVERSE)	COMMUNITY SPACE	N/A	A	N/A
11	STORAGE	N/A	B	N/A

SIGNAGE TYPES - 3" = 1'-0"

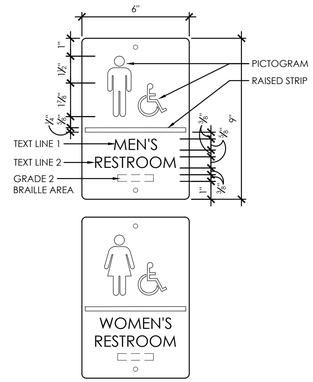
SIGN TYPE A
TWO-LINE
TEXT



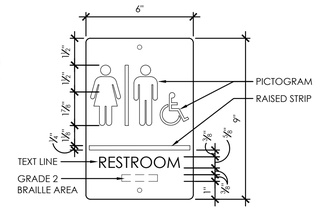
SIGN TYPE B
ONE-LINE
TEXT



SIGN TYPE C
PICTOGRAM
TWO-LINE
TEXT



SIGN TYPE D
PICTOGRAM
ONE-LINE
TEXT



SIGNAGE GENERAL NOTES:

1. COORDINATE WITH SPEC SECTION 101423.

2. ALL SIGNS TO FEATURE RAISED TEXT AND PICTOGRAMS WITH LIGHT CONTRASTING COLOR TO DARK BACKGROUND.

3. ALL SIGNS TO FEATURE GRADE 2 BRAILLE.

4. SIGN MATERIAL TO BE ACRYLIC WITH SECURITY FASTENERS.

5. PPR TO FINALIZE ALL SIGNAGE CONTENT.

CONSTRUCTION DOCUMENTS

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DRAWING PHASE:

ISSUE FOR BIDDING

SEAL:

SHEET TITLE:

SIGNAGE SCHEDULE

REV	DATE	DESCRIPTION

SCALE: AS NOTED

DATE: 08/15/2022

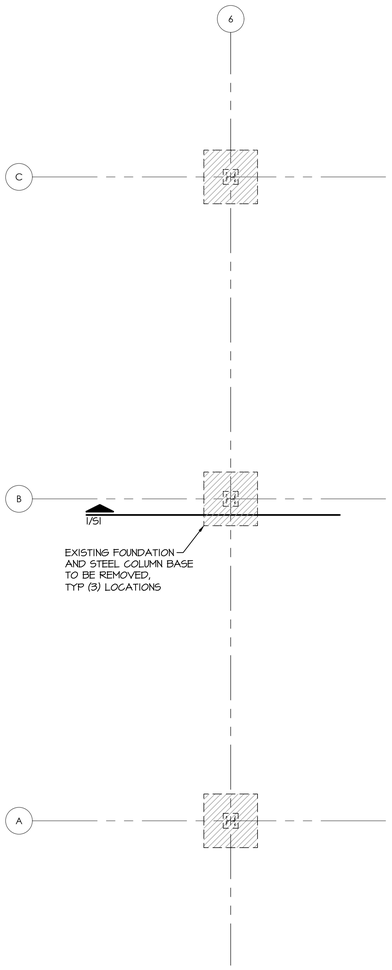
DRAWN BY:

CHECKED BY:

SHEET NUMBER:

A9.03

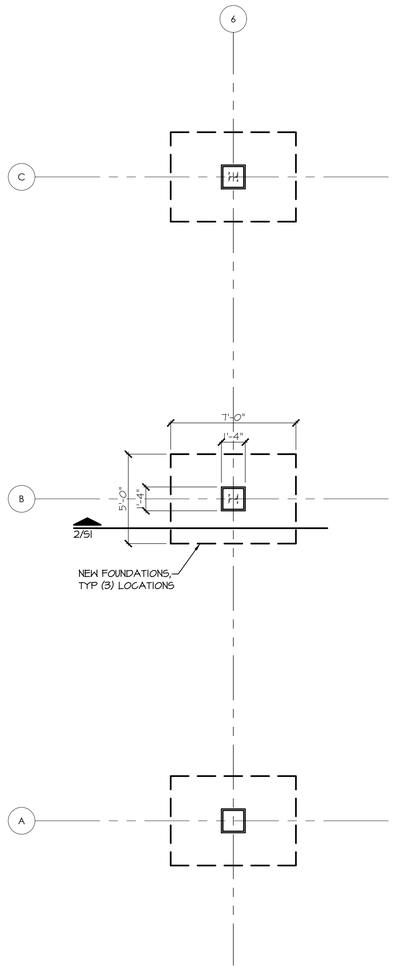
SALT DESIGN STUDIO FILE NO.: 2003



EXISTING FOUNDATION PLAN

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

1. ALL FOUNDATION DIMENSIONS SHOWN ARE ESTIMATES. FOUNDATIONS ARE NOT CURRENTLY OBSERVABLE.

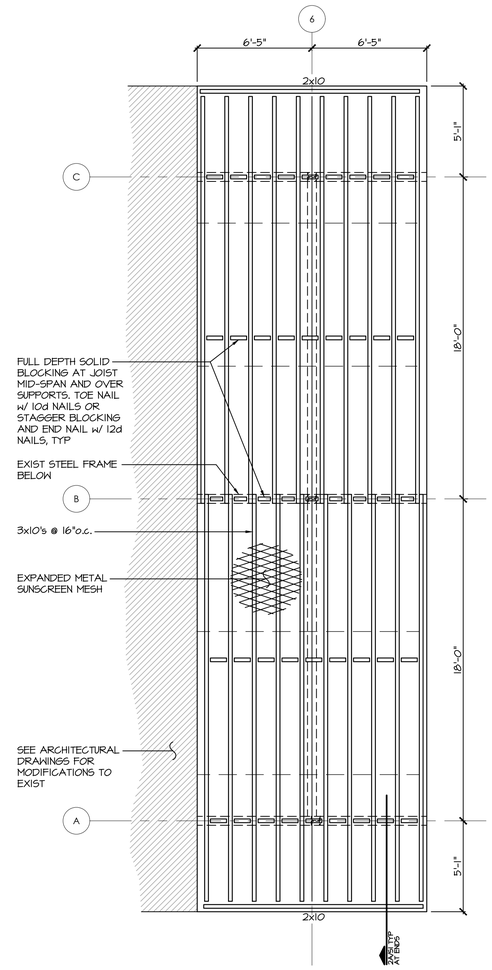


NEW FOUNDATION PLAN

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

1. NEW FOUNDATION TO BEAR 36" MIN BELOW ADJACENT FINISHED GRADE.
2. SOIL BEARING CAPACITY TO BE VERIFIED IN EXCESS OF 2,000 PSF BY INSPECTION FIRM OR GEOTECHNICAL CONSULTANT.

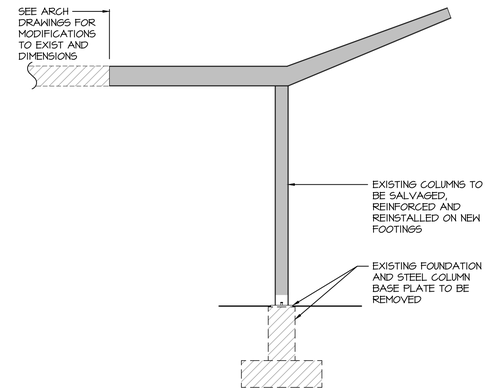
DIMENSIONS AND ELEVATIONS ARE SHOWN FOR CONVENIENCE ONLY. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH ARCHITECTURAL DRAWINGS ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION OR START OF CONSTRUCTION.



ROOF PLAN

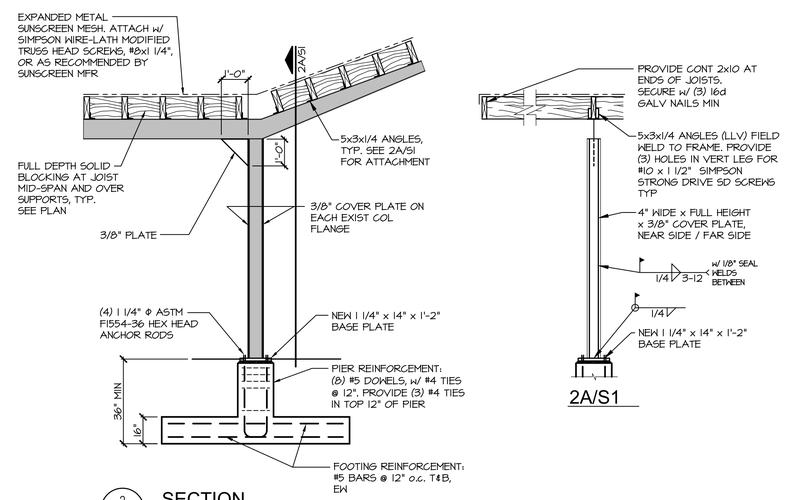
SCALE: 1/4" = 1'-0"

1. SEE GENERAL NOTES FOR TREATED LUMBER NOTES
2. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS WITH OTHER DISCIPLINE DRAWINGS. EXISTING DIMENSIONS ARE PROVIDED FOR CONVENIENCE ONLY



1/S1 EXIST / DEMO SECTION

SCALE: 3/8"=1'-0"



2/S1 SECTION

SCALE: 3/8"=1'-0"

COORD THE SUNSCREEN DETAILS WITH ARCH DRAWINGS AND SUNSCREEN MFR

CLIENT:

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

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PHILADELPHIA, PA 19120

PROJECT NUMBER:

16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:

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STRUCTURAL

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www.dhuy.com

DRAWING PHASE:

ISSUE FOR BIDDING

SEAL:

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
Ronald Charles Carr
ENGINEER NO. PE-039778-E

SHEET TITLE:

CANOPY
PLAN & SECTIONS

REV	DATE	DESCRIPTION

SCALE: AS NOTED

DATE: 08/15/2022

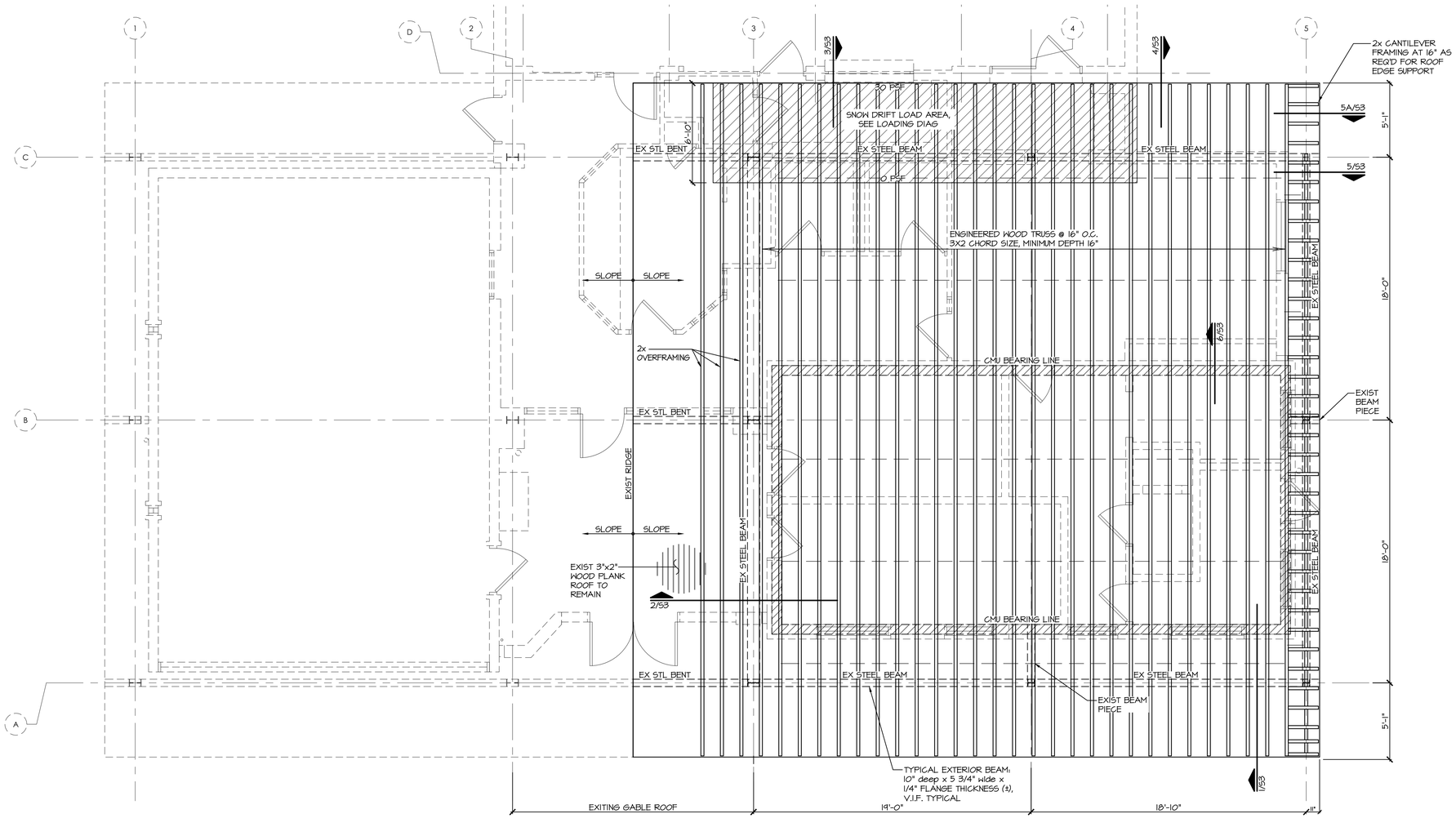
DRAWN BY: KCB/SGY

CHECKED BY: KCB

SHEET NUMBER:

S1

SALT DESIGN STUDIO FILE NO.: 2003

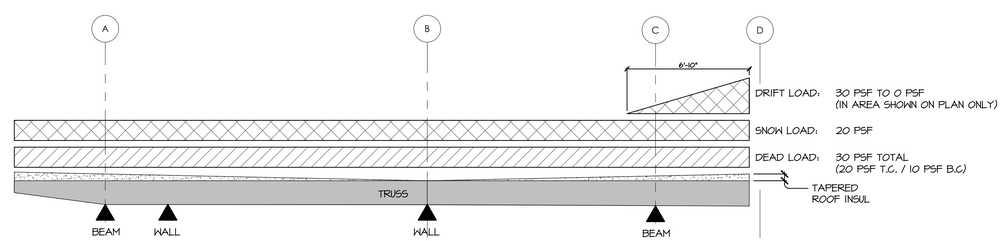


ROOF PLAN

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

1. ROOF TRUSSES TO BE AT 16"o.c.
2. SEE SHEET S5 FOR GENERAL NOTES
3. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS WITH OTHER DISCIPLINE DRAWINGS. EXISTING DIMENSIONS ARE PROVIDED FOR CONVENIENCE ONLY

DIMENSIONS AND ELEVATIONS ARE SHOWN FOR CONVENIENCE ONLY. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH ARCHITECTURAL DRAWINGS ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION OR START OF CONSTRUCTION.



ROOF TRUSS LOADING DIAGRAM

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

1. TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING LOADS:
   - 1.1. DEAD LOAD: 30 PSF TOTAL (20 PSF T.C. / 10 PSF B.C.)
   - 1.2. SNOW LOAD: 20 PSF
   - 1.3. SNOW DRIFT LOAD AS INDICATED ON PLAN
   - 1.4. NET UPLIFT LOAD: 10 PSF
2. BRIDGING SHALL BE DESIGNED BY ROOF TRUSS DESIGNER
3. ACTUAL TRUSS SPANS AND SPLICES TO BE DETERMINED BY TRUSS DESIGNER. TRUSSES MAY SPAN ACROSS INTERIOR BEARING LINES AS CONTINUOUS OR BE DESIGNED AS SIMPLE SPANS BETWEEN SUPPORT LINES.
4. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF TRUSS PROFILES. ROOF TRUSS MAY BE SLOPED UNI-DIRECTIONALLY TO CENTER, BUT ALL CROSS SLOPES TO DRAIN SHALL BE BY BUILT UP INSULATION. ROOF TRUSSES SHOULD BE AS UNIFORM AND IDENTICAL AS POSSIBLE TO SIMPLIFY DESIGN, FABRICATION AND INSTALLATION.
5. MINIMUM TRUSS SPACING IS 16" O.C. TRUSSES MAY BE SPACED UP TO 24"o.c. PROVIDED THE TRUSSES SATISFY THE REQUIRED LOADING SPECIFICATIONS.
6. ROOF SHEATHING SHALL BE ½" PLYWOOD.

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DRAWING PHASE:

ISSUE FOR BIDDING

SEAL:

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
Ronald Charles Carr
ENGINEER NO. PE-039778-E

SHEET TITLE:

MAIN ROOF PLAN

REV	DATE	DESCRIPTION

SCALE: AS NOTED

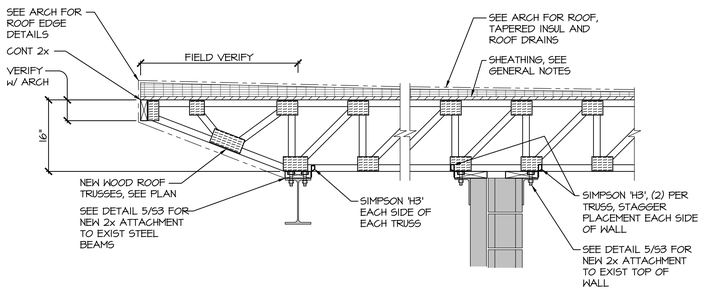
DATE: 08/15/2022

DRAWN BY: KCB/SGY
CHECKED BY: KCB

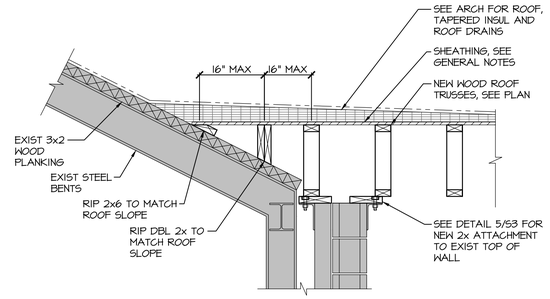
SHEET NUMBER:

S2

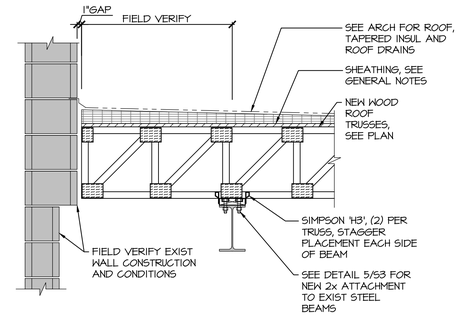
SALT DESIGN STUDIO FILE NO.: 2003



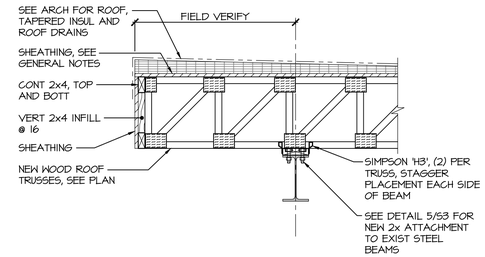
1 S3 SECTION
SCALE: 3/4"=1'-0"



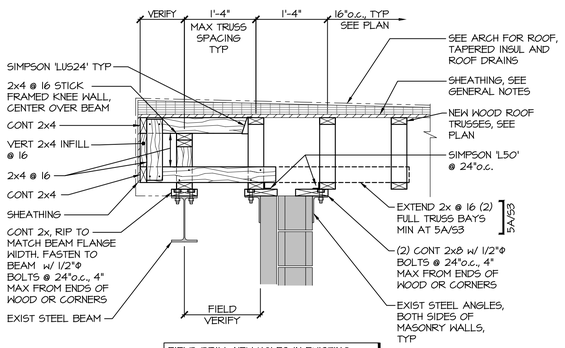
2 S3 SECTION
SCALE: 3/4"=1'-0"



3 S3 SECTION
SCALE: 3/4"=1'-0"

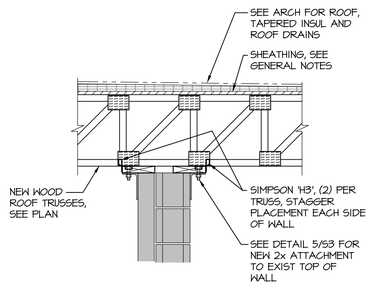


4 S3 SECTION
SCALE: 3/4"=1'-0"



FIELD DRILL NEW HOLES IN EXISTING ANGLES AND BEAM TOP FLANGES AS REQ'D FOR BOLT INSTALLATION, TYPICAL

5, 5A S3 SECTION
SCALE: 3/4"=1'-0"



6 S3 SECTION
SCALE: 3/4"=1'-0"

CLIENT:

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:

ZIEHLER PLAYGROUND & RECREATION CENTER

200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:

16640E-01-02

PRIME CONSULTANT / LANDSCAPE ARCHITECTURE:

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LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN
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www.saltdesignstudio.com

CIVIL ENGINEERING:
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PHOENIXVILLE, PA 19460
www.meliorадesign.com

ARCHITECTURE:
IAN SMITH DESIGN GROUP
1417 N. 2ND STREET, #3
PHILADELPHIA, PA 19122
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LIGHTING DESIGN:
MILLER DESIGN GROUP
www.millerdesigngrouplighting.com

MEP DESIGN
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CAMDEN, NJ 08102
www.markulrick.com

STRUCTURAL
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1 EAST BROAD STREET, SUITE 310
BETHLEHEM, PA 18018
www.dhuy.com

DRAWING PHASE:

ISSUE FOR BIDDING

SEAL:

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
Ronald Charles Carr
ENGINEER
NO. SE-059778-1

SHEET TITLE:

MAIN ROOF SECTIONS

REV	DATE	DESCRIPTION

SCALE: AS NOTED

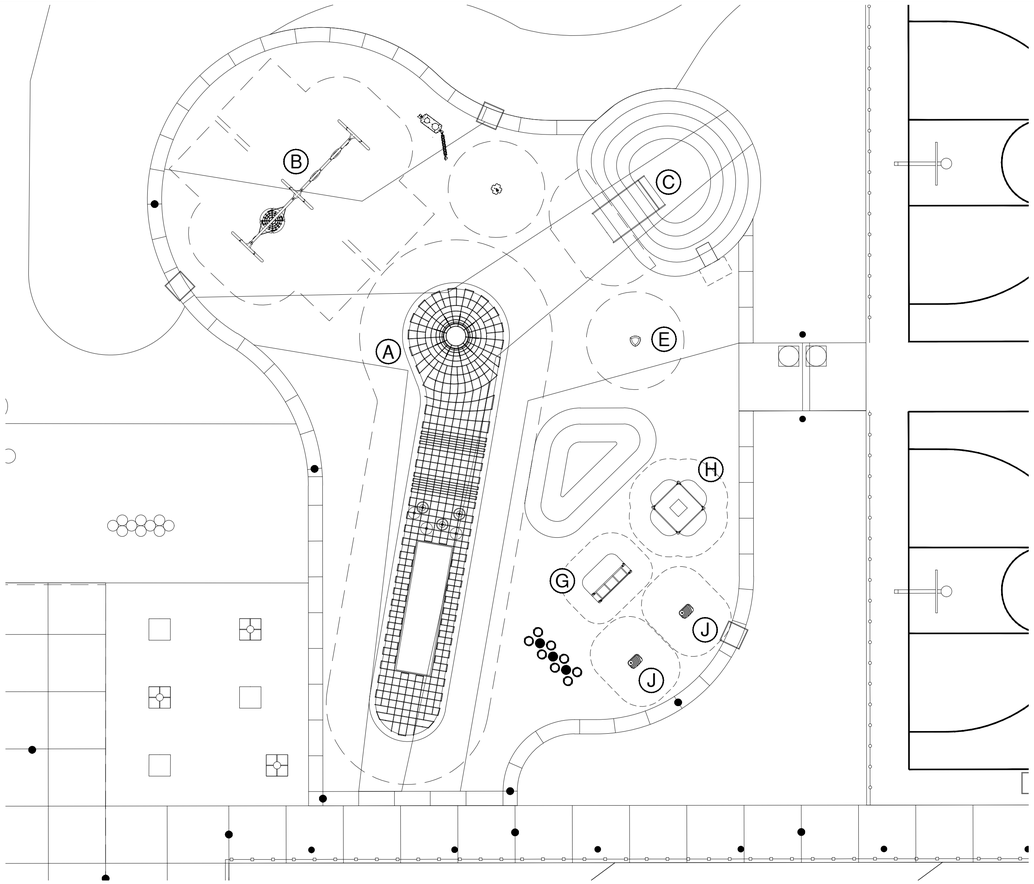
DATE: 08/15/2022

DRAWN BY: KCB/SGY
CHECKED BY: KCB

SHEET NUMBER:

S3

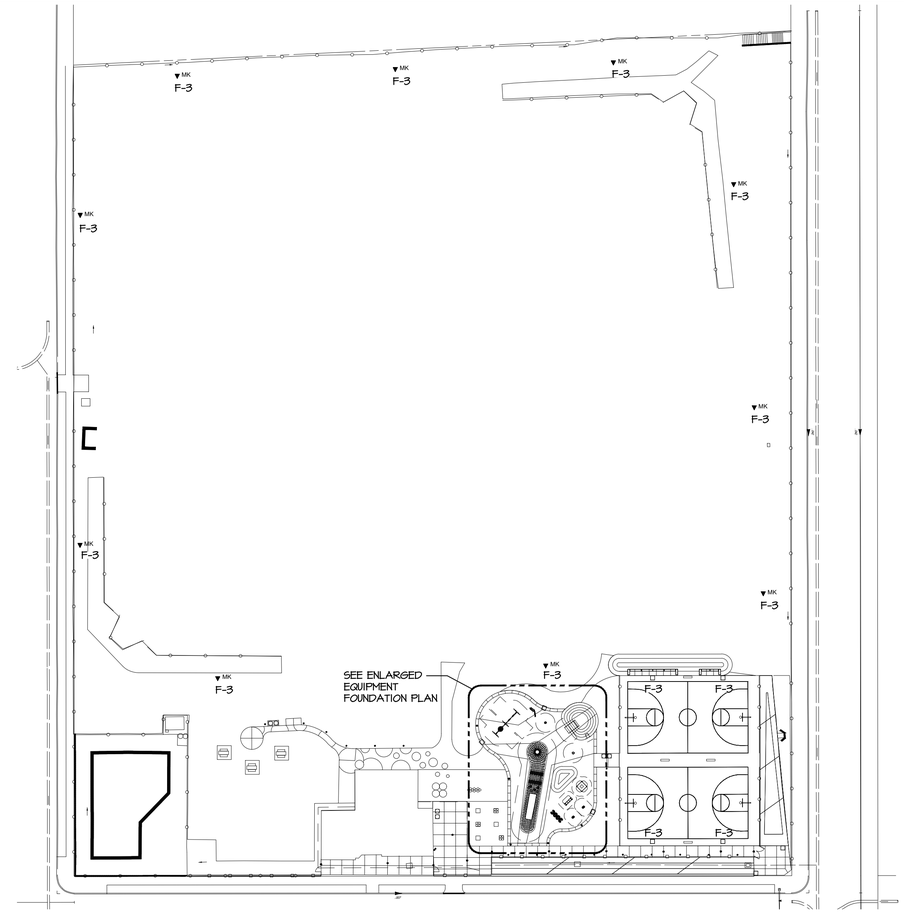
SALT DESIGN STUDIO FILE NO.: 2003



PARTIAL SITE PLAN - EQUIPMENT FOUNDATIONS

SCALE: 1" = 10'-0"

1. DIMENSIONS AND ELEVATIONS ARE SHOWN FOR CONVENIENCE ONLY. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH ARCHITECTURAL AND PLAYGROUND EQUIPMENT MANUFACTURER DRAWINGS ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION OR START OF CONSTRUCTION
2. (B) (EXAMPLE) DENOTES PLAYGROUND EQUIPMENT PIECE MARK. COORDINATE WITH FOUNDATION SCHEDULE THIS SHEET AND EQUIPMENT SCHEDULE ON LANDSCAPE DRAWINGS
3. G.C. TO VERIFY / CONFIRM ALL EQUIPMENT FOUNDATIONS AND EMBEDDED ELEMENTS WITH MFR PRIOR TO PLACING CONCRETE
4. SEE SHEET S5 FOR GENERAL CONSTRUCTION NOTES



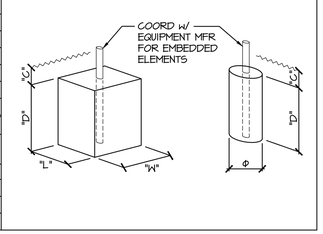
PARTIAL SITE PLAN - LIGHTING FOUNDATIONS

SCALE: 1" = 50'-0"

1. F-3 (EXAMPLE) DENOTES FOUNDATION FOR POLE MOUNTED LIGHTING. SEE SCHEDULE FOR FOUNDATION INFORMATION
2. COORD FINAL PLACEMENT WITH SITE LIGHTING DRAWINGS

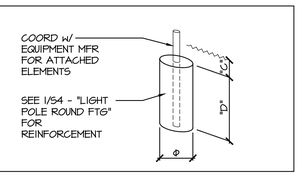
FOOTING SCHEDULE - PLAYGROUND EQUIPMENT

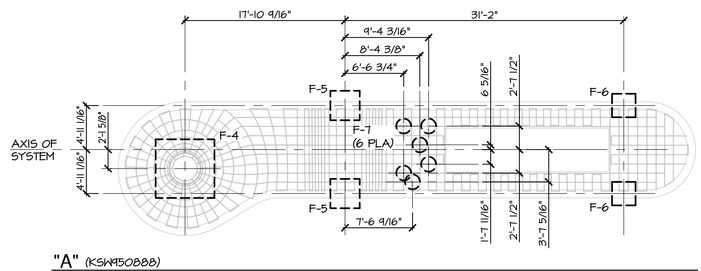
FOOTING (NO EMBEDMENT)				
MARK	LENGTH x WIDTH x DEPTH OR DIAMETER (Φ) x DEPTH		COVER (TOP OF FTG BELOW FIN. GRADE)	REINFORCING
	L x W x D	Φ x D	C	
F-1	5'-4"x12"x28"		10 1/2"	#4 AT 12"o.c. MAX, TOP AND BOTTOM, EACH WAY
F-2		12"Φx28"	10 1/2"	(4) #4 VERT w/ #3 TIES AT 12" VERT
F-4	6'-8"x6'-8"x28"		10 1/2"	#4 AT 12"o.c. MAX, TOP AND BOTTOM, EACH WAY
F-5	3'-4"x3'-4"x28"		10 1/2"	#4 AT 12"o.c. MAX, TOP AND BOTTOM, EACH WAY
F-6	2'-8"x2'-8"x28"		10 1/2"	#4 AT 12"o.c. MAX, TOP AND BOTTOM, EACH WAY
F-7		20"Φx28"	10 1/2"	(6) #4 VERT w/ #3 TIES AT 12" VERT
FOOTING - WITH EMBEDMENT				
MARK	LENGTH x WIDTH x DEPTH OR DIAMETER (Φ)		COVER (TOP OF FTG BELOW FIN. GRADE)	REINFORCING
	LxWxD	Φ x D	C	
F-1E	26"x26"x28"		10 1/2"	#4 AT 12"o.c. MAX, TOP AND BOTTOM, EACH WAY
F-2E	26"x18"x28"		10 1/2"	#4 AT 12"o.c. MAX, TOP AND BOTTOM, EACH WAY
F-3E		12"x28"	10 1/2"	(4) #4 VERT w/ #3 TIES AT 12" VERT



FOOTING SCHEDULE - LIGHT POLES

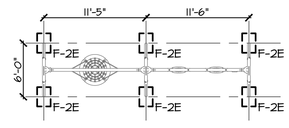
FOOTING (NO EMBEDMENT)			
MARK	LENGTH x WIDTH x DEPTH OR DIAMETER (Φ) x DEPTH		COVER (TOP OF FTG BELOW FIN. GRADE)	REINFORCING: SEE 1/S4 - "LIGHT POLE ROUND FTG"
	L x W x D	Φ x D	C	
F-3		24"Φx16'-0"	FOR LIGHT POLES OVER 20'-0" TO 55'-0" DEPTH NOTED STARTS AT FINISHED GRADE, VERIFY ADDITIONAL T.O. CONC ABOVE FINISHED GRADE w/ ARCHITECT / LIGHTING CONSULTANT	
		24"Φx8'-0"	FOR LIGHT POLES LESS THAN 20'-0" TALL DEPTH NOTED STARTS AT FINISHED GRADE, VERIFY ADDITIONAL T.O. CONC ABOVE FINISHED GRADE w/ ARCHITECT / LIGHTING CONSULTANT	





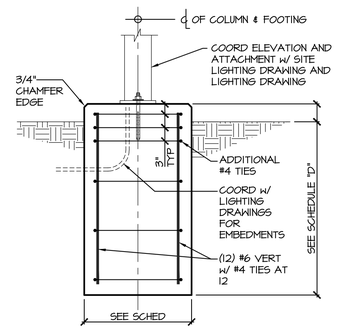
"A" (KSW450888)

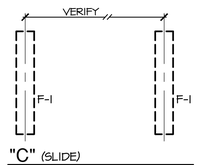
SCALE: 1/8"=1'-0"



"B" (KSW450888)

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



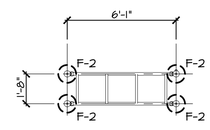


"C" (SLIDE)

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

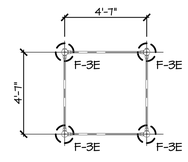
"E" (GXY801)

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



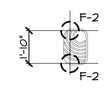
"G" (FSW20200)

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



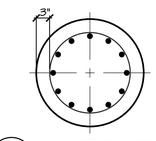
"H" (FSW21800)

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



"J" (FAZ30)

SCALE: 1/4"=1'-0"
G.C. VERIFY IF EMBEDMENT OF POLES IS REQ'D



1 / S4 LIGHT POLE ROUND FTG

SCALE: NONE

CLIENT:

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:

ZIEHLER PLAYGROUND & RECREATION CENTER

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PROJECT NUMBER:

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LIGHTING DESIGN:
MILLER DESIGN GROUP
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DRAWING PHASE:

ISSUE FOR BIDDING

SEAL:

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
Ronald Charles Carr
ENGINEER NO. PE-039778-E

SHEET TITLE:

PLAYGROUND
PLAN & DETAILS

REV	DATE	DESCRIPTION

SCALE: AS NOTED

DATE: 08/15/2022

DRAWN BY: KCB/SGY

CHECKED BY: KCB

SHEET NUMBER:

S4

SALT DESIGN STUDIO FILE NO.: 2003

GENERAL NOTES

1. THE WORK SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE PENNSYLVANIA UNIFORM CONSTRUCTION CODE (PA UCC), BASED UPON THE 2018 INTERNATIONAL BUILDING CODE (IBC) AND THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" ASCE 7-16.

2. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING, BRACING, SHEETING, AND MAKE SAFE ALL FLOORS, ROOFS, WALLS, AND ADJACENT PROPERTY AS PROJECT CONDITIONS REQUIRE. SHORING AND SHEETING SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE PROJECT JURISDICTION HIRED BY THE CONTRACTOR WHO SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR THE OWNER'S REVIEW.

3. THE STRUCTURAL COMPONENTS HAVE BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS:

ROOF LIVE LOAD	20PSF
SNOW LOAD DESIGN DATA	
GROUND SNOW LOAD - Pg	25 PSF
FLAT ROOF SNOW LOAD - Pf	20 PSF + DRIFT
SNOW EXPOSURE FACTOR - Ce	1.0
SNOW LOAD IMPORTANCE FACTOR - Is	1.0
THERMAL FACTOR - Ct	1.0
ROOF TRUSSES	SEE S2 FOR LOAD DIAGRAM
WIND DESIGN DATA	
BASIC WIND SPEED	112 MPH
WIND EXPOSURE	B
WIND RISK CATEGORY	II
EARTHQUAKE DESIGN DATA	
SEISMIC RISK CATEGORY	II
SEISMIC IMPORTANCE FACTOR - Ie	1.00
MAPPED SPECTRAL RESPONSE ACCEL., SS	0.184
MAPPED SPECTRAL RESPONSE ACCEL., S1	0.048
SITE CLASS	"D"
SPECTRAL RESPONSE COEFFICIENT, SDS	0.196
SPECTRAL RESPONSE COEFFICIENT, SD1	0.076
SEISMIC DESIGN CATEGORY	"B"
BASIC SEISMIC FORCE RESISTING SYSTEMS "UNREINFORCED MASONRY SHEAR WALLS"	

4. THE BUILDING RENOVATIONS REPLACE A WOOD FRAMED ROOF WITH A SIMILAR WOOD FRAMED STRUCTURE, AS SUCH, DEMAND CAPACITY RATIOS REMAIN BELOW THE 5% AND 10% THRESHOLD FOR GRAVITY LOAD CARRYING ELEMENTS AND LATERAL LOAD CARRYING ELEMENTS, RESPECTIVELY. THEREFORE, DETAILED ANALYSIS OF THE EXISTING STRUCTURE IS NOT REQUIRED PER IEBC CHAPTER 5

5. SOME DETAILS OF THE WORK ARE SHOWN ON THE ARCHITECTURAL DRAWINGS. A CAREFUL REVIEW AND STUDY OF THESE DETAILS IS NECESSARY BEFORE THE FULL SCOPE OF THE WORK CAN BE COMPREHENDED.

6. STRUCTURAL MEMBERS SHOWN DEPICT SIZES AND APPROXIMATE LOCATIONS ONLY. ROOF CONFIGURATIONS, SLOPES, DIMENSIONS AND ELEVATIONS ARE TO BE VERIFIED AND COORDINATED BY THE CONTRACTOR WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS.

7. PRINCIPAL OPENINGS IN THE STRUCTURE AND BUILDING ENVELOPE ARE SHOWN ON THE CONTRACT DOCUMENTS. REFER TO AND COORDINATE WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR SLEEVES, CURBS, INLETS, ETC. NOT INDICATED ON THESE DRAWINGS. THE LOCATION OF SLEEVES OR OPENINGS IN STRUCTURAL MEMBERS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

8. THIS STRUCTURE HAS BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION OF THE BUILDING HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY EXTENDS TO ALL RELATED ASPECTS OF THE CONSTRUCTION ACTIVITY INCLUDING, BUT NOT LIMITED TO, ERECTION METHODS, ERECTION SEQUENCE, TEMPORARY BRACING, FORMS, SHORING, USE OF EQUIPMENT, AND SIMILAR CONSTRUCTION PROCEDURES, UNLESS SPECIFICALLY INDICATED ON THE CONTRACT DOCUMENTS. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO CONSTRUCTION PROCEDURES IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE PROCEDURES.

9. JOB SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, REVIEW OF THE CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH DESIGN ASPECTS ONLY, NOT TO REVIEW THE CONTRACTOR'S PROVISIONS FOR JOB SITE SAFETY. GUIDELINES FOR CONSTRUCTION SAFETY SHALL BE IN ACCORDANCE WITH, BUT NOT LIMITED TO, THE CONSTRUCTION INDUSTRY OSHA SAFETY AND HEALTH STANDARDS (1926 STANDARDS), AND ANY LOCAL ORDINANCES OR CODES THAT MIGHT APPLY. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO JOB SITE SAFETY IS NOT TO BE INTERPRETED AS APPROVAL OF JOB SITE SAFETY ASPECTS.

10. THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION AND COORDINATION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

11. SPECIAL INSPECTIONS, AS REQUIRED BY THE PA UCC AND IBC, SHALL BE PERFORMED BY AN APPROVED AGENCY, IN CONTRACT WITH THE OWNER OR OWNER'S REPRESENTATIVE.. THE CONTRACTOR SHALL COORDINATE THE REQUIRED SPECIAL INSPECTIONS WITH THE WORK AND SHALL NOT CONCEAL WORK UNTIL THE REQUIRED INSPECTIONS HAVE BEEN COMPLETED AND THE WORK APPROVED.

12. STRUCTURAL OBSERVATIONS PERFORMED BY THE ENGINEER DURING CONSTRUCTION DO NOT CONSTITUTE CONTINUOUS OR SPECIAL INSPECTION SERVICES.. REQUIRED INSPECTIONS REMAIN THE RESPONSIBILITY OF THE BUILDING INSPECTOR OR TESTING AGENCY IDENTIFIED. STRUCTURAL OBSERVATIONS PERFORMED BY THE ENGINEER DO NOT CONSTITUTE SUPERVISION OF CONSTRUCTION AND DO NOT GUARANTEE THE WORK OF THE CONTRACTOR.

13. IT IS EACH CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK IN ACCORDANCE WITH THE FEDERAL, STATE, AND LOCAL LAWS, BYLAWS, ORDINANCES AND REGULATIONS IN ANY MANNER AFFECTING THE CONDUCT OF THIS WORK, AS WELL AS ALL ORDERS OR DECREES WHICH HAVE BEEN PROMULGATED OR ENACTED BY ANY LEGAL BODIES OR TRIBUNALS HAVING AUTHORITY OR JURISDICTION OVER THE WORK, MATERIALS, EMPLOYEES, OR CONTRACT.

14. IF FAULTY CONSTRUCTION PROCEDURES, OR MATERIAL, RESULT IN DEFECTIVE WORK THAT REQUIRES ADDITIONAL ENGINEERING TIME TO DEVISE CORRECTIVE MEASURES, PROFESSIONAL FEES MAY BE CHARGED TO THE CONTRACTOR AT THE STANDARD HOURLY RATE OF ADDITIONAL SERVICES. SUCH FEES MAY BE WITHHELD FROM THE CONTRACTORS PAYMENT. REFER TO GENERAL CONDITIONS SECTION OF THE PROJECT SPECIFICATIONS.

15. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO BEGINNING ANY WORK. IF EXISTING CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND PROVIDE AN ACCURATE SKETCH OF THE CONDITION, INCLUDING A PROPOSED MODIFICATION OR CORRECTION, FOR REVIEW AND APPROVAL.

16. UNLESS NOTED OTHERWISE IN THE CONTRACT DOCUMENTS, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL STRUCTURAL STEEL, MISCELLANEOUS STEEL, AND LOOSE LINTELS THAT ARE NECESSARY TO SUPPORT ALL ROOF TOP MOUNTED MECHANICAL EQUIPMENT, MASONRY WALL OPENINGS AND FLOOR AND ROOF OPENINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL DRAWINGS OF ALL PRIME CONTRACTS TO DETERMINE THE QUANTITY, SIZE, AND LOCATIONS OF ALL ROOF TOP EQUIPMENT, ALL MASONRY OPENINGS, AND ALL FLOOR AND ROOF OPENINGS.

17. THE CONTRACTOR'S CONSTRUCTION SEQUENCES SHALL ALLOW FOR THE EFFECTS OF THERMAL MOVEMENTS DURING THE CONSTRUCTION PERIOD, PRIOR TO THE BUILDING BEING ENCLOSED AND TEMPERATURE CONTROLLED. NEGATIVE EFFECTS OF SUCH THERMAL MOVEMENTS, SUCH AS MATERIAL CRACKING, FROST HEAVE, ETC. SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

FOUNDATION NOTES

1. THE FOUNDATIONS HAVE BEEN DESIGNED TO REST ON INORGANIC, UNDISTURBED SOIL HAVING AN ALLOWABLE BEARING VALUE OF 2,000 PSF. SUCH BEARING STRATA IS ANTICIPATED AT THE BOTTOM OF FOOTING ELEVATIONS NOTED ON THE FOUNDATION PLAN. ALL BEARING STRATA SHALL BE VERIFIED BY A LICENSED GEOTECHNICAL ENGINEER PRIOR TO THE PLACING OF CONCRETE IN ORDER TO VERIFY THE BEARING VALUE. THE BEARING VALUE SHOULD BE VERIFIED TO A DEPTH OF 3 TO 4 FEET BELOW BEARING ELEVATION TO ENSURE THE BEARING MATERIALS COMPLY WITH THE BORING LOGS AND DESIGN CRITERIA.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LIMITING POURS TO MINIMIZE SHRINKAGE CRACKING. IN GENERAL, WALLS SHALL NOT BE POURED IN CONTINUOUS LENGTHS EXCEEDING 40 FEET. THE LOCATION AND CONFIGURATION OF JOINTS EXPOSED TO VIEW SHALL BE COORDINATED WITH THE ARCHITECT.

3. EXCAVATIONS FOR SPREAD AND CONTINUOUS FOOTINGS SHALL BE CLEANED AND HAND TAMPED TO A UNIFORM SURFACE. CONCRETE SHALL BE PLACED WITHIN 24 HOURS OF EXCAVATION OF THE FOOTING BEARING SURFACE. THE CONTRACTOR IS RESPONSIBLE FOR HAVING ALL REQUIRED INSPECTIONS, OBSERVATIONS AND TESTING COMPLETED WITHIN THAT TIMEFRAME.

4. ALL SOIL SURROUNDING AND UNDER FOOTINGS SHALL BE PROTECTED FROM FREEZING AND THAWING DURING THE COURSE OF CONSTRUCTION.

5. THE BOTTOM OF EXTERIOR FOOTINGS NOT ON SOLID ROCK SHALL BE AT MINIMUM 3'-0" BELOW GRADE.

6. THE INSPECTION AND TESTING OF ALL SUBGRADE AND COMPACTED EARTHWORK SHALL BE CONDUCTED UNDER THE SUPERVISION OF THE OWNERS GEOTECHNICAL CONSULTANT. THE CONTRACTOR SHALL ADVISE THE ARCHITECT AND STRUCTURAL ENGINEER TWENTY-FOUR HOURS PRIOR TO PLACEMENT OF CONCRETE IN THE FOOTINGS. IF UNSUITABLE SUBGRADE SOILS ARE ENCOUNTERED, THE CONTRACTOR SHALL SUBMIT RECOMMENDATIONS PREPARED BY A LICENSED GEOTECHNICAL CONSULTANT TO THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL.

CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301 (LATEST EDITION), "SPECIFICATIONS FOR STRUCTURAL CONCRETE IN BUILDINGS" AND ACI 318 (LATEST EDITION), "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."

2. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE. FOUNDATION, FOOTINGS, AND PIT BOTTOMS SHALL DEVELOP A COMPRESSIVE STRENGTH OF 4,500 PSI IN 28 DAYS AND CONCRETE FOR WALLS, PIERS, SLABS ON GRADE, AND ELEVATED SLABS SHALL DEVELOP A COMPRESSIVE STRENGTH OF 4,000 PSI IN 28 DAYS.

3. ALL EXTERIOR CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF ACI 318, TABLE 4.3.1 FOR EXPOSURE CLASS F1

4. ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, MUST FOLLOW THE LATEST ACI CODE AND THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".

5. CONCRETE MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW, TOGETHER WITH LABORATORY REPORTS ATTESTING THAT THE MIXES CAN ATTAIN THE MINIMUM DESIGN STRENGTH REQUIRED IN ACCORDANCE WITH CHAPTER 5 OF ACI 301 (LATEST EDITION). IF DURING CONSTRUCTION ANY CONCRETE FAILS TO MEET THE ACCEPTANCE CRITERIA, THE CONTRACTOR SHALL TAKE SUCH STEPS AS ARE DEEMED NECESSARY BY THE STRUCTURAL ENGINEER TO IMPROVE SUBSEQUENT TEST RESULTS AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL ALSO BEAR THE COST OF SPECIAL INVESTIGATION, TESTING, OR REMEDIAL WORK NECESSARY BECAUSE OF EVIDENCE OF LOW STRENGTH OR NON-CONFORMING CONCRETE OR WORKMANSHIP.

6. CONTRACTOR SHALL SUBMIT STEEL REINFORCING DRAWINGS THAT DETAIL FABRICATION, BENDING AND PLACEMENT. INCLUDE BAR SIZES, LENGTHS, MATERIAL, GRADE, BAR SCHEDULES, STIRRUP SPACING, BENT BAR DIAGRAMS, BAR ARRANGEMENTS, SPLICES AND LAPS, MECHANICAL CONNECTIONS, TIE SPACING, HOOP SPACING AND SUPPORTS FOR CONCRETE REINFORCING. A 4"x4" SQUARE AREA NEAR THE TITLE BLOCK SHALL BE RESERVED FOR THE ENGINEER'S REVIEW STAMP. THE ENGINEER'S DRAWINGS MAY NOT BE REPRODUCED IN WHOLE OR PART AS A SHOP DRAWING. SHOP DRAWINGS SHALL BE CHECKED PRIOR TO SUBMITTAL. ANY DISREGARD FOR THE AFORESAID REQUIREMENTS SHALL BE CAUSE FOR REJECTION OF THE SUBMITTAL WITHOUT REVIEW.

7. NO ADMIXTURES ARE PERMITTED WITHOUT THE ENGINEER'S WRITTEN PERMISSION OTHER THAN ENTRAINED AIR. CONCRETE EXPOSED TO THE WEATHER, SUCH AS THAT USED IN FOUNDATION WALLS, SHALL CONTAIN 4% MIN. AND 6% MAX. ENTRAINED AIR.

8. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60. EPOXY COATED REINFORCING STEEL SHALL CONFORM TO ASTM A 775, GRADE 60.

9. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A 185, GRADE 60. EPOXY COATED WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A 884, GRADE 75.

10. REINFORCING STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS"

DEFORMED BARS	ASTM A615, GRADE 60
DEFORMED BARS (WELDABLE)	ASTM A706

11. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185 WITH A MINIMUM YIELD STRENGTH OF 75KSI AND SHALL BE SUPPLIED IN FLAT SHEETS. LAP TWO MESHES AT SIDES AND ENDS, AND WIRE TIE TOGETHER.

12. CONCRETE SLABS SHALL BE PROTECTED FROM LOSS OF SURFACE MOISTURE FOR NOT LESS THAN 7 DAYS BY USING A CURING COMPOUND CONFORMING TO ASTM C-309, BY WET BURLAP, OR A PLASTIC MEMBRANE.

13. NO WELDING OF REINFORCING BARS WILL BE PERMITTED.

14. GROUT SHALL BE NONSHRINKABLE GROUT CONFORMING TO ASTM C827, AND SHALL HAVE SPECIFIED COMPRESSIVE STRENGTH AT 28 DAYS OF 5000 PSI. PREGROUTING OF BASE PLATES WILL NOT BE PERMITTED.

15. MIXING, TRANSPORTING AND PLACING OF CONCRETE SHALL CONFORM TO ACI 301 (LATEST EDITION).

16. MINIMUM CONCRETE COVER PROTECTION FOR REINFORCEMENT BARS SHALL BE AS FOLLOWS: (SEE ACI 318 (LATEST EDITION) SECTION 7.7 FOR CONDITIONS NOT NOTED)

FOOTINGS	3 INCHES
SLABS ON GRADE (MAX)	2 INCHES (TOP)
WALLS	1 1/2 INCHES (I.F)

PROVIDE STANDARD BAR CHAIRS AND SPACERS AS REQUIRED TO MAINTAIN CONCRETE PROTECTION SPECIFIED.

16. REINFORCEMENT DESIGNATED AS "CONTINUOUS" SHALL LAP 47 BAR DIAMETERS MINIMUM AT SPLICES, UNLESS NOTED OTHERWISE:

REBAR SIZE	LAP / SPLICE LENGTHS
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"

17. HORIZONTAL FOOTING AND HORIZONTAL WALL REINFORCEMENT SHALL BE CONTINUOUS AND SHALL HAVE 90 DEGREE BENDS AND EXTENSIONS, OR CORNER BARS OF EQUIVALENT SIZE LAPPED 44 BAR DIAMETERS, AT CORNERS AND INTERSECTIONS. NO REINFORCING OR REINFORCING SUPPORTS SHALL BE EMBEDDED INTO THE FOUNDATION SOIL. ALL REINFORCING PROJECTING FROM THE CONCRETE SHALL BE TIED TO THE FOUNDATION OR WALL REINFORCING AND FULLY SUPPORTED FROM MOVEMENT DURING CONCRETE INSTALLATION. NO "WET STICKING" OF REINFORCING IS PERMITTED.

18. 18. HORIZONTAL JOINTING WILL NOT BE PERMITTED IN CONCRETE CONSTRUCTION EXCEPT AS SHOWN ON THE CONTRACT DOCUMENTS. VERTICAL JOINTS SHALL OCCUR AT CENTER OF SPANS AT LOCATIONS APPROVED BY THE STRUCTURAL ENGINEER.

19. SLABS WITH SHRINKAGE STEEL (WWF) SHALL HAVE CONSTRUCTION JOINTS OR CONTRACTION JOINTS AT EACH COLUMN LINE IN EACH DIRECTION. ADDITIONAL CRACK CONTRACTION JOINTS SHALL BE PROVIDED, SUCH THAT THE MAXIMUM SPACING BETWEEN CONSTRUCTION AND CRACK CONTROL JOINTS DOES NOT EXCEED 15' AND DOES NOT EXCEED A LENGTH TO WIDTH RATIO 1.5:1.

20. REPAIR CONCRETE EXHIBITING VOIDS DUE TO SNAP TIES, "HONEYCOMBS," ROCK POCKETS, AND RUNS, SPALLS OR OTHERWISE DAMAGED SURFACES WITH DRY PACK OR CEMENT GROUT, AND FINISH FLUSH WITH ADJOINING SURFACES. AT THE DISCRETION OF THE STRUCTURAL ENGINEER OR AS QUALIFIED BY LAB TESTING, EXCESSIVE HONEYCOMBS OR EXPOSED REINFORCEMENT THAT JEOPARDIZE THE DESIGN SHALL BE REMOVED AND REPLACED AT THE EXPENSE OF THE CONTRACTOR.

21. PROVIDE TWO (2) #3 X 4'0" AT ALL RE-ENTRANT CORNERS, PLACED ON THE DIAGONAL WITH 1 1/2" CLEARANCE FROM THE CORNER AND TOP OF SLAB. REFER TO DETAIL.

22. CONSTRUCTION JOINTS BETWEEN FOOTINGS AND PILASTERS AND SIMILAR JOINTS SHALL BE PREPARED BY ROUGHENING THE CONTACT SURFACE IN AN APPROVED MANNER TO FULL AMPLITUDE OF APPROX. 14 INCHES, LEAVING THE CONTACT SURFACE FREE AND CLEAR OF LAITANCE. REINFORCED (DOWELED) JOINTS SHALL HAVE BINDER ADDITIVE APPLIED PRIOR TO POUR.

23. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4" UNLESS OTHERWISE INDICATED.

24. CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PROTECT FINISHED SURFACES FROM STAINS OR ABRASIONS. NO FIRE SHALL BE ALLOWED IN DIRECT CONTACT WITH CONCRETE. PROVIDE ADEQUATE PROTECTION AGAINST INJURIOUS ACTION BY SUN OR WIND. FRESH CONCRETE SHALL BE THOROUGHLY PROTECTED FROM HEAVY RAIN, FLOWING WATER, AND MECHANICAL INJURY.

25. TOPS OF FOUNDATIONS SHALL BE TROWEL FINISHED AND SMOOTH. REFER TO DRAWINGS FOR BASE PLATE ACCOMMODATIONS.

26. SLUMP TESTS SHALL BE MADE PRIOR TO THE ADDITION OF PLASTICIZERS. CONCRETE FOR THE PREPARATION OF TEST CYLINDERS SHALL BE TAKEN FROM THE HOSE END FOR CONCRETE PLACED BY PUMP.

27. WATER SHALL NOT BE ADDED TO THE CONCRETE AT THE JOBSITE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE REQUIREMENTS OF THE CONCRETE SUPPLIER AND PUMPER TO ENSURE PUMPABLE AND WORKABLE MIX WITHOUT THE ADDITION OF WATER AT THE JOBSITE. THE USE OF PLASTICIZERS, RETARDANTS AND OTHER ADDITIVES SHALL BE AT THE OPTION OF THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER. FOLLOW THE RECOMMENDATIONS OF THE MANUFACTURER FOR PROPER USE OF RETARDANTS AND OTHER ADDITIVES. USE OF CALCIUM E CHLORIDE OR OTHER CHLORIDE BEARING SALTS SHALL NOT BE PERMITTED.

28. PLACE CONCRETE IN A MANNER SO AS TO PREVENT SEGREGATION OF THE MIX. DELAY FLOATING AND TROWELING OPERATIONS UNTIL THE CONCRETE HAS LOST SURFACE WATER SHEEN OR ALL FREE SLABS SURFACE WATER. FINISHING OF SLAB SURFACES SHALL COMPLY WITH ACI RECOMMENDATIONS 302 AND 304 (LATEST EDITION) FOR GARAGES.

29. HOT WEATHER CONCRETING: WHEN CONCRETING IS TO BE DONE IN HOT WEATHER CONDITIONS THAT COULD ADVERSELY AFFECT THE PROPERTIES AND SERVICEABILITY OF CONCRETE, PREPARATIONS AND PROCEDURES OUTLINED IN ACI 305R (LATEST EDITION) SHOULD BE FOLLOWED UNLESS OTHERWISE NOTED IN CONSTRUCTION SPECIFICATIONS.

30. COLD WEATHER CONCRETING: WHEN CONCRETING IS TO BE DONE IN COLD WEATHER CONDITIONS THAT COULD ADVERSELY AFFECT THE PROPERTIES AND SERVICEABILITY OF CONCRETE, PREPARATIONS AND PROCEDURES OUTLINED IN ACI 306R (LATEST EDITION) SHOULD BE FOLLOWED UNLESS OTHERWISE NOTED IN CONSTRUCTION SPECIFICATIONS.

31. TESTING OF COMPOSITE SAMPLES OF FRESH CONCRETE OBTAINED ACCORDING TO ASTM C172 SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:
    a. OBTAIN ONE COMPOSITE SAMPLE FOR EACH DAYS POUR OF EACH CONCRETE MIXTURE EXCEEDING 5 CU. YDS BUT LESS THAN 25 CU YDS., PLUS ONE SET FOR EACH ADDITIONAL 50 CU YD OR FRACTION THEREOF.
    b. CONCRETE SLUMP, AIR CONTENT AND TEMPERATURE SHALL BE TAKEN AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE. PERFORM ADDITIONAL TEST WHEN CONSISTENCY APPEARS TO CHANGE.
    c. COMPRESSION TEST SPECIMENS SHALL BE PER ASTM C31 REQUIREMENTS. CAST AND CURE ONE SET OF FIVE STANDARD CYLINDER SPECIMENS FOR EACH COMPOSITE SAMPLE.
    d. COMPRESSION STRENGTH TEST SHALL BE PER ASTM C39. TEST TWO LABORATORY-CURED SPECIMENS AT 7 DAYS AND TWO SPECIMENS AT 28 DAYS. MAINTAIN AND CURE ONE FIELD CURED SPECIMEN FOR 56 DAYS OR LONGER AT THE REQUEST OF THE ENGINEER.

38. REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION SHALL BE AS OUTLINED IN TABLE 1704.4 OF THE PA UCC AND IBC 2018.

PREFABRICATED WOOD TRUSS NOTES

1. PREFABRICATED WOOD TRUSSES SHALL BE ENGINEERED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE (ANSI/TPI In - CURRENT ED.). THE MANUFACTURER SHALL DESIGN THE TRUSS LOADS NOTED ON THE TRUSS LOADING DIAGRAMS.

2. TRUSSES MUST BE DESIGNED TO CONSIDER ALL CODE REQUIRED LIVE LOAD PATTERNS.

3. WOOD TRUSS DESIGN AND CONSTRUCTION SHALL COMPLY WITH IBC 2018 CHAPTER 23 SECTION 2303.4, "TRUSSES."

4. SHOP DRAWINGS AND DESIGN CALCULATIONS BEARING THE CERTIFICATION OF A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA SHALL BE SUBMITTED TO THE PROFESSIONAL FOR APPROVAL AND SHALL CONTAIN THE FOLLOWING INFORMATION FOR EACH TYPE AND SIZE OF TRUSS ASSEMBLY TO BE PROVIDED: DETAIL OF TRUSS; SPECIES, SIZE, GRADE, AND WORKING STRESS OF LUMBER USED; CALCULATED FORCE FOR EACH MEMBER, CONNECTOR PLATE SIZES AND ORIENTATION, AND BEARING/REACTION LOADS TO THE SUPPORTING FRAMING. THE SHOP DRAWINGS SHALL ALSO INCLUDE PERMANENT BRACING PLANS AND DETAILS.

5. ALL LUMBER USED IN THE FABRICATION OF TRUSSES SHALL BE STRESS GRADED AND SHALL BE OF THE SPECIES, SIZE, AND GRADE SPECIFIED IN THE TRUSS DESIGN.

6. CONNECTOR PLATES SHALL BE STAMPED FORM 16, 18, OR 20 GAUGE, GRADE A, GALVANIZED STRUCTURAL STEEL. BOTH PLATE WIDTH AND PLATE LENGTH MUST EQUAL OR EXCEED THAT SPECIFIED IN THE TRUSS DESIGN.

7. TRUSSES SHALL BE FABRICATED IN ACCORDANCE WITH THE TRUSS DESIGN FROM ACCURATELY CUT WOOD MEMBERS CLAMPED IN RIGID FIXTURES DURING ASSEMBLY TO INSURE TIGHT FITTING JOINTS AND UNIFORMITY IN COMPLETED TRUSS UNITS.

8. CONNECTOR PLATES ARE TO BE PRESSED INTO THE WOOD MEMBERS ON BOTH SIDES OF THE TRUSS AT EACH JOINT SO THAT FULL PENETRATION OF THE TEETH IS OBTAINED WITHOUT CRUSHING THE OUTER SURFACE OF THE WOOD.

9. TRUSSES SHALL BE INSTALLED PLUMB, ADEQUATELY BRACED, IN THE PROPER ORIENTATION, AND AT THE SPACING SPECIFIED IN THE TRUSS DESIGN.

10. CUTTING OF TRUSS MEMBERS OR FIELD ALTERATION OF ANY TRUSS IS NOT PERMITTED.

11. ALL ROOF TRUSS SPACING SHALL BE AS SHOWN ON THE DRAWINGS

12. THE MINIMUM GRADE AND SPECIES FOR STRUCTURAL LUMBER SHALL BE #1 SOUTHERN PINE, UNLESS NOTED OTHERWISE.

13. ALL ROOF TRUSSES SHALL BE ATTACHED WITH HURRICANE STRAPS.

14. ALL WOOD TO WOOD CONNECTIONS TO BE MADE WITH SPECIFIC APPLICATION METAL HANGERS, OR AS DETAILED, AND BE MANUFACTURED BY "SIMPSON" OR APPROVED EQUAL.

15. G.C. / ARCHITECT AND JOIST MFR TO COORDINATE LOCATIONS OF UTILITY DRAINS, STACKS, VENTS OR ANY ROOF PENETRATIONS w/ MEP DRAWINGS.

16. TRUSS MFR SHALL DETAIL/ PROVIDE ALL PERMANENT TRUSS BRACING REQUIREMENTS TO BE INSTALLED AS PART OF THE ERECTION PROCESS AND TO ACHIEVE FINAL LATERAL SYSTEM STABILITY.

17. TEMPORARY TRUSS BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH THE BUILDING COMPONENT SAFETY INFORMATION: "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES." (BCSI 2008).

ROUGH CARPENTRY

1. ALL WOOD FRAMING SHALL CONFORM TO THE NATIONAL FOREST PRODUCTS ASSOCIATION "NATIONAL DESIGN STANDARDS FOR WOOD CONSTRUCTION".

2. STRUCTURAL WOOD FRAMING USED IN EXTERIOR APPLICATIONS OR IN CONTACT WITH CONCRETE, MASONRY OR STEEL SHALL BE SOUTHERN YELLOW PINE, No. 2 OR BETTER, ACQ PRESERVATIVE PRESSURE TREATED WOOD.

3. FLUSH-FRAMED CONNECTIONS SHALL BE MADE WITH PREFABRICATED GALVANIZED STEEL HANGERS OF WIDTH AND DEPTH APPROPRIATE FOR THE SUPPORTED MEMBER. INSTALL WITH THE TYPE AND QUANTITY OF FASTENERS RECOMMENDED BY THE MANUFACTURER.

4. BUILT-UP MEMBERS SHALL HAVE ADJACENT PLIES NAILED TOGETHER WITH A MIN. OF TWO ROWS OF NAILS AT 1'-0" O/C (10d COMMON NAILS FOR 1 1/2" PLIES, 12d COMMON NAILS FOR 1 3/4" PLIES).

5. UNLESS NOTED OTHERWISE, ALL LUMBER SHALL BE NAILED IN ACCORDANCE WITH THE SPECIFIED NAILING SCHEDULE.

6. ROOF TRUSSES, JOISTS, AND BEAMS SHALL BE SUPPORTED LATERALLY AT EACH SUPPORT BY FULL DEPTH SOLID BLOCKING, EXCEPT WHERE MEMBERS ARE SUPPORTED BY A FLUSH HEADER OR NAILED TO A RIM BOARD.

PLYWOOD SHEATHING NOTES

1. PLYWOOD SHALL CONFORM TO U.S. PRODUCTS STANDARD PS-1 AND BEAR THE APA GRADE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION.

2. PLYWOOD SHEATHING FOR ROOFS, AND WALLS, SHALL BE APA GRADED CD WITH EXTERIOR GLUE. SHEATHING FOR WALLS SHALL BE 32/16, EXPOSURE 1. ROOF SHEATHING SHALL BE 5/8" 40/20.

3. PLYWOOD SHEATHING SHALL BE INSTALLED WITH THE LONG DIMENSION OF THE PANEL ACROSS SUPPORTS AND CONTINUOUS OVER TWO OR MORE SPANS.

4. LAY-UP ROOF PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. STAGGER JOINTS AND INSTALL BLOCKING AT ALL EDGES.

5. NAIL ROOF PLYWOOD WITH 10d COMMON NAILS AT 6" OC AT ALL EDGES AND BOUNDARIES AND AT 12" OC AT INTERMEDIATE SUPPORTS, UNLESS NOTED OTHERWISE.

POST-INSTALLED ANCHORS:

1. EXCEPT WHERE INDICATED ON THE DRAWINGS, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY THE FOLLOWING:
    a. HILTI INC., CONTACT HILTI AT (800) 879-8000 FOR PRODUCT RELATED QUESTIONS.
    b. DEWALT FASTENERS, CONTACT DEWALT AT (800) 524-3244 FOR PRODUCT RELATED QUESTIONS.

2. ANCHORAGE TO CONCRETE:
    a. ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
        - HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HIT-Z(-R) RODS PER ICC ESR-3187.
        - HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT SYSTEM WITH HAS-E AND HAS-SS THREADED RODS PER ICC ESR-3187.
        - DEWALT PURE110+ EPOXY WITH ASTM GRADE 36 STANDARD THREADED RODS PER ICC ESR-3298.
        - DEWALT AC200+ (2) PART ADHESIVE SYSTEM FOR FAST CURE AND COLD TEMPERATURES WITH STANDARD GR36/GRB7 THREADED ROD PER ICC ESR-4027.

3. REBAR DOWELING INTO CONCRETE:
    a. ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
        - HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT SYSTEM WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-3187.
        - DEWALT PURE110+ EPOXY WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-3298.
        - DEWALT AC200+ (2) PART ADHESIVE SYSTEM FOR FAST CURE AND COLD TEMPERATURES WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-4027.

4. ANCHORAGE TO HOLLOW / MULTI-WYTHE MASONRY:
    a. ADHESIVE ANCHORS USE:
        - HILTI HIT-HY 70 MASONRY ADHESIVE ANCHORING SYSTEM PER ICC ESR-3342 OR DEWALT AC100+ GOLD MASONRY ADHESIVE ANCHORING SYSTEM PER ICC ESR-2582.
        - STEEL ANCHOR ELEMENT SHALL BE HILTI HAS-E OR HAS-SS CONTINUOUSLY THREADED ROD, CONTINUOUSLY DEFORMED STEEL REBAR, ASTM GRADE 36 STANDARD THREADED ROD, OR ASTM F593, GRADE 316 STAINLESS STEEL CONTINUOUSLY THREADED ROD.
        - THE APPROPRIATE SIZE SCREEN TUBE SHALL BE USED PER ADHESIVE MANUFACTURER'S RECOMMENDATION.

5. ANCHOR CAPACITY USED IN DESIGN SHALL BE BASED ON THE TECHNICAL DATA PUBLISHED BY HILTI, DEWALT, OR SUCH OTHER METHOD AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERFORMANCE VALUES OF THE SPECIFIED PRODUCT. SUBSTITUTIONS WILL BE EVALUATED BY THEIR HAVING AN ICC ESR SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE AND INSTALLATION TEMPERATURE.

6. INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.

7. THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ON SITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.

8. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE OR MASONRY. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

9. IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318, LATEST EDITION, APPENDIX D, THE FOLLOWING MINIMUM CHARACTERISTICS MUST BE ACHIEVED, UNLESS MANUFACTURER'S DOCUMENTATION PERMITS FULLY RATED INSTALLATIONS WITH ALTERNATE CHARACTERISTICS:
    a. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308;
    b. ANCHORS SHALL BE INSTALLED IN HOLES DRILLED WITH A ROTARY IMPACT DRILL OR ROCK DRILL;
    c. CONCRETE AT TIME OF ANCHOR INSTALLATION SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 psi;
    d. CONCRETE AT TIME OF ANCHOR INSTALLATION SHALL HAVE MINIMUM AGE OF 21 DAYS (ACI 318-11 D2.2.2);
    e. INSTALLATION SHALL FOLLOW MANUFACTURERS REQUIREMENTS BASED ON SUBSTRATE, INSTALLATION AND IN-SERVICE TEMPERATURES.

10. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS, BY HILTI FERROSCAN, GPR, X-RAY, CHIPPING OR OTHER MEANS.

11. ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE DRILL BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-11 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-11 D.9.2.4.

CLIENT:
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
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PROJECT NUMBER:
16640E-01-02

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DRAWING PHASE:
ISSUE FOR BIDDING

SEAL:
Ronald Charles Carr
PE-039778-E

SHEET TITLE:
GENERAL NOTES

REV	DATE	DESCRIPTION

SCALE: AS NOTED
DATE: 08/15/2022
DRAWN BY: KCB/SGY
CHECKED BY: KCB

SHEET NUMBER:
S5

SALT DESIGN STUDIO FILE NO.:
2003

ELECTRICAL LEGEND

X-1	HOMERUN TO DESIGNATED PANEL IN MINIMUM 3/4" CONDUIT WITH AN INSULATED GROUND WIRE. U.O.N. "X-1" INDICATES PANELBOARD AND CIRCUIT NO. RESPECTIVELY.
	CIRCUIT (IN MINIMUM 3/4"C, UON) CONCEALED IN WALL OR ABOVE CEILING WITH MINIMUM INSULATED GROUND WIRE (MINIMUM #12 AWG, UON) FOR EACH CONDUIT RUN #12 AWG WIRE. NO. OF HATCHES INDICATE NO. OF PHASE & NEUTRAL WIRES.
	20A, 125V, 2P, 3W GROUNDING TYPE COMBINATION DUPLEX RECEPTACLE WITH 2 USB POWER PORTS IN SUITABLE CONCEALED WALL MOUNTED BOX, MH 18" AFF, UON.
	20A, 125V, 2P, 3W GROUNDING TYPE COMBINATION DUPLEX RECEPTACLE WITH 2 USB POWER PORTS MOUNTED 8" ABOVE THE COUNTERTOP.
	20A, 125V, 2P, 3W GROUNDING TYPE COMBINATION DUPLEX RECEPTACLE WITH 2 USB POWER PORTS IN SUITABLE CONCEALED WALL BOX MOUNTED 34" AFF.
	DOUBLE DUPLEX 20A, 125V, 2P, 3W GROUNDING TYPE COMBINATION RECEPTACLE WITH 2 USB POWER PORTS IN SUITABLE CONCEALED WALL MOUNTED BOX, MH 18" AFF, UON.
	20A, 125V, 2P, 3W GFCI TYPE RECEPTACLE MH=18" AFF, UON, OUTDOOR.
	PROVIDE DATA OUTLET IN CONCEALED WALL BOX. MH=18" AFF., U.O.N. PROVIDE EMPTY 3/4" C WITH NYLON PULL LINE. FROM OUTLET BOX UP TO MINIMUM 12" ABOVE CEILING.
	TELEPHONE OUTLET IN CONCEALED WALL BOX, MH=18" AFF. PROVIDE EMPTY 3/4" C WITH NYLON PULL LINE. FROM OUTLET BOX UP TO MINIMUM 12" ABOVE CEILING. INDICATES TWO VOICE OUTLETS AND ONE DATA OUTLET.
2/40	DISCONNECT SWITCH IN NEMA TYPE-1 ENCLOSURE, NONFUSED, LOCKABLE HANDLE, AMP/VOLTAGE/POLE AS NOTED ON DRAWING. (2 POLE 60 SWITCH 40A FUSES)
	SINGLE SPECIAL RECEPTACLE. TYPE AS NOTED M.H.= 1'-6" AFF UNLESS NOTED OTHERWISE
	PANELBOARD 120/208V. WALL MOUNTED. TOP CB IN PANEL SHALL BE MAXIMUM 72" AFF.
$M	FRACTIONAL HORSE POWER MANUAL STARTER SWITCH MELTING ALLOY TYPE THERMAL OVERLOAD, 2 POLES, 125V WITH RED PILOT LIGHT IN NEMA 3R ENCLOSURE, WALL MOUNTED AT 48"AFF.
	COMBINATION MAGNETIC MOTOR STARTER. FURNISHED BY MECHANICAL, INSTALLED BY ELECTRICAL.
1	DENOTES DRAWING NOTES.
A	RECESSED LIGHTING FIXTURE. LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE. CROSS HATCHING IN FIXTURE INDICATES A FIXTURE ON AN EMERGENCY CIRCUIT.
A	WALL MOUNTED LIGHTING FIXTURE. LETTER DESIGNATIONS CORRESPOND WITH LIGHTING FIXTURE SCHEDULE.
	UNIVERSAL MOUNTED EMERGENCY EXIT SIGN, CEILING MOUNTED, WALL MOUNTED.
	SELF CONTAINED EMERGENCY LIGHTING – SINGLE HEAD UNIT , DUAL HEAD UNIT
A	2'X2' LED FIXTURE. LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE.
	2'X4' LED FIXTURE. LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE.
J	JUNCTION BOX.
A	LED FIXTURE. LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE.
X	4' LED FIXTURE. DIAGONAL LINE INDICATED FIXTURE WITH INTEGRAL BATTERY PACK. UPPER CASE LETTER DESIGNATIONS CORRESPOND TO LIGHTING FIXTURE SCHEDULE.
	ELECTRICAL MOTOR
	EXHAUST FAN
	RESIDENTIAL SMOKE/CARBON MONOXIDE DETECTOR WITH DUAL VOLTAGE 120V,1ø.
SD	SMOKE DETECTOR, CEILING MOUNTED.
HD	HEAT DETECTOR, CEILING MOUNTED.
	ELECTRIC COMPANY METER.
	FIRE ALARM AUDIO/VISUAL DEVICE WALL MOUNTED MH=72"AFF.
	COMBINATION FIRE ALARM PULL STATION WITH AUDIO/VISUAL DEVICE. PULL STATION MH=48"AFF, AUDIO/VISUAL DEVICE MH=72" AFF.
F	FIRE ALARM PULL STATION, MOUNTING HEIGHT = 48" AFF.
FS	WATER FLOW SWITCH.
TS	WATER TAMPER SWITCH.
FAAP	FIRE ALARM GRAPHIC ANNUCIATOR PANEL MH = 72" TO TOP OF PANEL.
FACP	FIRE ALARM CONTROL PANEL, MH=72" TO TOP OF PANEL 8 ZONES, 120V.1ø, (EXPANDABLE TO 32 ZONES). ALL WIRING ACCESORIES SHALL BE PROVIDED PER MANUFACTURER'S INSTRUCTIONS. FACP SHALL BE SIMPLEX- MODEL #4005 OR EQUIVALENT. CONTRACTOR SHALL PROVIDE SHOP DRAWING WITH ALL WIRING & ACCESSORIES PER NFPA 72 FOR APPROVAL.
DD	DUCT SMOKE DETECTOR
	TELEPHONE BACKBOARD, 3/4"THK. X 48"W. X 48"H. U.O.N.
	20A, 125V, 2P, 3W GROUNDING TYPE COMBINATION DUPLEX RECEPTACLE WITH 2 USB POWER PORTS IN SUITABLE CONCEALED FLUSH FLOOR BOX

GENERAL ELECTRICAL NOTES

1. ALL ELECTRICAL MATERIAL AND INSTALLATION SHALL BE IN CONFORMITY WITH THE APPLICABLE CURRENT STANDARDS, RULES, REGULATIONS, AND SPECIFICATIONS OF THE FOLLOWING AUTHORITIES:
-NFPA 70 (NATIONAL ELECTRICAL CODE)
-NFPA 101 (LIFE SAFETY CODE)
-NBFU (NATIONAL BOARD OF FIRE UNDERWRITERS)
-ADA (AMERICANS WITH DISABILITIES ACT)
-NEMA (NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION)
-IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
-ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE)
-ALL LOCAL AUTHORITIES HAVING JURISDICTION

2. THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS AS REQUIRED TO MEET THE DESIGN INTENT OF THESE DOCUMENTS. COORDINATE WITH FIELD CONDITIONS AT THE JOB SITE AND ALL OTHER TRADES TO DETERMINE ALL ELECTRICAL CONNECTIONS THAT MAY BE REQUIRED. ALL ELECTRICAL MATERIAL AND WORK SHALL HAVE A MINIMUM ONE YEAR GUARANTEE PERIOD TO BEGIN AT THE DATE OF FINAL ACCEPTANCE BY THE OWNER.

3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL REQUIRED PERMITS AND INSPECTIONS FROM THE AUTHORITY HAVING JURISDICTION.

4. ALL WIRING INSTALLED WITHIN A RETURN AIR PLENUM SHALL BE RATED FOR SUCH AN APPLICATION.

5. INSTALL CONDUIT AND JUNCTION BOXES CONCEALED IN FINISHED SPACES.

6. ALL EQUIPMENT SHALL BE UL LISTED AND LABELED.

7. ALL CONDUCTORS SHALL BE IDENTIFIED. ALL CONDUCTORS SHALL BE COPPER WITH 600V INSULATION. CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID COPPER WITH TYPE THHN/THWN, 90°C INSULATION. ALL CONDUCTORS 6 AWG AND LARGER SHALL BE STRANDED COPPER WITH TYPE THHN/THWN INSULATION RATED AT 90°C. AMPACITY OF CONDUCTORS SHALL BE AT 75°C RATING OR RATING OF TERMINATION, WHICHEVER IS LESS.

8. ELECTRICAL CONTRACTOR MAY UTILIZE TYPE MC CABLE IN LIEU OF CONDUIT AND WIRE IN INTERIOR, DRY, FURRED LOCATIONS WHEN PERMITTED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

9. PROVIDE "HACR" CIRCUIT BREAKERS FOR HVAC EQUIPMENT.

10. CIRCUIT NUMBERS ARE FOR IDENTIFICATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING FOR CORRECT PHASING WITHIN THE PANELS THEMSELVES. DO NOT INSTALL MORE THAN (3) SINGLE PHASE CIRCUITS WITHIN ANY ONE CONDUIT. AT COMPLETION OF WORK, ALL PANELS SHALL BE LOAD BALANCED UNDER NORMAL OPERATING CONDITIONS. PROVIDE TYPEWRITTEN PANEL DIRECTORY FOR ALL PANELBOARDS. DIRECTORY SHALL INCLUDE TYPE OF LOAD SERVED AND ROOM NUMBERS OF CIRCUIT LOCATION.

11. THE QUANTITY OF WIRES FOR CIRCUITS SHALL BE AS INDICATED AT THOSE AREAS WHERE CLARIFICATION IS REQUIRED IN ORDER TO INSURE THE PROPER OPERATION OF THE SYSTEM.

12. WIRING SHALL BE #12 AWG MINIMUM UNLESS OTHERWISE INDICATED. CONDUIT SHALL BE EMT WITH COMPRESSION FITTINGS, 3/4" MINIMUM SIZE UNLESS OTHERWISE INDICATED.

13. COORDINATE ALL LIGHT FIXTURE TYPES WITH THE ARCHITECTURAL DRAWINGS. SHOULD THERE BE A DISCREPANCY BETWEEN THE TWO, CONTACT THE ARCHITECT PRIOR TO THE PURCHASE OF ANY FIXTURES. VERIFY COMPATIBILITY WITH FINISHES. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION IMMEDIATELY.

14. THE ELECTRICAL PLANS ARE DIAGRAMMATIC IN NATURE; DIMENSIONS SHOWN ARE AT A MINIMUM. ALL WRITTEN DIMENSIONS ON THESE PLANS SHALL TAKE PRIORITY OVER SCALED DIMENSIONS. CONTACT ARCHITECT SHOULD THERE BE ANY DISCREPANCIES BETWEEN WHAT IS SHOWN ON THE PLANS AND WHAT EXISTS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK. SHOULD EXACT DIMENSIONS BE REQUIRED, REFER TO THE ARCHITECTURAL PLANS.

15. MOUNTING HEIGHTS OF DEVICES, UNLESS NOTED OTHERWISE, ARE TO THE CENTERLINE OF THE EQUIPMENT. THE EXCEPTION TO THIS IS LIGHTING FIXTURES; MOUNTING HEIGHTS INDICATED ARE TO THE BOTTOM OF THE FIXTURE. COORDINATE ALL MOUNTING HEIGHTS OF THE VARIOUS DEVICES IN ORDER TO PROVIDE FOR A FINAL INSTALLATION THAT IS CONSISTENT THROUGHOUT THE SPACE.

16. ANY CUTTING AND PATCHING SHALL BE PERFORMED IN A MANNER THAT IS ACCEPTABLE TO THE ARCHITECT AND SHALL MATCH THE SURROUNDING SURFACES.

17. VERIFY DOOR SWINGS PRIOR TO LIGHT SWITCH INSTALLATION. GENERALLY, INSTALL SWITCHES ON LATCH SIDE OF DOOR.

18. GANG MULTIPLE SWITCHES UNDER ONE COVER PLATE.

19. COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL OUTLETS, SWITCHES, AND LIGHTING FIXTURES. DO NOT USE ENGINEERING PLANS FOR LOCATING DEVICES. SHOULD A CONTRACTOR PLACE A DEVICE BASED ON THE ENGINEER'S PLANS AND IT IS NOT LOCATED AS PER THE ARCHITECT'S PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS RELOCATION AT HER/HIS COST.

20. OUTLET BOXES SHALL BE INSTALLED SUCH THAT THEY ARE NOT BACK-TO-BACK; PROVIDE AN 8" MINIMUM OFFSET. ALL ELECTRICAL OUTLETS SHALL HAVE A TAG BEHIND THE COVERPLATE INDICATING THE PANELBOARD AND CIRCUIT NUMBER FROM WHICH THEY ARE FED.

21. ELECTRICAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL EQUIPMENT. IF APPROVED SUBMITTALS ARE FOR EQUIPMENT THAT DIFFERS WITH WHAT WAS SPECIFIED BY THE DESIGN ENGINEER, THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR INSURING THAT THIS EQUIPMENT IS EQUIVALENT TO THE ORIGINAL SPECIFIED EQUIPMENT AND ANY ADDITIONAL WORK OR COST AS A RESULT OF USING DIFFERING EQUIPMENT SHALL BE ABSORBED BY THE CONTRACTOR.

22. THE ELECTRICAL SYSTEM SHALL BE FULLY GROUNDED; PROVIDE SEPARATE GROUND WIRE IN FEEDER AND EACH BRANCH CIRCUIT WHETHER INDICATED ON THE PLANS OR NOT.

23. WIRING FOR 20A BRANCH CIRCUITS SHALL BE SIZED AS INDICATED BELOW.

120V CIRCUIT LENGTH (FT.)	AWG	277V CIRCUIT LENGTH (FT.)	AWG
0-75	#12	0-150	#12
75-150	#10	151-300	#10
151-200	#8	301-400	#8

24. WORK AREA SHALL BE LEFT CLEAN AT THE END OF EACH BUSINESS DAY.

25. ALL PENETRATIONS OF FIRE RATED WALL ASSEMBLES SHALL BE PROTECTED WITH AN APPROVED FIRESTOP SYSTEM OR IN ACCORDANCE WITH IBC SECTION 712.3.1 WHERE APPLICABLE.

26. ALL PANELBOARD BUSSES AND GROUND BARS SHALL BE COPPER. BUS BAR SIZE SHALL BE BASED ON CURRENT DENSITY OF 1000A PER SQUARE INCH OF CROSS SECTIONAL AREA. PANELBOARDS SHALL BE FULLY RATED. CIRCUIT BREAKER SHALL BE BOLT ON TYPE. SUB-FEED CIRCUIT BREAKERS ARE NOT ACCEPTABLE.

27. ALL DISCONNECT SWITCH CURRENT CARRYING COMPONENTS SHALL BE COPPER.

28. THE CONTRACTOR SHALL VERIFY THAT ALL THE LIGHTING FIXTURES, RECEPTACLES, DEVICES, WIRING, EQUIPMENT, AND THEIR INSTALLATION COMPLY WITH ALL THE NEC AND LOCAL CODE REQUIREMENTS FOR THE TYPE OF CONSTRUCTION AND OCCUPANCY REQUIREMENTS FOR THIS PROJECT. PROVIDE HANGERS AS REQUIRED BY CODE.

29. THE CONTRACTOR SHALL FURNISH AND INSTALL THE LIGHTING FIXTURES AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN. IF THERE IS NO ARCHITECTURAL REFLECTED PLAN, CONTRACTOR SHALL COORDINATE LOCATION OF FIXTURES SHOWN ON THE ELECTRICAL PLANS WITH ARCHITECT AND OTHER TRADES AND FIELD CONDITIONS.

30. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL LAMPS REQUIRED (ALL LAMPS FOR SIMILAR FIXTURES SHALL MATCH). VERIFY MANUFACTURER AND MODEL OF BASE BUILDING FIXTURES WITH THE BUILDING OWNER'S REPRESENTATIVE.

31. THE FINAL LOCATION OF SWITCHES, OUTLETS AND OTHER DEVICES SHALL BE FIELD COORDINATED AND SHALL MEET ALL LOCAL CODE REQUIREMENTS (INCLUDING ALL HANDICAPPED CODES AND ADA REQUIREMENTS).

32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING ALL CIRCUITS, LIGHTING FIXTURES, OUTLETS AND ALL OTHER DEVICES FOR THEIR PROPER OPERATION (INCLUDING ALL GROUNDING).

33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND PERFORMING ALL TEST AND INSPECTIONS REQUIRED BY THE LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.

34. THE CONTRACTOR SHALL REFER TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL LIGHTING FIXTURES, RECEPTACLES, DEVICES AND EQUIPMENT. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL HARDWARE, PARTS, AND ACCESSORIES REQUIRED FOR THEIR PROPER INSTALLATION AND OPERATION (INCLUDING ALL PARTS, ACCESSORIES, AND SAFETY DEVICES REQUIRED BY CODE).

35. THE CONTRACTOR SHALL REFER TO ALL DRAWINGS, DETAILS, AND SPECIFICATIONS RELATED TO THIS PROJECT FOR ADDITIONAL REQUIREMENTS.

36. THE CONTRACTOR SHALL INSTALL ALL WIRING AND CONDUIT CONCEALED IN PARTITIONS AND ABOVE THE CEILING, UNLESS OTHERWISE INDICATED.

37. THE CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK WITH ALL FIELD CONDITIONS AT THE JOB-SITE AND ALL OTHER TRADES INVOLVED.

38. ALL WIRING, CONDUIT, AND JUNCTION BOXES SHALL BE COLOR CODED, IDENTIFIED, AND LABELED. ALL WORK AND INSTALLATION SHOWN ON THESE DRAWINGS SHALL BE DONE BY A LICENSED CONTRACTOR WITH EXPERIENCE IN THE TYPE OF WORK REQUIRED FOR THIS PROJECT.

39. THE CONTRACTOR SHALL COORDINATE THE MANUFACTURER, MODEL, COLOR AND FINISH FOR ALL NEW RECEPTACLES, OUTLETS AND COVERPLATES WITH THE ARCHITECT (UNLESS A SPECIFIC COLOR CODING IS REQUIRED BY CODE).

40. ALL PANELS AND CIRCUIT BREAKER CAPACITY RATINGS AND THEIR CONSTRUCTION SHALL MEET ALL LOCAL CODE REQUIREMENTS.

41. THE CONTRACTOR SHALL IDENTIFY AND LABEL ALL CIRCUITS.

42. COORDINATE THE LOCATION AND INSTALLATION OF EXIT SIGN LIGHTING FIXTURES AT THE JOB-SITE AS REQUIRED TO INDICATE THE EXIT PATH AS REQUIRED BY CODE AND TO ASSURE PROPER VISIBILITY.

43. PROVIDE CAST METAL JUNCTION BOXES AND CONDUIT FOR CIRCUITS BEING INSTALLED IN EXPOSED VISIBLE LOCATIONS.

45. PROVIDE CAST METAL JUNCTION BOXES AND CONDUIT WITH PULL STRING FOR TELEPHONE AND DATA CIRCUITS BEING INSTALLED IN EXPOSED VISIBLE AREAS.

ELECTRICAL ABBREVIATIONS

(ETR)	EXISTING TO REMAIN
(N)	NEW
(RX)	REMOVE
(TBR)	EXISTING TO BE RELOCATED
(E)	RELOCATION POINT
A, AMP	AMPERE
AC	ALTERNATING CURRENT
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AT	AMP TRIP
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
BLDG	BUILDING
C, COND	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
DIA	DIAMETER
DISC	DISCONNECT
DN	DOWN
DWG	DRAWING
EC	EMPTY CONDUIT
ECB	ENCLOSED CIRCUIT BREAKER
EG	EQUIPMENT GROUND
ELEC	ELECTRICAL
EMERG	EMERGENCY
EQUIP	EQUIPMENT
ESB	ENERGY SAVING BALLAST
ETR	EXISTING TO REMAIN
EX	EXISTNG
EWC	ELECTRIC WATER COOLER
F/A, FA	FIRE ALARM
FAAP	FIRE ALARM ANNUCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
F/N	FULL NEUTRAL
FSS	FUSED SAFETY SWITCH
G, GND	GROUND
GFI	GROUND FAULT INTERRUPTER
HP	HORSEPOWER
HPF	HIGH POWER FACTOR
IG	ISOLATOR GROUND
INCAND	INCANDESCENT
JB	JUNCTION BOX
KAIC	THOUSANDS OF AMPS INTERRUPTING CAPACITY
KCMIL, MCM	THOUSANDS CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT AMPS
KW	KILOWATT
LTG	LIGHTING
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
N/A	NOT APPLICABLE
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NF	NON-FUSABLE
NFSS	NON-FUSED SAFETY SWITCH
NO	NORMALLY OPEN
NTS	NOT TO SCALE
ø	PHASE
P	POLE
PNL	PANELBOARD
PRI	PRIMARY
QTY	QUANTITY
REC, RECEPT	RECEPTACLE
REQ'D	REQUIRED
RM	ROOM
SCHED	SCHEDULE
SD	SMOKE DETECTOR
SP	SINGLE POLE
SW	SWITCH
T, XFMR, T/F	TRANSFORMER
TEL	TELEPHONE
TYP	TYPICAL
UNF	UNFUSED
UON	UNLESS OTHERWISE NOTED
V	VOLT, VOLTAGE
VA	VOLT AMP
W	WATT, WIRE
WP	WEATHERPROOF
W/	WITH
#	NUMBER

ELECTRICAL DRAWING LIST

CLIENT:
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA

PROJECT NAME & ADDRESS:
ZIEHLER PLAYGROUND & RECREATION CENTER
200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:
16640E-01-02

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DRAWING PHASE:
100% CONSTRUCTION DOCUMENTATION

SEAL:
COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MARK BRIAN WASHINGTON
ENGINEER NO. 34881-E

SHEET TITLE:
LEGEND, ABBREVIATIONS & NOTES

REV	DATE	DESCRIPTION

SCALE: AS NOTED
DATE: 06/24/2022
DRAWN BY: WOJ
CHECKED BY: MBW

SHEET NUMBER:
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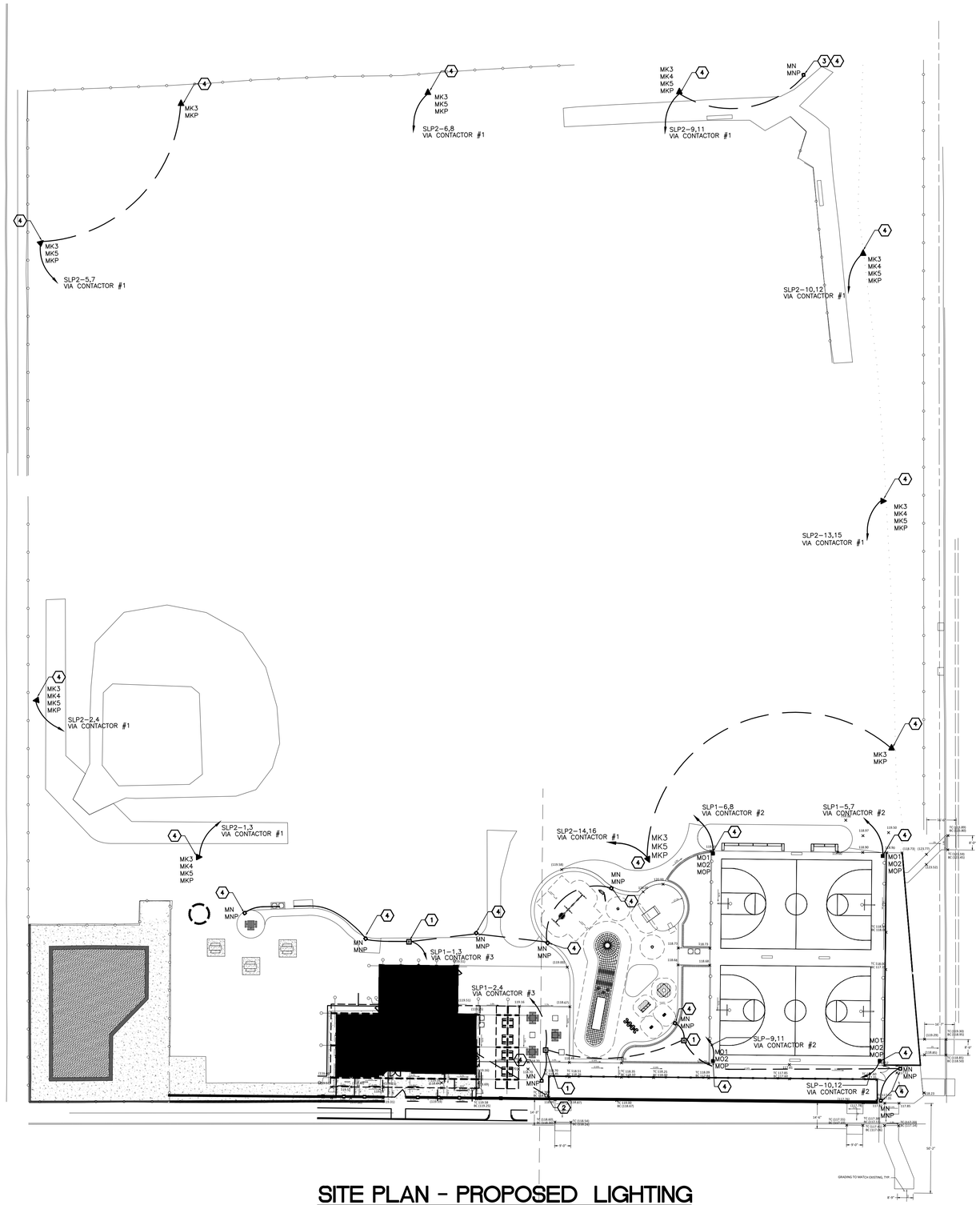
SALT DESIGN STUDIO FILE NO.: 2003



SITE PLAN - PROPOSED LIGHTING

SCALE: 1/32"=1'-0"

SITE PLAN LEGEND

- vJ — 36" LIGHT BOLLARD
- vK — POLE MOUNTED 8-HEAD LIGHT STRUCTURE
- vN — PEDESTRIAN SCALE WALKWAY SINGLE HEAD ON 14' POLE
- vO — POLE MOUNTED COURT LIGHT
- T — PROPOSED LOCATION OF NEW PAD MOUNTED POWER CO. TRANSFORMER
- H — PROPOSED LOCATION OF NEW 18"X18" FLUSH GROUND MOUNTED HAND BOX
- E — PROPOSED ROUTE OF NEW UNDERGROUND ELECTRICAL CONDUIT
- T — PROPOSED ROUTE OF NEW UNDERGROUND COMMUNICATION CONDUIT
- PROPOSED ROUTE OF NEW UNDERGROUND DUCT BANK OR DIRECT BURIAL CABLE.
- PROPOSED LOCATION OF NEW HOMERUN BACK TO PANEL. FIELD COORDINATE WITH OTHER UNDERGROUND UTILITIES AND SECONDARY CONDUIT RUNS.

GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO LIGHTING DESIGNER'S DRAWINGS, "EL" SERIES FOR LOCATION OF ALL LIGHT FIXTURES, ASSOCIATED LIGHTING CONTROLS AND DESCRIPTIONS OF ALL LIGHT FIXTURES. INFORMATION SHOWN ON THIS DRAWING IS FOR POWER CIRCUITRY ONLY.
2. CONTRACTOR SHALL REFER TO STRUCTURAL DRAWINGS FOR ALL POLE FOUNDATIONS.
3. THE LOCATION OF THE TVSS SHALL BE CHOSEN TO MINIMIZE THE LEAD LENGTHS BETWEEN THE TVSS AND THE CIRCUIT BREAKER TO WHICH IT IS CONNECTED. TVSS DEVICE LEADS WHICH ARE MOUNTED EXTERNAL TO THE PANEL (ENCLOSED CIRCUIT BREAKERS), MUST BE ROUTED WITHIN A METAL CONDUIT WHEN NECESSARY (RIGID NIPPLE IF POSSIBLE), AND KEPT AS SHORT AND STRAIGHT AS POSSIBLE. WIRE SIZE FOR LEAD SHALL BE AS SPECIFIED BY MANUFACTURER, MINIMUM SIZE #10 AWG, MAXIMUM SIZE #4 AWG.
4. SURGE PROTECTIVE DEVICES SHALL BE INSTALLED NEATLY. BIND THE PHASE, NEUTRAL, AND GROUND CONDUCTORS TIGHTLY, OVER THE ENTIRE RUN, FROM THE SUPPRESSOR TO THE PANEL (ENCLOSED CIRCUIT BREAKER). AND ALWAYS USE THE SHORTEST LENGTH OF CONNECTING CABLE POSSIBLE.
5. CONNECT SURGE PROTECTOR TO THE GROUNDING SYSTEM.
6. PROVIDE NEMA 4X RATED ENCLOSURE FOR ALL OUTDOOR JUNCTION BOX APPLICATIONS.
7. CONTRACTOR SHALL BE RESPONSIBLE TO SECURING A STRUCTURAL ENGINEERED DRAWING FOR ALL POLE FOUNDATIONS. DETAILS SHOWN ON THESE PLANS ARE DIAGRAMMATIC ONLY. FIELD COORDINATE.

DRAWING NOTES:

1. NEW HEAVY DUTY GROUND MOUNTED HAND BOX. CONTRACTOR SHALL SIZE PER NEC. FIELD COORDINATE LOCATION WITH OTHER UNDERGROUND SITE UTILITIES.
2. CONTRACTOR SHALL REMOVE EXISTING UNDERGROUND ELECTRICAL SERVICE TO THE BUILDING BACK TO UTILITY CO POLE. PROVIDE 2 NEW UNDERGROUND CONDUITS PER DETAILS 'H' AND 'J' ON DRAWING E0.2. FIELD COORDINATE ROUTE WITH PECO AND OTHER SITE UTILITIES..
3. CONTRACTOR SHALL WIRE THIS LIGHT FIXTURE AHEAD OF ALL LOCAL SWITCHING AND TIME CLOCKS. SWITCHING FOR THIS FIXTURE SHALL BE AS DIRECTED ON THE LIGHTING DESIGNER'S DRAWINGS.
4. REFER TO STRUCTURAL DRAWINGS FOR BASIC POLE DETAIL.

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SHEET TITLE:

SITE PLAN-ELECTRICAL

REV	DATE	DESCRIPTION

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DATE: 06/24/2022

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