Family Recreational Area at Northview Heights, AMP-09

IFB#600-11-26 REBID

ADDENDUM

ATTACHMENT E

UPDATED CONSTRUCTION DRAWINGS SET

PART 1 OF 4

NVH Family Recreational Area

525 Mt Pleasant, Pittsburgh, PA 15214



Building Code Summary - Commercial

Code: 2018 International Commercial Building Code(IBC), New Construction
Construction Type: V
Occupancy Classification : Group U, Utility Building for function. This is not addressed in the 2018 IBC.
Occupancy Load Capacity: This is a miscellaneous structure and is not addressed in the 2018 IBC. Under Section 1004.5, Exception: Where approved by the fire code official, the actual number of occupants for whom each occupied space, floor or building is designed, although less than those determined by calculation, shall be permitted to be used in the determination of the design occupant load. The restrooms designs have been reviewed by the Allegheny Department of Health, Department of Plumbing and advised on fixture counts.

Women's restroom (167 sq. ft.) - two toilets and two lavatories (4 to 15 people)
Men's restroom (166.5 sq. ft.) – one toilet, one urinal and two laboratories.(4 to15 people)
Mechanical and Janitorial rooms are 64.5 sq ft total. (2mechanical + 1 janitorial)

Means of Egress Sizing: **Section 1005.3.2 Other Egress Components,** entrance doors are 3'-0" clear width exit. capacity of 180 people (36" door/0.2 " per area served = 180). The egress exits capacity. provided exceeds the required exit capacity and meets code requirements.

1603.1 General.
Construction documents show the size section a relative location of structural remembrance with floor levels column centers and offsets dimension the design loads and other information pertaining to structural design required by section 1603.1.1 and160.3.9 should be indicated on the construction documents.

1603.2 Roof Live Load.
The roof live load used in this design shall be indicated for roof areas section 1607.13 (Refer to General Notes S1.0)

1603.1.3 Roof Snow Load Data.

The ground snow load *Pg* shall we indicated in the areas where the ground snow loads *Pg* exceeds 10 lbs. per square foot. (Refer to General Notes S1.0)

1604.1 General.

Building structures and parts thereof shall be designed and constructed in accordance with strength design load and resistance factor designed, allowable stress design, empirical design, or conventional construction methods, as for permit permitted by applicable material chapters and reference standard.

We are building a new one-story public restroom: for the City of Pittsburgh Housing Authority, project located at North View Heights community, 525 Mt Pleasant Road, Pittsburgh, PA 15214 The new public restroom will be in the Family Recreational Area.

Site Items

Parcel ID: City of Pittsburgh: 0077-D-00046-0000-00, 1306 Chicago St, Pittsburgh, PA 15214
Address: 525 Mt Pleasant Road, Pittsburgh, PA 15214 (Housing Authority of City of Pittsburgh's address)
Land disturbance: 648 square feet of Parcel ID with 84.5270 acres.

Accessible evaluation: Pathway to restrooms and recreations area with signage: Applied to drawings.
2021 IBC Chapter 11 & [2009 ICC A117.1 Accessible and Usable Buildings & Facilities].

- Accessible Routes: [1104.1 Site arrival points. 1112.1 Signs Required by Section 1106.2. [404].
- Parking with painted marking and signage: 1106.1 General. 1112.1 Signs Required by Section 1106.2.
- Public Restroom: 1112.2 Signs identifying toilet or bathing rooms [Section 403-403.4 IPC].
- 308 Reach Range: Recreational Area - Table and seating: 308.2 Forward Reach
- 307.4 Vertical Clearance. The vertical clearance shall be 80 inches.
- Recreational Area - Hi/Low drinking fountains: Chapter 6 S602.1 – S602.6
- Playground equipment – dry and wet: 1111.4.13 Play Area. [402.2 Components].

Structure: Public Restroom: Concrete block structure with wood trusses and metal roof.
Structure: Recreational Area: Concrete walk, stairs & splash pad.

Restroom: Seasonal – No Heating or conditioned space. The building is locked and not used in the winter. It is a low energy building and is exempted from the building thermal envelope requirements.

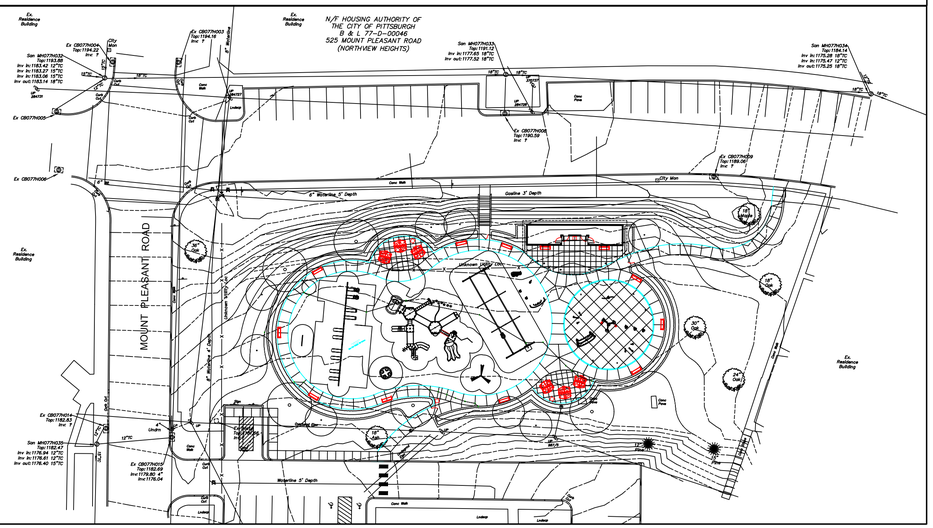
- Utilities: Electricity, water, and ventilation. No Heating or conditioned space, "seasonal."
- Energy Compliance: 2018 IECC C401.2. **Low energy Building**: 2018 C402.2.1 [Zone 5A value 13]
- COMcheck - electrical energy requirements - submitted. The electrical energy requirements for lighting would be required to comply under the electrical permit application.

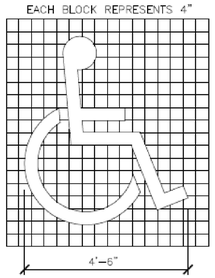
Zoning permit: DCP-ZDR-2023-02057 was submitted and approved.

Property Information:
Project Type: New construction of North View Heights - Family Recreation Area Restroom
Owners: Housing Authority City of Pittsburgh.
Site Address: 525 Mt Pleasant Road, Pittsburgh, PA 15214
Parcel ID - City of Pittsburgh: 0077-D-00046-0000-00
Zoning District: R1D-L
Allegheny County Record of deeds:
Area within the City of Pittsburgh = acres 84.5270
Total area of Parcel 1 = 84.5270 acres
Setbacks: Front 30 feet, Rear 30 feet,
Exterior Side yard 30 feet, Interior side yard 5 feet
Total Lot square footage: = 5,000 sq. ft.
Current Use Classification: Single Unit Detached Residential District.
Lot and Block: 0077D00046000000
Municipality : 126 26th Ward – PITTSBURGH

Applicable Codes: Building: 2018 International Building Code
Mechanical: 2018 International Mechanical Code
Plumbing: 2018 International Plumbing Code
Electrical: 2017 International Electrical Code
Fire Safety: 2018 International Fire Safety Code
Energy Code: 2018 International Energy Conservation Code
Accessibility: 2021 IBC International Building Code

- 2018 International Accessibility Guidelines CH – 11-
- 2009 ICC A117.1 Accessible and Usable Buildings & Facilities


N/F HOUSING AUTHORITY OF THE CITY OF PITTSBURGH B & L 77-D-00046 525 MOUNT PLEASANT ROAD (NORTHVIEW HEIGHTS)
MOUNT PLEASANT ROAD
Ex. Residence Building
Ex. Residence Building
Ex. Residence Building



NOTES:

1. PAINT MARKING TO BE 4" WIDE. (COLOR – WHITE) SYMBOL TO BE CENTERED IN PARKING SPACE.
2. PROVIDE TYPE 1 – CONVENTIONAL TRAFFIC PAINT (COLOR – WHITE) AND DISPENSE IN A WET-FILM THICKNESS OF 15 MILS ± 1 MIL IN ACCORDANCE WITH PENNDOT PUBLICATION 408, SECTION 962, LATEST EDITION. PAINT SHALL BE PENNDOT APPROVED.
3. NEATLY APPLY PAVEMENT PAINT MARKINGS AT LOCATIONS INDICATED WITH NO OVERSPRAY. USE TEMPLATES AS REQUIRED.

Handicap Symbol Paint Marking

SCALE: NTS

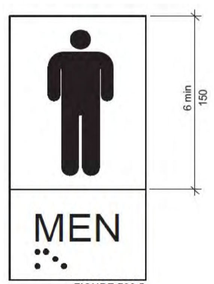


FIGURE 703.5
PICTOGRAM FIELD



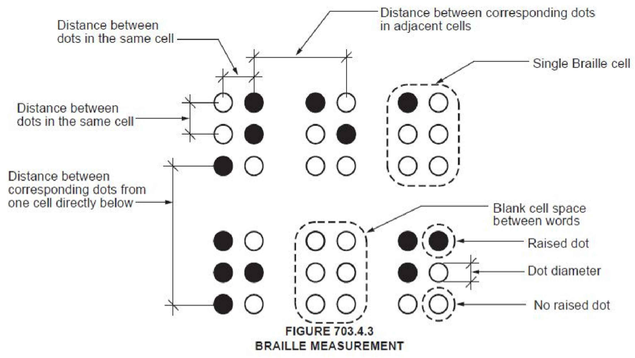


FIGURE 703.4.3
BRAILLE MEASUREMENT

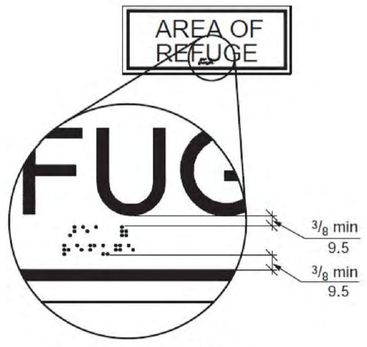
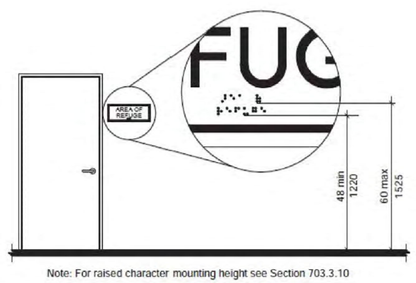


FIGURE 703.4.4
POSITION OF BRAILLE

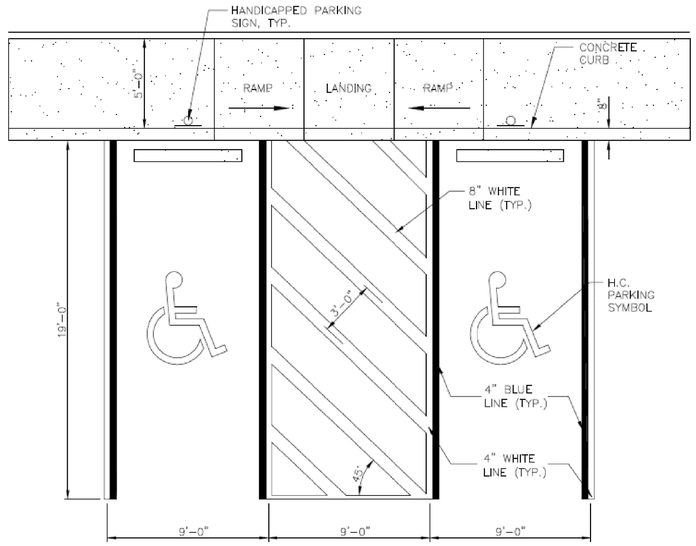


Note: For raised character mounting height see Section 703.3.10

FIGURE 703.4.5
HEIGHT OF BRAILLE CHARACTERS ABOVE FLOOR

Communication Elements and Features

SCALE: NTS

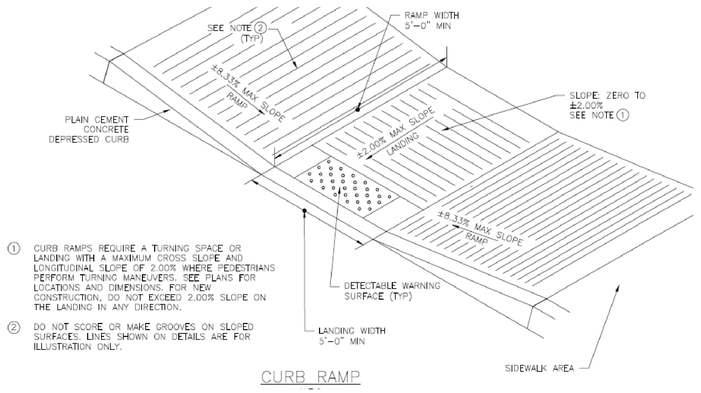


NOTES:

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2. NEATLY APPLY PAVEMENT PAINT MARKINGS AT LOCATIONS INDICATED WITH NO OVERSPRAY. USE TEMPLATES AS REQUIRED.
3. ADAPT THIS DETAIL FOR ALL HANDICAP STALLS.

Handicap Parking Area

SCALE: NTS



① CURB RAMPS REQUIRE A TURNING SPACE OR LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SEE PLANS FOR LOCATIONS AND DIMENSIONS. FOR NEW CONSTRUCTION, DO NOT EXCEED 2.00% SLOPE ON THE LANDING IN ANY DIRECTION.

② DO NOT SCORE OR MAKE GROOVES ON SLOPED SURFACES. LINES SHOWN ON DETAILS ARE FOR ILLUSTRATION ONLY.

CURB RAMP

Curb Ramp

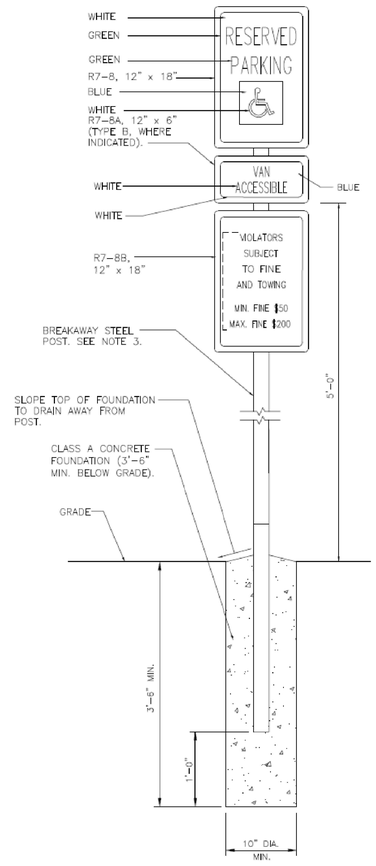
SCALE: NTS

NOTES:

1. WHERE INDICATED ON THE H.C. PARKING PLAN (THIS SHEET) TO BE VAN ACCESSIBLE, INSTALL BOTTOM OF R7-8A SIGN 4'-9" ABOVE PARKING STALL. IF NOT INDICATED TO BE VAN ACCESSIBLE, INSTALL BOTTOM OF R7-8 SIGN 5'-0" ABOVE PARKING STALL. R7-8B SIGN SHALL BE PLACED AT THE BOTTOM.
2. CENTER ONE SIGN ON EACH HANDICAP STALL. SIGNS SHALL BE BOTH POST MOUNTED AND WALL MOUNTED.
3. SIGNS SHALL BE AS SPECIFIED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION).
4. SIGNS SHALL BE MANUFACTURED FROM 18 GAUGE GALVANIZED STEEL WITH EMBOSSED WORDING. FINISH SHALL BE BAKED-ON ENAMEL.
5. FASTENERS REQUIRED TO ATTACH SIGNS SHALL BE SHALL BE STAINLESS STEEL.

NOTES:

1. CONTRACTOR SHALL FORM THE TOP 6" OF THE CONCRETE FOOTING. FOOTINGS NOT FORMED, SHALL BE REMOVED AND PROPERLY RECONSTRUCTED.
2. SIGNS SHALL BE AS SPECIFIED BY PENNDOT PUBLICATION 236 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITIONS).
3. CONTRACTOR SHALL FURNISH AND INSTALL BREAKAWAY STEEL CHANNEL BAR POSTS FOR ALL REQUIRED SIGNS IN ACCORDANCE WITH PENNDOT PUBLICATION 408, SECTION 1103.08, LATEST EDITION. POSTS SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1105.02. PAINT POSTS GREEN IN ACCORDANCE WITH ASTM-G53-84, FEDERAL COLOR NO. 595.14062.
4. FASTENERS (I.E. BOLTS, ETC.) REQUIRED TO ATTACH SIGNS TO POST SHALL BE STAINLESS OR GALVANIZED STEEL.



Handicap Parking Sign

SCALE: NTS

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JAG	SBT	04/23/24	04/23/24

Accessible Signage Details

HACP NVH - Family Recreational Area
525 Mt Pleasant Road,
Pittsburgh, PA 15214

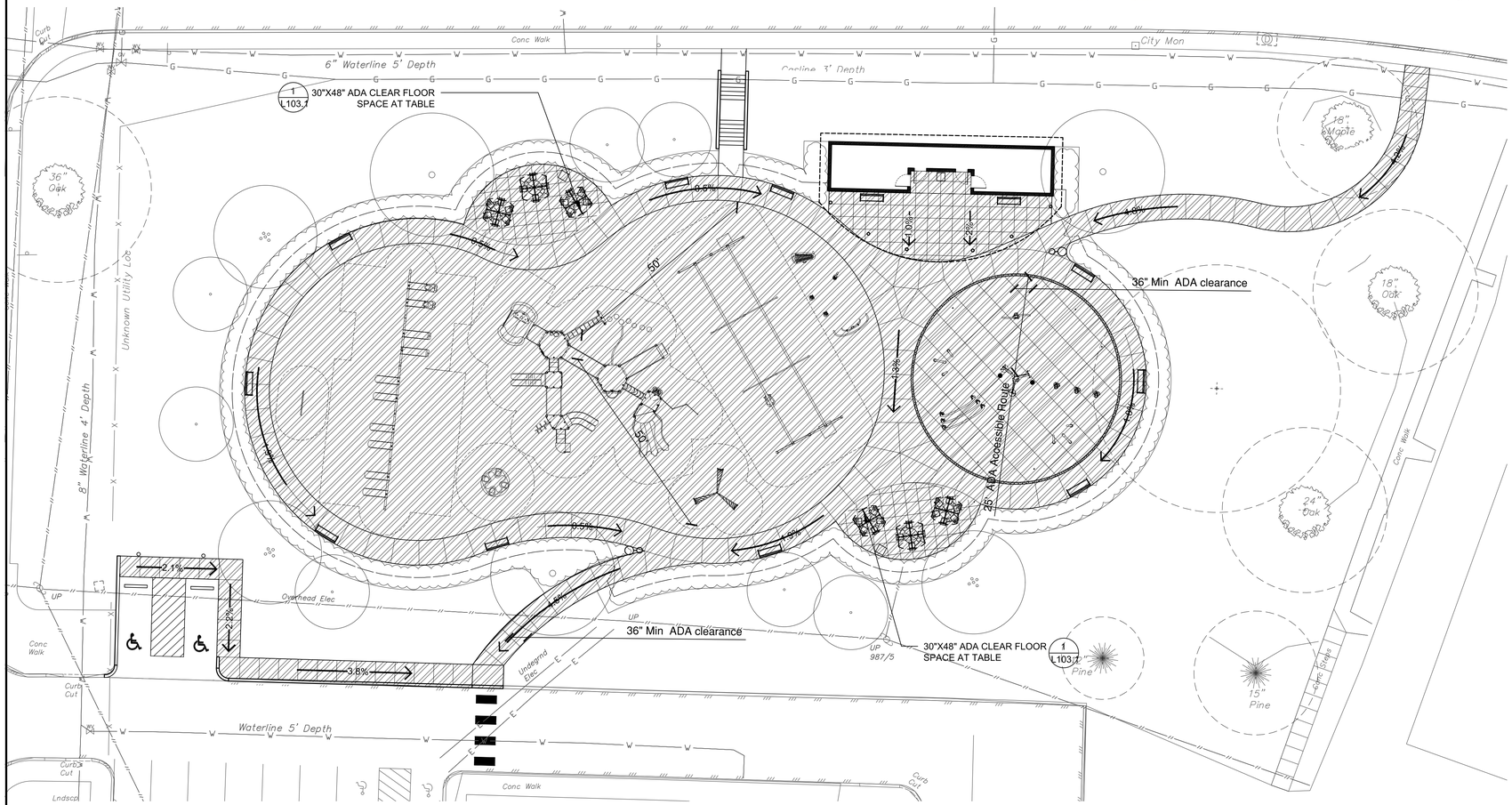
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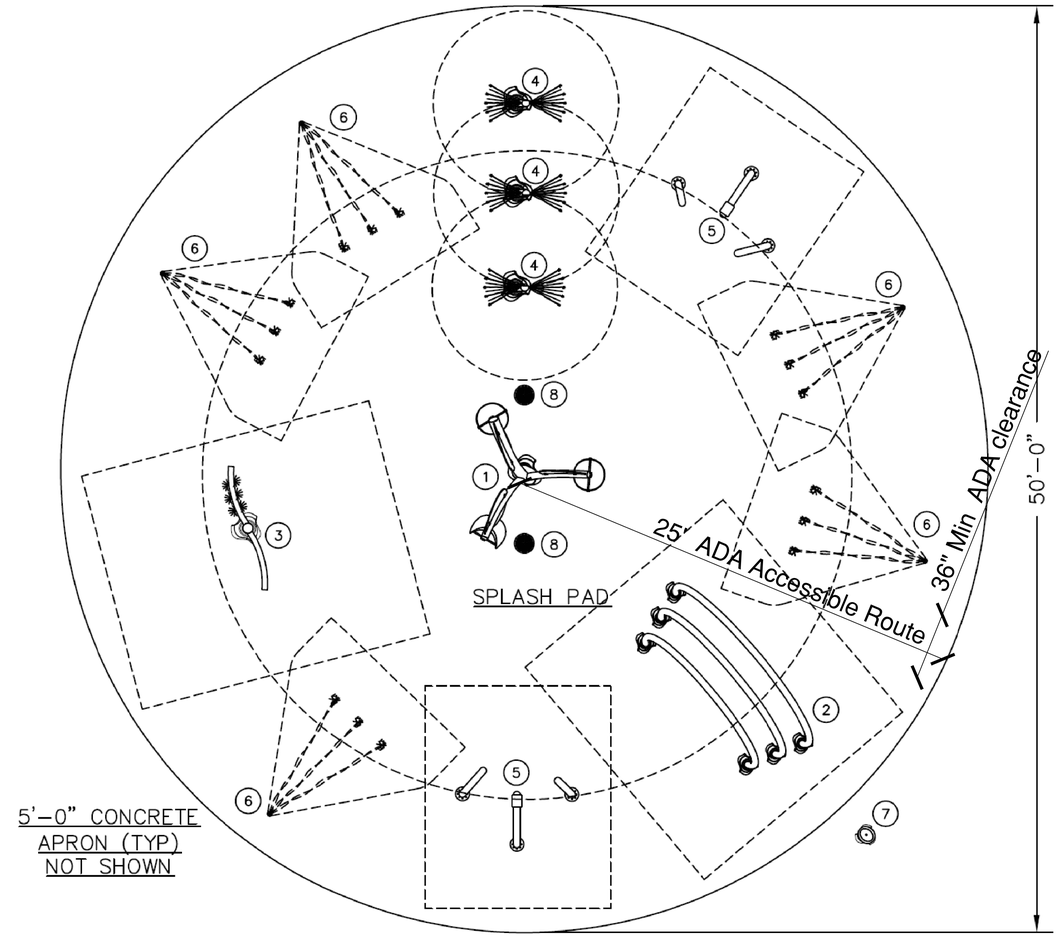
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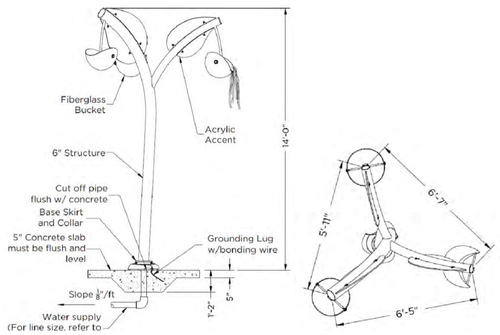




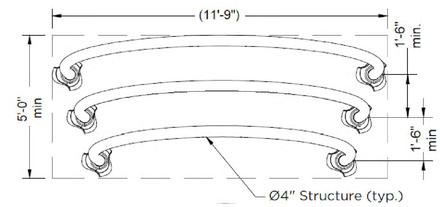

Curb Cut
Conc Walk
6" Waterline 5' Depth
1
L103.1
30"X48" ADA CLEAR FLOOR SPACE AT TABLE
City Mon
Gasline 3' Depth
18" Maple
36" Oak
18" Oak
24" Oak
15" Pine
Pine
Lobo Grass
4.6%
4.6%
4.6%



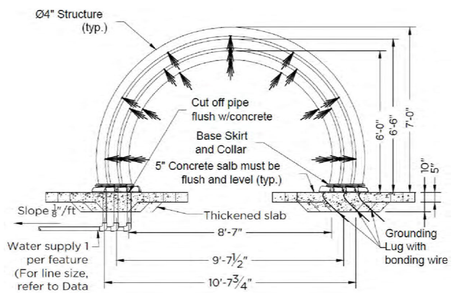
1 A0.2 Splash Pad Area - Ground Mounted Plan
SCALE: NTS



1 A0.2 Bucket Trio with Acrylic Plan
SCALE: NTS

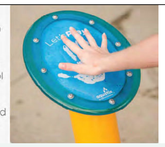


2 A0.2 Ripplerun Plan
SCALE: NTS



2 A0.2 Ripplerun Plan
SCALE: NTS

Aquavator is a structure that has a low voltage touch sensor within the cap of the bollard. When patrons touch the top of the bollard a signal will go to the control panel to activate water flow. Activation bollards activate the entire splash pad features or designed zoned areas.



- Stainless steel 4" diameter structure with 150 lb mounting flange
- Mounting hardware
- Touch sensor
- 2 piece base skirt
- 2 piece collar

Design Details

*Surface finishes and/or site furnishings shown are conceptual and provided by others.

Proposed Color Palette

Paint Colors

Acrylic Colors

Project Details

Dimensions
50'-0" Diameter

Total System Flow Rate
100 GPM

Note: Refer to Play Components - Equipment Manufacturing Products & Specifications. PDF

2009 ICC A117.1 Accessible and Usable Buildings & Facilities.

The specifications in this standard make sites, facilities, buildings, and elements accessible to and usable by people with such physical disabilities as the inability to walk, difficulty walking, reliance on walking aids, blindness and visual impairment, deafness, and hearing impairment, in coordination, reaching and manipulation disabilities, lack of stamina, difficulty interpreting and reacting to sensory information, and extremes of physical size. The intent of this standard is to allow a person with physical disability to independently get to, enter, and use a site, facility, building, or element.

These new recreational criteria are intended to provide a level of coordination between the accessible provisions of this standard and the revised Americans with Disabilities Act (ADA/ABA AG).

402 Accessible Routes
402.2 Components. Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1 :20, doors and doorways, ramps, curb ramps excluding the flared sides.

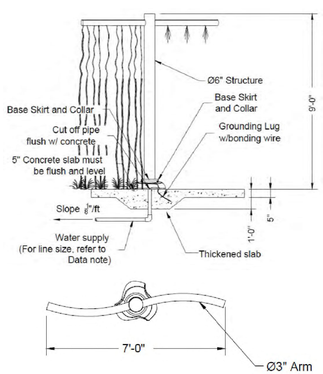
403 Walking Surfaces
403.1 General. Walking surfaces that are a part of an accessible route shall comply with Section 403.
403.2 Floor Surface. Floor surfaces shall comply with Section 302.
403.3 Slope. The running slope of walking surfaces shall not be steeper than 1 :20. The cross slope of a walking surface shall not be steeper than 1 :48.

307.3 Post-Mounted Objects. Objects on posts or pylons shall be permitted to overhang 4 inches (100 mm) maximum where more than 27 inches (685 mm) and not more than 80 inches.

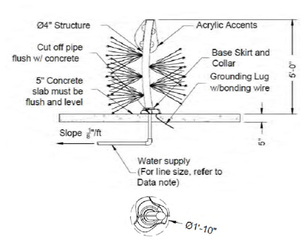
307.4 Vertical Clearance. The vertical clearance shall be 80 inches.

308 Reach Ranges 308.2 Forward Reach.
308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the floor.

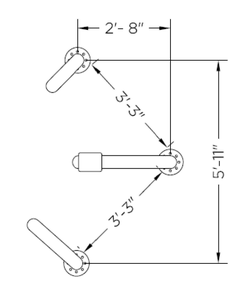
This sheet is information supplied by the equipment manufacturer supplementary
intended to provide general use information. This sheet is not construction information. The equipment use is represented as intended for safe recreation use. provide and install the products as they are located and dimensioned in the sheets provided as construction drawings,



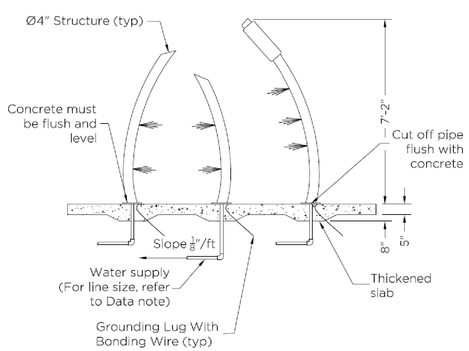
3 A0.2 Uniflow Plan & Elevation
SCALE: NTS



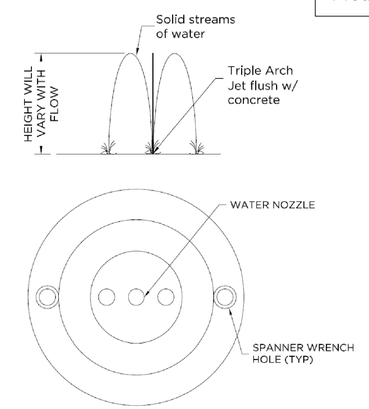
4 A0.2 Vaporarc Acrylic Plan & Elev.
SCALE: NTS



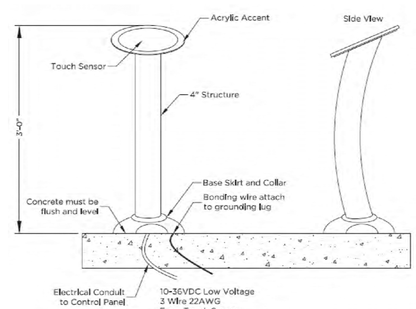
5 A0.2 Reeds Top Plan
SCALE: NTS



5 A0.2 Reeds Elevation
SCALE: NTS



6 A0.2 Triple Arch Jet Nozzle Top Plan & Elev.
SCALE: NTS



7 A0.2 Aquavator Elevation
SCALE: NTS

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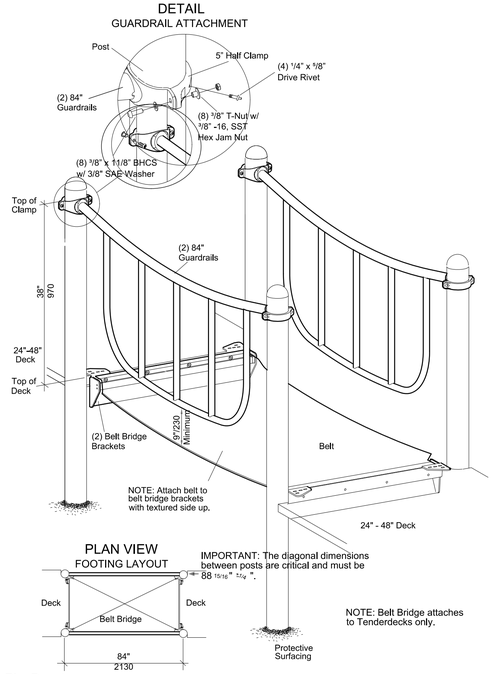
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Accessible Splash Pad, Details & Elevations

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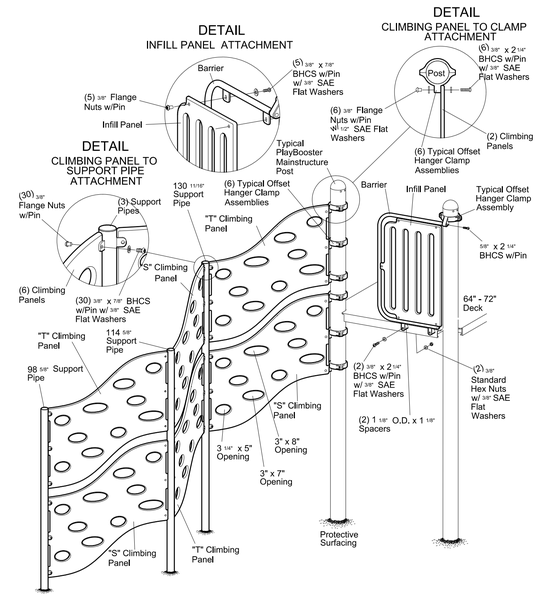
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A0.2

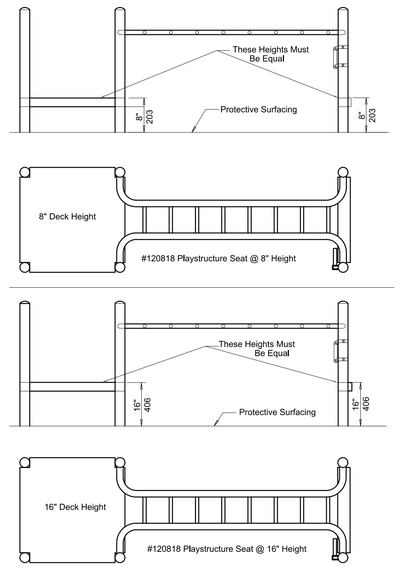


PlayBooster

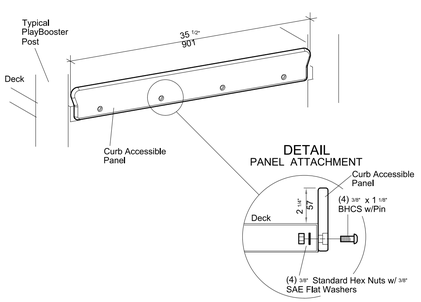
1 L103.5 **Belt Bridge**
SCALE: NTS



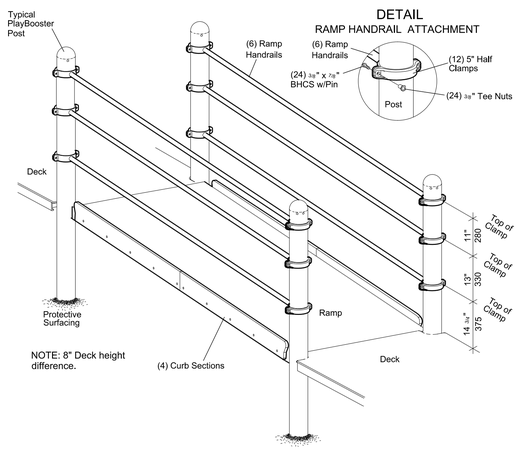
2 L103.5 **3-Panel Cascade Climber**
SCALE: NTS



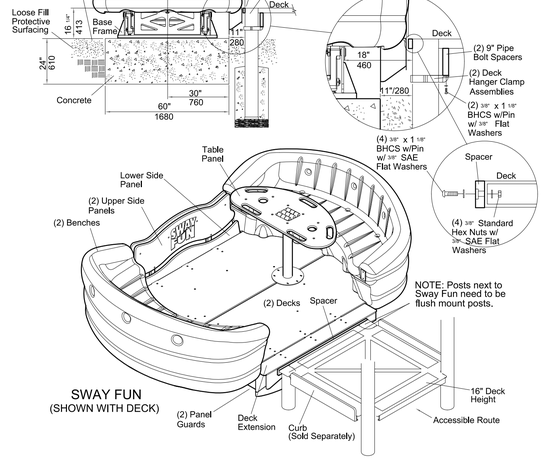
3 L103.5 **Access/Landing Seat**
SCALE: NTS



4 L103.5 **Reach Panel Curb**
SCALE: NTS



5 L103.5 **ASTM Ramp with Guardrail/Handrail**
SCALE: NTS



6 L103.5 **Sway Fun® Glider**
SCALE: NTS

NOTE: ALL DETAILS ON THIS SHEET DEVELOPED BY LANDSCAPE STRUCTURES. PHONE: (763) 972-5200

2009 ICC A117.1 Accessible and Usable Buildings & Facilities.

The specifications in this standard make sites, facilities, buildings, and elements accessible to and usable by people with such physical disabilities as the inability to walk, difficulty walking, reliance on walking aids, blindness and visual impairment, deafness, and hearing impairment, in coordination, reaching and manipulation disabilities, lack of stamina, difficulty interpreting and reacting to sensory information, and extremes of physical size. The intent of this standard is to allow a person with physical disability to independently get to, enter, and use a site, facility, building, or element.

These new recreational criteria are intended to provide a level of coordination between the accessible provisions of this standard and the revised Americans with Disabilities Act (ADA/ABA AG).

402 Accessible Routes
402.2 Components. Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1 :20, doors and doorways, ramps, curb ramps excluding the flared sides.

403 Walking Surfaces
403.1 General. Walking surfaces that are a part of an accessible route shall comply with Section 403.
403.2 Floor Surface. Floor surfaces shall comply with Section 302.
403.3 Slope. The running slope of walking surfaces shall not be steeper than 1 :20. The cross slope of a walking surface shall not be steeper than 1 :48.

307.3 Post-Mounted Objects. Objects on posts or pylons shall be permitted to overhang 4 inches (100 mm) maximum where more than 27 inches (685 mm) and not more than 80 inches.

307.4 Vertical Clearance. The vertical clearance shall be 80 inches.

308 Reach Ranges 308.2 Forward Reach.
308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the floor.

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REVISIONS

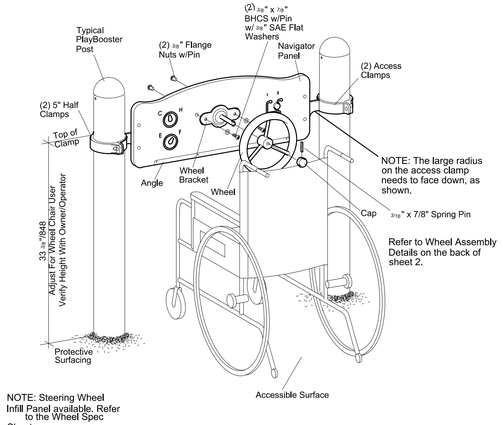
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JAG	SBT	06/04/24	06/04/24

Accessible Playground, Details & Elevations

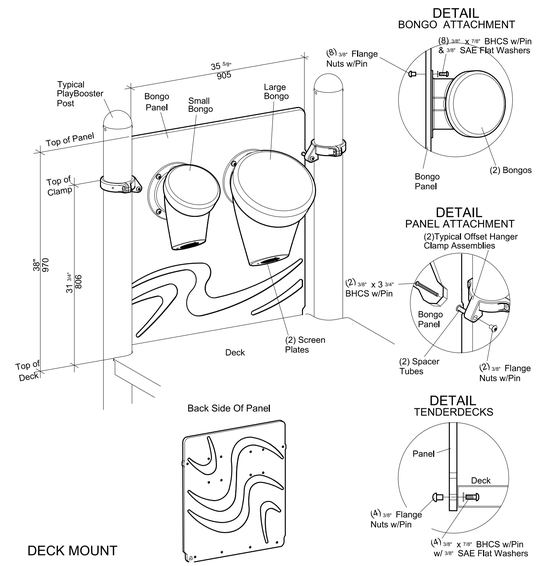
HACP NVH - Family Recreational Area
525 Mt Pleasant Road,
Pittsburgh, PA 15214

SHEET NUMBER:

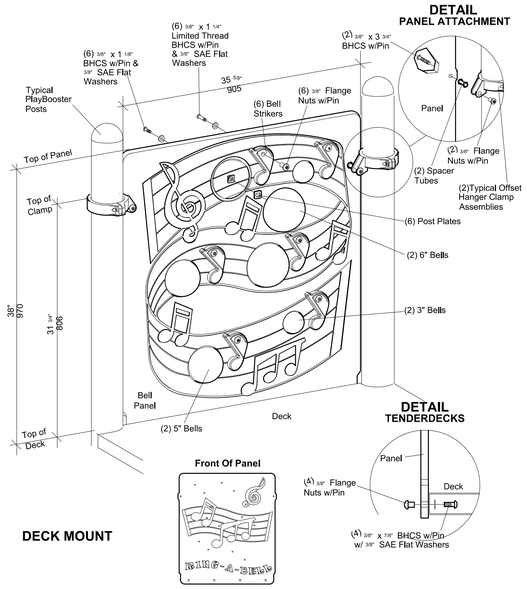
A0.3



1 L103.6 Navigator Panel
SCALE: NTS



2 L103.6 Bongo Panel®
SCALE: NTS



3 L103.6 Ring-a-Bell Panel
SCALE: NTS

4 L103.6 Color Splash Panel™
SCALE: NTS

NOTE:
The Optigear Panel is preassembled at the factory.

5 L103.6 OptiGear Panel®
SCALE: NTS

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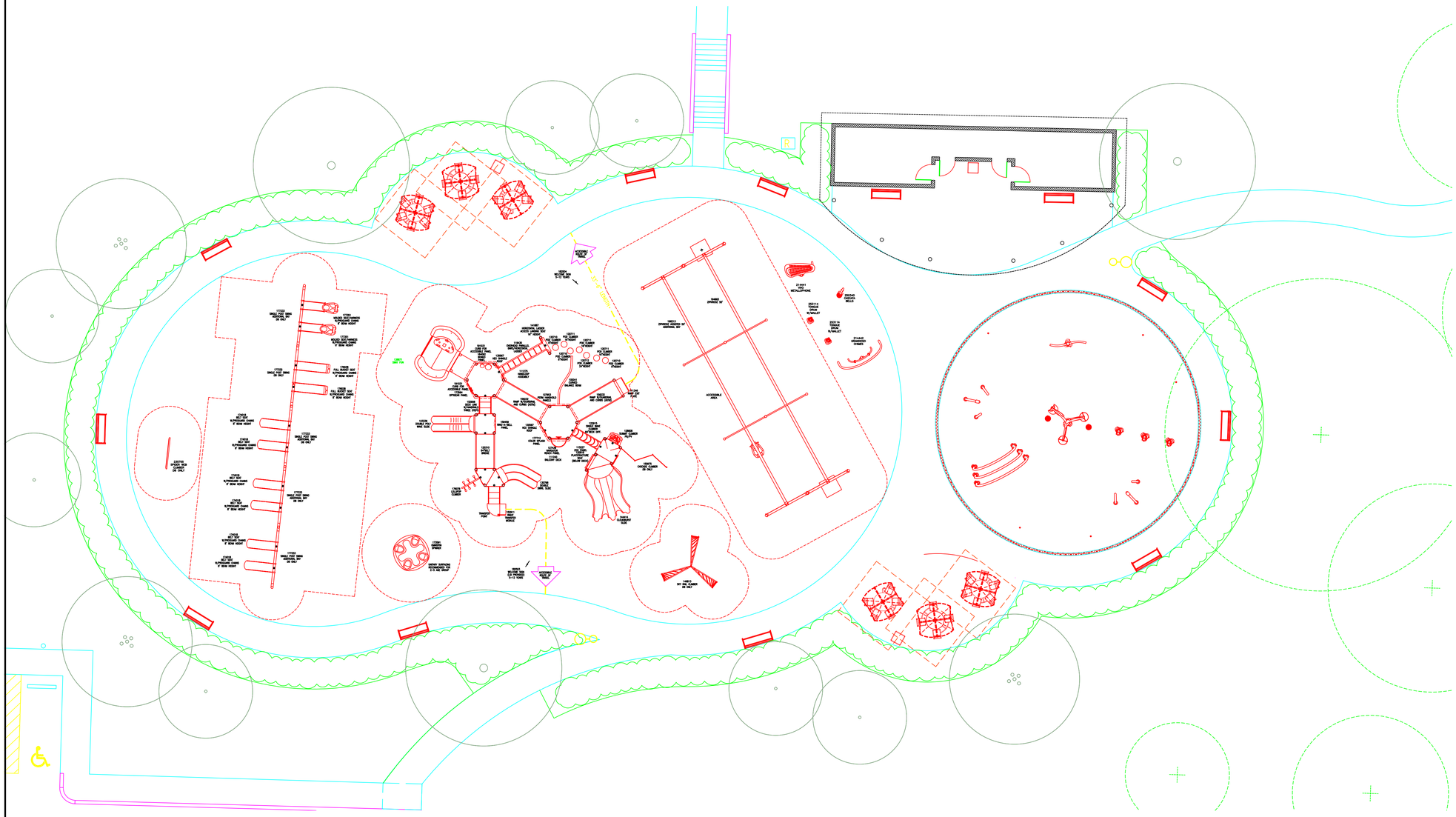
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JAG	SBT	06/04/24	06/04/24

Accessible Playground, Details & Elevations

HACP NVH - Family Recreational Area
525 Mt Pleasant Road,
Pittsburgh, PA 15214

SHEET NUMBER:

A0.4



TOTAL ELEVATED PLAY COMPONENTS	TELEV	
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	TACR REQUIRED	TACRR
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	TACT REQUIRED	TACTR
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	TGL REQUIRED	TGLR
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	TDTG REQUIRED	DTGLR

landscape structures

The play components identified on this plan are IPEMA certified. (Unless model number is preceded with *) The use and layout of these components conform to the requirements of ASTM F1487. To verify product certification, visit www.ipema.org

THIS PLAY AREA & PLAY EQUIPMENT IS DESIGNED FOR AGES YEARS YR/MO UNLESS OTHERWISE NOTED ON PLAN.

IT IS THE MANUFACTURERS OPINION THAT THIS PLAY AREA DOES CONFORM TO THE A.D.A. ACCESSIBILITY STANDARDS, ASSUMING AN ACCESSIBLE PROTECTIVE SURFACING IS PROVIDED, AS INDICATED, OR WITHIN THE ENTIRE USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US. PRIOR TO CONSTRUCTION, DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, & UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING. SLIDES SHOULD NOT FACE THE HOT AFTERNOON SUN.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE MAXIMUM FALL HEIGHT FOR THE EQUIPMENT (REF. ASTM F1487 STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR PLAYGROUND EQUIPMENT FOR PUBLIC USE, SECTION 8 CURRENT REVISION). THE SUBSURFACE MUST BE WELL DRAINED. IF THE SOIL DOES NOT DRAIN NATURALLY IT MUST BE TILED OR SLOPED 1/8" TO 1/4" PER FOOT TO A STORM SEWER OR A "FRENCH DRAIN".

AREA OF ACCESSIBLE/PROTECTIVE SURFACING (POURED-IN-PLACE SUGGESTED) SQFT

DESIGNED BY:
INTLS

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LANDSCAPE STRUCTURES, INC.
601 7th STREET SOUTH – P.O. BOX 198
DELANO, MINNESOTA 55328
PH: 1-800-328-0035 FAX: 1-763-972-6091

DATE	DWG	INITIALS
DATE	DWG	INITIALS
DATE	DWG	INITIALS
Date	Previous Drawing #	Initials

SCALE IN FEET: 0' 5' 10' 20' 40'

PROJ1
PROJ2
LOCATION

REP1
REP2
REPCONTACT

SYSTEM TYPE:
SYS

DRAWING #:
NUMBER

ISO 14001:2015 CERTIFIED
ISO 9001:2015 Certified

LICENSED ARCHITECT
COMMONWEALTH OF PENNSYLVANIA
SUSAN B. TUSICK
RESPONSIBLE CHARGE

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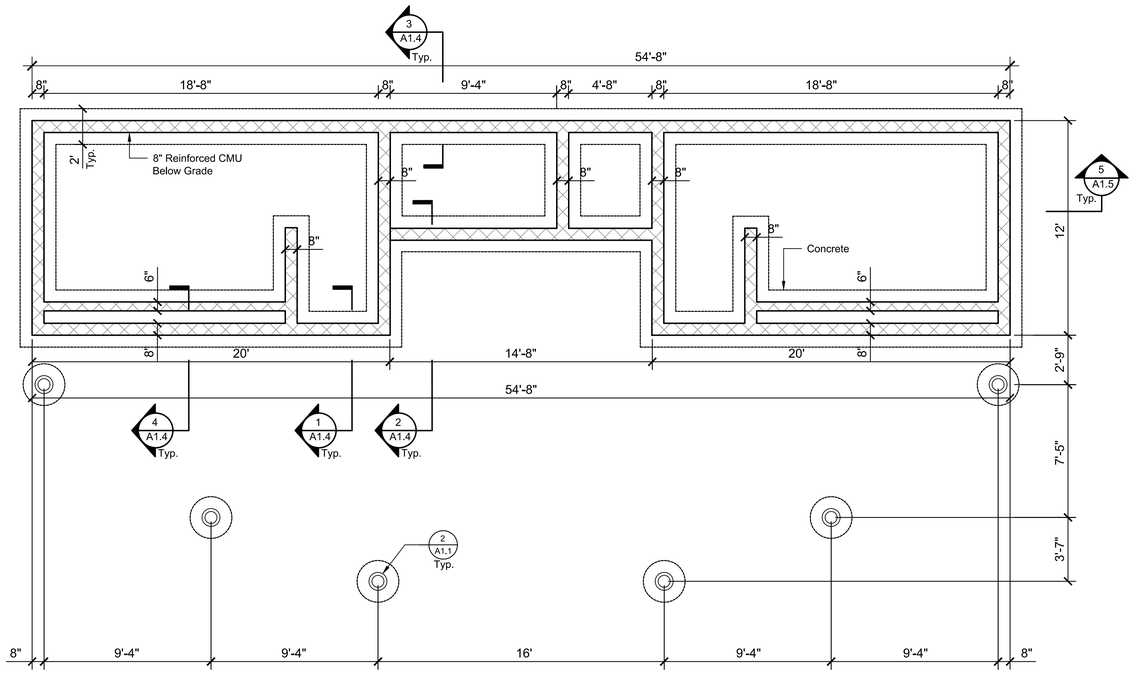
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JAG	SBT	04/23/24	04/23/24

Accessible Elevated Plan

HACP NVH - Family Recreational Area
525 Mt Pleasant Road,
Pittsburgh, PA 15214

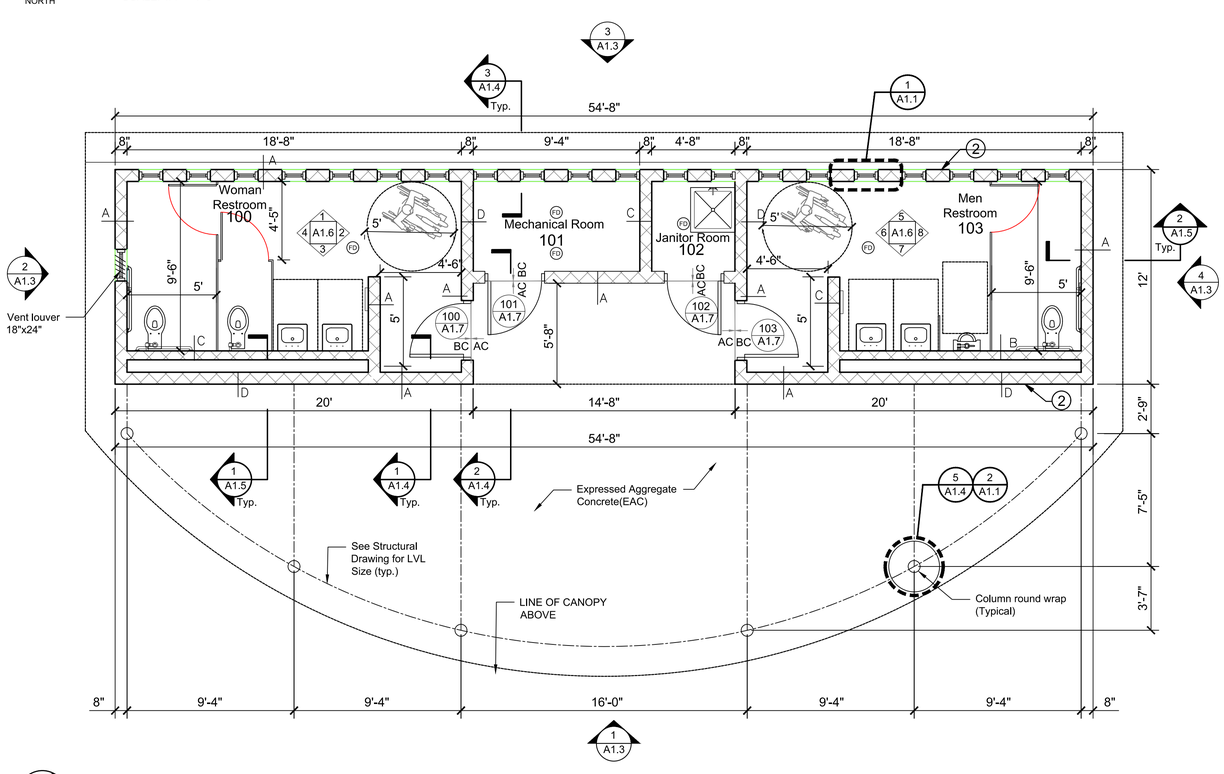
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NORTH

RESTROOM BUILDING FOUNDATION FLOOR PLAN

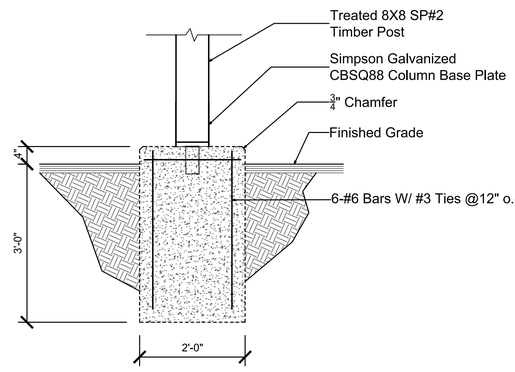
SCALE: 1/4" = 1'-0"



NORTH

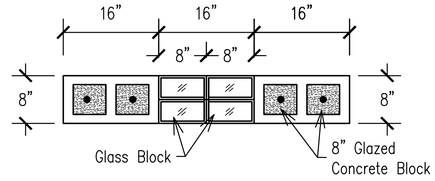
RESTROOM FLOOR PLAN

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



SECTION

SCALE: 3" = 1'-0"



Enlarged Glass Block Details

SCALE: 1" = 1'-0"

General Constructions Notes

1. All construction shall comply with local, state and federal laws, rules, regulations, standards, and codes. codes.
2. The building permit, a safety board, inspections, medical emergency plan, first aid kit shall be on the site when the construction begins to the final inspection by governmental authorities, the Housing Authority of the City of Pittsburgh and the Architect
3. The permitted construction documents, drawings and specifications, shall be on the site from the first day of a contraction to the final inspection with its
2. Contractor shall not build and review drawings and details from a cell phone. The project shall be built from drawings and specifications paper documents located at the site.
3. Construction questions must be submitted as a Request For Informa trio to HACP and the . Architect . No construction should be altered, modified, changed or eliminated without the HACP and the Architects approval occur without approval from HACP and the Architect.and the Architect's written
4. No change order should be built without HACP's contracting officer and the Architects signed approval. Change Orders constructed without HACP and the Architect's approval will be n considered incorrect, incomplete and noncompliant. The contractor shall remove and replace as per the construction documents at the contractor's costs..
5. Submittals, shop drawings, and/or samples that are submitted for review a third time shall reviewed without pre payment from the contractor for the additional time . not The payment shall be hourly and based upon an hourly basis to the and approval,. be reviewed until the contractor pays upfront for the time spent by the Tusick & Associates Architects at the Architects' according to the rated in TAA's HACP 2025 Master Contract
6. All 4 Prime contractor' s subcontractor must submit any questions through their Prime. The Prime shall submit the subcontractor's question to HACP and the Architect for review .
7. The HACP Northview Height recreation area is seasonal . The building, splash park equipment, and and all waterlines shall be winterized.

Specific Notes

Foundation

1. Concrete block above grade is glazed conrete block except beteen mechanical rm and Janitor close
2. Concrete block below grade is standard concrete block

Restroom Building

1. All concrete block is stacked with rebars from foundation to bond beam at top and filled with high-strength concrete grout . See structural drawings
2. Above and below the glass block windows and the louver vent the concrete block shall have rebars h . rebars and be filled with high-strength concrete grout. See structural drawings
3. Interior 4" concrete floor shall be broom finished and sealed. See specifications
4. At the transition between the exterior concrete and the interior concrete in the doorways, use a heavy -duty ,flush, traffic -grade sealant joint. For structural separation place a 4 -inch deep, completely separating the broom finish interior from the exterior aggregate concrete. Prior to the concrete curing completely, sawcut and create a 3/8 inch wide x 1/2" by inch deep channel that directly sheds the watercompletely.
5. 5/8" water resistant gypsum wallboard to be hung above the top glass block mortar joint
6. Restrooms must meet Uniform Federal Accessiblity Standards as well as 2018 IBC ANSI Standards UFAS must be exact. No construction variances.
7. Graphic symbol for window is an Auto CAD symbol. We are using this symbol for glass block
8. The abbreviation AC stands for Aggregrate Concrete and BC stands for Broom Finished Concrete

PARTITION TYPES

TYPES	CONSTRUCTION
A	8" 7 5/8"
B	6" 5 5/8"
C	8" 7 5/8" Common Block
D	8" 7 5/8"
BELOW GRADE	8" 7 5/8"

DESCRIPTION

1. Two faced glazed concrete block
2. Filled concrete block cell with high strength concrete grout and rebar.
3. Single Faced glazed concrete block
4. Common concrete blook below grade
5. Bituminus waterproofing coat

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REVISIONS
07-26-2026 07-31-2026 REVISED

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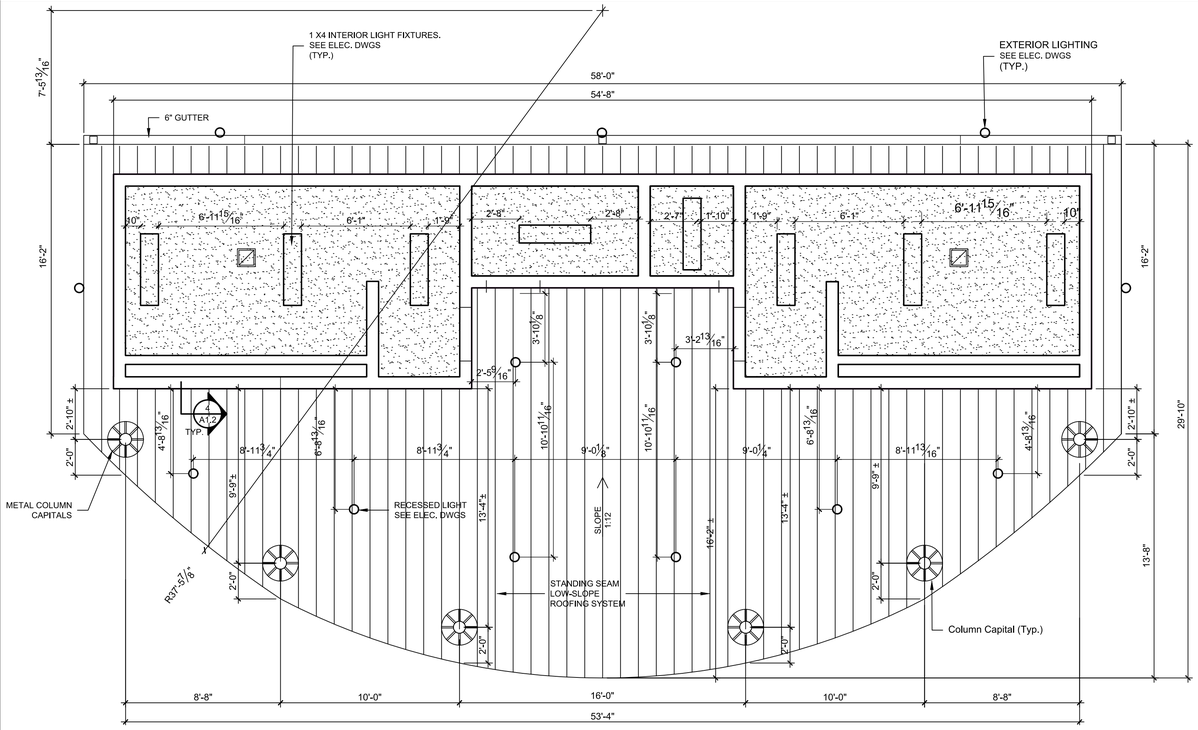
FOUNDATION AND RESTROOM BUILDING PLANS

HACP NVH - Family Recreational Area
525 Mt Pleasant Road,
Pittsburgh, PA 15214

SHEET NUMBER:

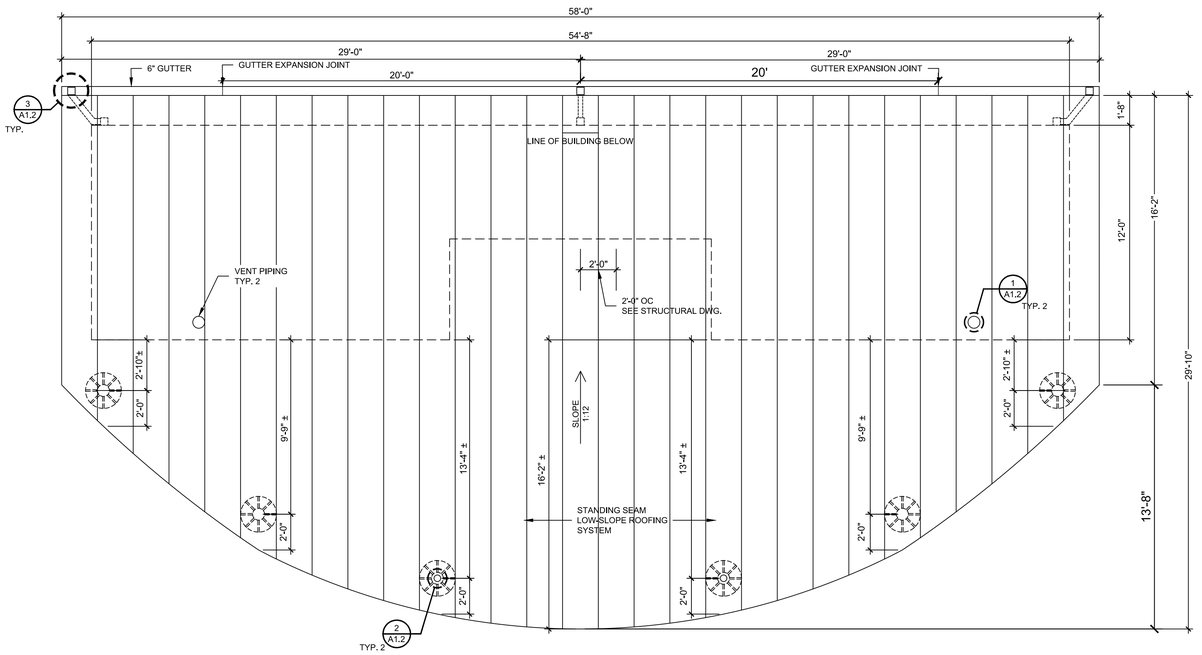
A1.1

T:\0.1 Projects\0.3.1 Housing Authority\2026 HACP NVH Recreation Area (Splash park)\08.0 Construction Documents\26-07- 31 Final Drawings\26-07-26- NVH-Splash Park_ Arch_Eng_Full Set\26-07-30- NVH-Splash Park_ Arch_Eng_Full Set



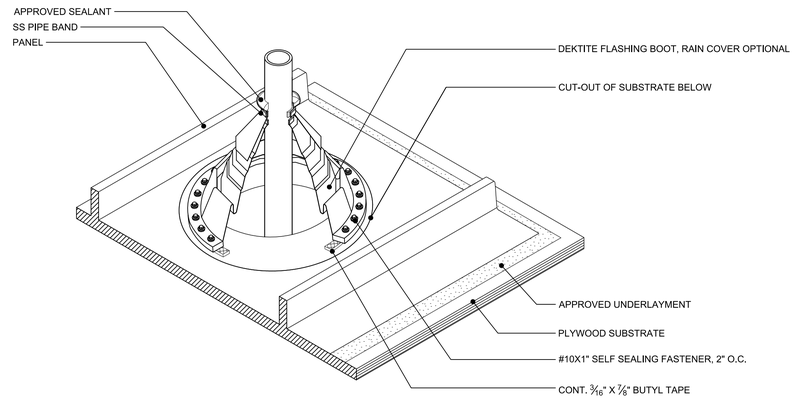
RESTROOM REFLECTED CEILING PLAN

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



RESTROOM BUILDING ROOF PLAN

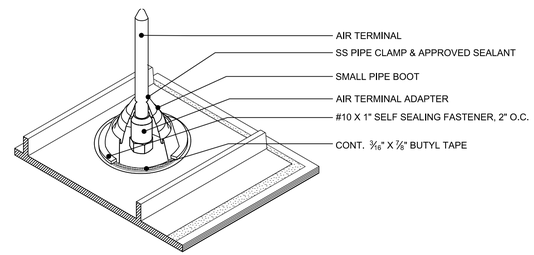
SCALE: 1/4" = 1'-0"



1. MAKE SURE DECK IS CLEAN AND READY FOR INSTALLATION. INSTALL UNDERLAYMENT PER MANUFACTURER'S INSTRUCTIONS.
2. INSTALL PANELS ACROSS ROOF UNTIL A PENETRATION OCCURS. LAYOUT PENETRATION LOCATION BY MEASURING DISTANCE UP FROM EAVE AND DISTANCE OVER FROM LAST PANEL RIB.
3. THE LARGE PENETRATION DETAIL MUST BE USED IF PIPE BOOT FLANGE IS LOCATED WITHIN 1" OF PANEL RIB.
4. CUT A HOLE IN THE SUBSTRATE THAT EXTENDS BEYOND THE PIPE BOOT BEING USED.
5. CUT A HOLE IN THE PANEL THAT IS 2" LARGER THAN THE PENETRATION AND INSTALL PANEL.
6. APPLY 3/16"x7/8" BUTYL TAPE TO PIPE BOOT, CUT TO THE CORRECT SIZE FOR PENETRATION AND SLIDE OVER TOP OF PIPE. ATTACH TO PANEL USING #10X1" SELF-SEALING FASTENERS AT 2" O.C. THROUGH BUTYL TAPE.
7. INSTALL STAINLESS STEEL PIPE CLAMP AT TOP OF PIPE BOOT AND TIGHTEN ACCORDINGLY.
8. APPLY A BEAD OF APPROVED SEALANT ABOVE PIPE BOOT AND TOOL IN.

1/A1.2 ROOF PENETRATION DETAIL

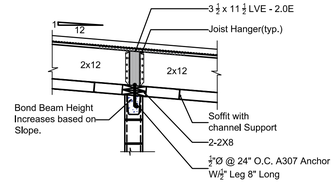
NTS



1. MAKE SURE DECK IS CLEAN AND READY FOR INSTALLATION. INSTALL UNDERLAYMENT PER MANUFACTURER'S INSTRUCTIONS.
2. INSTALL PANEL, FIELD BEND PANEL EDGE 45° TO CREATE BOX END. DO NOT CUT PANEL RIBS WHEN FOLDING BOX END.
3. APPLY 3/16"x7/8" BUTYL TAPE TO Z CLOSURE AND INSTALL OVER PANEL USING #10x1" PANCAKE HEAD FASTENERS AT 4" O.C. THROUGH BUTYL TAPE. MINIMUM 5 FASTENERS PER PANEL.
4. APPLY A VERTICAL BEAD OF APPROVED SEALANT BEHIND THE Z CLOSURE AT PANEL RIB AND TOOL IN.
5. INSTALL ALUMINUM LIGHTING PROTECTION CONDUCTOR USING CABLE FASTENERS. COPPER PRODUCTS CANNOT BE USED.
6. LOCATE AIR TERMINAL LOCATIONS AND CUT SMALL HOLE IN RIDGE CAP.
7. INSTALL RIDGE CAP BY ENGAGING ONTO Z CLOSURES. MINIMUM 4" LAP ON RIDGE CAP WITH APPROVED SEALANT IN-BETWEEN LAPS. 24" MIN. FLASHING LENGTH.
8. APPLY 3/16"x7/8" BUTYL TAPE TO SMALL PIPE BOOT AND INSTALL OVER AIR TERMINAL, ATTACH TO RIDGE CAP USING #10x1" SELF-SEALING FASTENERS AT 2'-0" O.C. THROUGH BUTYL TAPE.
9. APPLY A BEAD OF APPROVED SEALANT ABOVE SMALL PIPE BOOT AND TOOL IN.
10. DRILL HOLES THROUGH RIDGE CAP HEM AND Z CLOSURE USING THE CORRECT SIZE DRILL AT 18" O.C.
11. INSTALL STAINLESS STEEL POP RIVETS THROUGH HEM OF RIDGE CAP, ATTACHING TO CLOSURE, AT 18" O.C.
12. REMOVE ALL SWARF, FILINGS, AND DEBRIS FROM AREA IMMEDIATELY UPON COMPLETION.

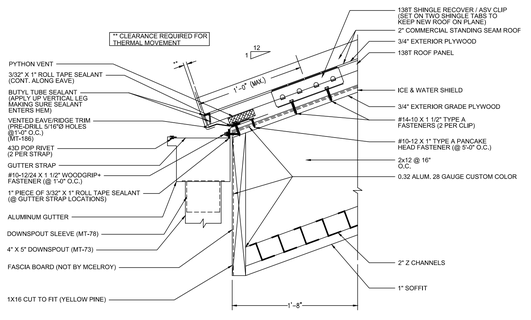
2/A1.2 LIGHTING PROTECTION DETAIL

NTS



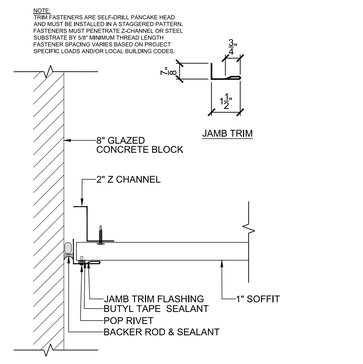
5/A1.2 WALL CONNECTION DETAIL

SCALE: 1/2" = 1'-0"



3/A1.2 EAVE WITH GUTTER DETAIL

NTS



4/A1.2 SOFFIT DETAIL

SCALE: 3" = 1'-0"

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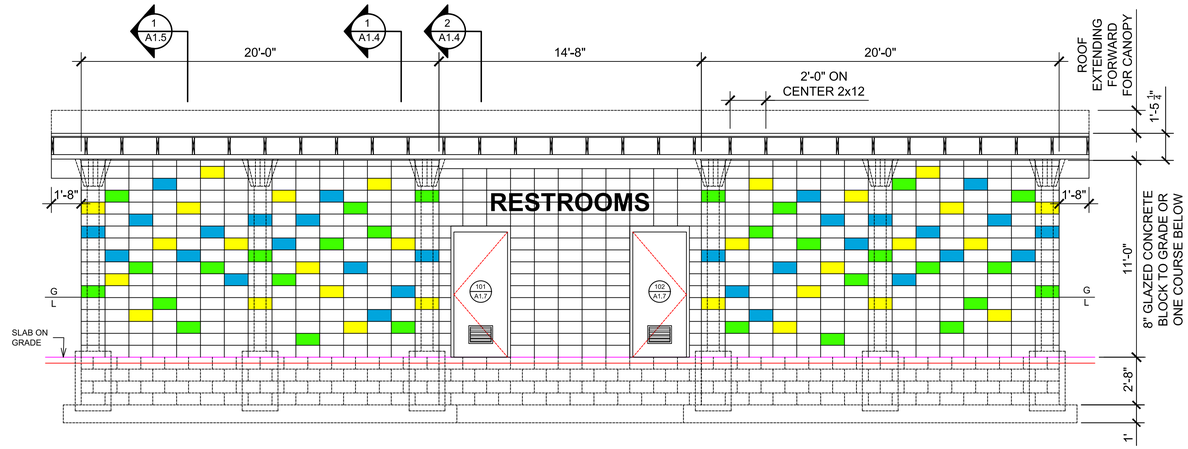
RESTROOM BUILDING ROOF PLAN AND REFLECTED CEILING PLAN

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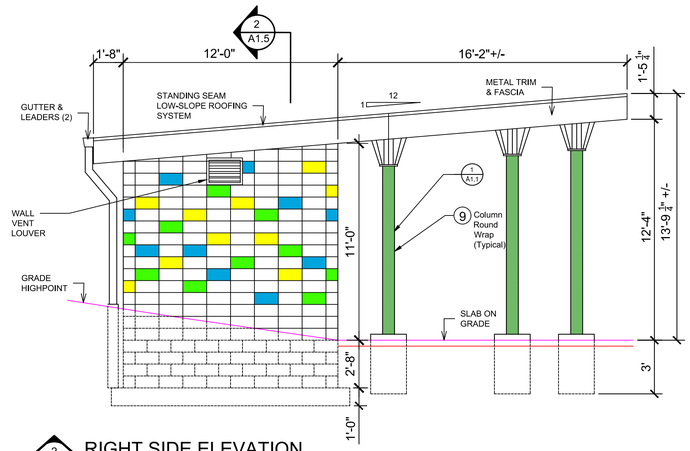
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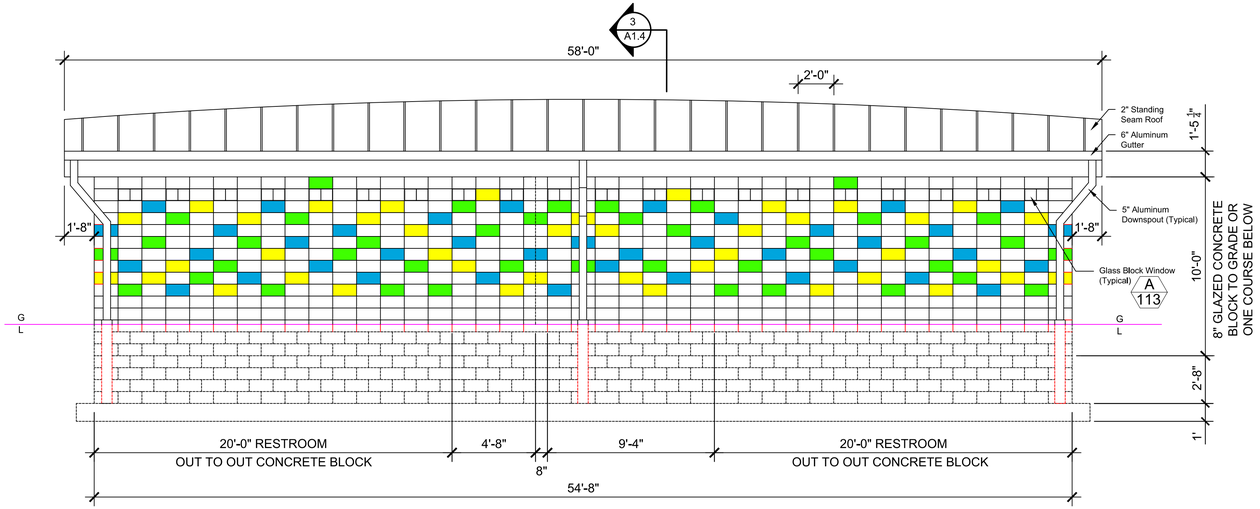
T:\0.1 Projects_03.1 Housing Authority\2026 HACP NVH Recreation Area (Splash park)\08.0 Construction Documents\26-07- 31 Final Drawings\26-07-26- NVH-Splash Park_ Arch_Eng_Full Set\26-07-30- NVH-Splash Park_ Arch_Eng_Full Set.dwg



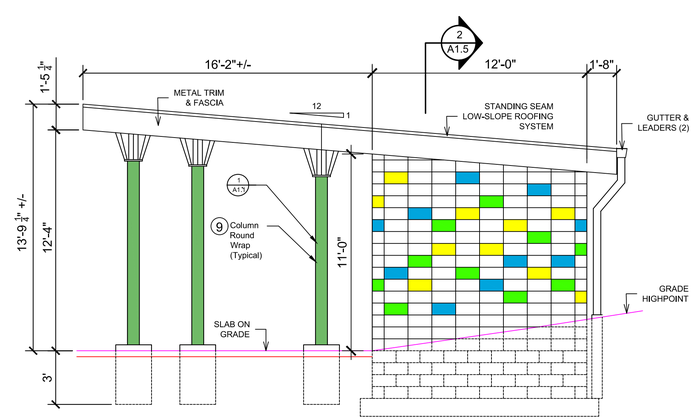
1 A1.3 FRONT ELEVATION
SCALE: 1/4" = 1'-0"



2 A1.3 RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



3 A1.3 REAR ELEVATION
SCALE: 1/4" = 1'-0"



4 A1.3 LEFT SIDE ELEVATION
SCALE: 1/4" = 1'-0"

S-32/ Light Tropic yellow

S-29/ Deep Spring Green

D-211/ Midnight Blue

S-4/ Light Frost Gray

DRAWINGS & SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. THEY ARE NOT TO BE USED ON EXTENSIONS OF THE PROJECT, OR OTHER PROJECTS, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING ALL DATA AT THE JOB SITE. THE ARCHITECT WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTIONS WITH THE PROJECT.

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REVISIONS
1 06-27-2026 07-31-2026 REVISED

DRAWN BY	CHECKED BY	DATE ISSUED	DATE PRINTED
JAG	SBT	07/31/26	07/31/26

EXTERIOR ELEVATIONS

HACP NVH - Family Recreational Area
525 Mt Pleasant Road,
Pittsburgh, PA 15214

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A1.3

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