

CAMP JUNIOR ON LAKE TIORATI - PHASE 3

CONTRACTS D006135 (GC), D006136 (EC), D006137 (PC) & D006138 (MC)

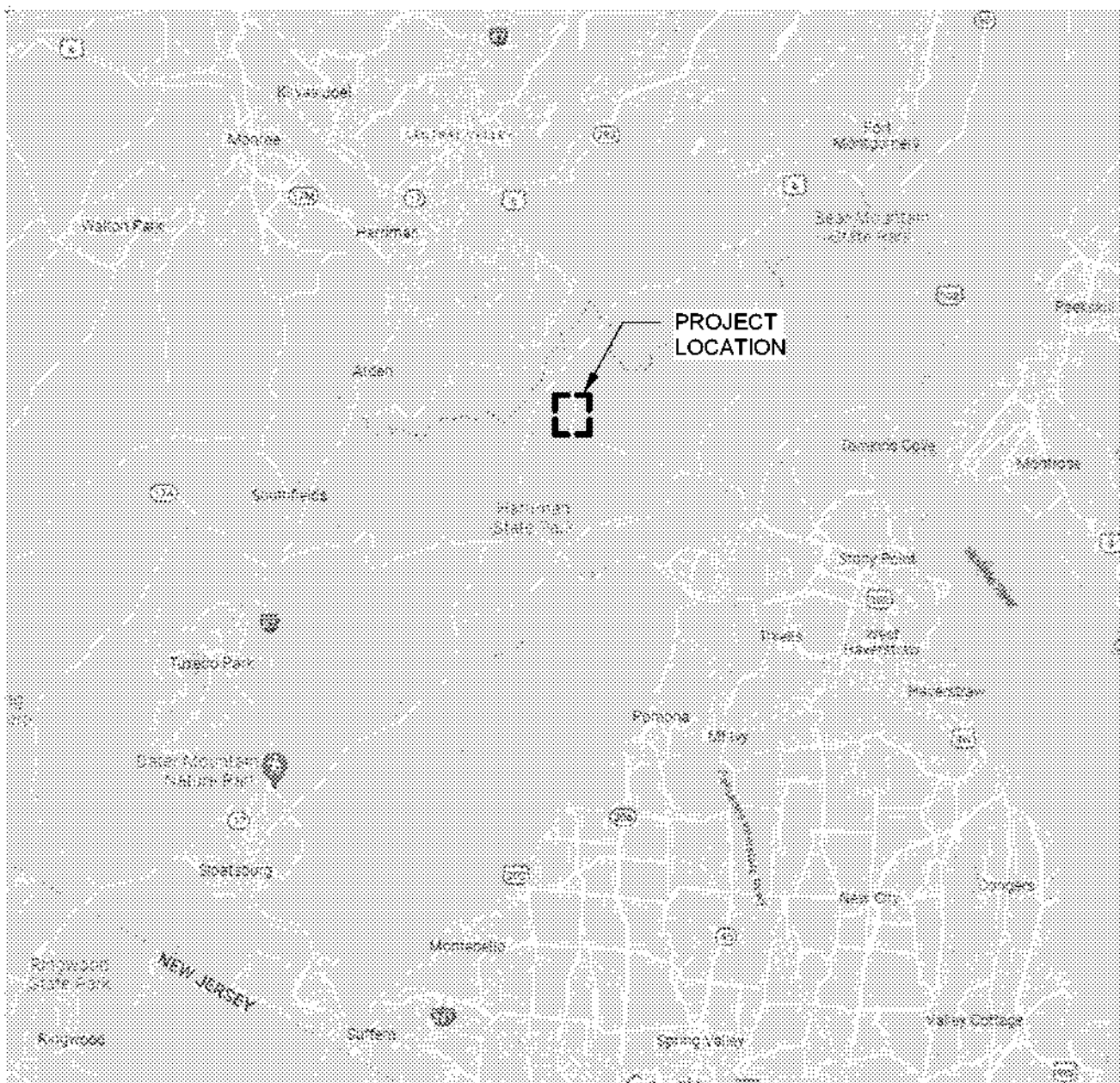
PROJECT PA-TI-2023-001



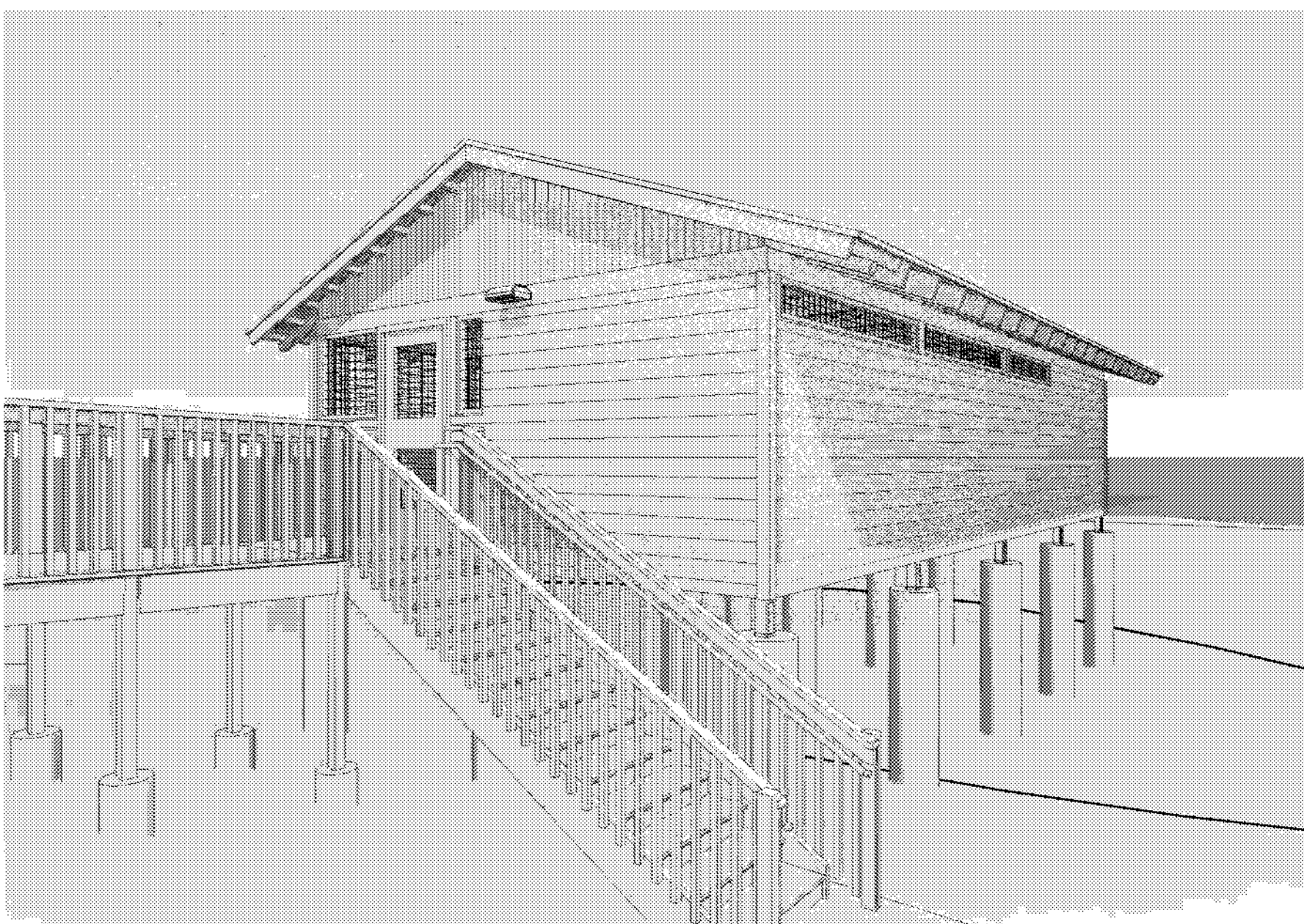
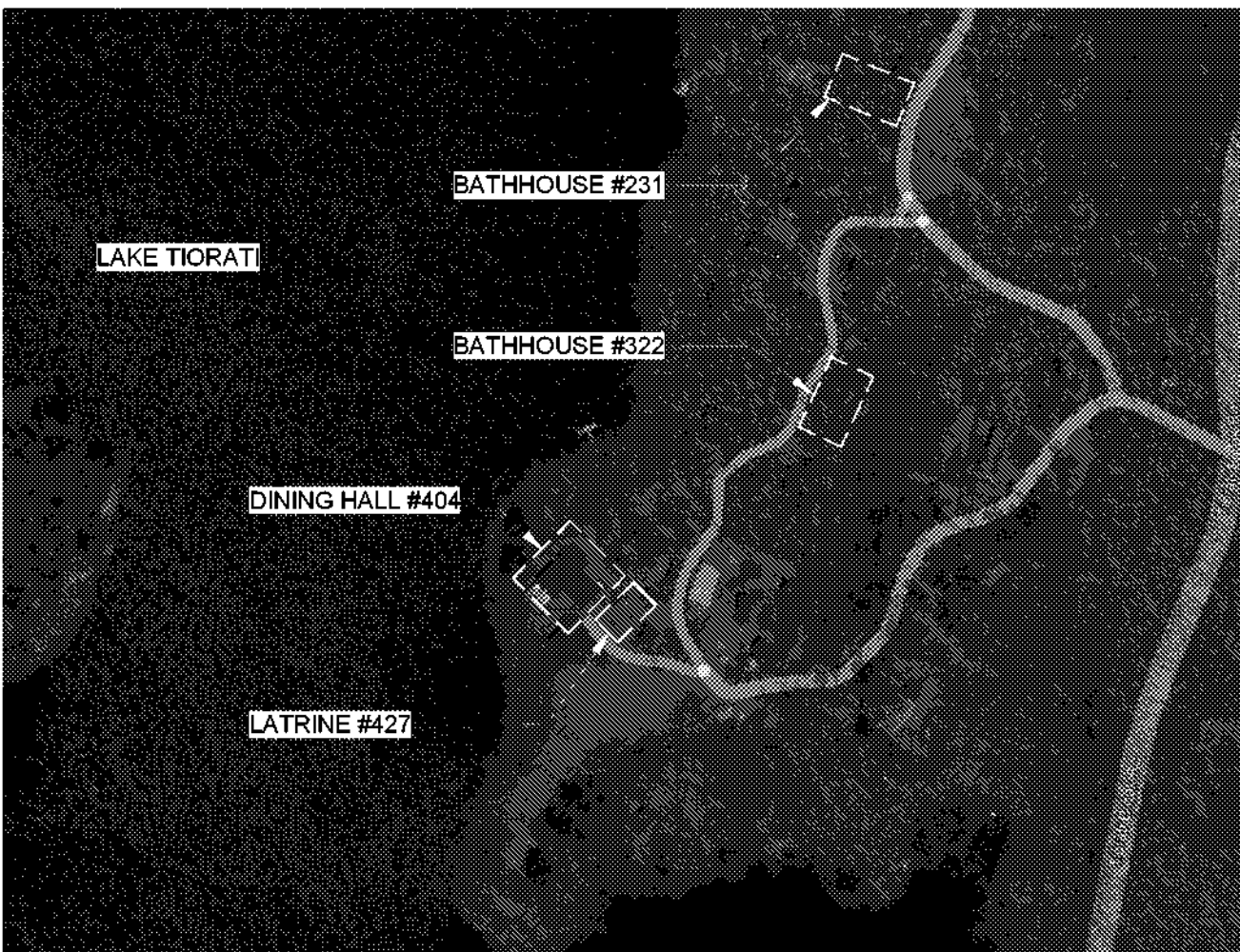
HARRIMAN STATE PARK
TIORATI BROOK ROAD
SOUTHFIELDS, NY 10975

Bid Documents

PROJECT LOCATION MAP



SITE LOCATION MAP



LIST OF DRAWINGS

Drawing List - General	
Sheet Number	Sheet Name

G100 COVER SHEET
G101 GENERAL INFORMATION

Drawing List - Civil	
Sheet Number	Sheet Name

C101 EXISTING CONDITIONS - BATHHOUSE #231
C102 EXISTING CONDITIONS - BATHHOUSE #322
C103 EXISTING CONDITIONS - LATRINE #427
C130 SITE AND UTILITY PLAN - BATHHOUSE #231
C131 SITE AND UTILITY PLAN - BATHHOUSE #322
C132 SITE AND UTILITY PLAN - LATRINE #427
C530 WATER DETAILS
C531 SEWER DETAILS

Drawing List - Site	
Sheet Number	Sheet Name

L200 DEMOLITION PLAN - BATHHOUSE #231
L201 DEMOLITION PLAN - BATHHOUSE #322
L202 DEMOLITION PLAN - LATRINE #427
L300 LAYOUT PLAN - BATHHOUSE #231
L301 LAYOUT PLAN - BATHHOUSE #322
L302 LAYOUT PLAN - LATRINE #427
L400 GRADING PLAN - BATHHOUSE #231
L401 GRADING PLAN - BATHHOUSE #322
L402 GRADING PLAN - LATRINE #427
L500 SITE DETAILS

Drawing List - Architectural	
Sheet Number	Sheet Name

A001 LIFE SAFETY PLAN
A100 FLOOR PLANS - BATHHOUSE #231 & #322
A101 FLOOR PLAN - LATRINE #427
A102 FLOOR PLANS - DINING HALL #404 CANOPY
A110 RCP & ROOF PLAN - BATHHOUSE #231 & #322
A111 RCP & ROOF PLAN - LATRINE #427
A200 ELEVATIONS - BATHHOUSE #231 & #322
A201 ELEVATIONS - BATHHOUSE #231 & #322
A210 ELEVATIONS - LATRINE #427
A220 ELEVATIONS - DINING HALL #404
A300 SECTIONS - BATHHOUSE #231 & #322
A301 SECTIONS - BATHHOUSE #231 & #322
A310 SECTIONS - LATRINE #427
A311 SECTIONS - LATRINE #427
A320 DINING HALL #404 SECTIONS
A500 BATHHOUSE #231 & #322 WALL SECTIONS
A600 DETAILS - BATHHOUSE #231 & #322, LATRINE #427
A601 DETAILS - BATHHOUSE #231
A602 DETAILS - BATHHOUSE #322 & LATRINE #427
A700 BATHHOUSE #231 & #322 INTERIOR ELEVATIONS & FINISH SCHEDULES
A701 LATRINE #427 INTERIOR ELEVATIONS
A702 FINISH PLANS
A800 DOORS AND WINDOWS

Drawing List - Structural	
Sheet Number	Sheet Name

S001 GENERAL NOTES
S101 FOUNDATION PLANS - BATHHOUSE #231 & #322
S102 FOUNDATION PLAN - LATRINE #427
S103 FOUNDATION PLAN - DINING HALL #404 CANOPY
S104 FLOOR FRAMING PLANS - BATHHOUSE #231 & #322
S105 FLOOR FRAMING PLAN - LATRINE #427
S106 ROOF FRAMING PLANS
S107 ROOF FRAMING PLAN - DINING HALL #404 CANOPY
S301 TYPICAL SECTIONS AND DETAILS
S302 ROOF FRAMING DETAILS
S303 SLOPED WALK AND STAIR DETAILS

Drawing List - Mechanical	
Sheet Number	Sheet Name

M101 CAMP JUNIOR MECHANICAL PLANS

Drawing List - Plumbing	
Sheet Number	Sheet Name

P101 CAMP JUNIOR PLUMBING PLANS
P102 CAMP JUNIOR PLUMBING PLANS

Drawing List - Electrical	
Sheet Number	Sheet Name

E001 ELECTRICAL NOTES, SYMBOL LEGEND & ABBREVIATIONS
E101 BATHHOUSE #231 & #322 POWER PLANS
E102 BATHHOUSE #231 & #322 LIGHTING PLANS
E103 LATRINE #427 POWER AND LIGHTING PLANS
E104 DINING HALL #404 CANOPY LIGHTING PLANS
E600 SCHEDULES
E700 PARTIAL ONE-LINE DIAGRAM AND SCHEDULES



Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



Certificate of Authorization Number:
Professional Engineering: 015251
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By: KET, LLH	
Design By: LLH	
Checked By: CTS	
Approved By: CTS	
Date: 3/16/23	

Sheet Title:

COVER SHEET

Project Number:
21059.23

Drawing Number:

G100

Sheet:

GENERAL CONSTRUCTION NOTES

- SCOPE OF WORK: THE HARRIMAN STATE PARK CAMP JUNIOR ON LAKE TIORATI PHASE 3 PROJECT INCLUDES, BUT NOT LIMITED TO, THE FOLLOWING SCOPE OF WORK.
- ALL WORK SHALL COMPLY WITH THE 2020 NEW YORK STATE UNIFORM CODE WHICH ADOPTS THE 2018 INTERNATIONAL BUILDING CODE, FIRE CODE AND ENERGY CONSERVATION CODE OF NEW YORK STATE, AS WELL AS ANY REFERENCED CODES WITHIN. ALL WORK MUST ALSO BE IN COMPLIANCE WITH THE STANDARDS ESTABLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION, OSHA, AND ADA.
- CONSTRUCTION DOCUMENTS FOR THIS WORK HAVE BEEN PREPARED IN ACCORDANCE WITH GENERALLY ACCEPTED ARCHITECTURAL AND ENGINEERING PRACTICE TO MEET MINIMUM REQUIREMENTS OF THE LATEST EDITION OF THE BUILDING CODE OF NEW YORK STATE. IN THE EVENT OF CONFLICT BETWEEN PERTINENT CODES, REGULATIONS, AND REFERENCED STANDARDS OF THESE DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT PROVISIONS SHALL GOVERN.
- EACH PRIME CONTRACTOR SHALL RIGIDLY ADHERE TO ALL LAWS, CODES, AND ORDINANCES, WHICH APPLY TO THE WORK.
- DRAWINGS AND SPECIFICATIONS ARE INTENDED TO PROVIDE THE BASIS FOR THE PROPER COMPLETION OF THE PROJECT SUITABLE FOR THE INTENDED USE OF THE OWNER. A GENERAL BUILDING PERMIT WILL BE PROVIDED BY DIRECTOR'S REPRESENTATIVE AT NO CHARGE TO THE CONTRACTOR.
- DO NOT SCALE DRAWINGS. USE DIMENSIONS AS INDICATED FOR ALL LOCATIONS.
- ALL DIMENSIONS ARE FRAMING TO FRAMING OF LUMBER OR FACE TO FACE OF CONCRETE/ MASONRY UNLESS OTHERWISE NOTED.
- EACH PRIME CONTRACTOR SHALL HOLD THE OWNER AND ARCHITECT HARMLESS AGAINST ANY AND ALL CLAIMS ARISING FROM WORK PERFORMED BY THE CONTRACTOR ON THE SITE. THIS INCLUDES (BUT IS NOT LIMITED TO) ALL MATERIALS, CONSTRUCTION METHODS, CRAFTSMANSHIP, CONFORMANCE, PROCEDURES, AND CONDITIONS (INCLUDING SAFETY) OF ON-SITE WORK RELATING TO THE CONSTRUCTION DOCUMENTS.
- COMMENCE WORK AFTER PRE-CONSTRUCTION MEETING AND PROCEED DILIGENTLY AND CONTINUOUSLY TO COMPLETION.
- PRIOR TO STARTING WORK, SUBMIT FOR APPROVAL TO THE DIRECTOR'S REPRESENTATIVE A DETAILED SCHEDULE INDICATING ALL WORK THAT MIGHT AFFECT OWNER'S USE OF PROJECT SITE SUCH AS UTILITY SHUT DOWNS, NOISE GENERATING CONSTRUCTION, ETC.
- EACH PRIME CONTRACTOR SHALL COORDINATE WITH DIRECTOR'S REPRESENTATIVE. ALL WORK PROCEDURES AND ANY LOCATION OF POSSIBLE TEMPORARY UTILITIES BEFORE BEGINNING ANY WORK.
- DO NOT INTERRUPT EXISTING UTILITY SERVICE WITHOUT AUTHORIZATION FROM DIRECTOR'S REPRESENTATIVE. PROVIDE TEMPORARY SERVICE DURING INTERRUPTIONS.
- PERFORM WORK IN A MANNER, WHICH MINIMIZES NOISE. SCHEDULE OPERATIONS AS DIRECTED BY DIRECTOR'S REPRESENTATIVE.
- THE WORDS "PROVIDE" OR "SUPPLY" SHALL INCLUDE BOTH FURNISHING AND INSTALLING THE SPECIFIED OR DETAILED ITEM, IN PLACE AND READY FOR OPERATION AND USE.
- ALL MATERIALS USED TO BE SELECTED AND INSTALLED IN ACCORDANCE WITH STATE, FEDERAL, NATIONAL AND LOCAL CODES AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PRACTICES. MATERIALS SHALL BE AS SPECIFIED, OR EQUAL AS APPROVED BY DIRECTOR'S REPRESENTATIVE. MATERIALS SPECIFIED INDICATE QUALITY INTENT THAT WILL BE USED AS A BASIS FOR REVIEW OF PRODUCT SUBSTITUTES. SEE GENERAL CONDITIONS.
- ALL ITEMS, WHICH ARE NOT SPECIFICALLY REFERRED TO, ON THESE DRAWINGS ARE TO BE SELECTED BY THE DIRECTOR'S REPRESENTATIVE FROM THE MANUFACTURER'S SAMPLES SHOWING FULL RANGE OF TEXTURES AND COLORS AVAILABLE.
- ALL MANUFACTURED MATERIALS, COMPONENTS, FASTENERS, ASSEMBLERS, ETC., SHALL BE HANDLED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND PROVISIONS OF APPLICABLE INDUSTRY STANDARDS. WHERE SPECIFIC MANUFACTURED PRODUCTS ARE CALLED FOR, GENERIC EQUALS THAT MEET APPLICABLE STANDARDS AND SPECIFICATIONS MAY BE USED UNLESS OTHERWISE NOTED.
- ITEMS NOT EXPRESSLY SET FORTH, BUT WHICH ARE REASONABLY IMPLIED OR NECESSARY FOR THE PROPER PERFORMANCE OF THIS WORK SHALL BE INCLUDED.
- MINOR DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER CONSTRUCTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS.
- EACH PRIME CONTRACTOR SHALL STORE MATERIALS IN AREAS DESIGNATED BY DIRECTOR'S REPRESENTATIVE. DELIVERY OF MATERIALS SHALL BE AS DIRECTED BY DIRECTOR'S REPRESENTATIVE.
- EACH PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL DIMENSIONS AND CONDITIONS (BOTH EXISTING AND PROPOSED), AND NOTES AS SHOWN ON THE DRAWINGS OR SPECIFICATIONS, AND VERIFICATION OF THE SITE CONDITIONS WHICH MAY AFFECT THE WORK DESCRIBED HERE IN. DISCREPANCIES, VARIANTS OR DEFECTS SHALL BE IMMEDIATELY REPORTED TO THE DIRECTOR'S REPRESENTATIVE IN WRITING PRIOR TO COMMENCEMENT OF ANY WORK AFFECTED BY SUCH VARIANCE (EXCEPT FOR PROVISIONAL SAFETY MEASURES, IF SUCH ARE NECESSARY). SHALL BE MADE SAFE AT THE RESPONSIBLE CONTRACTOR'S TOTAL RESPONSIBILITY AND EXPENSE, INCLUDING THE COST OF RECTIFICATION, IF SUCH DEEMED NECESSARY BY THE DIRECTOR'S REPRESENTATIVE.
- EACH PRIME CONTRACTOR SHALL NOTIFY AND RECEIVE WRITTEN CLARIFICATION FROM THE DIRECTOR'S REPRESENTATIVE OF ANY VARIATIONS BETWEEN CONTRACT DOCUMENTS AND GOVERNING REGULATIONS.
- EACH PRIME CONTRACTOR SHALL MAKE NO STRUCTURAL CHANGES WITHOUT WRITTEN APPROVAL FROM THE DIRECTOR'S REPRESENTATIVE.
- DEVIATIONS FROM THESE DRAWINGS WHICH ARE NOT PERFORMED WITH PROPER WRITTEN CONSENT FROM DIRECTOR'S REPRESENTATIVE ARE SOLELY AT THE RESPONSIBLE CONTRACTOR'S RISK AND THEY SHALL ACCEPT FULL LIABILITY. DEVIATIONS FROM THE APPROVED CONTRACT DOCUMENTS SHALL BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE PRIOR TO INSTALLATION OF THE ASSOCIATED WORK.
- EACH PRIME CONTRACTOR SHALL PROTECT ALL EXISTING SURFACES AND ADJACENT STRUCTURES FOR THE DURATION OF THE CONTRACT WORK AND SHALL REPAIR AND DAMAGE RESULTING FROM WORK AT NO EXTRA COST OR CONTRACT TIME. EACH PRIME CONTRACTOR SHALL DOCUMENT ON DRAWINGS, ANY AND ALL DAMAGE RESULTING FROM THE REMOVALS OF EXISTING MATERIALS AND/OR INSTALLATION OF SALVAGED OR NEW MATERIAL. SUCH ITEMS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE DIRECTOR'S REPRESENTATIVE.
- EACH PRIME CONTRACTOR SHALL PROVIDE PROTECTION OF ADJACENT PROPERTY INCLUDING ALL EXISTING SITE AND LANDSCAPING ELEMENTS. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF WORK IN PROGRESS THROUGH TO HANDOVER TO THE DIRECTOR'S REPRESENTATIVE.
- EACH PRIME CONTRACTOR SHALL PROVIDE BARRICADES AROUND WORK AREAS AS REQUIRED TO PREVENT UNAUTHORIZED PERSONS FROM ENTERING THEREIN.
- EACH PRIME CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. SITE WILL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY DEPENDING ON THE STATUS AND LEVEL OF COMPLETION OF CONSTRUCTION.
- EACH PRIME CONTRACTOR SHALL LAY OUT THEIR OWN WORK, AND PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES. (PLUMBING, ELECTRICAL, ETC.)
- EACH PRIME CONTRACTOR SHALL DO ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE CONSTRUCTION.
- THE WORK TO BE PERFORMED CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, TOOLS, TRANSPORTATION, SUPPLIES, FEES, MATERIALS, AND SERVICES IN ACCORDANCE WITH THESE NOTES AND DRAWINGS, AND PERFORMING ALL OPERATIONS NECESSARY TO CONSTRUCT AND INSTALL IN A COMPLETE MANNER THE VARIOUS MATERIALS AND EQUIPMENT AT THE LOCATIONS INDICATED IN THE CONTRACT DOCUMENTS AND IN CONFORMITY WITH THE DIMENSIONS, DESIGN, AND DETAILS INDICATED IN THE CONTRACT DOCUMENTS.
- EACH PRIME CONTRACTOR, FOR A PERIOD OF ONE YEAR FROM THE DATE OF COMPLETION AND ACCEPTANCE BY THE OWNER, SHALL ADJUST, REPAIR, OR REPLACE AT NO COST TO THE OWNER ANY ITEM OF EQUIPMENT, MATERIAL, OR WORKMANSHIP FOUND TO BE DEFECTIVE.

CONTRACTORS RESPONSIBILITIES

- EACH PRIME CONTRACTOR SHALL REVIEW AND FAMILIARIZE THEMSELVES WITH THE GENERAL NOTES AND SPECIFICATIONS AND DETERMINE WHICH NOTES APPLY DIRECTLY TO HIS RESPONSIBILITY AND WHICH NOTES APPLY TO THEIR SUB-CONTRACTORS.
- THE SUBMISSION OF A PROPOSAL, BY EACH PRIME CONTRACTOR WILL BE CONSTRUED AS EVIDENCE THAT A CAREFUL AND THOROUGH EXAMINATION OF THE PREMISES AND SITE HAVE BEEN MADE AND LATER CLAIMS FOR LABOR, MATERIALS OR EQUIPMENT REQUIRED OR FOR DIFFICULTIES ENCOUNTERED, WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE, WILL NOT BE RECOGNIZED. IT SHALL ALSO CONSTITUTE A REPRESENTATION THAT EACH PRIME CONTRACTOR HAS CHECKED AND VERIFIED ALL DIMENSIONS, QUANTITIES, WORK, AND MATERIALS INVOLVED AND THAT THEY SHALL TAKE RESPONSIBILITY FOR ANY DEFICIENCIES THEREIN.
- EACH PRIME CONTRACTOR SHALL SUBMIT IN WRITING ALL PROPOSALS FOR ADDITIONAL WORK TO THE DIRECTOR'S REPRESENTATIVE OFFICE FOR REVIEW AND APPROVAL. WORK IS NOT TO PROCEED UNTIL A SIGNED AUTHORIZATION IS RETURNED TO THE CONTRACTOR UNLESS WORK INVOLVES AN IMMEDIATE OR IMMINENT SAFETY HAZARD. SEE GENERAL CONDITIONS AND SECTION 01250 CONTRACT MODIFICATION PROCEDURES.
- CONSTRUCTION CONTRACTOR (ALSO KNOWN AS GENERAL CONTRACTOR) SHALL BE RESPONSIBLE FOR ALL SITE WORK.
- CONSTRUCTION CONTRACTOR (ALSO KNOWN AS GENERAL CONTRACTOR) SHALL BE RESPONSIBLE FOR ALL SITE WORK AS WELL AS SITE UTILITY WORK OUTSIDE OF 5'-0" BUILDING PERIMETER (UNLESS OTHERWISE NOTED), INCLUDING BUT NOT LIMITED TO WATER DISTRIBUTION PIPING, SANITARY AND STORM SEWERS, UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS.
- MECHANICAL CONTRACTOR WORK INVOLVES THE INSTALLATION OF ALL ITEMS OF MECHANICAL (EXHAUST VENTILATION) WORK SHOWN IN THE CONTRACT DOCUMENTS (UNLESS OTHERWISE NOTED), REQUIRED FOR A COMPLETE AND CODE COMPLIANT SYSTEM. NO WORK OUTSIDE 5'-0" OF BUILDING(S) PERIMETER IS INCLUDED IN THE MECHANICAL CONTRACT. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR 120 VAC ELECTRICAL CONNECTIONS. MECHANICAL CONTRACTOR SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS AND UTILITIES.
- PLUMBING CONTRACTOR WORK INVOLVES THE INSTALLATION OF ALL ITEMS OF PLUMBING WORK SHOWN IN THE CONTRACT DOCUMENTS (UNLESS OTHERWISE NOTED), REQUIRED FOR A COMPLETE AND CODE COMPLIANT SYSTEM. NO WORK OUTSIDE 5'-0" OF BUILDING(S) PERIMETER IS INCLUDED IN THE PLUMBING CONTRACT EXCEPT AS OTHERWISE NOTED. PLUMBING CONTRACTOR IS RESPONSIBLE FOR CONNECTION AT THE TRANSITION POINT. PLUMBING CONTRACTOR SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS AND UTILITIES.
- ELECTRICAL CONTRACTOR WORK INVOLVES THE INSTALLATION OF ALL ITEMS OF ELECTRICAL WORK SHOWN IN THE CONTRACT DOCUMENTS (UNLESS OTHERWISE NOTED), REQUIRED FOR A COMPLETE AND CODE COMPLIANT SYSTEM. ELECTRICAL CONTRACTOR SHALL PROVIDE WEATHERHEAD WITH DRIP LOOP, INSULATORS, AND ASSOCIATED EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE OVERHEAD ELECTRICAL SERVICE CONDUCTORS BETWEEN WEATHERHEAD AND ELECTRIC UTILITY DISTRIBUTION WIRING ON THE SITE AND MAKE ALL NECESSARY CONNECTIONS. ELECTRICAL CONTRACTOR SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS AND ELECTRIC UTILITY (ORANGE & ROCKLAND - ORANGE COUNTY, 500 ROUTE 208, MONROE, NY - TELEPHONE 1-877-434-4100).
- ELECTRICAL INSPECTIONS, BY A NYS QUALIFIED ELECTRICAL INSPECTOR, SHALL BE PERFORMED FOR ALL ELECTRICAL WORK THAT IS TO BE CONCEALED. THE ELECTRICAL INSPECTOR SHALL BE ENGAGED BY THE OWNER OR THE OWNER'S AGENTS, AND NOT BY THE CONTRACTOR WHOSE WORK IS TO BE INSPECTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO NYS OPRHP PRIOR TO COMMENCING INSPECTIONS. THE ELECTRICAL INSPECTOR IS TO SUBMIT DETAILED INSPECTION REPORTS SUBSEQUENT TO EACH INSPECTION AND A FINAL CERTIFICATE OF INSPECTION UPON COMPLETION OF CONSTRUCTION.
- ALL WORK MATERIALS ARE TO BE ORDERED SUFFICIENTLY AHEAD OF TIME SO THAT THE WORK CAN PROCEED AS SCHEDULED.
- ANY MATERIALS DELIVERED OR WORK PERFORMED CONTRARY TO THE DRAWINGS, SPECIFICATIONS AND APPROVED SHOP DRAWINGS SHALL BE REMOVED BY THE RESPONSIBLE CONTRACTOR AT THEIR EXPENSE AND SHALL BE REPLACED WITH THE OTHER MATERIALS OR WORK SATISFACTORY TO THE DIRECTOR'S REPRESENTATIVE. THE RESPONSIBLE CONTRACTOR SHALL ALSO ASSUME THE COST OF REPLACING ADJACENT OR CONTINGENT WORK, WHICH MAY BE DISTURBED BY THIS REPLACEMENT.
- EACH PRIME CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INCURRED FOR DAMAGES CAUSED BY THEIR SUB-CONTRACTORS AND SHALL HAVE A COMPETENT SUPERINTENDENT ON THE PREMISES AT ALL TIMES WHEN WORK IS IN PROGRESS.
- EACH PRIME CONTRACTOR SHALL KEEP THE DIRECTOR'S REPRESENTATIVE INFORMED OF THE PROGRESS OF THEIR WORK.
- PROGRESS SCHEDULE MUST BE SUBMITTED IN ACCORDANCE WITH SECTION 01 ADMINISTRATIVE REQUIREMENTS (10 DAYS PRIOR TO PRE-CONSTRUCTION MEETING).
- ANY DAMAGE TO NEW OR EXISTING BUILDING FABRIC NOT DESIGNATED FOR REPAIR OR OTHER APPROVED TREATMENT DURING CONSTRUCTION IS TO BE CORRECTED AT THE RESPONSIBLE CONTRACTORS EXPENSE ONLY AFTER THOROUGH EXAMINATION BY THE DIRECTOR'S REPRESENTATIVE.
- EACH PRIME CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK. ANY REPAIRS TO THE EXTERIOR SURFACES AND COMPONENTS MUST BE DISCUSSED WITH THE DIRECTOR'S REPRESENTATIVE PRIOR TO EXECUTING THE WORK.
- EACH PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR ACCURATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND FOR CORRECT ALIGNMENT WITH ADJACENT MATERIALS AND SURFACES, ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
- CONSTRUCTION LOADS SHALL NOT OVERLOAD STRUCTURE NOR SHALL BE IN EXCESS OF DESIGN LOADINGS INDICATED HEREIN.
- AT ALL TIMES EACH PRIME CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN AND PROTECT ALL EXISTING SYSTEMS FROM THE EFFECTS OF ADVERSE WEATHER (RAIN, SNOW, COLD, ETC.) WITHIN AREAS OF WORK UNDER THIS CONTRACT AT NO ADDITIONAL CHARGE.
- ALL LADDERS, AND SCAFFOLDING SHALL BE IN GOOD OPERATING CONDITION, AND SHALL CONFORM TO ALL APPLICABLE STANDARDS. ALL DAMAGED LADDERS, AND ROLLING SCAFFOLDING WILL BE IMMEDIATELY REMOVED FROM THE JOB SITE. ALL PLATFORM, ACCESS, SITE SCAFFOLDING SHALL CONFORM TO THE LATEST REQUIREMENTS STANDARDS AND GUIDELINES ESTABLISHED BY OSHA. DURING WORK, ALL ELECTRICAL HAND TOOLS MUST BE GROUNDED PROPERLY. ALL APPROPRIATE PROTECTIVE GEAR, INCLUDING EYE GOGGLES, WILL BE WORN DURING ANY CUTTING, WHETHER BY HAND OR BY MECHANICAL MEANS OF MASONRY COMPONENTS AND ANY OTHER CONSTRUCTION OPERATIONS, WHICH REQUIRE SAFETY CLOTHING AND PROTECTIVE EQUIPMENT.
- EACH PRIME CONTRACTOR TO COORDINATE LOCATION OF ALL PARTITIONS ENCLOSING EQUIPMENT, INCLUDING WATER COOLERS, WITH APPROVED SHOP DRAWINGS. PRIOR TO BEGINNING ERECTION OF PARTITIONS.
- PARTITION CONSTRUCTION IS INDICATED BY WALL TYPE THICKNESS AND ROOM FINISH SCHEDULE.
- NEW PARTITIONS: EXTEND ALL PARTITIONS TO +7'-5" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
- PROVIDE 3/4" PLYWOOD BLOCKING OR 6" HIGH X 18 GA. STEEL SHEET BLOCKING IN PARTITIONS AT ALL LOCATIONS WITH SURFACE APPLIED EQUIPMENT OR ACCESSORIES, SUCH AS HANDRAILS, TOILET ACCESSORIES, WALL BUMPERS, WALL MOUNTED DOOR STOPS AND FOR SUPPORT OF WALL CABINETS, SHELVES, EQUIPMENT, ETC.
- CONFIRM CHASE WALL DIMENSIONS WITH PLUMBING CONTRACTOR. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- RESTORE DAMAGED AND EXPOSED FINISHES OR PATCHED AREAS IN A MANNER WHICH ELIMINATES EVIDENCE OF PATCHING AND REFINISHING.
- INSPECT SUBSTRATES AND REPORT UNSATISFACTORY CONDITIONS IN WRITING. DO NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- LOCATE HINGE SIDE OF DOOR FRAMES 6" FROM PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
- PAINT ALL EXPOSED INTERIOR AND EXTERIOR PIPING, CONDUITS, ETC. TO MATCH ADJACENT WALL SURFACE.

SAFETY PLAN:

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE NEW YORK STATE BUILDING CODE, AND REGULATIONS OF ALL OTHER AGENCIES HAVING JURISDICTION.
- FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS SHALL BE PROVIDED BY CONSTRUCTION CONTRACTOR IN CONSPICUOUS LOCATION(S) THROUGHOUT THE FACILITY DURING CONSTRUCTION AND WITH THE MAXIMUM TRAVEL DISTANCE OF 75 FEET TO ANY FIRE EXTINGUISHER.
- STORAGE OF MATERIALS AND BUILDING SAFETY:
 - ALL BUILDING MATERIALS STORED AT THE SITE OR ANY AREAS OF THE BUILDING ARE TO BE STORED IN AN ORDERLY MANNER AND SECURED IN A LOCKED AREA(S). ACCESS TO SUCH AREA IS TO BE CONTROLLED BY BOTH CONTRACTORS AND THE OWNERS REPRESENTATIVE. THE OWNERS REPRESENTATIVE MUST APPROVE STORAGE OF ALL MATERIALS.
 - NO FLAMMABLE MATERIALS ARE TO BE STORED AT THE SITE. ALL MATERIALS USED ON A DAILY BASIS ARE TO BE KEPT TIGHTLY SEALED IN THEIR RESPECTIVE MANUFACTURERS' CONTAINERS. SUCH MATERIALS ARE TO BE KEPT AWAY FROM HEAT. ALL FLAMMABLE MATERIAL IS TO BE USED IN AN ADEQUATELY VENTED SPACE.
 - ALL ELECTRICAL POWER TO BE SHUT OFF WHERE THERE ARE EXPOSED CONDUITS.
- DUST CONTROL:
 - DEBRIS, DIRT AND DUST TO BE KEPT AT A MINIMUM AND CONFINED TO SCAFFOLDING AND TO THE IMMEDIATE CONSTRUCTION AREA.
 - DEBRIS, DIRT AND DUST TO BE CLEANED UP AND CLEARED FROM THE BUILDING PERIODICALLY TO AVOID EXCESS ACCUMULATION. NO DEBRIS SHALL BE ALLOWED TO ACCUMULATE. DUMPSTERS ARE TO BE REMOVED AS FILLED.
- CONSTRUCTION OPERATION AND HOURS:
 - CONSTRUCTION OPERATIONS WILL BE CONFINED TO NORMAL WORKING HOURS: MONDAY THROUGH FRIDAY, 7AM - 4:30 PM. SATURDAY WORK IS SUBJECT TO PRIOR APPROVAL BY THE DIRECTORS REPRESENTATIVE. OPERATIONS OUTSIDE OF THESE HOURS, WEEKENDS, AND DESIGNATED HOLIDAYS ARE SUBJECT TO SPECIAL PERMITS THAT MUST BE FILED NO LATE THAN THE TUESDAY PRECEDING THE SUNDAY WORK BEING REQUIRED.
 - EACH PRIME CONTRACTOR TO OBTAIN CONSENT OF ALL PARTIES AFFECTED BY WORK, OCCURRING OUTSIDE OF REGULAR HOURS AND SUBJECT TO CURRENT APPLICABLE BUILDING DEPARTMENT REGULATION GOVERNING HOURS OR WORK.
- CONSTRUCTION WORK WILL BE CONFINED TO THE AREA(S) DEFINED BY THE WORK AREA LIMITS AND WILL NOT CREATE DUST, DIRT OR OTHER SUCH INCONVENIENCES TO ADJACENT BUILDINGS OR PEDESTRIANS.
- THE SITE WILL REMAIN OPEN TO THE PUBLIC DURING THE WORK OF THIS CONTRACT. EACH PRIME CONTRACTOR SHALL TAKE EVERY REASONABLE PRECAUTION TO PROTECT THE FACILITY, STAFF, AND THE PUBLIC FROM THE WORK OF THIS CONTRACT, INCLUDING PREVENTING UNAUTHORIZED ACCESS TO LADDERS, SCAFFOLDING, EQUIPMENT, OPEN TRENCHES AND OTHER HAZARDOUS AREAS.

SCOPE OF WORK SUMMARY:

THIS IS A GENERAL SCOPE OF WORK ONLY TO FACILITATE PROJECT UNDERSTANDING. THIS PROJECT INCLUDES, BUT NOT NECESSARILY LIMITED TO THE FOLLOWING SCOPE OF WORK AND ALL RELATED WORK TO ACCOMPLISH IT.

- GRADING AS REQUIRED FOR BUILDING CONSTRUCTION.
- EXCAVATION FOR AND INSTALLATION OF A CONCRETE PIER BUILDING FOUNDATIONS.
- CONSTRUCTION OF BATHHOUSE #231 & #322, LATRINE #427, DINING HALL #404 EXTERIOR CANOPY STRUCTURE.
- CONSTRUCTION OF STAIR, SLOPED WALKWAYS AND PORCHES TO BATHHOUSE #231 & #322 AND LATRINE #427.
- PROVIDE MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS AT BATHHOUSE #231 & #322 AND LATRINE #427.
- PROVIDE CONNECTIONS TO EXISTING ON-SITE UTILITIES, INCLUDING BUT NOT LIMITED TO WATER SUPPLY, SEWER, ELECTRICAL, AND COMMUNICATIONS.

Abbreviations

AFF	Above finish floor
B.O.	Bottom of
CIP	Cast in Place
CL	Centerline
CJ	Control Joint
CMU	Concrete masonry unit
DIM	Dimension
EJ	Expansion joint
ELECT.	Electrical
FEC	Fire extinguisher and cabinet
FIN	Finish
GFRC	Glass fiber reinforced concrete
GWB	Gypsum wall board
LA	Landscape Architecture
MAX	Maximum
MECH	Mechanical
MIN	Minimum
MRF	Manufacturer
MTL	Metal
NIC	Not in Contract
OC	On center
PLUMB.	Plumbing
PT/ P.T.	Pressure Treated
PVC	Polyvinyl chloride
REQ'D	Required
R.O.	Rough opening
SF	Square feet
SM	Similar
STRUCT.	Structural
T&G	Tongue and Groove
T.O.	Top of
TYP	Typical
UCN	Unless otherwise noted
VF	Verify in field
WC	Water closet



Governor Kathy Hochul

New York State
Parks, Recreation and
Historic Preservation

Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT OR ENGINEER, TO ALTER THIS DOCUMENT WITHOUT THE SIGNATURE OF THE ARCHITECT OR ENGINEER. ANY ALTERATION MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP
Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering 018281
Last Surveying 01/07/23
Geological 01/8750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

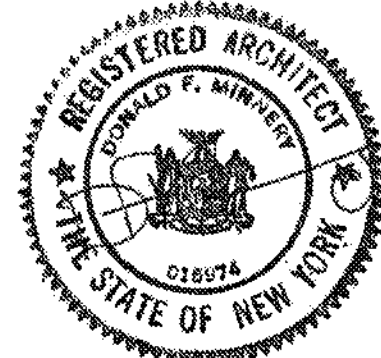
Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By: LLH	Seal and Signature 
Design By: LLH	
Checked By: CTS	
Approved By: CTS	
Date: 3/16/23	

Sheet Title: Drawing Number:

GENERAL
INFORMATION

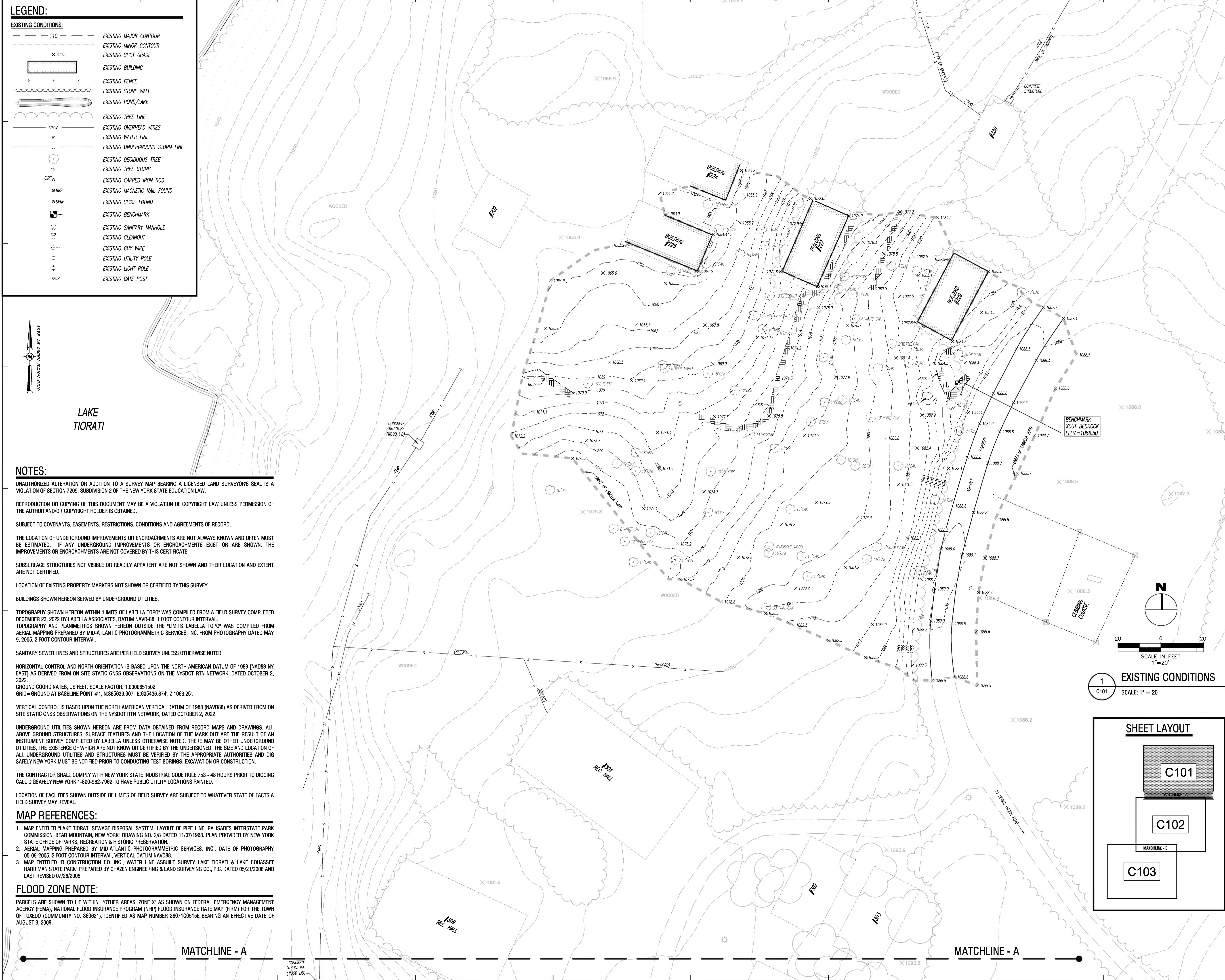
G101

Bid Documents

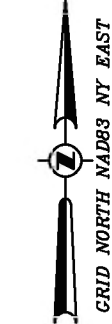
Project Number:
21059.23

Drawing Name: B:\GL\BATH\Projects\Saratoga Associates\2222163-05 - NYS Parks 100876\2222163-05 - Harriman State Park Camp Junior Ph 3\05 Drawings\Civil\00_C101-C103_2222163-05_EXIST.dwg
Xref's Attached: X-BASEMAP-SVY_2222163-05; X-BORDER1_2222163-05; X-400RDER1_2222163-05; X-TOPO-AERIAL-2005_2222163-05
Date Printed: Mar 16, 2023 9:12am
XXXXXXXX XX:XXPM >

NOT FOR CONSTRUCTION



LEGEND:	
EXISTING CONDITIONS:	
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING SPOT GRADE
	EXISTING BUILDING
	EXISTING FENCE
	EXISTING STONE WALL
	EXISTING POND/LAKE
	EXISTING TREE LINE
	EXISTING OVERHEAD WIRES
	EXISTING WATER LINE
	EXISTING UNDERGROUND STORM LINE
	EXISTING DECIDUOUS TREE
	EXISTING TREE STUMP
	EXISTING CAPPED IRON ROD
	EXISTING MAGNETIC NAIL FOUND
	EXISTING SPIKE FOUND
	EXISTING BENCHMARK
	EXISTING SANITARY MANHOLE
	EXISTING CLEANOUT
	EXISTING GUY WIRE
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING GATE POST



LAKE
TIORATI

NOTES:

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

REPRODUCTION OR COPYING OF THIS DOCUMENT MAY BE A VIOLATION OF COPYRIGHT LAW UNLESS PERMISSION OF THE AUTHOR AND/OR COPYRIGHT HOLDER IS OBTAINED.

SUBJECT TO COVENANTS, EASEMENTS, RESTRICTIONS, CONDITIONS AND AGREEMENTS OF RECORD.

THE LOCATION OF UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. IF ANY UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS EXIST OR ARE SHOWN, THE IMPROVEMENTS OR ENCROACHMENTS ARE NOT COVERED BY THIS CERTIFICATE.

SUBSURFACE STRUCTURES NOT VISIBLE OR READILY APPARENT ARE NOT SHOWN AND THEIR LOCATION AND EXTENT ARE NOT CERTIFIED.

LOCATION OF EXISTING PROPERTY MARKERS NOT SHOWN OR CERTIFIED BY THIS SURVEY.

BUILDINGS SHOWN HEREON SERVED BY UNDERGROUND UTILITIES.

TOPOGRAPHY SHOWN HEREON WITHIN "LIMITS OF LABELLA TOPO" WAS COMPILED FROM A FIELD SURVEY COMPLETED DECEMBER 23, 2022 BY LABELLA ASSOCIATES. DATUM NAVD83, 1 FOOT CONTOUR INTERVAL.
TOPOGRAPHY AND PLANIMETRICS SHOWN HEREON OUTSIDE THE "LIMITS LABELLA TOPO" WAS COMPILED FROM AERIAL MAPPING PREPARED BY MID-ATLANTIC PHOTOGRAMMETRIC SERVICES, INC. FROM PHOTOGRAPHY DATED MAY 9, 2005, 2 FOOT CONTOUR INTERVAL.

SANITARY SEWER LINES AND STRUCTURES ARE PER FIELD SURVEY UNLESS OTHERWISE NOTED.

HORIZONTAL CONTROL AND NORTH ORIENTATION IS BASED UPON THE NORTH AMERICAN DATUM OF 1983 (NAD83 NY EAST) AS DERIVED FROM ON SITE STATIC GNSS OBSERVATIONS ON THE NYS DOT RTN NETWORK, DATED OCTOBER 2, 2022.

GROUND COORDINATES, US FEET. SCALE FACTOR: 1.0000851502

GRID=GROUND AT BASELINE POINT #1, N 885639.067', E 605436.874', Z 1063.25'

VERTICAL CONTROL IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88) AS DERIVED FROM ON SITE STATIC GNSS OBSERVATIONS ON THE NYS DOT RTN NETWORK, DATED OCTOBER 2, 2022.

UNDERGROUND UTILITIES SHOWN HEREON ARE FROM DATA OBTAINED FROM RECORD MAPS AND DRAWINGS. ALL ABOVE GROUND STRUCTURES, SURFACE FEATURES AND THE LOCATION OF THE MARK OUT ARE THE RESULT OF AN INSTRUMENT SURVEY COMPLETED BY LABELLA UNLESS OTHERWISE NOTED. THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN OR CERTIFIED BY THE UNDERSIGNED. THE SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES AND DIG SAFELY NEW YORK MUST BE NOTIFIED PRIOR TO CONDUCTING TEST BORINGS, EXCAVATION OR CONSTRUCTION.

THE CONTRACTOR SHALL COMPLY WITH NEW YORK STATE INDUSTRIAL CODE RULE 753 - 48 HOURS PRIOR TO DIGGING CALL DIG SAFELY NEW YORK 1-800-962-7962 TO HAVE PUBLIC UTILITY LOCATIONS PAINTED.

LOCATION OF FACILITIES SHOWN OUTSIDE OF LIMITS OF FIELD SURVEY ARE SUBJECT TO WHATEVER STATE OF FACTS A FIELD SURVEY MAY REVEAL.

MAP REFERENCES:

1. MAP ENTITLED "LAKE TIORATI SEWAGE DISPOSAL SYSTEM, LAYOUT OF PIPE LINE, PALISADES INTERSTATE PARK COMMISSION, BEAR MOUNTAIN, NEW YORK" DRAWING NO. 2/8 DATED 11/07/1968. PLAN PROVIDED BY NEW YORK STATE OFFICE OF PARKS, RECREATION & HISTORIC PRESERVATION.
2. AERIAL MAPPING PREPARED BY MID-ATLANTIC PHOTOGRAMMETRIC SERVICES, INC., DATE OF PHOTOGRAPHY 05-09-2005, 2 FOOT CONTOUR INTERVAL, VERTICAL DATUM NAVD88.
3. MAP ENTITLED "D CONSTRUCTION CO. INC., WATER LINE ASBUILT SURVEY LAKE TIORATI & LAKE CHASSET HARRIMAN STATE PARK" PREPARED BY CHAZEN ENGINEERING & LAND SURVEYING CO., P.C. DATED 05/21/2006 AND LAST REVISED 07/28/2006.

FLOOD ZONE NOTE:

PARCELS ARE SHOWN TO LIE WITHIN "OTHER AREAS, ZONE X" AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), NATIONAL FLOOD INSURANCE RATE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM) FOR THE TOWN OF TUXEDO (COMMUNITY NO. 360631), IDENTIFIED AS MAP NUMBER 36071C0515E BEARING AN EFFECTIVE DATE OF AUGUST 3, 2009.

Governor Kathy Hochul
Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2021

Architect:
SARATOGA ASSOCIATES
21 CONGRESS STREET, SUITE 201
SARATOGA SPRINGS, NEW YORK 12086

Surveyor / Structural / MEP Engineer:
LABELLA ASSOCIATES
4 BRITISH AMERICAN BOULEVARD
LATHAM, NEW YORK 12110

NYS OPRHP Palisades Region
Palisades Interstate Park Commission
Bear Mountain, NY 10911
(845) 786-2701
Executive Director: James Hall
Capital Facilities Mngr: Michael Tesik

Project Title:
Camp Junior - Phase 3
Campground Rehabilitation
Contract No. D005876

Project Location:
Harriman State Park
Tiorati Brook Road
Tuxedo, NY 10987

Rev No	Description	Date:
1	EXISTING CONDITIONS	

SCALE: 1" = 20'

SHEET LAYOUT

C101
MATCHLINE - A

C102
MATCHLINE - B

C103

Drawn By: CJS
Design By: N/A
Checked By: DHD
Approved By: DMS
Date: 03/16/2023

Sheet Title:
EXISTING CONDITIONS
BATHHOUSE #231

BID DOCUMENTS SET

Project Number: 2021-059.23

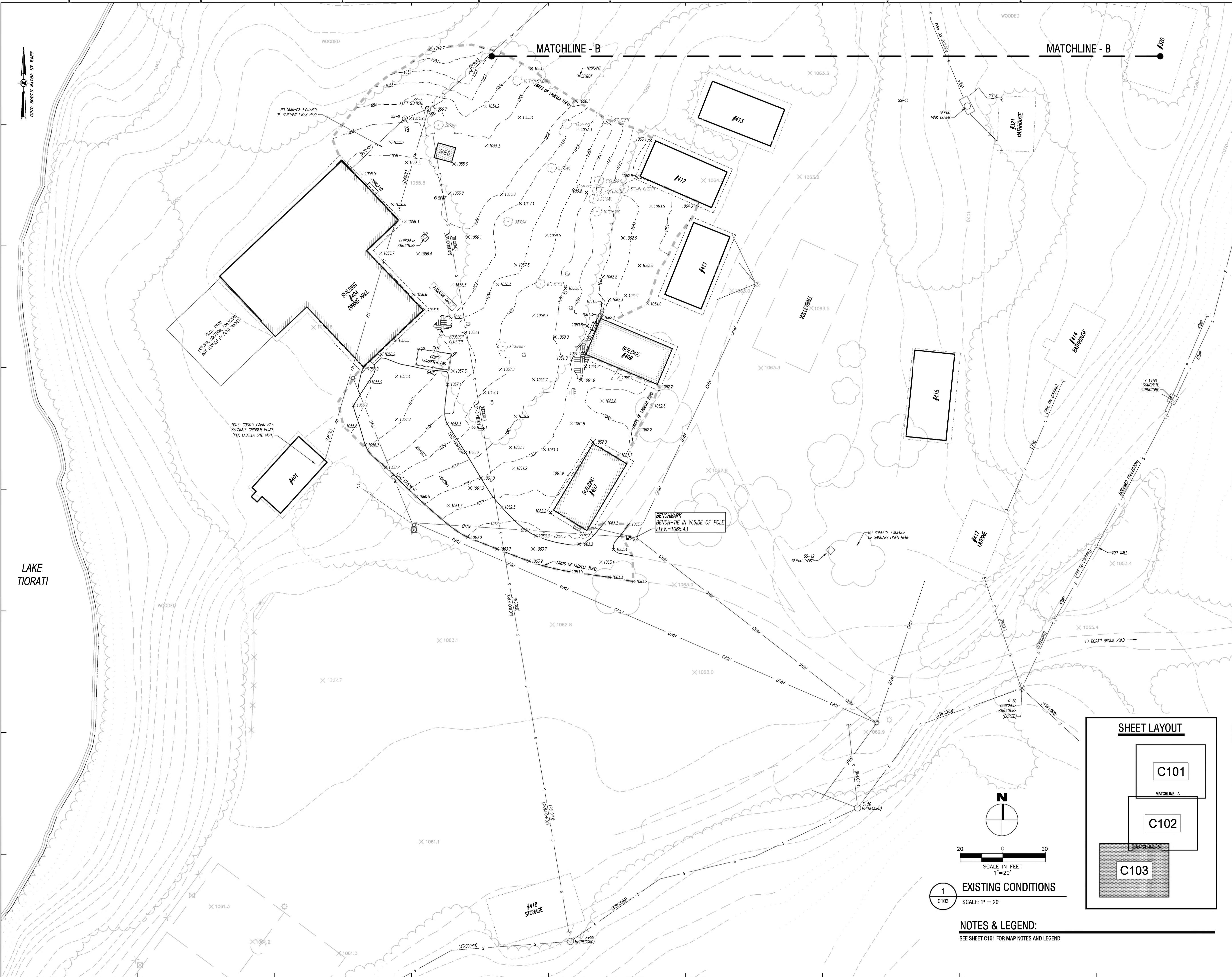
Seal and Signature


David H. Dippel, L.S. NYS #050677
EXP: 01/31/2025

Drawing Number:
C101

Sheet: of X

Drawing Name: B:\GL\B\Projects\Saratoga Associates\222163 - NYS Parks\000876\222163.05 - Harriman State Park Camp Junior Ph. 3\06 Drawings\Civil\00_C101-C103_222163-05_EXIST.dwg
Xref's Attached: X-BASEMAP-SVY_222163-05_X-BORDER_222163-05_X-BORDER_222163-05_X-TIPO-ABRIL-2005_222163-05
Date Plotted: Mar 16, 2023 9:12am
XXXXXXXXXX XX:XXPM > NOT FOR CONSTRUCTION





New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2021

Architect:
SARATOGA ASSOCIATES
21 CONGRESS STREET, SUITE 201
SARATOGA SPRINGS, NEW YORK 12066

SARATOGA ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

**Surveyor / Structural /
MEP Engineer:**
LABELLA ASSOCIATES
4 BRITISH AMERICAN BOULEVARD
LATHAM, NEW YORK 12110

LaBella
Powered by partnership.
2222163.05

NYS OPRHP Palisades Region
Palisades Interstate Park Commission
Bear Mountain, NY 10911
(845) 786-2701
Executive Director: James Hall
Capital Facilities Mngr: Michael Tesik

Project Title:
Camp Junior - Phase 3
Campground Rehabilitation
Contract No. D005876

Project Location:
Harriman State Park
Tiorati Brook Road
Tuxedo, NY 10987

REVISIONS

Rev No	Description	Date:
1		
2		
3		
4		
5		
6		
7		

Drawn By:
CJS

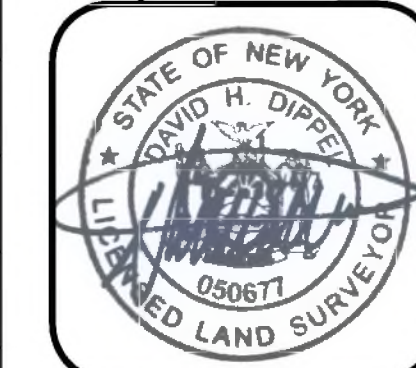
Design By:
N/A

Checked By:
DHD

Approved By:
DMS

Date:
03/16/2023

Seal and Signature



David H. Dippel, L.S. NYS #050677
EXP: 01/31/2025

Sheet Title:
EXISTING
CONDITIONS
BATHHOUSE #427

Drawing Number:
C103

BID DOCUMENTS SET

Project Number:
2021-059.23

Sheet:
of X

20 0 20
SCALE IN FEET
1"=20'

NOTES & LEGEND:
SEE SHEET C101 FOR MAP NOTES AND LEGEND.

SHEET LAYOUT

C101

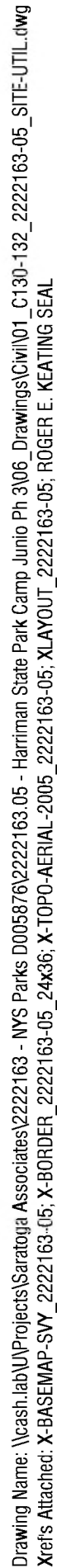
MATCHLINE - A

C102

MATCHLINE - B

C103

2222163.05 - 7151



IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2021

SARATOGA
ASSOCIATES

SARATOGA ASSOCIATES
21 CONGRESS STREET, SUITE 201
SARATOGA SPRINGS, NEW YORK 12866

Landscape Architects, Architect


Surveyor / Structural / MEP Engineer:

 **LaBella**
Powered by partnerships.
2222163.C

Palisades Interstate Park Commission
Bear Mountain, NY 10911
(845) 786-2701
Executive Director: James Hall
Capital Facilities Mngr: Michael Tesik

Camp Junior - Phase 3
Campground Rehabilitation
Contract No. D005876

Harriman State Park
Tiorati Brook Road
Tuxedo, NY 10987

Drawn By: CAR	Seal and Signature 
Design By: SMF	
Checked By: REK	
Approved By: DMS	
Date: 04/04/2022	

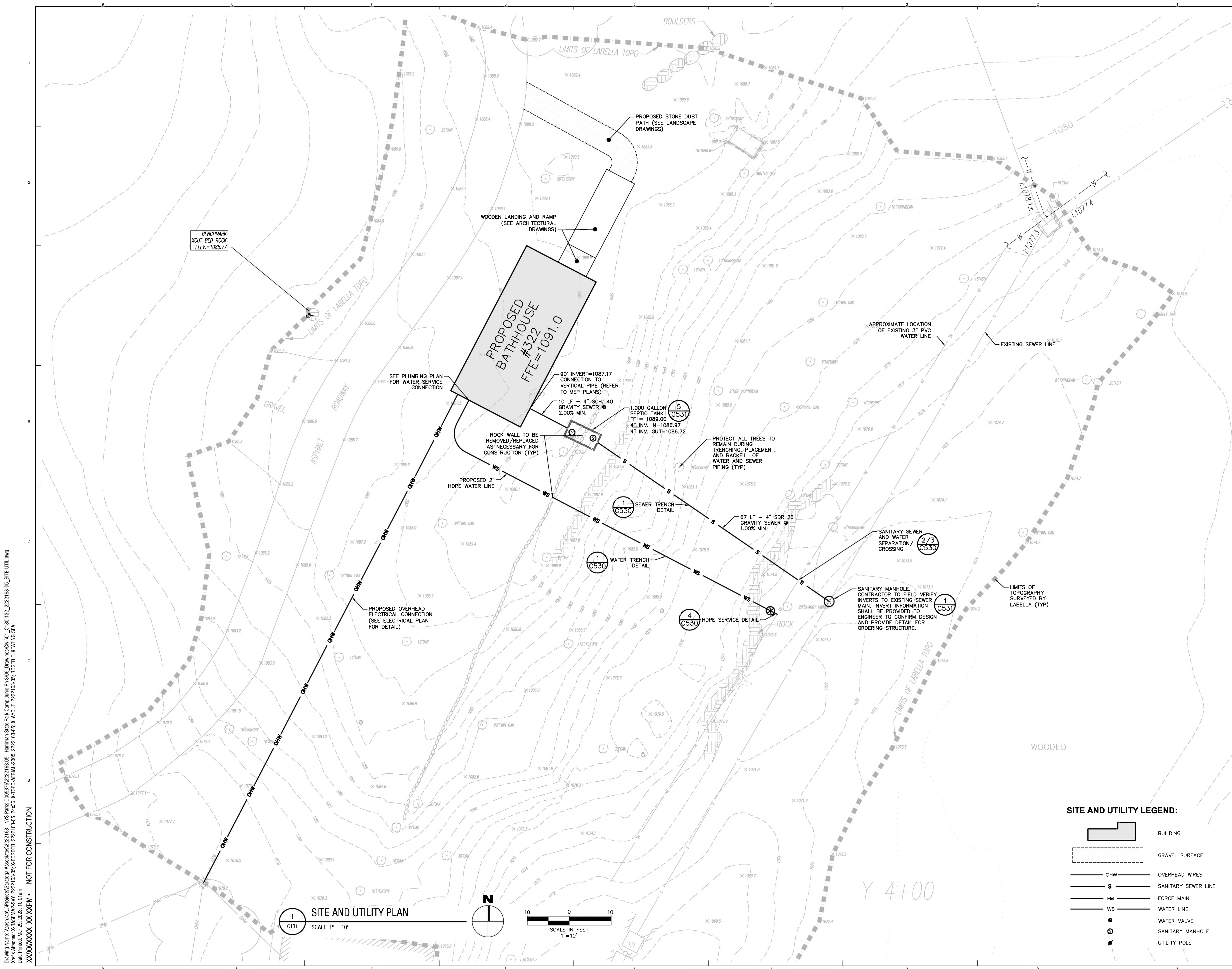
Drawing Number:

SITE AND
UTILITY PLAN -
BATHHOUSE
#322

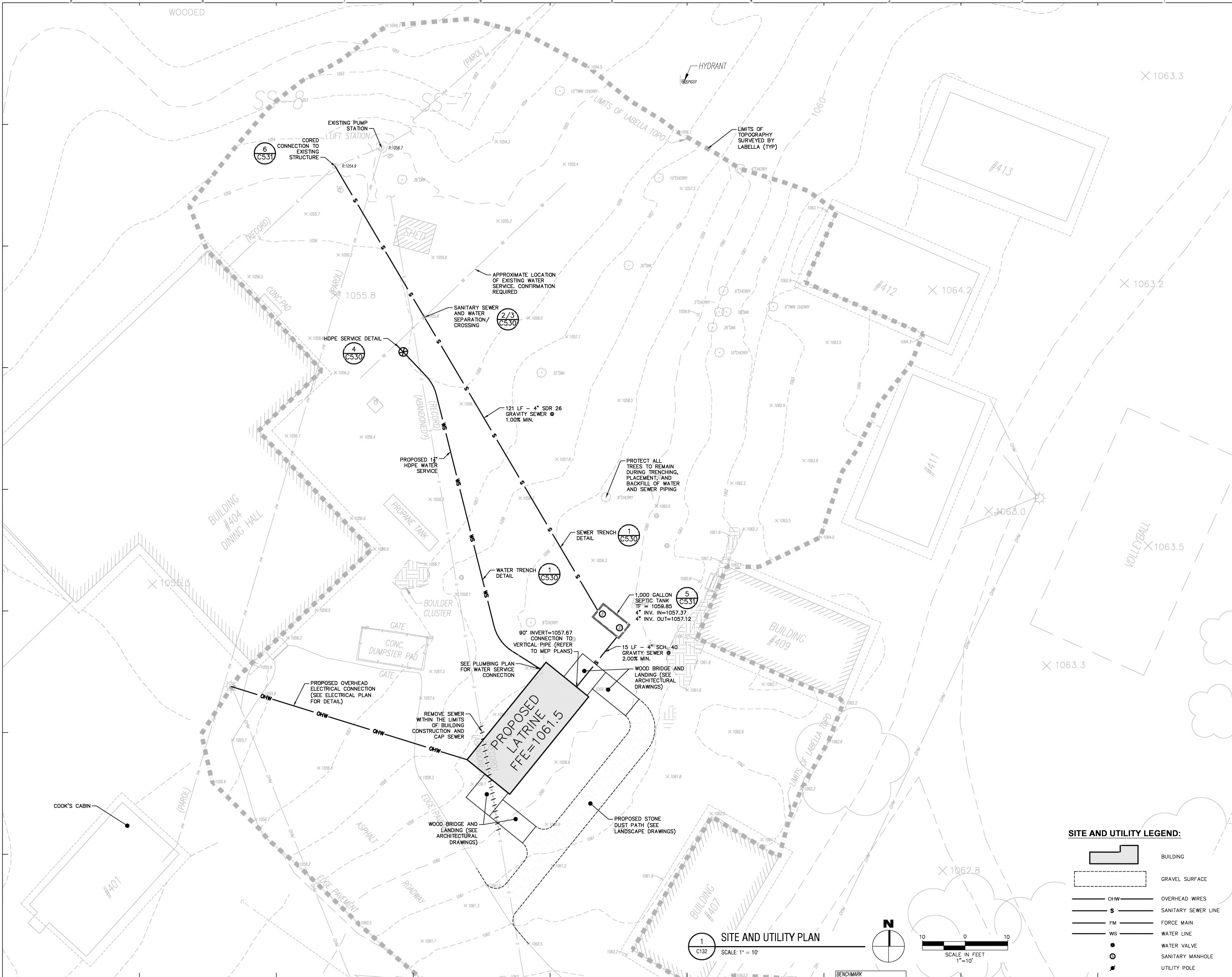
BID DOCUMENTS SET


Project Number:
2021-059.23

Sheet: 2 of 2



Drawing Name: V:\sh\all\Projects\Saratoga Associates\222163 - NYS Parks 1005970\222163.05 - Harriman State Park Camp, Junior Ph 3\05 Drawings\Civil\01 C132-132_222163.05_SITE-UTIL.DWG
Xref's Attached: X-BASEMAP-SV_222163.05, X-BORDER_222163.05, X-TOPO-AERIAL-2005_222163.05, X-AVOUT_222163.05, ROGER E. KEATING SEAL
Date Printed: Mar 29, 2023, 10:02am
XXXXXXXX XX:XXPM > NOT FOR CONSTRUCTION





New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL, AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2021

Architect:
SARATOGA ASSOCIATES
21 CONGRESS STREET, SUITE 201
SARATOGA SPRINGS, NEW YORK 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

**Surveyor / Structural /
MEP Engineer:**
LaBella Associates
4 BRITISH AMERICAN BOULEVARD
LATHAM, NEW YORK 12110

LaBella
Professional Engineering
2222163.05

NYS OPRHP Palisades Region
Palisades Interstate Park Commission
Bear Mountain, NY 10911
(845) 786-2701
Executive Director: James Hall
Capital Facilities Mngr: Michael Tesik

Project Title:
Camp Junior - Phase 3
Campground Rehabilitation
Contract No. D005876

Project Location:
Harriman State Park
Tiorati Brook Road
Tuxedo, NY 10987

REVISIONS		
Rev No	Description	Date
1		
2		
3		
4		
5		
6		

Drawn By:
CAR


Design By:
SMF

Checked By:
REK

Approved By:
DMS

Date:
03/31/2023

Seal and Signature



EXP: 12/31/2023

Sheet Title:
SITE AND
UTILITY PLAN -
LATRINE #427

BID DOCUMENTS SET

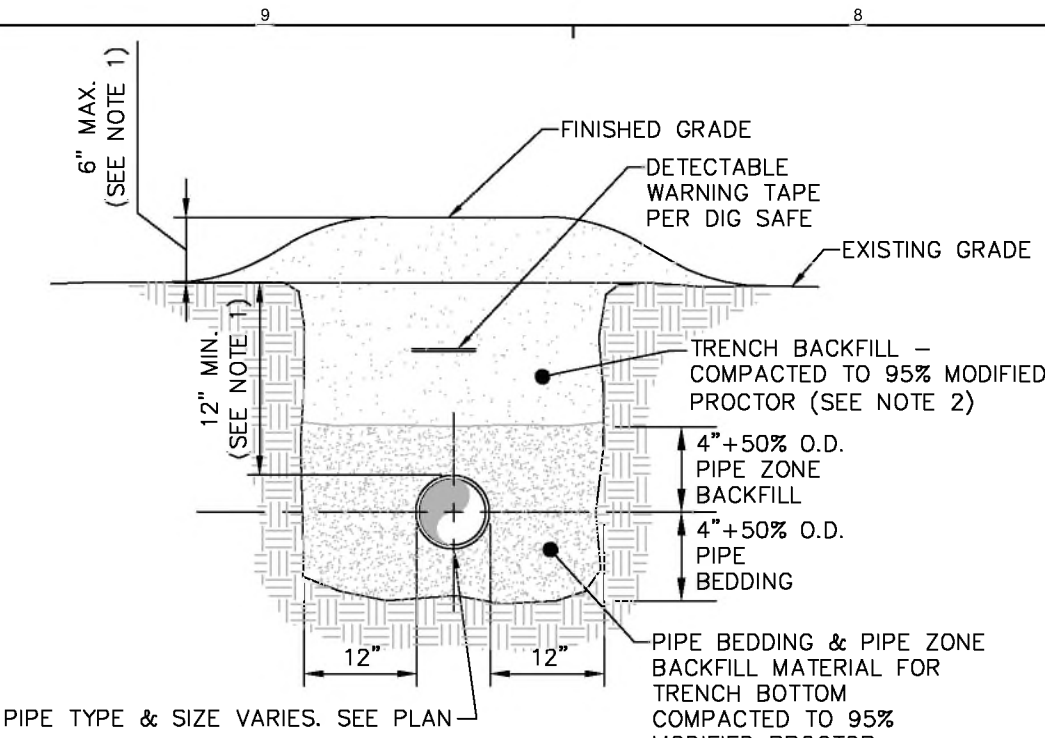
Project Number:
2021-059.23

Drawing Number:

C132

Sheet:
3 of

Drawing Name: \\saratoga\Projects\Saratoga Associates\222163 - NYS Parks (D005876)\222163-05 - Harriman State Park Comp. Junior Ph 3\05 Drawings\Civil\01_C530_222163-05_DET.dwg
Xref's Attached: X-B000000, 222163-05_24606, ROGER E. KEATINGE SEAL
Date Printed: Mar 16, 2023, 4:27pm
XXXXXXXX XX:XXPM > NOT FOR CONSTRUCTION



PIPE TYPE & SIZE VARIES. SEE PLAN

NOTES:

1. MINIMUM COVER OVER TOP OF PIPE SHALL BE 18". IF 18" OF COVER CAN NOT BE ACHIEVED THROUGH EXCAVATION DUE TO THE PRESENCE OF ROCK, THE PIPE SHALL BE PLACED WITH 12" OF COVER TO EXISTING GRADE AND SHALL BE COVERED WITH AN ADDITIONAL 6" OF TRENCH BACKFILL MATERIAL TO OBTAIN 18" OF TOTAL COVER OVER TOP OF THE PIPE.

2. PIPE BEDDING & PIPE ZONE BACKFILL SHALL BE AN IMPORTED NATURAL RUN-OF-BANK (R.O.B.) SAND OR A MIXTURE OF CRUSHED STONE AND GRAVEL, FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC MATERIALS AND ELONGATED PARTICLES, AND SHALL BE WELL GRADED FROM FINE TO COARSE PARTICLES. TRENCH BACKFILL GRADATIONS SHALL BE APPROVED BY THE ENGINEER AND SHALL MEET THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE DESIGNATION	% PASSING
3/4"	100%
NO. 40	0-70%
NO. 200	0-10%

3. TRENCH BACKFILL SHALL BE A NATURAL RUN-OF-BANK (R.O.B.) OR PROCESSED GRAVEL, OR EXCAVATED MATERIAL FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC MATERIALS AND ELONGATED PARTICLES, AND SHALL BE WELL GRADED FROM FINE TO COARSE PARTICLES. TRENCH BACKFILL GRADATIONS SHALL BE APPROVED BY THE ENGINEER AND SHALL MEET THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE DESIGNATION	% PASSING
4"	100%
NO. 40	0-70%
NO. 200	0-10%

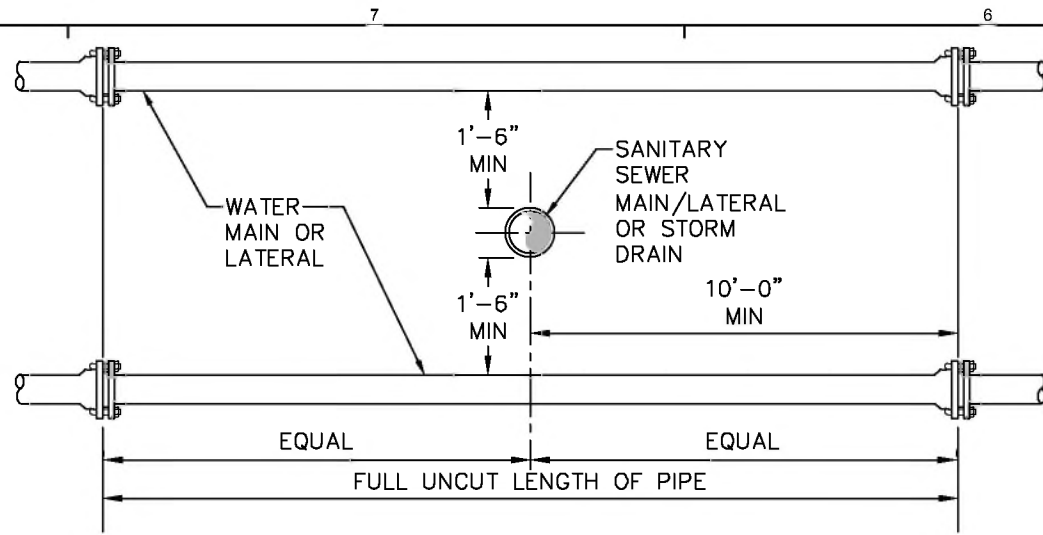
IN NON-TRAFFIC UNPAVED AREAS TRENCH BACKFILL CAN BE MATERIALS EXCAVATED FROM THE TRENCH AS APPROVED BY THE ENGINEER AND COMPACTED TO 90% MODIFIED PROCTOR.

4. INSTALL CONTINUOUS DETECTABLE MARKING TAPE DURING BACKFILLING OF TRENCH FOR UNDERGROUND PIPING. LOCATE TAPE BELOW FINISHED GRADE, DIRECTLY OVER PIPING.

5. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A. STANDARDS.

1 PIPE TRENCH DETAIL (TYPICAL)

SCALE: NOT TO SCALE



NOTES:

1. NO DEVIATION IN THE SEPARATION REQUIREMENTS WILL BE PERMITTED WITHOUT THE EXPRESS APPROVAL OF THE NYS HEALTH DEPARTMENT. OFFSETTING OF WATERLINE SHALL BE REQUIRED WHERE SEPARATION DISTANCES CANNOT BE MAINTAINED.

2. WHEN IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS INDICATED ABOVE, BOTH THE WATER MAIN AND THE SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT, DUCTILE IRON PIPE OR PVC WATER WORKS GRADE PRESSURE PIPE FOR 10' EACH SIDE OF CROSSING AND SHALL BE PRESSURE TESTED TO 150psi TO ASSURE WATER TIGHTNESS.

3. THE WATER MAIN IS TO BE INSTALLED AT A CONTINUOUS GRADE WITH NO ABRUPT HIGH OR LOW POINTS.

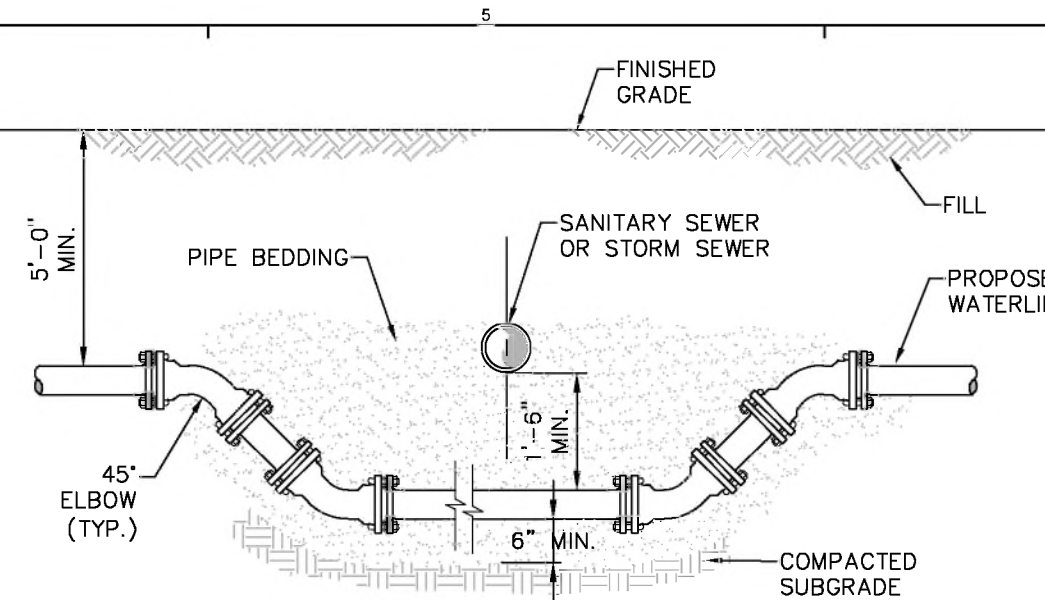
4. THE WATER MAIN IS TO BE INSTALLED AT A CONTINUOUS GRADE WITH NO ABRUPT HIGH OR LOW POINTS.

2 SANITARY/STORM SEWER AND WATERMAIN SEPARATION DETAIL

SCALE: NOT TO SCALE

WATER MAIN NOTES:

1. THE WATER LINE MAY BE DEFLECTED WITHIN PIPE SPECIFICATIONS OR LAID DEEPER IN AREAS WHERE CROSSINGS WITH THE SANITARY LINE OCCUR, TO ACHIEVE THE REQUIRED 1.5' VERTICAL SEPARATION DISTANCE. (SEE WATERLINE OFFSET DETAIL FOR FURTHER INFORMATION).
2. WATER MAINS SHALL BE TESTED PER AWWA SECTION C 600 OR C605.
3. THE WATER MAIN IS TO BE INSTALLED AT A CONTINUOUS GRADE WITH NO ABRUPT HIGH OR LOW POINTS.



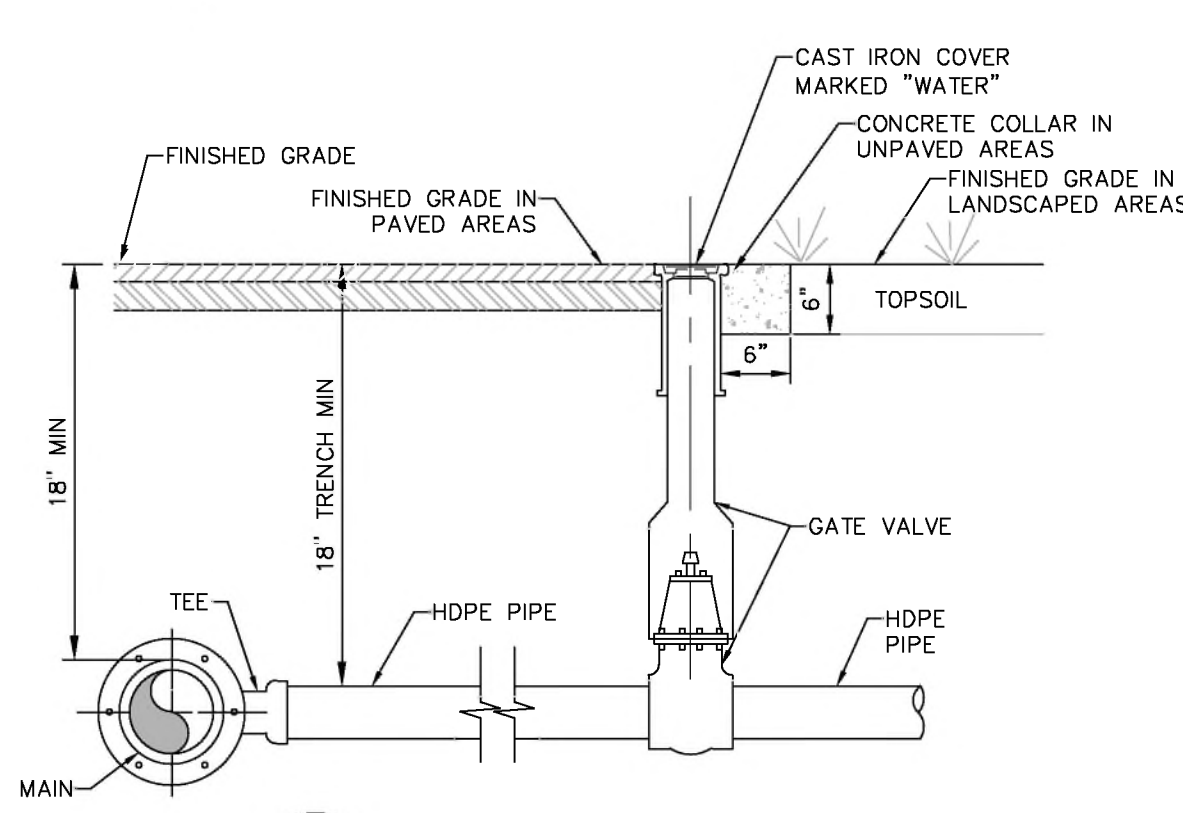
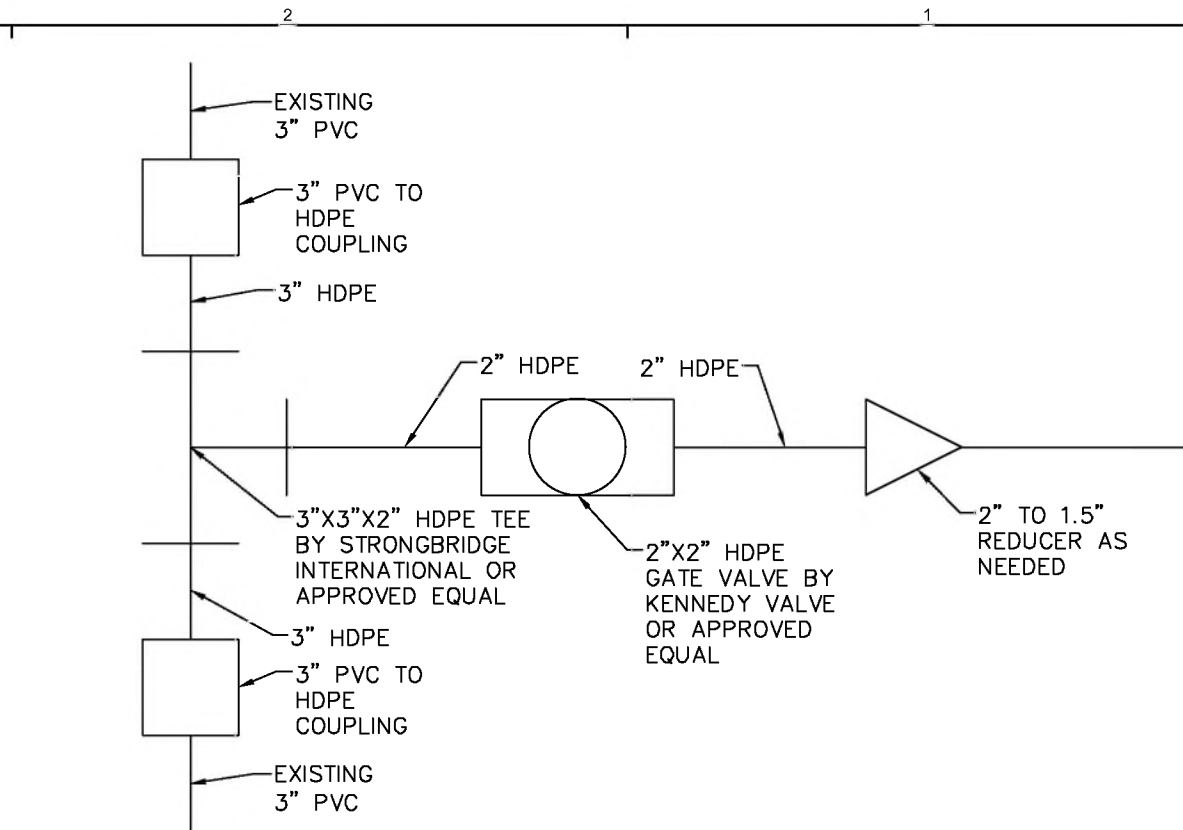
NOTES:

1. WHEN THE ELEVATION OF THE SEWER CAN NOT BE VARIED TO MEET THE ABOVE REQUIREMENTS, THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS REQUIRED SEPARATION.

2. WHEN IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS INDICATED ABOVE, BOTH THE WATER MAIN AND THE SEWER MAIN SHALL BE CONSTRUCTED OF MECHANICAL JOINT, DUCTILE IRON PIPE OR PVC WATER WORKS GRADE PRESSURE PIPE FOR 10' EACH SIDE OF CROSSING AND SHALL BE PRESSURE TESTED TO 150psi TO ASSURE WATER TIGHTNESS.

3 WATERLINE OFFSET DETAIL

SCALE: NOT TO SCALE



4 HDPE SERVICE DETAIL

SCALE: NOT TO SCALE



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THE DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL, AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2021

Architect:
SARATOGA ASSOCIATES
21 CONGRESS STREET, SUITE 201
SARATOGA SPRINGS, NEW YORK 12866

LaBella
LABELLA ASSOCIATES
4 BRITISH AMERICAN BOULEVARD
LATHAM, NEW YORK 12110

222163-05

NYS OPRHP Palisades Region
Palisades Interstate Park Commission
Bear Mountain, NY 10911
(845) 786-2701
Executive Director: James Hall
Capital Facilities Mngr: Michael Tesik

Project Title:
Camp Junior - Phase 3
Campground Rehabilitation
Contract No. D005876

Project Location:
Harriman State Park
Tiorati Brook Road
Tuxedo, NY 10987

REVISIONS		
Rev No	Description	Date:
1		
2		
3		
4		
5		
6		
7		

Drawn By:
CAR


Design By:
SMF

Checked By:
REK

Approved By:
DMS

Date:
03/16/2023

Seal and Signature



EXP: 12/31/2023

Sheet Title:
WATER
DETAILS

BID DOCUMENTS SET

Project Number:
2021-059.23

Drawing Number:

C530

Sheet:
4 of



1/18/2023 3:46:00 PM NOT FOR CONSTRUCTION

DEMOLITION LEGEND	SYMBOL	DESCRIPTION
		GRUB AND REMOVE EXISTING VEGETATION
		STAGING AREA
		REMOVE TREE STUMP
		TREE PROTECTION FENCE
		TEMPORARY CONSTRUCTION FENCE
		SEDIMENT CONTROL FENCE

EROSION CONTROL NOTES:

- CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL FACILITIES THROUGHOUT THE DURATION OF THE CONTRACT.
- CONTRACTOR SHALL REMOVE ALL EROSION AND SEDIMENT CONTROL FACILITIES UPON FINAL STABILIZATION OF THE PROJECT SITE.

- DEMOLITION NOTES:
- THIS DRAWING IS BASED UPON SURVEY MAPS COMPILED BY LABELLA ASSOCIATES, 4 BRITISH AMERICAN BOULEVARD, LATHAM, NY 12110.
- PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO UTILIZE A LOCATING SERVICE TO VERIFY UNDERGROUND UTILITY LOCATIONS. CALL 1-800-962-7962 OR VISIT WWW.DIGSAFE.NY.GOV FOR MORE INFORMATION.
 - THE CONTRACTOR SHALL EXERCISE CARE DURING ALL REMOVAL OPERATIONS TO ENSURE THE PROTECTION OF EXISTING FACILITIES INCLUDING BUT NOT LIMITED TO UTILITIES, PAVEMENTS AND PLANT MATERIAL TO REMAIN. DAMAGED FACILITIES INTENDED TO REMAIN SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
 - PROTECT EXISTING TREES TO REMAIN. DO NOT DRIVE BELOW CANOPY OF EXISTING TREES OR STORE MATERIALS OR SPILL LIQUIDS OR CHEMICALS BELOW CANOPY OF EXISTING TREES TO REMAIN. PROVIDE TEMPORARY PROTECTION FENCING PER DETAILS.
 - THE CONTRACTOR SHALL VERIFY WITH THE OWNER ANY ITEMS INDICATED TO BE REMOVED THAT WILL BE SALVAGED. DELIVER SALVAGED MATERIALS TO A STORAGE AREA DESIGNATED BY THE OWNER.
 - THE CONTRACTOR SHALL STRIP, STORE AND REUSE ALL TOPSOIL FROM AREAS TO BE PAVED OR REGRADED.
 - DUST CONTROL MEASURE SHALL BE EMPLOYED THROUGHOUT THE CONSTRUCTION AND THE FREQUENCY OF APPLICATION AND/OR THE APPLICATION RATE MAY NEED TO BE INCREASED IF THE PROBLEM PERSISTS OR INTENSIFIES.
 - ALL DEMOLITION MATERIAL, TREE STUMPS, BUILDING MATERIALS TO BE DISPOSED OF BY CONTRACTOR.



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul
Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023.

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017976
Geological: 018750

LaBella
Powered by partnerships

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
APY, JMM

Design By:
APY, JMM

Checked By:
APY

Approved By:
DFM


Date:
3/16/23

Sheet Title:
DEMOLITION
PLAN

BATHHOUSE #231

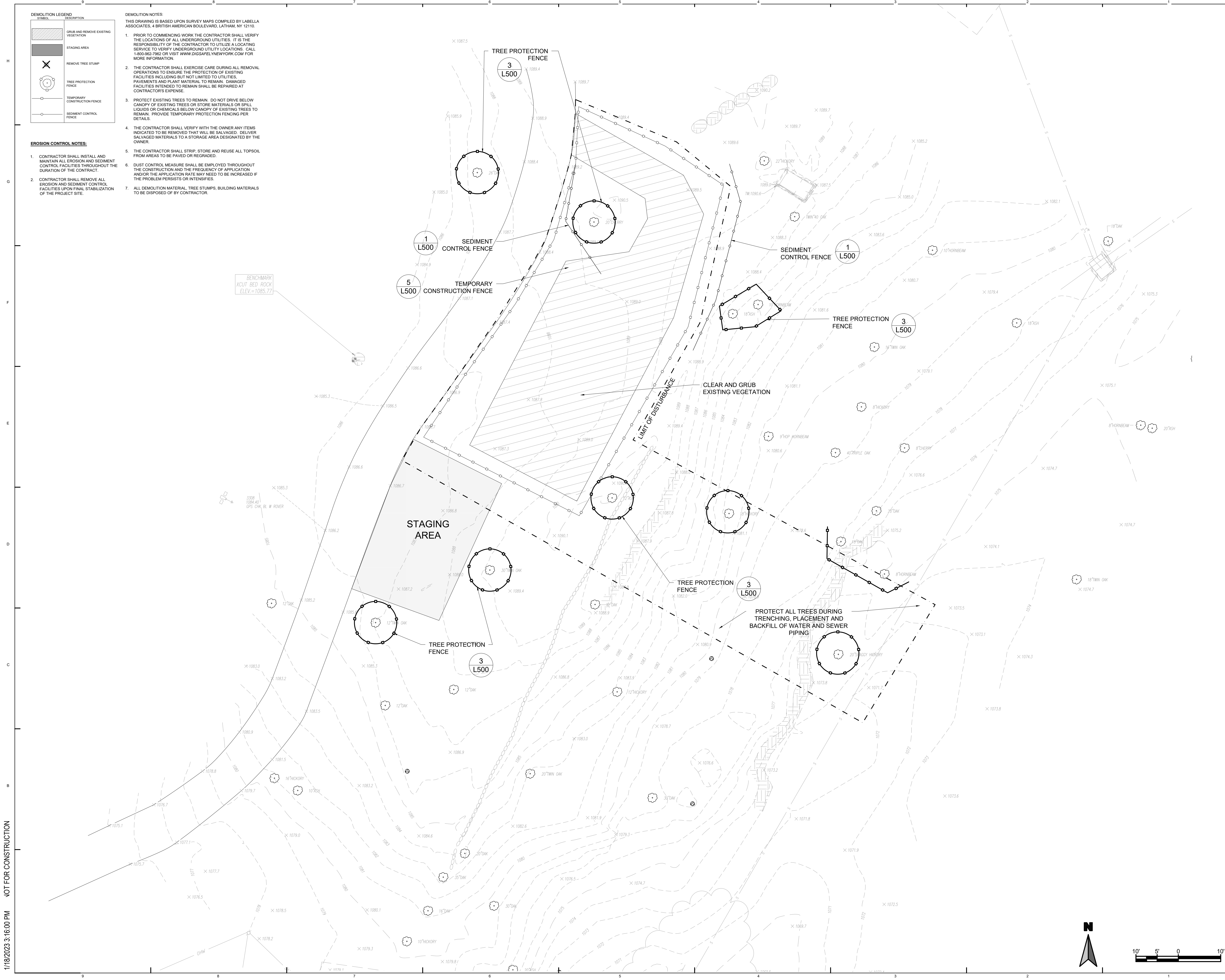
Bid Documents Set
Project Number:
21059.23

Seal and Signature



Drawing Number:
L-200

Sheet:





DEMOLITION LEGEND	DESCRIPTION
	GRUB AND REMOVE EXISTING VEGETATION
	STAGING AREA
	REMOVE TREE STUMP
	TREE PROTECTION FENCE
	TEMPORARY CONSTRUCTION FENCE
	SEDIMENT CONTROL FENCE

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL FACILITIES THROUGHOUT THE DURATION OF THE CONTRACT.
2. CONTRACTOR SHALL REMOVE ALL EROSION AND SEDIMENT CONTROL FACILITIES UPON FINAL STABILIZATION OF THE PROJECT SITE.

- DEMOLITION NOTES:
THIS DRAWING IS BASED UPON SURVEY MAPS COMPILED BY LABELLA ASSOCIATES, 4 BRITISH AMERICAN BOULEVARD, LATHAM, NY 12110.
1. PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO UTILIZE A LOCATING SERVICE TO VERIFY UNDERGROUND UTILITY LOCATIONS. CALL 1-800-962-7962 OR VISIT WWW.DIGSAFEELNEWYORK.COM FOR MORE INFORMATION.
 2. THE CONTRACTOR SHALL EXERCISE CARE DURING ALL REMOVAL OPERATIONS TO ENSURE THE PROTECTION OF EXISTING FACILITIES INCLUDING BUT NOT LIMITED TO UTILITIES, PAVEMENTS AND PLANT MATERIAL TO REMAIN. DAMAGED FACILITIES INTENDED TO REMAIN SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
 3. PROTECT EXISTING TREES TO REMAIN. DO NOT DRIVE BELOW CANOPY OF EXISTING TREES OR STORE MATERIALS OR SPILL LIQUIDS OR CHEMICALS BELOW CANOPY OF EXISTING TREES TO REMAIN. PROVIDE TEMPORARY PROTECTION FENCING PER DETAILS.
 4. THE CONTRACTOR SHALL VERIFY WITH THE OWNER ANY ITEMS INDICATED TO BE REMOVED THAT WILL BE SALVAGED. DELIVER SALVAGED MATERIALS TO A STORAGE AREA DESIGNATED BY THE OWNER.
 5. THE CONTRACTOR SHALL STRIP, STORE AND REUSE ALL TOPSOIL FROM AREAS TO BE PAVED OR REGRADED.
 6. DUST CONTROL MEASURE SHALL BE EMPLOYED THROUGHOUT THE CONSTRUCTION AND THE FREQUENCY OF APPLICATION AND/OR THE APPLICATION RATE MAY NEED TO BE INCREASED IF THE PROBLEM PERSISTS OR INTENSIFIES.
 7. ALL DEMOLITION MATERIAL, TREE STUMPS, BUILDING MATERIALS TO BE DISPOSED OF BY CONTRACTOR.



New York State
Parks, Recreation and
Historic Preservation
Governor Kathy Hochul
Commissioner Erik Kulesseid

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

**SARATOGA
ASSOCIATES**
Landscape Architects, Architects,
Engineers, and Planners, P.C.

**Surveyor/Structural/MEP
Engineer:**

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850
Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017976
Geological: 018750



Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:

CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:

HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

APY, JMM

Design By:

APY, JMM

Checked By:

APY

Approved By:

DFM

Date:

3/16/23

Sheet Title:

DEMOLITION
PLAN

LATRINE #427

Bid Documents Set

Project Number:

21059.23

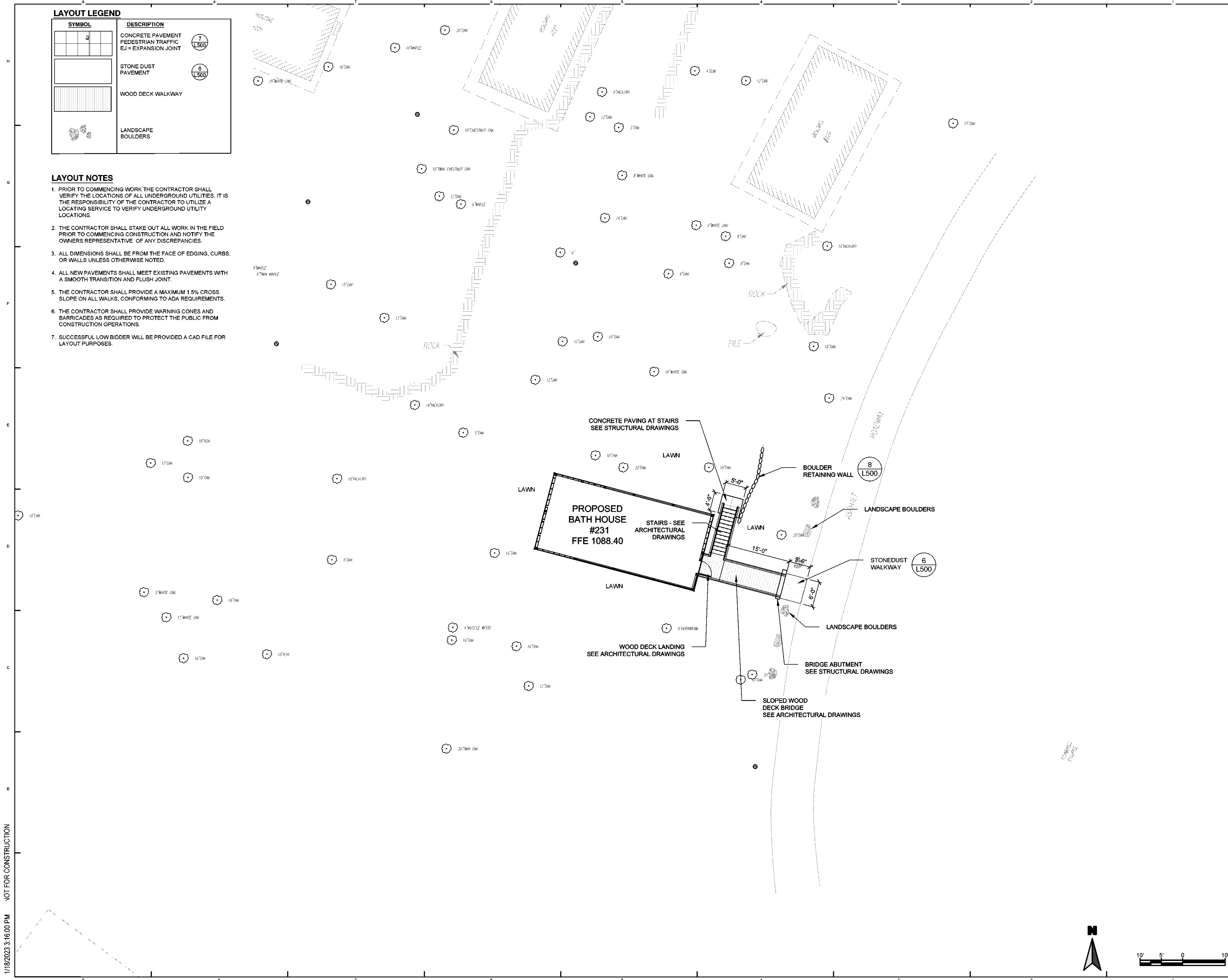
Seal and Signature



Drawing Number:

L-202

Sheet:



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

**Surveyor/Structural/MEP
Engineer:**

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Certificate of Authorization Number:
Professional Engineering: 016281
Land Surveying: 017076
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:

CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:

HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

APY, JMM

Design By:

APY, JMM

Checked By:

APY

Approved By:

DFM

Date:

3/16/23

Sheet Title:

LAYOUT PLAN
BATHHOUSE #231

Bid Documents Set

Project Number:

21059.23

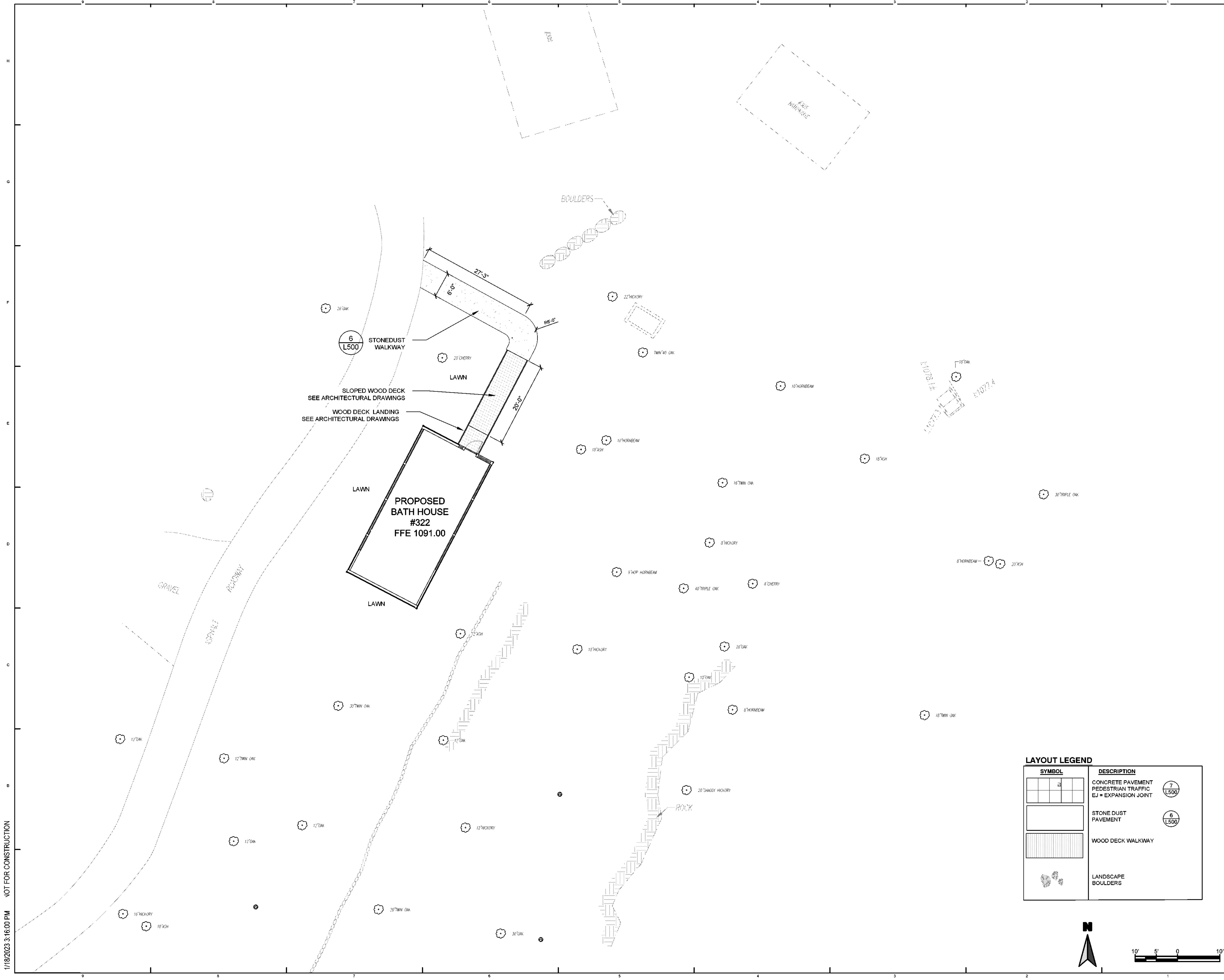
Seal and Signature




Drawing Number:

L-300

Sheet:





New York State
Parks, Recreation and
Historic Preservation


Governor Kathy HochulCommissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2022

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850


LaBella
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
APY, JMM


Design By:
APY, JMM

Checked By:
APY

Approved By:
DFM

Date:
3/16/23

Seal and Signature



Sheet Title:

LAYOUT PLAN
BATHHOUSE #322

Bid Documents Set

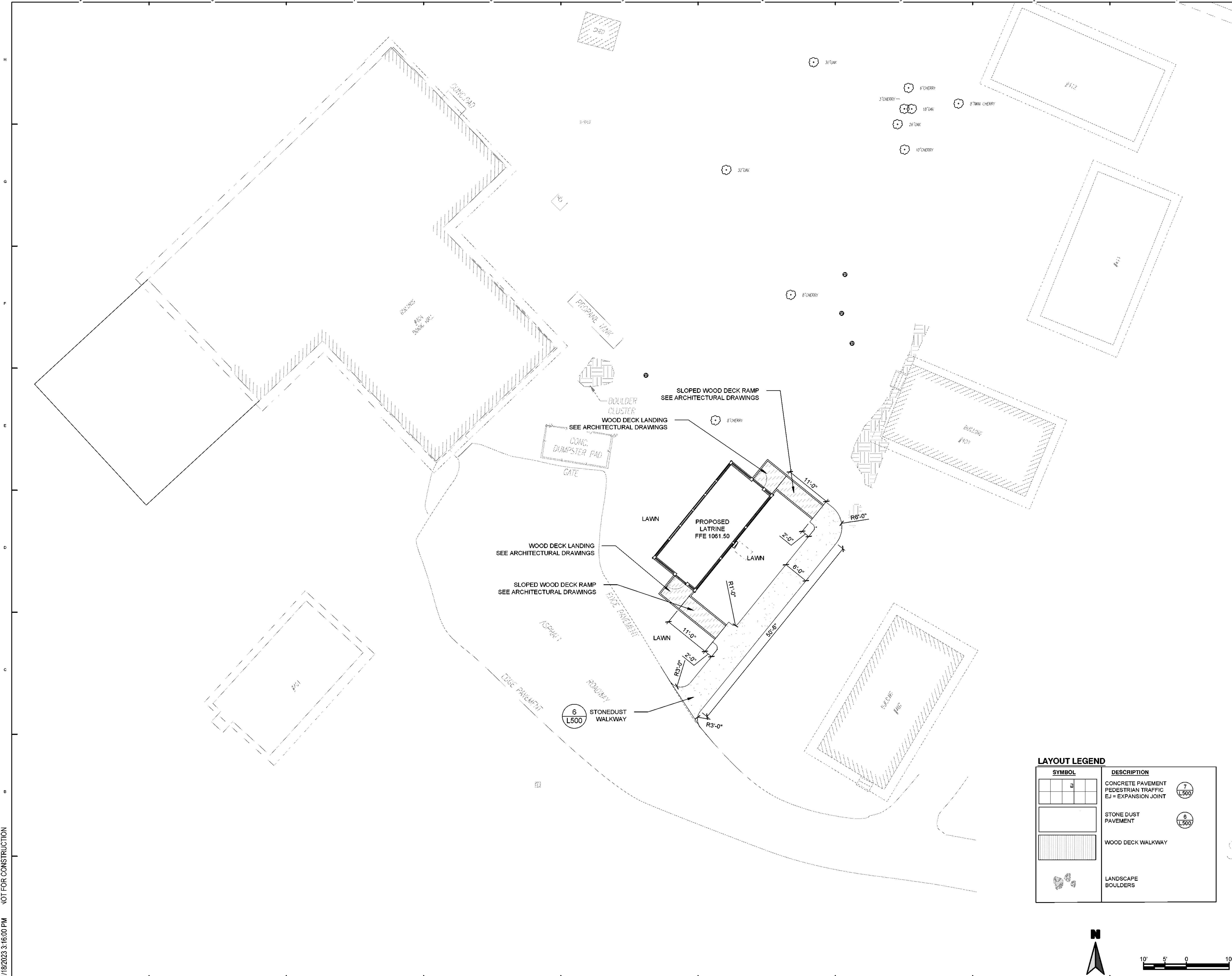
Drawing Number:

L-301

Project Number:
21059.23

Sheet:

1/18/2023 3:46:00 PM NOT FOR CONSTRUCTION



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy HochulCommissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850

LaBella
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
APY, JMM

Design By:
APY, JMM

Checked By:
APY

Approved By:
DFM

Date:
3/16/23

Seal and Signature

Sheet Title:

LAYOUT PLAN
LATRINE #427

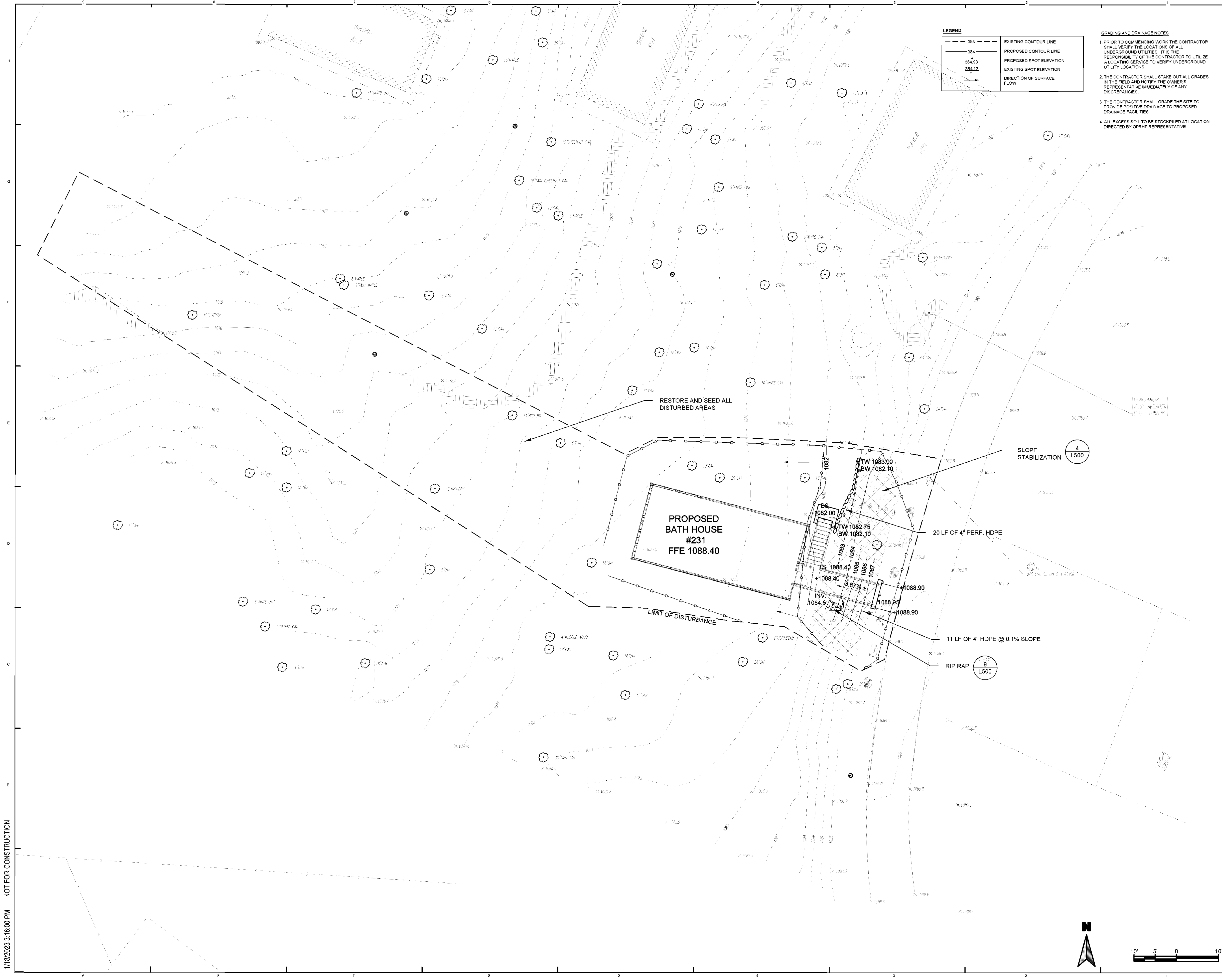
Drawing Number:

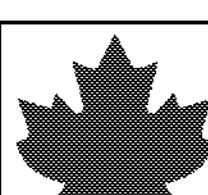
L-302

Bid Documents Set

Project Number:
21059.23

Sheet:





New York State
Parks, Recreation and
Historic Preservation


Governor Kathy HochulCommissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850

**LaBella**
Associates, Inc.

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
APY, JMM

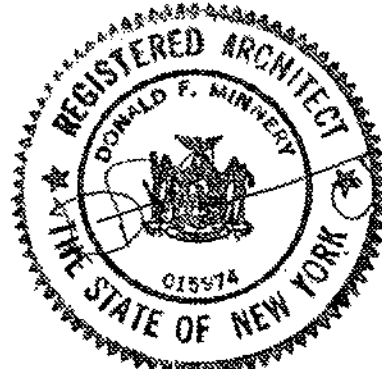
Design By:
APY, JMM

Checked By:
APY

Approved By:
DFM

Date:
3/16/23

Seal and Signature



Sheet Title:

GRADING PLAN

BATHHOUSE #231


Bid Documents Set
Project Number:
21059.23

Drawing Number:

L-400

Sheet:





New York State
Parks, Recreation and
Historic Preservation

Governor Kathy HochulCommissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2023.

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866



SARATOGA
ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP
Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850
Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017976
Geological: 018750



LaBella
Powered by partnerships

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
APY, JMM

Design By:
APY, JMM

Checked By:
APY

Approved By:
DFM

Date:
3/16/23

Seal and Signature


Drawing Number:
L-402

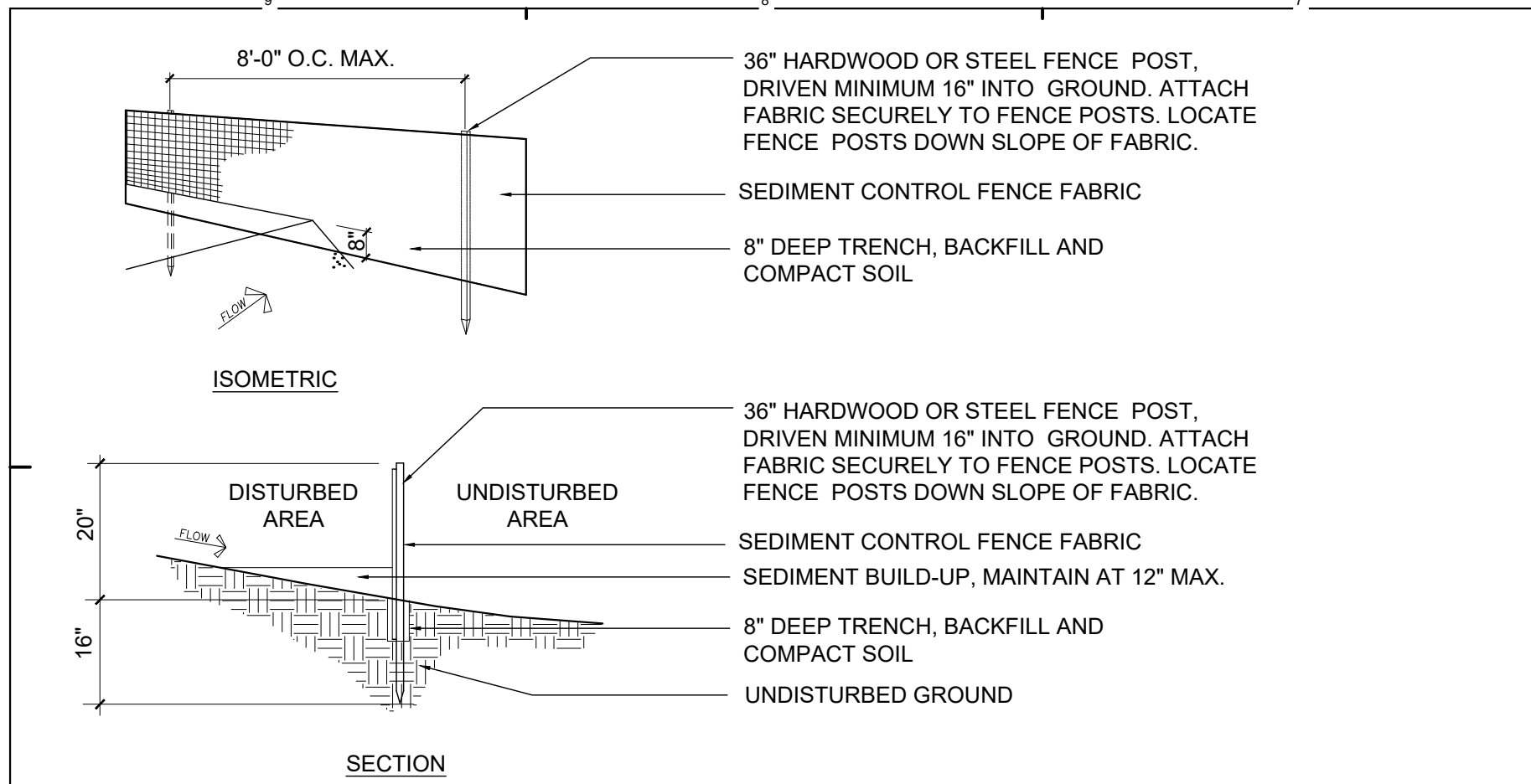
Sheet Title:
**GRADING PLAN
LATRINE #427**

Bid Documents Set
Project Number:
21059.23

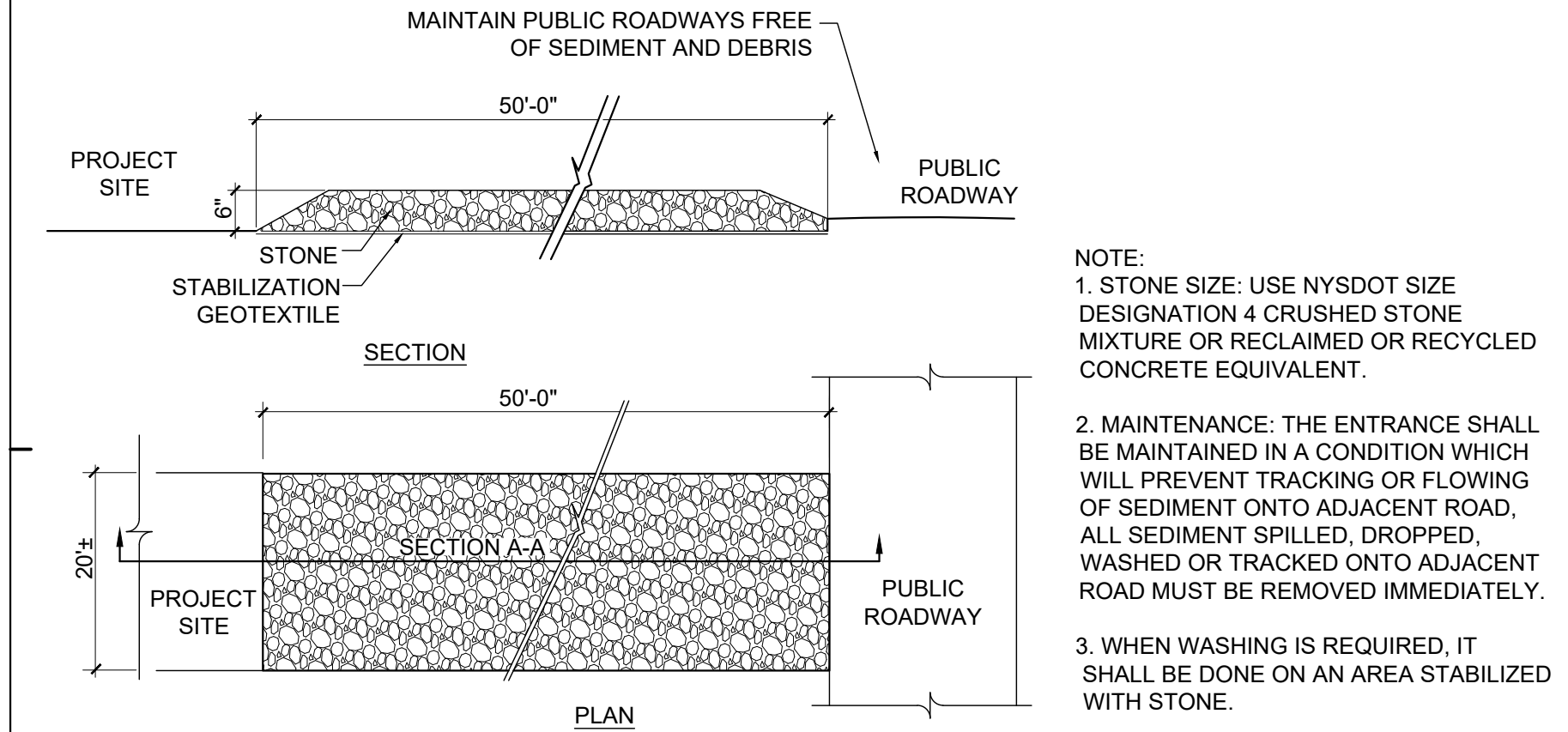
Sheet:

1/16/2023 3:46:00 PM NOT FOR CONSTRUCTION

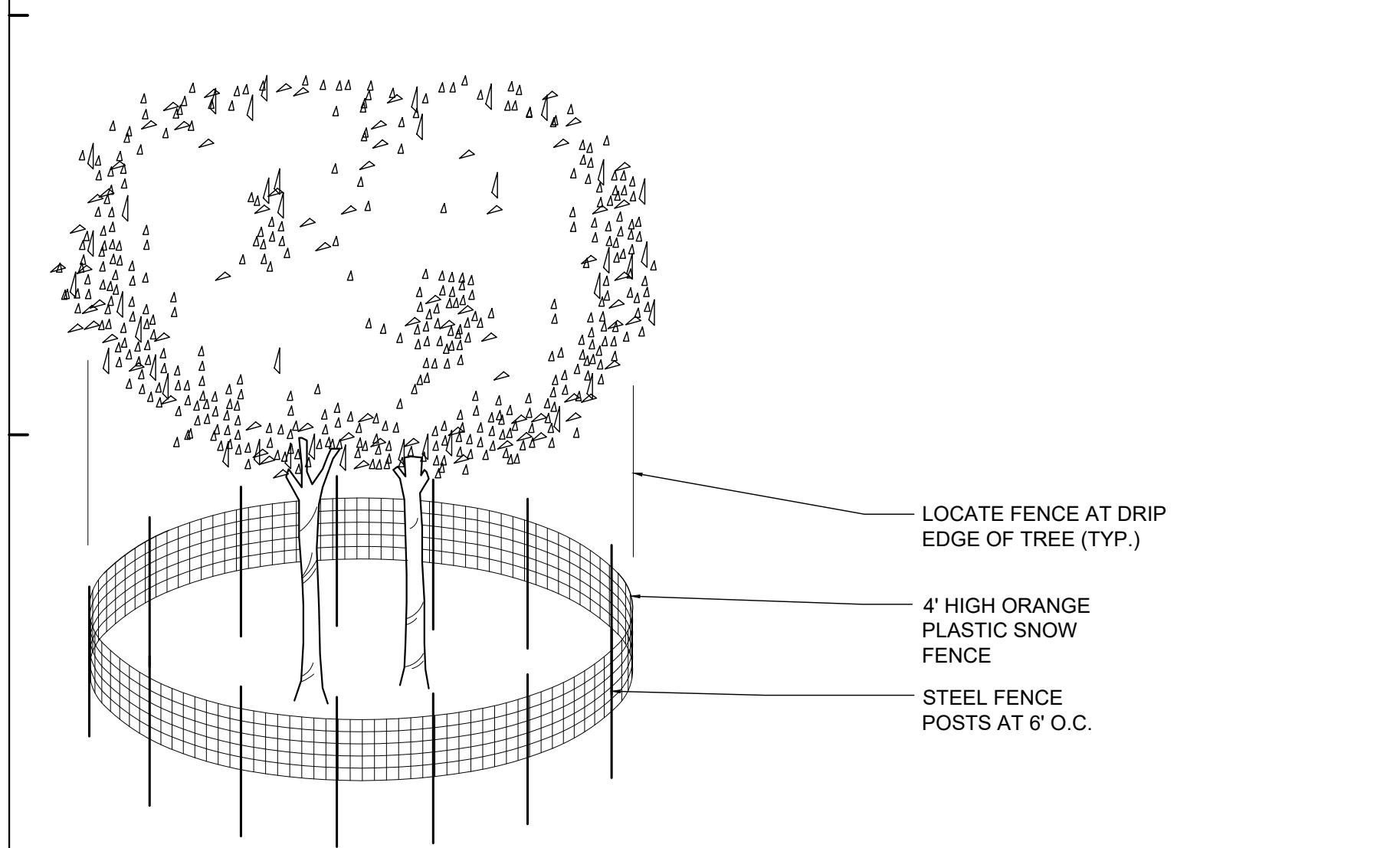
1/18/2023 3:16:00 PM NOT FOR CONSTRUCTION



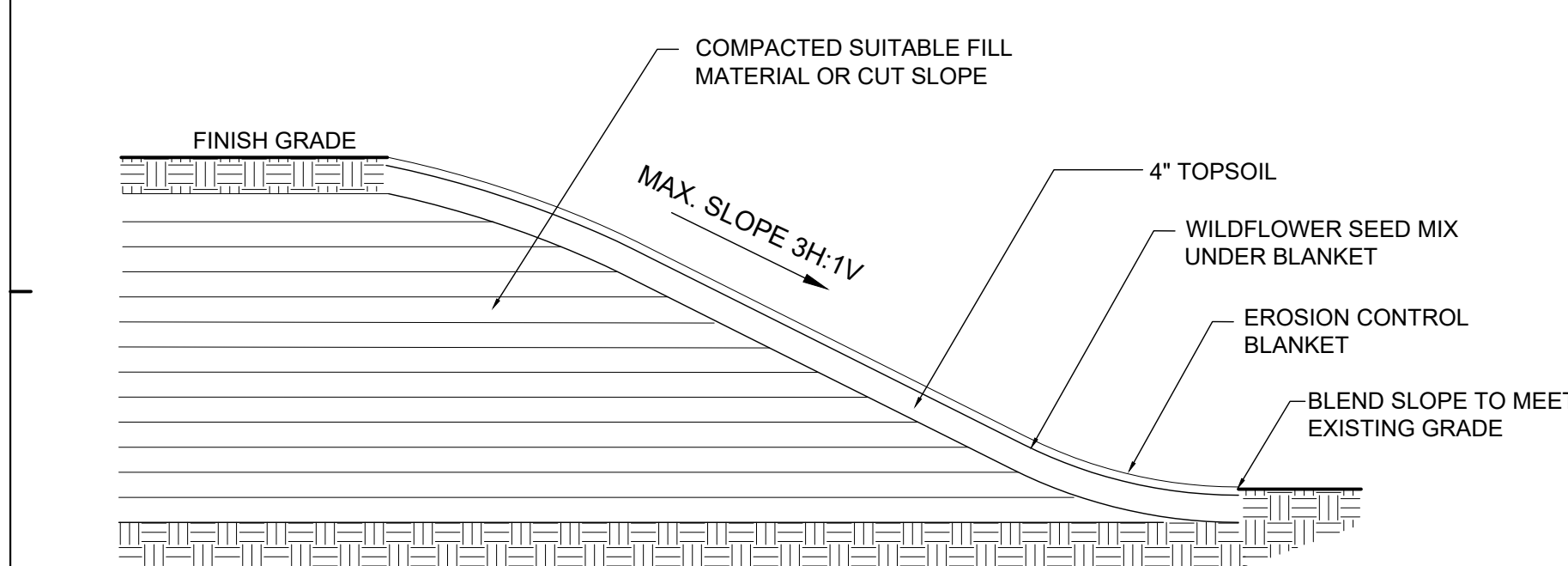
1 SEDIMENT CONTROL FENCE
SCALE 1/2" = 1'-0"



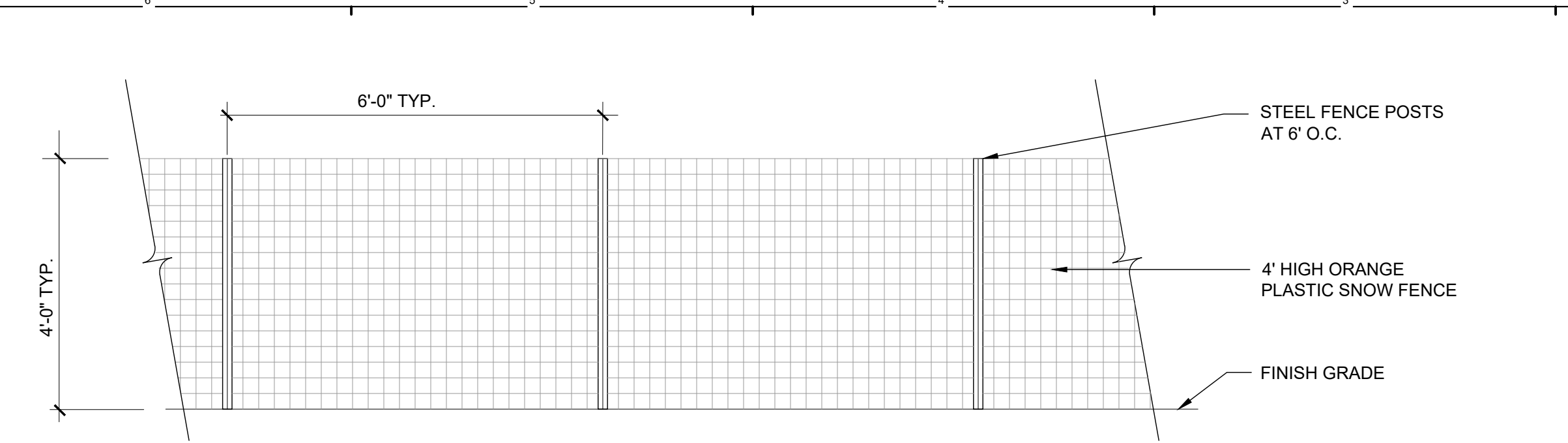
2 STABILIZED CONSTRUCTION ENTRANCE
SCALE 1/2" = 1'-0"



3 TREE PROTECTION FENCE
SCALE 1/2" = 1'-0"

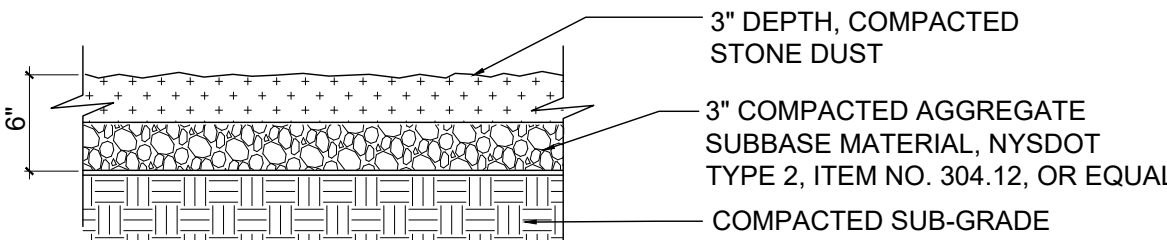


4 SLOPE STABILIZATION
SCALE 1/2" = 1'-0"

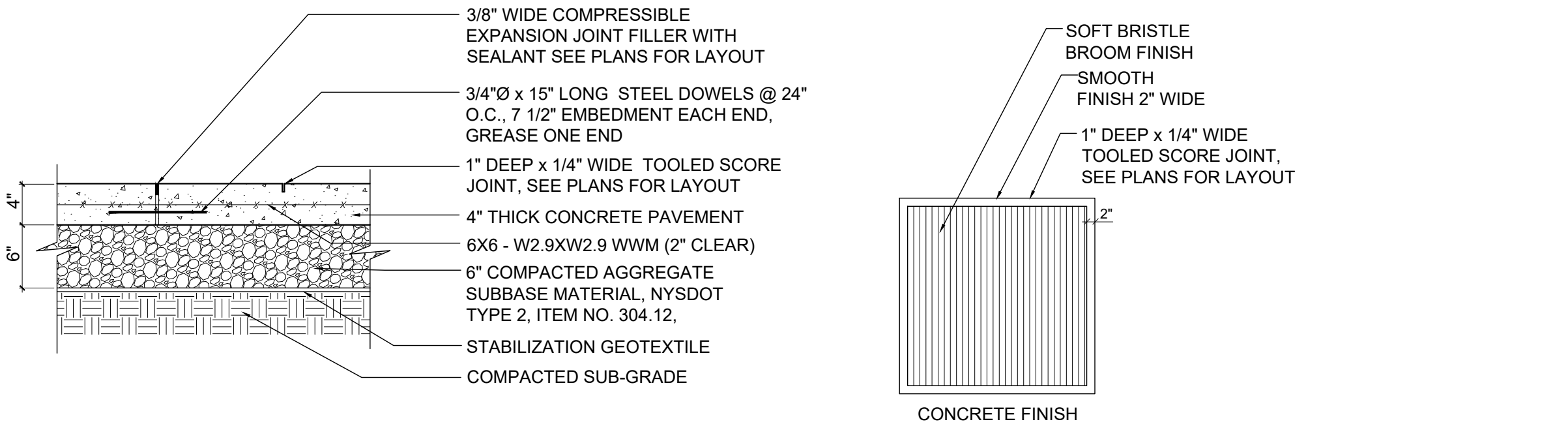


- NOTES:
- FENCING SHALL BE PROPERLY SECURED TO POSTS AND TAUT AT ALL TIMES.
 - PROVIDE ACCESS GATES AT ALL CONSTRUCTION ENTRANCE LOCATIONS SHOWN ON THE PLANS.
 - ALL TEMPORARY CONSTRUCTION FENCE SHALL BE REMOVED UPON SUBSTANTIAL COMPLETION OF WORK.

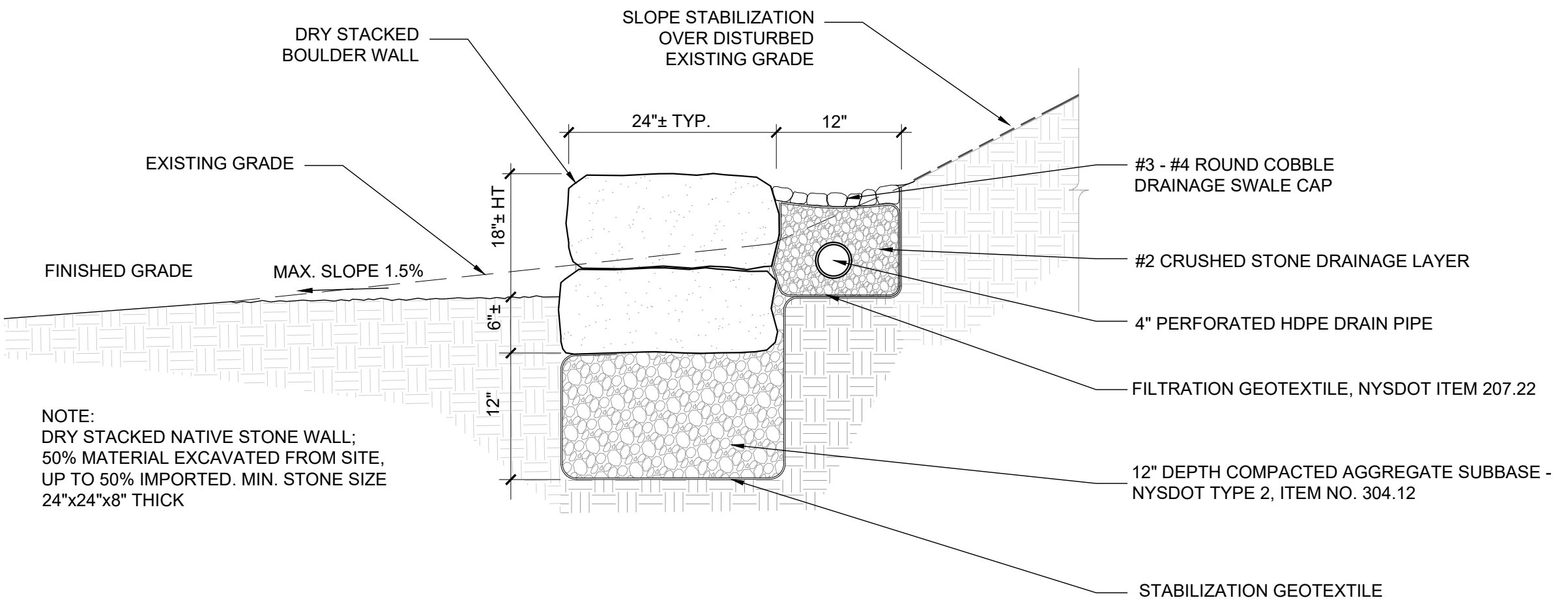
5 4' TEMPORARY CONSTRUCTION FENCE (TYP.)
SCALE 1/2" = 1'-0"



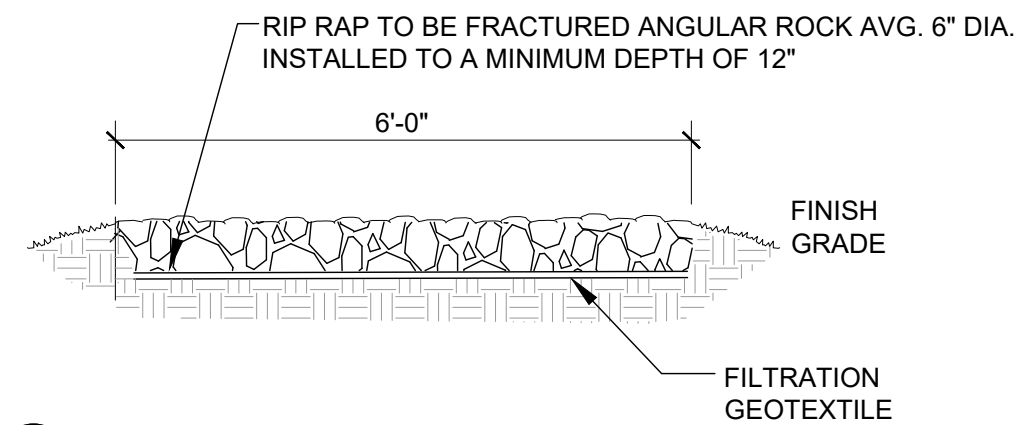
6 STONE DUST PATH
SCALE 1" = 1'-0"



7 CONCRETE PAVEMENT - PEDESTRIAN TRAFFIC
SCALE 1" = 1'-0"



8 BOULDER RETAINING WALL
NOT TO SCALE



9 RIP RAP
NOT TO SCALE



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul
Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850

LaBella
powered by earthworks

Certificate of Authorization Number:
Professional Engineering: 016281
Land Surveying: 017976
Geological: 018150

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
APY, JMM


Design By:
APY, JMM

Checked By:
APY

Approved By:
DFM

Date:
3/16/23

Seal and Signature



Sheet Title:
SITE DETAILS

Bid Documents Set

Project Number:
21059.23

Drawing Number:
L-500

Sheet:

5/4/2023 4:37:43 PM

DRAWING LEGEND

- INDICATES EGRESS PATH AND DISTANCE TO EXITS
- EXIT
98
20
36
- EXIT / DOOR WIDTH
OCCUPANCY COUNT
REQUIRED WIDTH (INCHES)
ACTUAL EXIT WIDTH
- A-3
64
- USE GROUP IN SPACE
MAX OCCUPANCY
- ST-EX
- SIGN LOCATION PER OWNER

GENERAL NOTES:

1. PROJECT WILL BE EQUIPPED WITH EMERGENCY LIGHTING. REF. ELECT. DWGS. FOR LOCATIONS.

GENERAL CONSTRUCTION CODE DATA

ALL WORK SHALL COMPLY WITH THE RELATED PROVISIONS OF THE 2020 UNIFORM CODE OF NEW YORK STATE WHICH ADOPTS THE 2018 IBC, ITS REFERENCE STANDARDS, AND ALL LOCAL LAW REGULATIONS.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE EXEMPT FROM THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE DUE TO THE SECTION LISTED BELOW:

BUILDING CODE: 2020 INTERNATIONAL ENERGY CONSERVATION CODE (2020 IECC) WITH 2018 NYS SUPPLEMENT

BUILDING CODE SECTION

SECTION C402.1.1 LOW-ENERGY BUILDINGS

THE FOLLOWING LOW-ENERGY BUILDINGS, OR PORTIONS THEREOF SEPARATED FROM THE REMAINDER OF THE BUILDING BY BUILDING THERMAL ENVELOPE ASSEMBLIES COMPLYING WITH THIS SECTION, SHALL BE EXEMPT FROM THE BUILDING THERMAL ENVELOPE PROVISIONS OF SECTION C402.

2. THOSE THAT DO NOT CONTAIN CONDITIONED SPACE.

BUILDING CODE: 2020 NYS BUILDING CODE (2018 IBC)

BATHHOUSE #231 & #322

BUILDING CODE SECTION

SECTION 302.1	USE GROUP	REQUIRED	PROVIDED
SECTION 503.1	AREA - VB CONSTRUCTION	5,500 SF PER STORY	658 SF
TABLE 601	CONSTRUCTION CLASSIFICATION	VB	VB
	STRUCTURAL FRAME	0 HR.	0 HR.
	BEARING WALLS - EXTERIOR	0 HR.	0 HR.
	BEARING WALLS - INTERIOR	0 HR.	0 HR.
	NON-BEARING WALLS - EXTERIOR	0 HR.	0 HR.
	NON-BEARING WALLS - INTERIOR	0 HR.	0 HR.
	FLOORS	0 HR.	0 HR.
	ROOF	0 HR.	0 HR.
SECTION 707.04	SHAFT ENCLOSURE	1 HR.	NA
SECTION 903.2.7	SPRINKLERS	NOT REQUIRED	-
SECTION 906	PORTABLE FIRE EXTINGUISHERS	NOT REQUIRED	-
SECTION 1004.1.2	OCCUPANT LOAD	50 GROSS (LOCKER ROOMS) 300 GROSS (MECH. ROOM) TOTAL	12 1 13
SECTION 1005.1	EGRESS WIDTH STAIRS OTHER COMPONENTS	NA 0.2" / OCC. MIN	NA 2.77" / OCC. MIN.
SECTION 1006.3.2	NUMBER OF EXITS	1 (LESS THAN 50 OCCUPANTS)	1
SECTION 1007.1.1	ARRANGEMENT	1/2 MAX. DIAGONAL	1/2 MAX. DIAGONAL
SECTION 1017.2	TRAVEL DISTANCE	300 FT MAX	70 FT MAX

LATRINE #427

BUILDING CODE SECTION

SECTION 302.1	USE GROUP	REQUIRED	PROVIDED
SECTION 503.1	AREA - VB CONSTRUCTION	5,500 SF PER STORY	324 SF
TABLE 601	CONSTRUCTION CLASSIFICATION	VB	VB
	STRUCTURAL FRAME	0 HR.	0 HR.
	BEARING WALLS - EXTERIOR	0 HR.	0 HR.
	BEARING WALLS - INTERIOR	0 HR.	0 HR.
	NON-BEARING WALLS - EXTERIOR	0 HR.	0 HR.
	NON-BEARING WALLS - INTERIOR	0 HR.	0 HR.
	FLOORS	0 HR.	0 HR.
	ROOF	0 HR.	0 HR.
SECTION 707.04	SHAFT ENCLOSURE	1 HR.	NA
SECTION 903.2.7	SPRINKLERS	NOT REQUIRED	-
SECTION 906	PORTABLE FIRE EXTINGUISHERS	NOT REQUIRED	-
SECTION 1004.1.2	OCCUPANT LOAD	50 GROSS (LOCKER ROOM)	6
SECTION 1005.1	EGRESS WIDTH STAIRS OTHER COMPONENTS	NA 0.2" / OCC. MIN	NA 12" / OCC. MIN.
SECTION 1006.3.2	NUMBER OF EXITS	1 (LESS THAN 50 OCCUPANTS)	1
SECTION 1007.1.1	ARRANGEMENT	1/2 MAX. DIAGONAL	1/2 MAX. DIAGONAL
SECTION 1017.2	TRAVEL DISTANCE	300 FT MAX	38 FT MAX



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP
Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701

Executive Director: Joshua Laird

Project Title:

CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:

HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

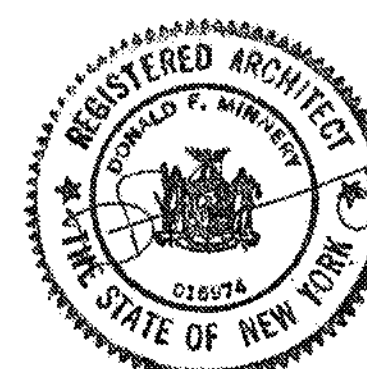
LIFE SAFETY
PLAN

Bid Documents

Project Number:

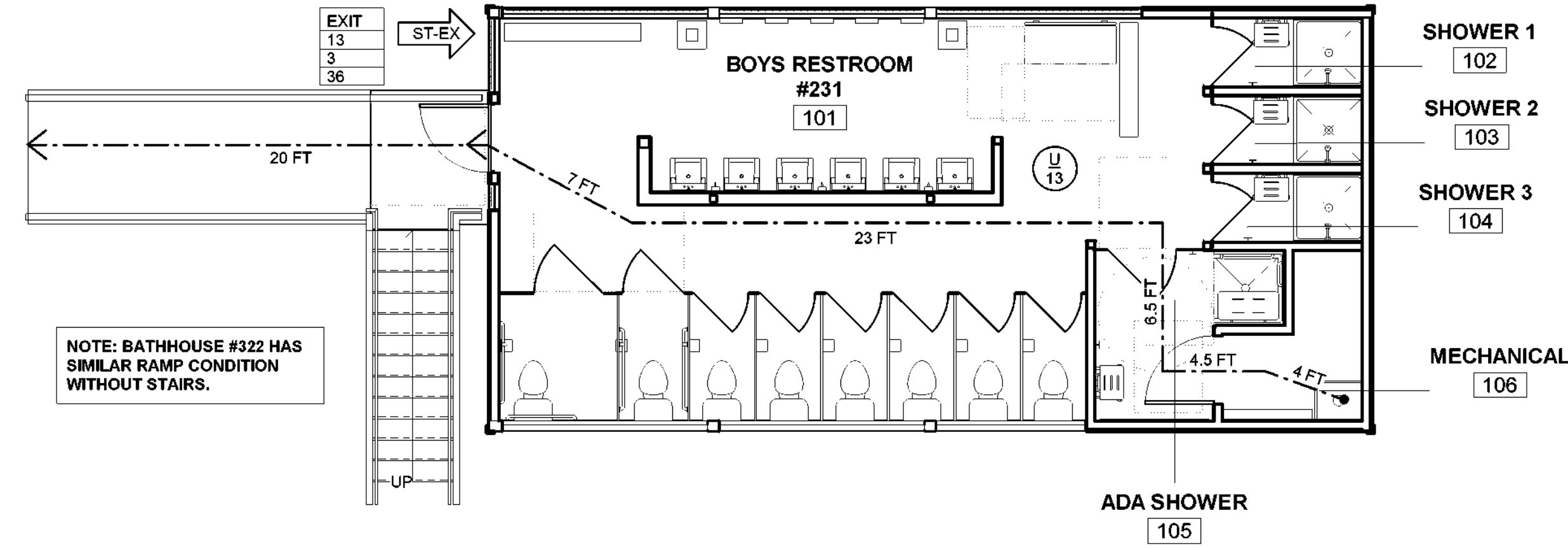
21059.23

Seal and Signature

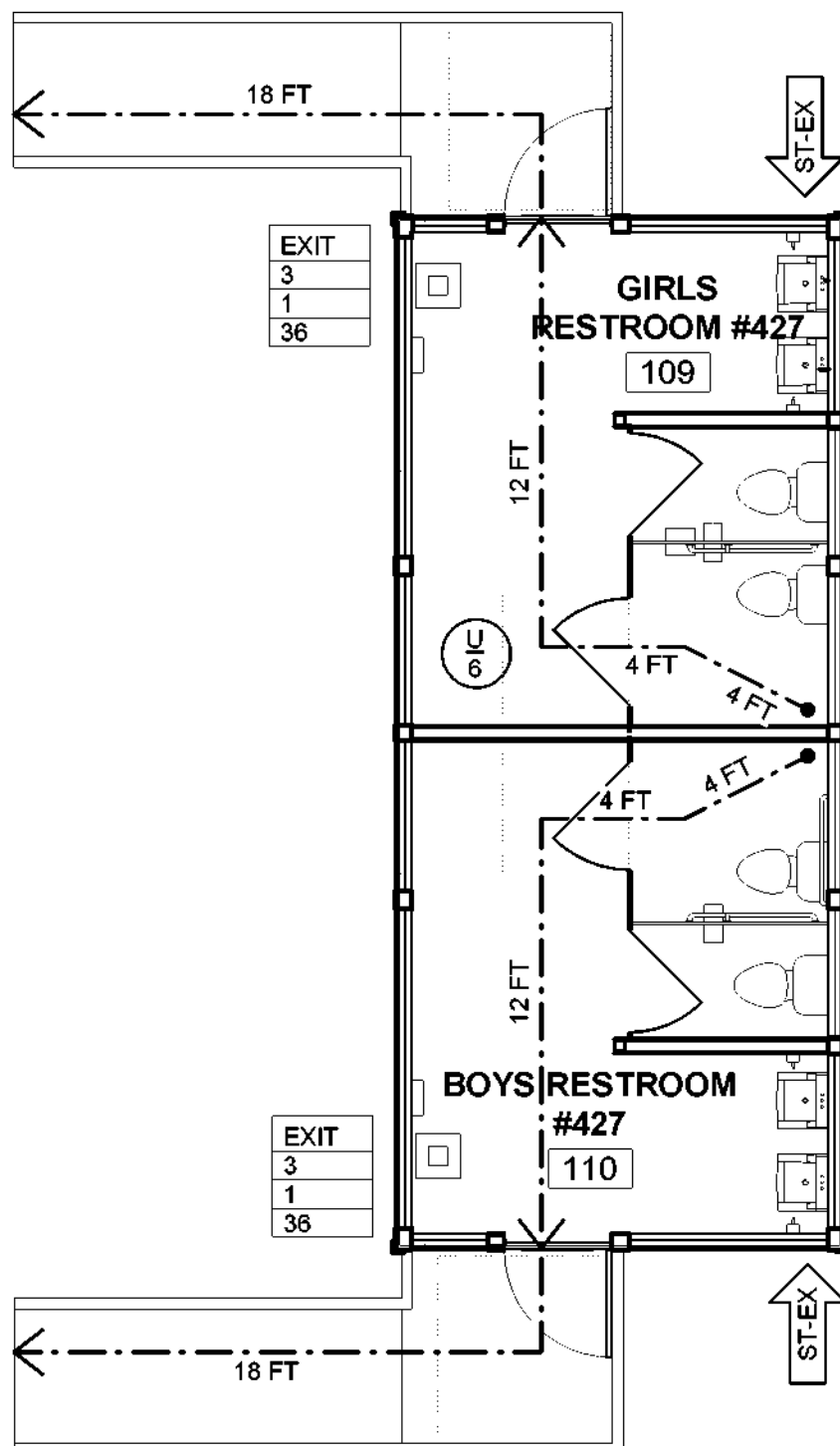


Drawing Number:

A001



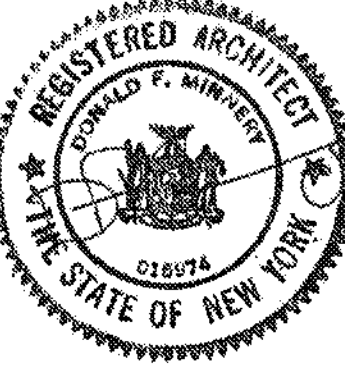
1 BATHHOUSE #231 & #322 CODE PLAN
3/16" = 1'-0"



2 LATRINE #427 CODE PLAN
3/16" = 1'-0"

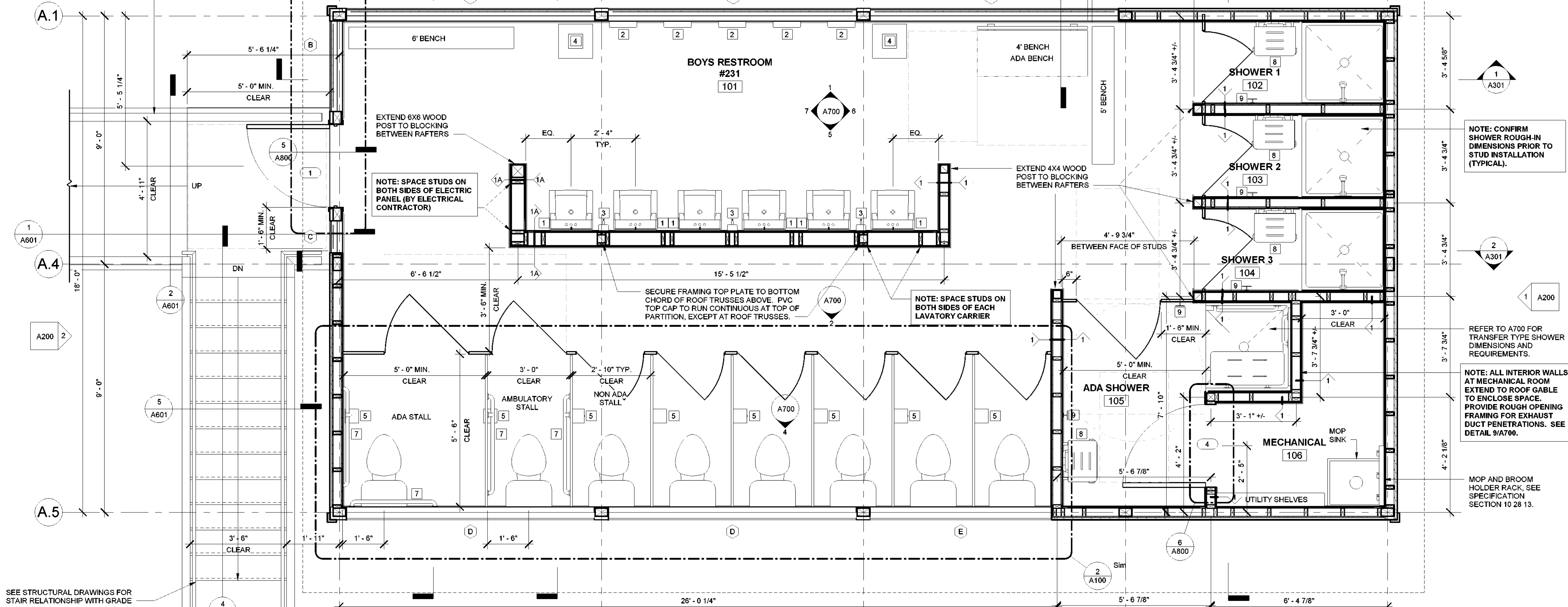
REVISIONS

Rev No.	Description	Date

Drawn By: KET, LLH	Seal and Signature 
Design By: LLH	
Checked By: CTS	
Approved By: CTS	
Date: 3/16/23	

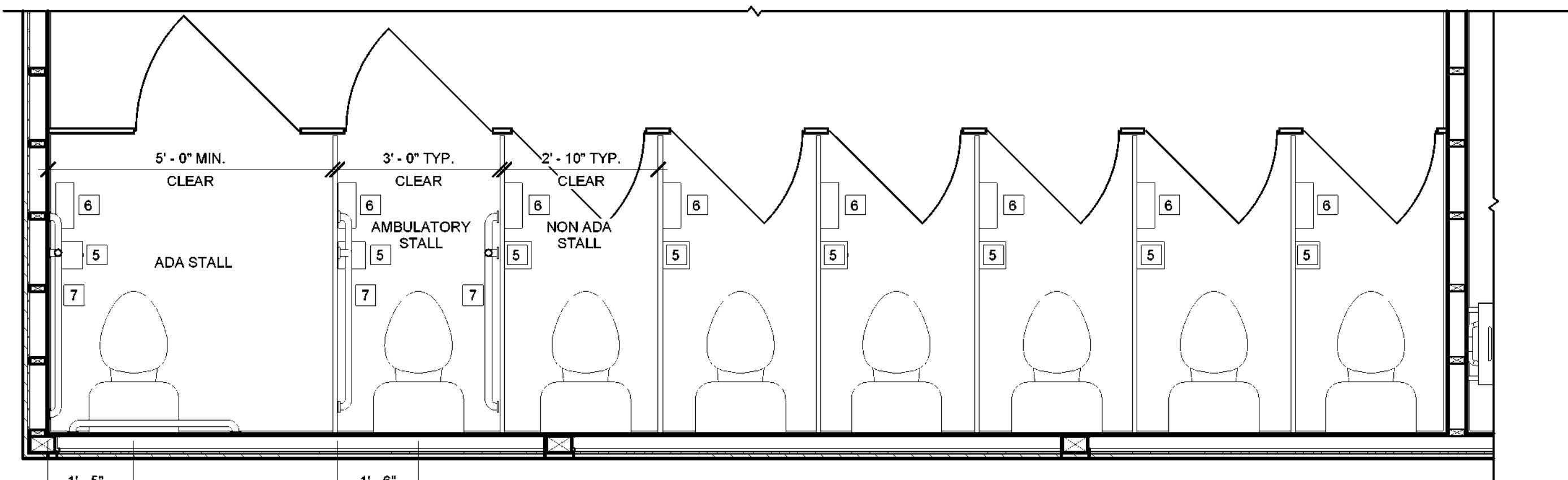
Sheet Title: FLOOR PLANS - BATHHOUSE #231 & #322	Drawing Number: A100
Bid Documents Project Number: 21059.23	

SEE LANDSCAPE DRAWINGS FOR
SLOPED WALKWAY DIMENSIONS AND
RELATIONSHIP WITH GRADE

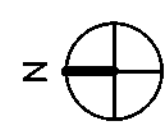


SEE STRUCTURAL DRAWINGS FOR
STAIR RELATIONSHIP WITH GRADE

1 BATHHOUSE #231
1/2" = 1'-0"

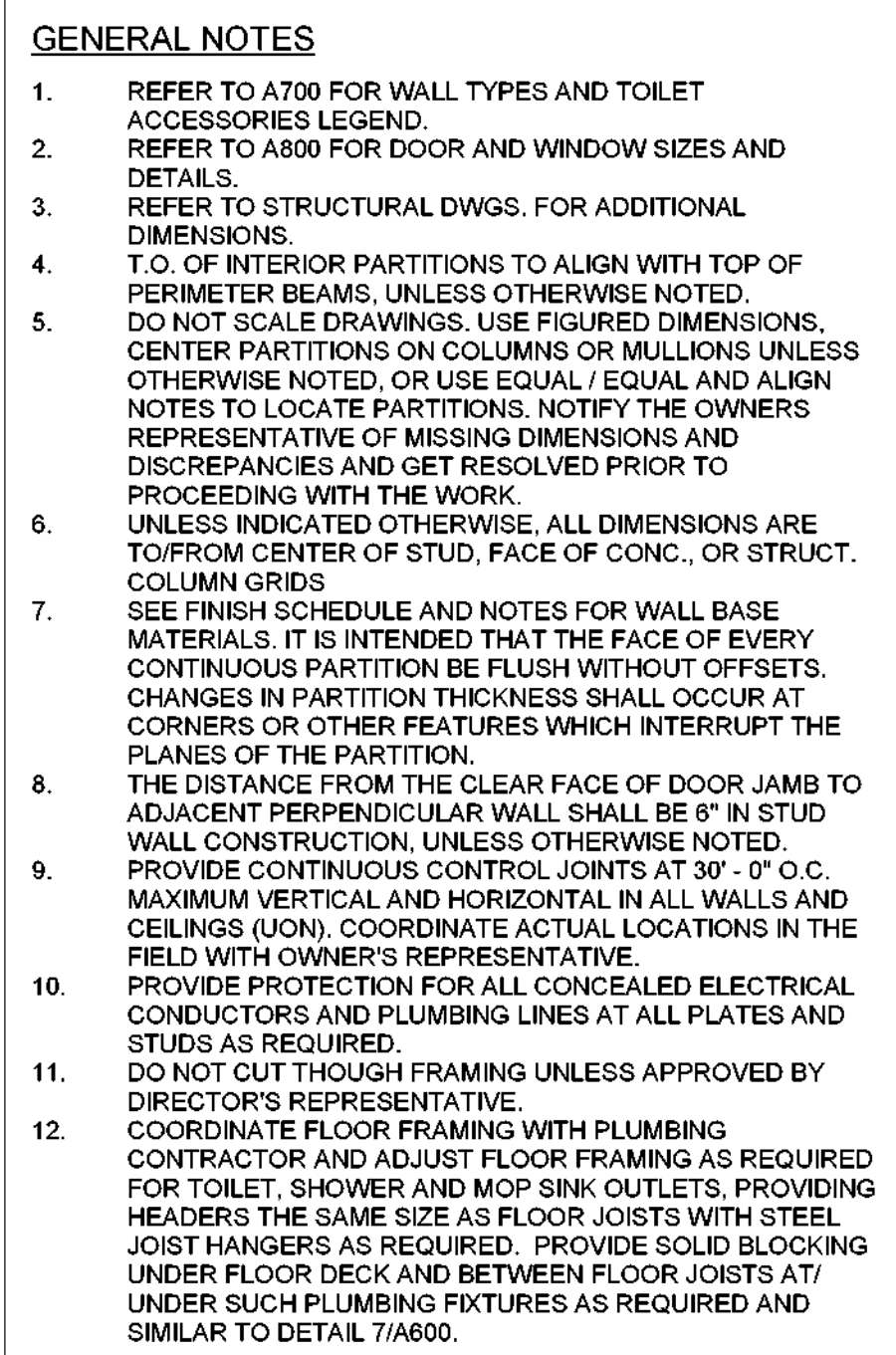


2 BATHHOUSE #322
1/2" = 1'-0"



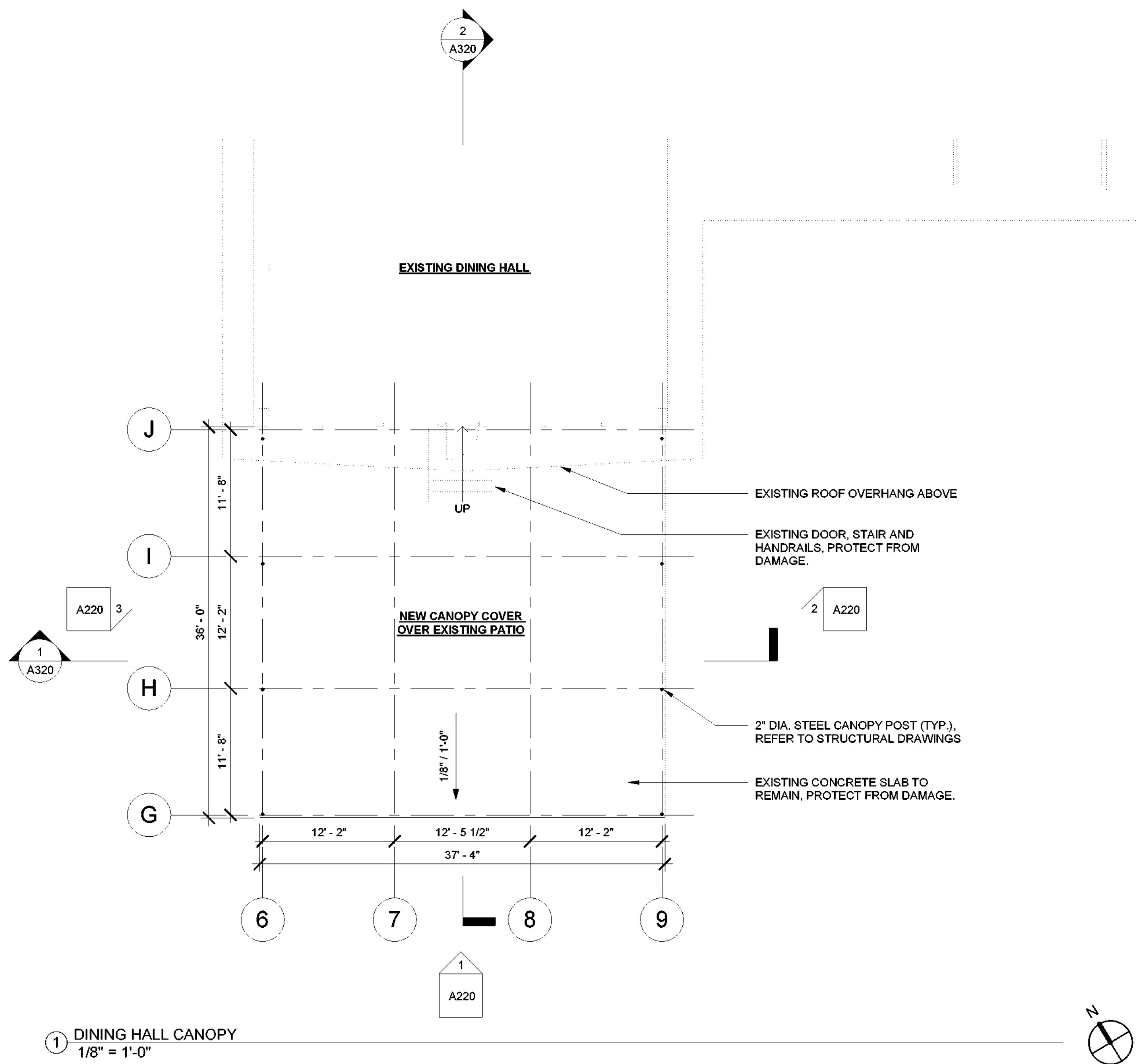
GENERAL NOTES


- REFER TO A700 FOR WALL TYPES AND TOILET ACCESSORIES LEGEND.
- REFER TO A800 FOR DOOR AND WINDOW SIZES AND DETAILS.
- REFER TO STRUCTURAL DWGS. FOR ADDITIONAL DIMENSIONS.
- T.O. OF INTERIOR PARTITIONS TO ALIGN WITH TOP OF PERIMETER BEAMS, UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS. CENTER PARTITIONS ON COLUMNS OR MULLIONS UNLESS OTHERWISE NOTED, OR USE EQUAL / EQUAL AND ALIGN NOTES TO LOCATE PARTITIONS. NOTIFY THE OWNERS REPRESENTATIVE OF MISSING DIMENSIONS AND DISCREPANCIES AND GET RESOLVED PRIOR TO PROCEEDING WITH THE WORK.
- UNLESS INDICATED OTHERWISE, ALL DIMENSIONS ARE TO/FROM CENTER OF STUD, FACE OF CONC., OR STRUCT. COLUMN GRIDS.
- SEE FINISH SCHEDULE AND NOTES FOR WALL BASE MATERIALS. IT IS INTENDED THAT THE FACE OF EVERY CONTINUOUS PARTITION BE FLUSH WITHOUT OFFSETS. CHANGES IN PARTITION THICKNESS SHALL OCCUR AT CORNERS OR OTHER FEATURES WHICH INTERRUPT THE PLANES OF THE PARTITION.
- THE DISTANCE FROM THE CLEAR FACE OF DOOR JAMB TO ADJACENT PERPENDICULAR WALL SHALL BE 6" IN STUD WALL CONSTRUCTION, UNLESS OTHERWISE NOTED.
- PROVIDE CONTINUOUS CONTROL JOINTS AT 30' - 0" O.C. MAXIMUM VERTICAL AND HORIZONTAL IN ALL WALLS AND CEILINGS (UOI). COORDINATE ACTUAL LOCATIONS IN THE FIELD WITH OWNER'S REPRESENTATIVE.
- PROVIDE PROTECTION FOR ALL CONCEALED ELECTRICAL CONDUCTORS AND PLUMBING LINES AT ALL PLATES AND STUDS AS REQUIRED.
- DO NOT CUT THROUGH FRAMING UNLESS APPROVED BY DIRECTOR'S REPRESENTATIVE.
- COORDINATE FLOOR FRAMING WITH PLUMBING CONTRACTOR AND ADJUST FLOOR FRAMING AS REQUIRED FOR TOILET, SHOWER AND MOP SINK OUTLETS. PROVIDING HEADERS THE SAME SIZE AS FLOOR JOISTS WITH STEEL JOIST HANGERS AS REQUIRED. PROVIDE SOLID BLOCKING UNDER FLOOR DECK AND BETWEEN FLOOR JOISTS AT/ UNDER SUCH PLUMBING FIXTURES AS REQUIRED AND SIMILAR TO DETAIL 7/A600.



5/4/2023 4:37:45 PM

- CANOPY GENERAL NOTES:**
1. PROTECT ALL EXISTING CONSTRUCTION FROM DAMAGE DURING CANOPY INSTALLATION.
 2. VERIFY ALL EXISTING DIMENSIONS IN FIELD PRIOR TO INSTALLATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 3. SEE STRUCTURAL DRAWINGS FOR ROOF FRAMING PLAN AND FRAMING CONNECTION DETAILS.



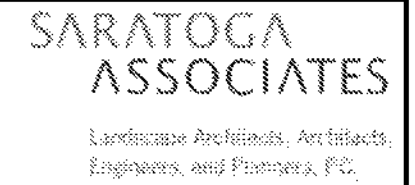


New York State
Parks, Recreation and
Historic Preservation

Governor Kathy HochulCommissioner Erik Kulesseid


IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866



SARATOGA
ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
KET, LLH

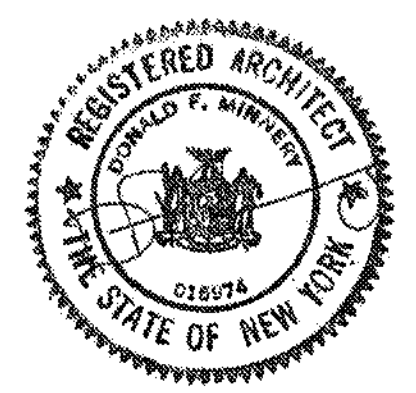
Design By:
LLH

Checked By:
CTS

Approved By:
CTS

Date:
3/16/23

Seal and Signature



Sheet Title:

FLOOR PLANS -
DINING HALL
#404 CANOPY

Bid Documents

Project Number:
21059.23

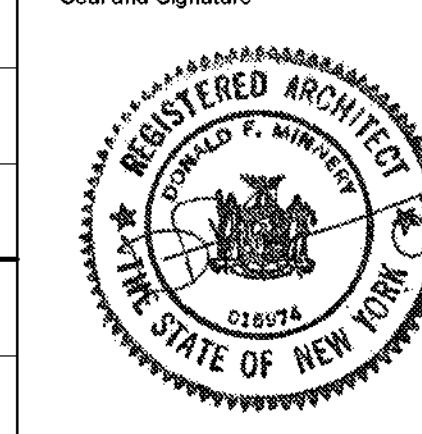
Drawing Number:

A102

Key Plan

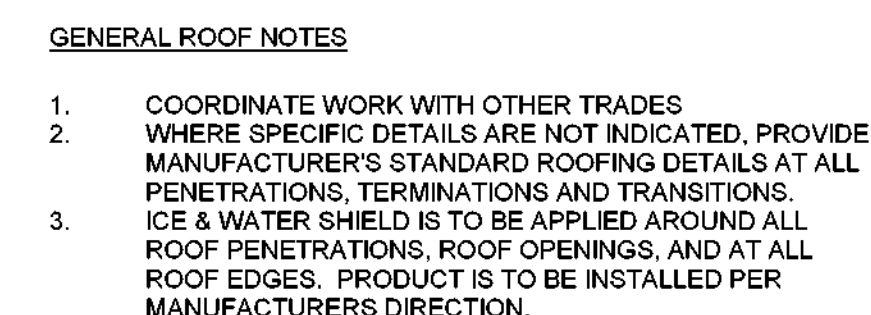
[illegible]

Seal and Signature








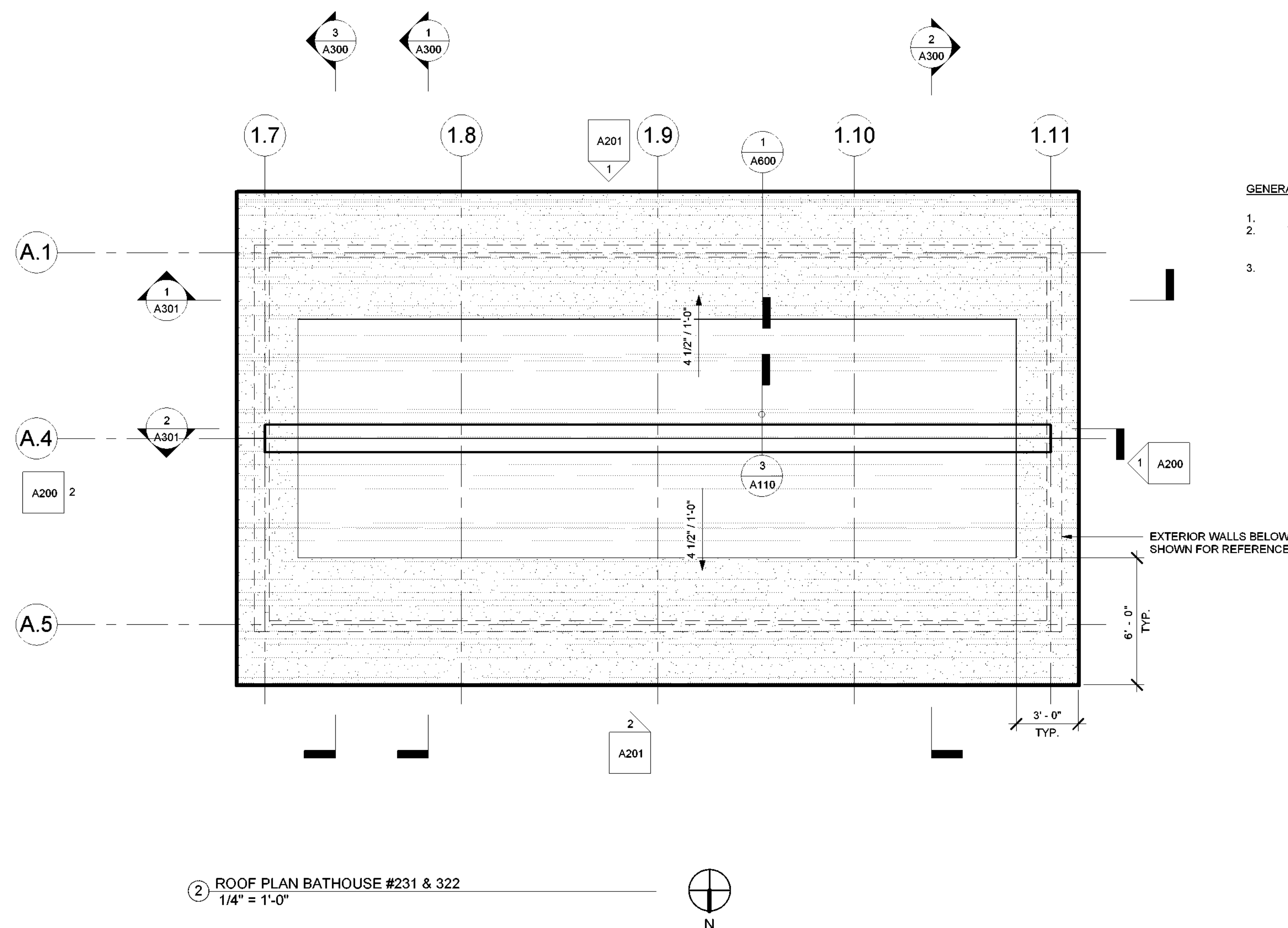
Project Number:
21059.23

A110



ROOF PLAN SYMBOL LEGEND

	ASPHALT SHINGLE ROOF
	ICE & WATER SHIELD
	WALL BELOW
	ROOF SLOPE
	EXHAUST VENT. SEE MECHANICAL DRAWINGS



5/4/2023 4:37:45 PM

GENERAL NOTES

1. ALL DIMENSIONS INDICATE CENTER LINE OF FIXTURE OR FACE OF WALL FINISH, UNLESS OTHERWISE NOTED.
2. CENTER CEILING MOUNTED LIGHT FIXTURES BETWEEN RAFTERS (TYPICAL).
3. SEE ELECT. DWGS FOR LIGHTING FIXTURE TYPES.
4. SEE STRUCTURAL DRAWINGS FOR FRAMING PLAN.

RCP SYMBOL LEGEND

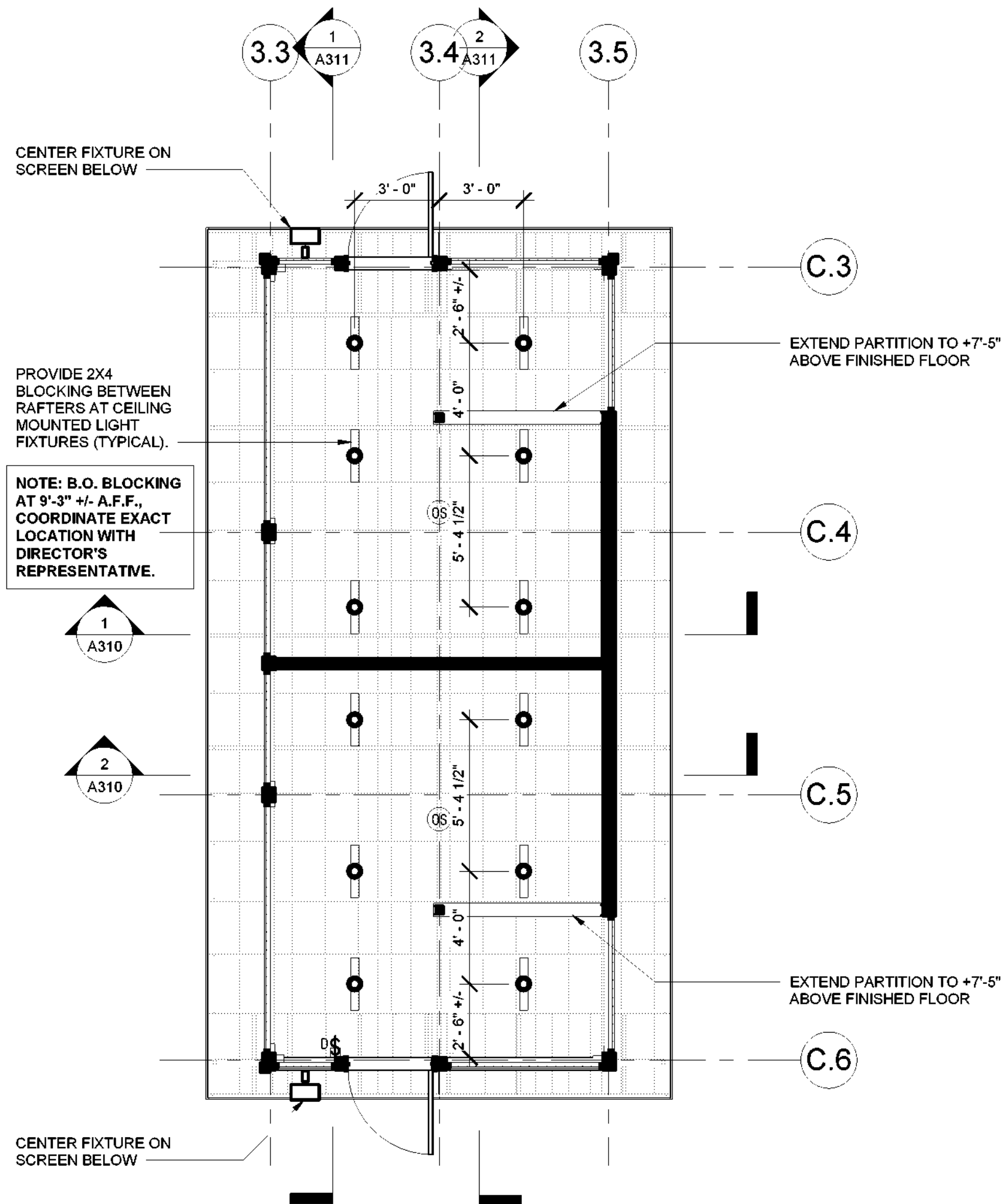
- CEILING MOUNTED LIGHT FIXTURE (SURFACE MOUNTED)
- WALL MOUNTED LIGHT FIXTURE
- OS OCCUPANCY SENSOR
- ⚡ EMERGENCY LIGHT FIXTURE

GENERAL ROOF NOTES

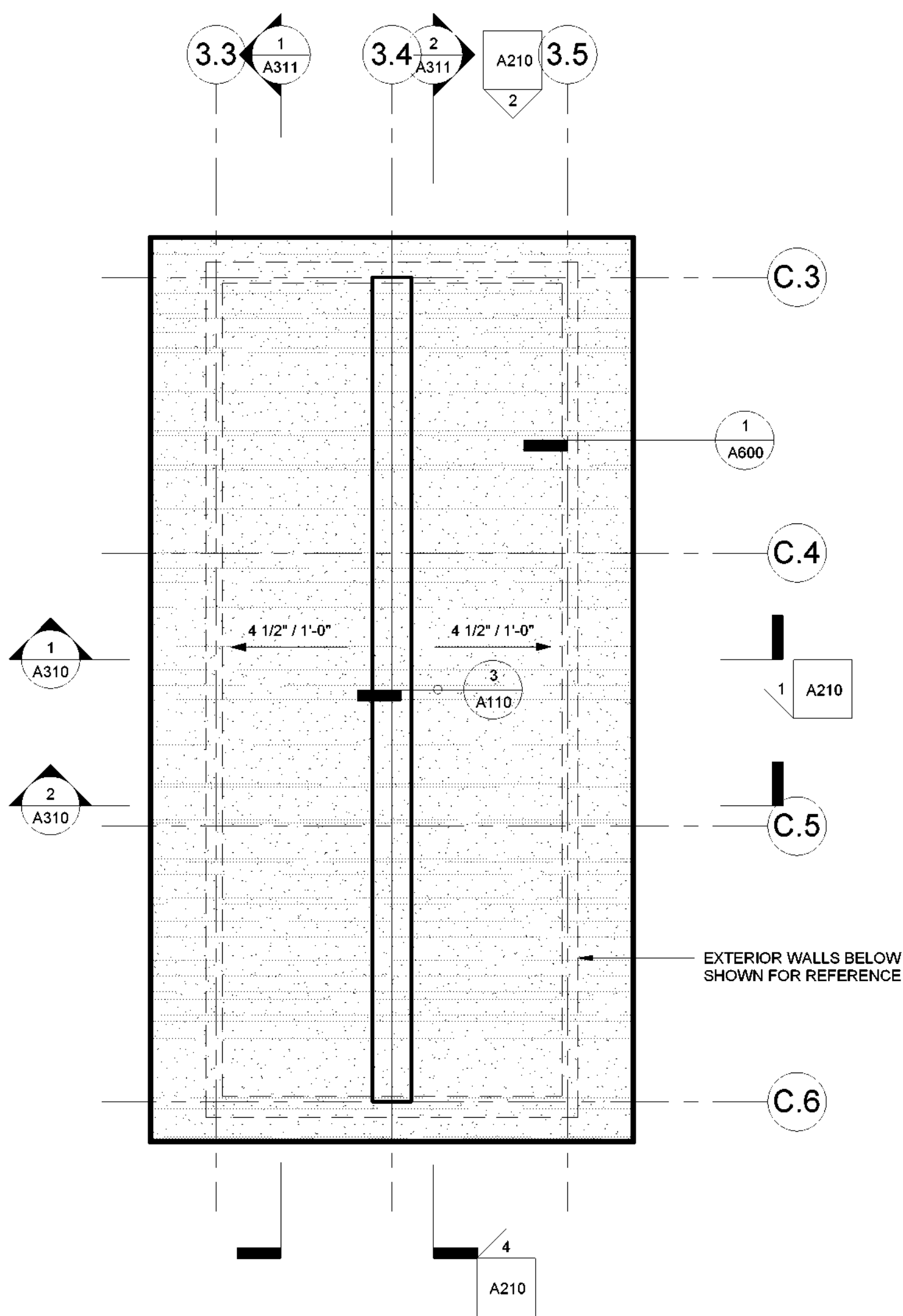
1. COORDINATE WORK WITH OTHER TRADES
2. WHERE SPECIFIC DETAILS ARE NOT INDICATED, PROVIDE MANUFACTURER'S STANDARD ROOFING DETAILS AT ALL PENETRATIONS, TERMINATIONS AND TRANSITIONS.
3. ICE & WATER SHIELD IS TO BE APPLIED AROUND ALL ROOF PENETRATIONS, ROOF OPENINGS, AND AT ALL ROOF EDGES. PRODUCT IS TO BE INSTALLED PER MANUFACTURER'S DIRECTION.

ROOF PLAN SYMBOL LEGEND

- ASPHALT SHINGLE ROOF
- ICE & WATER SHIELD
- WALL BELOW
- ROOF SLOPE
- EXHAUST VENT, SEE MECHANICAL DRAWINGS



1 BUILDING #427 REFLECTED CEILING PLAN
1/4" = 1'-0"



2 LATRINE #427 ROOF PLAN
1/4" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP
Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

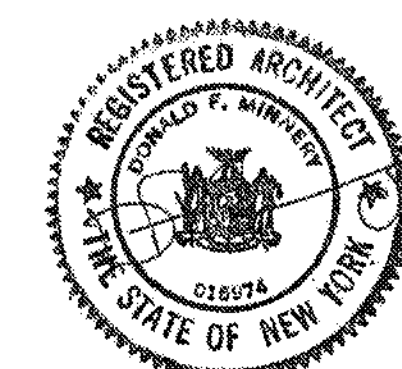
RCP & ROOF
PLAN - LATRINE
#427

Bid Documents

Project Number:

21059.23

Seal and Signature



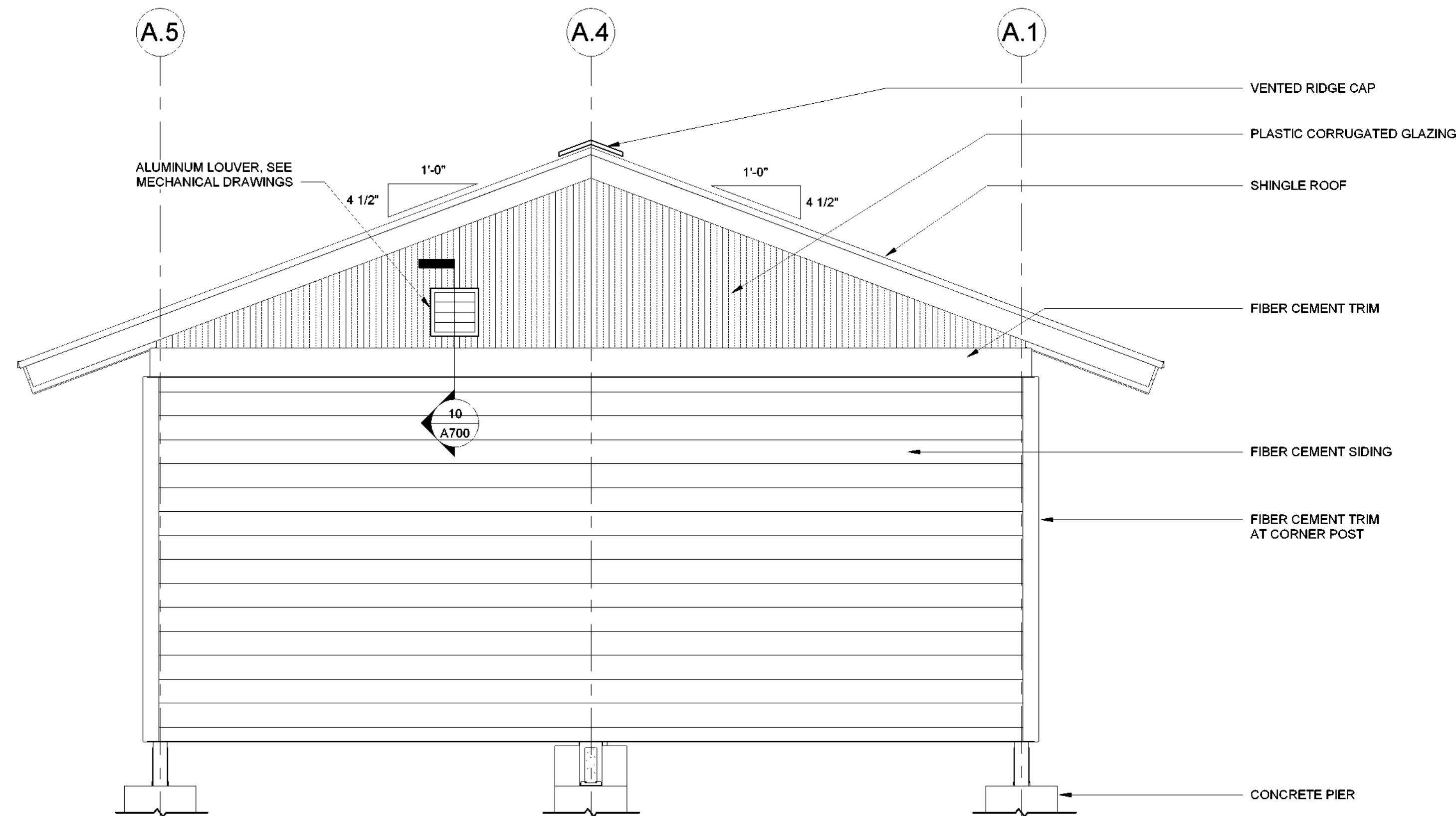
Drawing Number:

A111

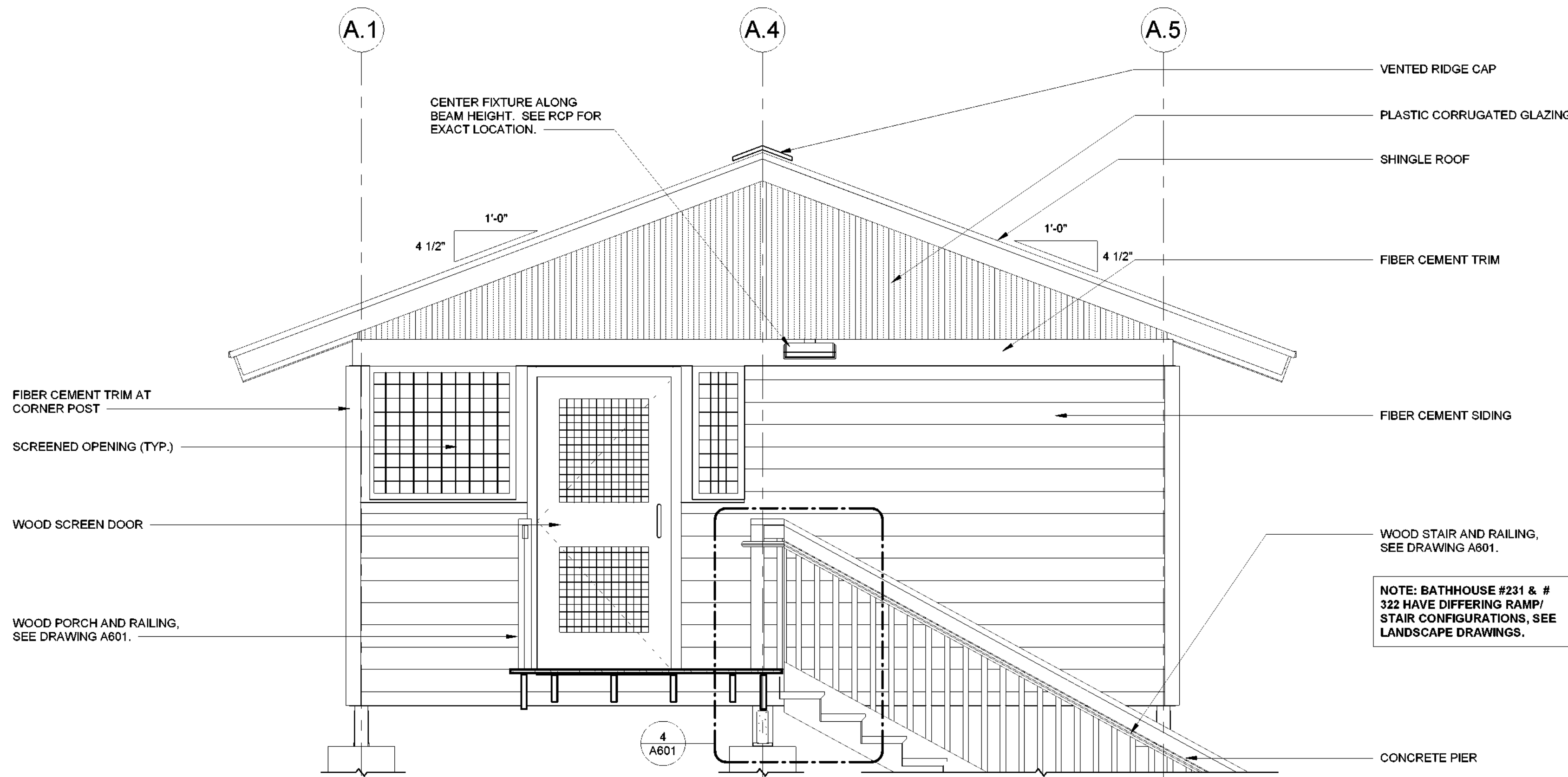
5/4/2023 4:37:45 PM

BATHHOUSE #231 & #322 GENERAL NOTES:

1. GRADE NOT SHOWN AS BATHHOUSE #231 & #322 HAVE DIFFERING SITE CONDITIONS. SEE LANDSCAPE DRAWINGS.
2. SEE DRAWING A601 FOR RAMP DETAILS AT BATHHOUSE #231. SEE DRAWING A602 FOR RAMP DETAIL AT BATHHOUSE #322. SIM.
3. ALL EXPOSED WOOD FRAMING, ROOF DECKING, SIDING, AND TRIM (NON PRESSURE-TREATED) TO BE PAINTED. SEE SPECIFICATION SECTION 09 91 01.
4. SEE MECHANICAL DRAWINGS FOR DUCT/PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.



① BATHHOUSE #231 & #322 - EAST
1/2" = 1'-0"



② BATHHOUSE #231 & #322 - WEST
1/2" = 1'-0"

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866
SARATOGA ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850
LaBella
Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

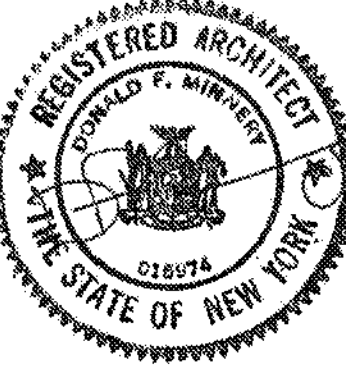
Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By: KET, LLH	Seal and Signature
Design By: LLH	
Checked By: CTS	
Approved By: CTS	
Date: 3/16/23	
Sheet Title: ELEVATIONS - BATHHOUSE #231 & #322	Drawing Number: A200
Bid Documents	
Project Number: 21059.23	

5/4/2023 4:37:46 PM

BATHHOUSE #231 & #322 GENERAL NOTES:

1. GRADE NOT SHOWN AS BATHHOUSE #231 & #322 HAVE DIFFERING SITE CONDITIONS. SEE LANDSCAPE DRAWINGS.
2. SEE DRAWING A601 FOR RAMP DETAILS AT BATHHOUSE #231, SEE DRAWING A602 FOR RAMP DETAIL AT BATHHOUSE #322. SIM.
3. ALL EXPOSED WOOD FRAMING, ROOF DECKING, SIDING, AND TRIM (NON PRESSURE-TREATED) TO BE PAINTED. SEE SPECIFICATION SECTION 09 91 01.
4. SEE MECHANICAL DRAWINGS FOR DUCT/ PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

**Surveyor/ Structural/ MEP
Engineer:**

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017973
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

ELEVATIONS -
BATHHOUSE
#231 & #322

Bid Documents

Project Number:

21059.23

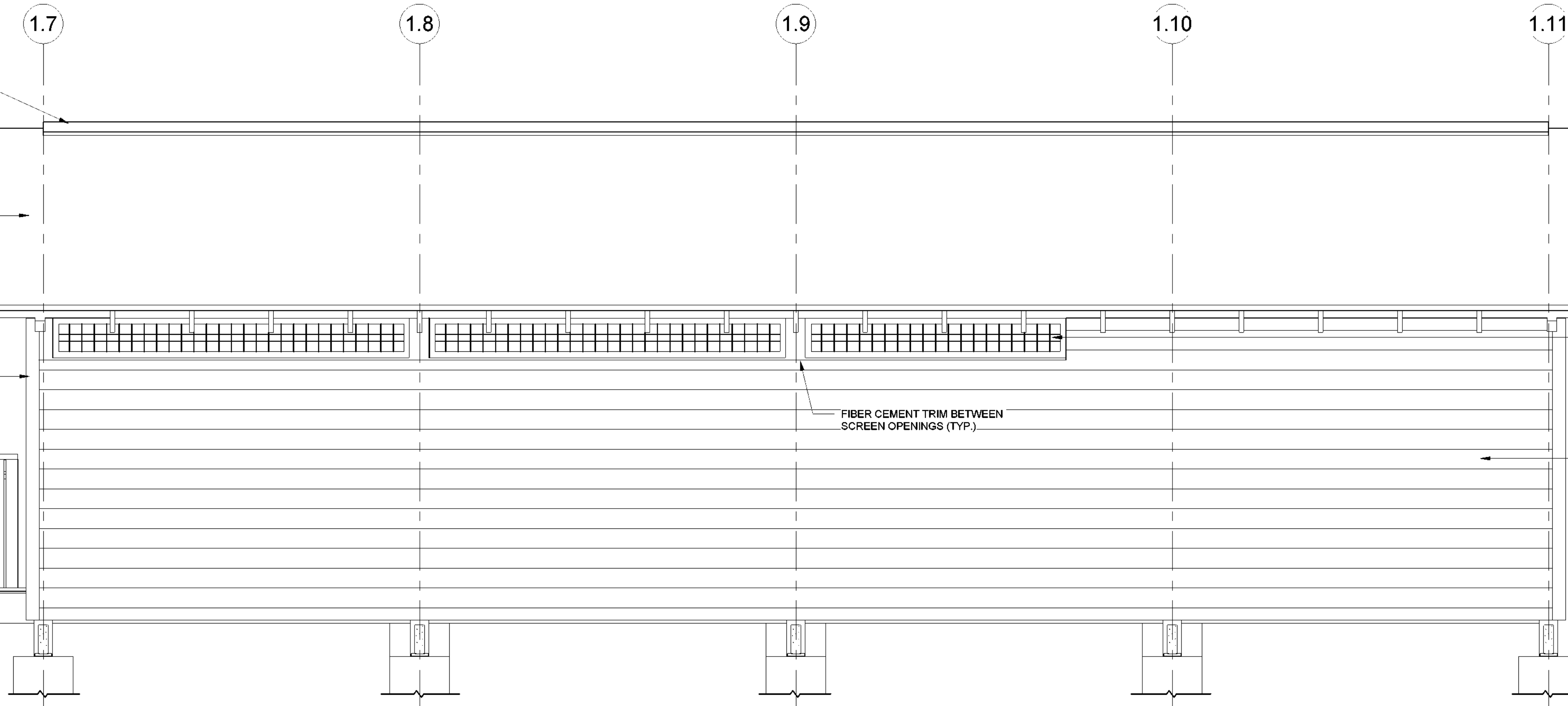
Seal and Signature



Drawing Number:

A201

① BATHHOUSE #231 &322 - NORTH
1/2" = 1'-0"



② BATHHOUSE #231 &322 - SOUTH
1/2" = 1'-0"

SHINGLE ROOF

FIBER CEMENT SIDING

VENTED RIDGE CAP

FIBER CEMENT TRIM AT
CORNER POST

SCREENED
OPENING (TYP.)

WOOD PORCH AND
RAILING, SEE DRAWING
A601.

FIBER CEMENT TRIM BETWEEN
SCREEN OPENINGS

CONCRETE PIER

VENTED RIDGE CAP

SHINGLE ROOF

FIBER CEMENT TRIM
AT CORNER POST

WOOD PORCH AND RAILING.
SEE DRAWING A601.

WOOD STAIR AND RAILING,
SEE DRAWING A601.

FIBER CEMENT TRIM BETWEEN
SCREEN OPENINGS (TYP.)

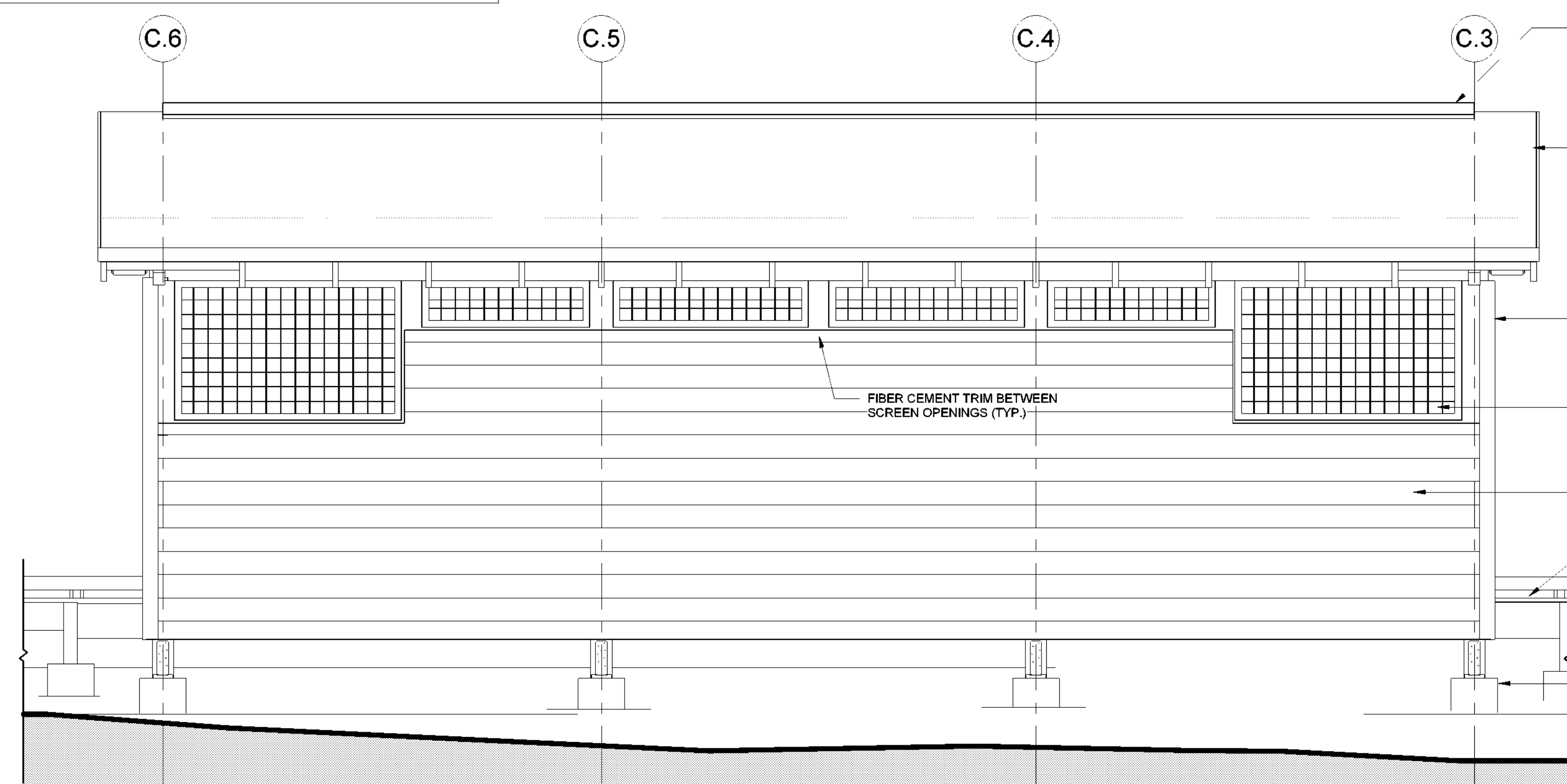
SCREENED OPENING (TYP.)

FIBER CEMENT SIDING (TYP.)

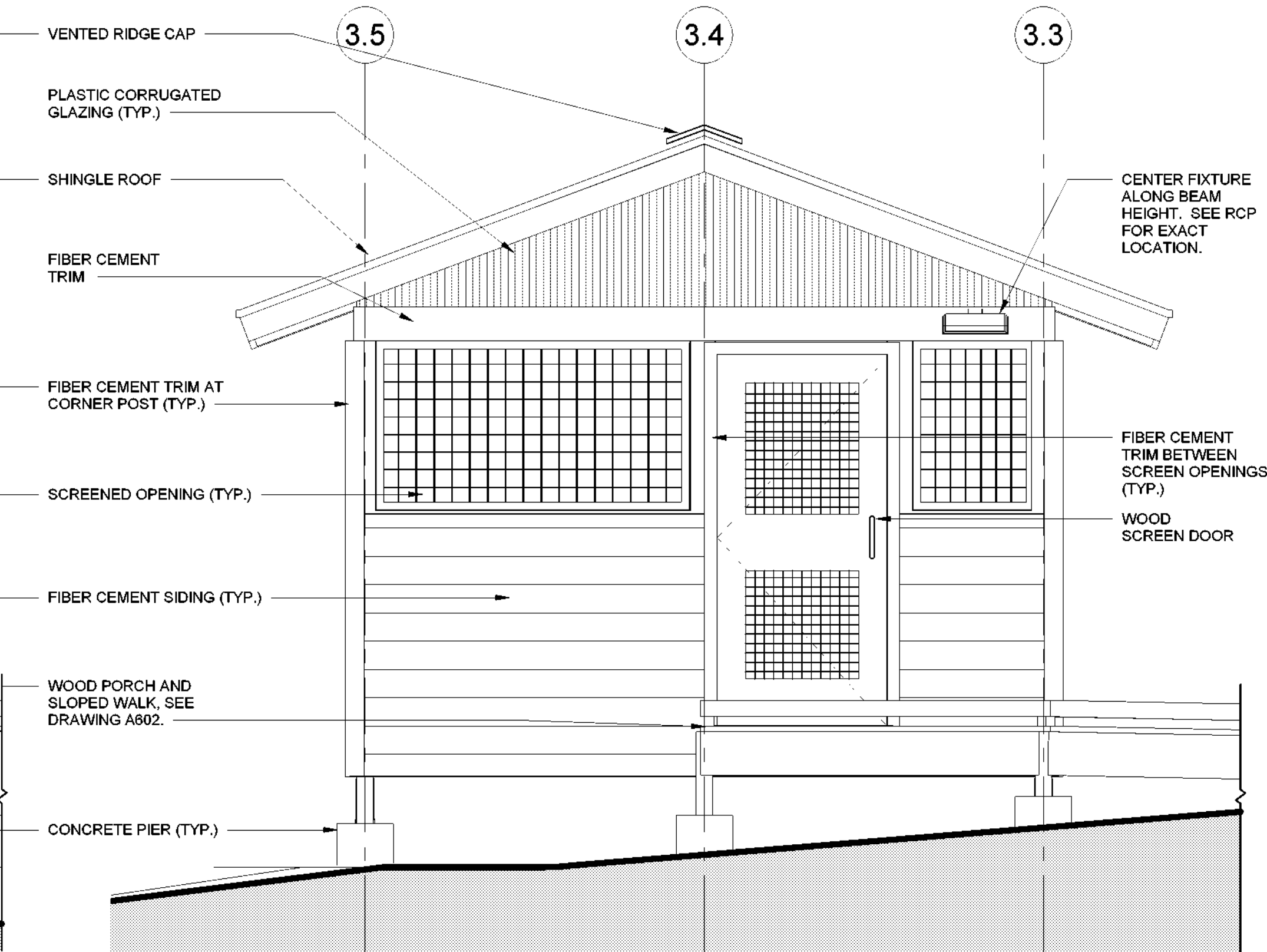
CONCRETE PIER

NOTE: BATHHOUSE #231 & #
322 HAVE DIFFERING RAMP
CONFIGURATIONS. SEE
LANDSCAPE DRAWINGS.

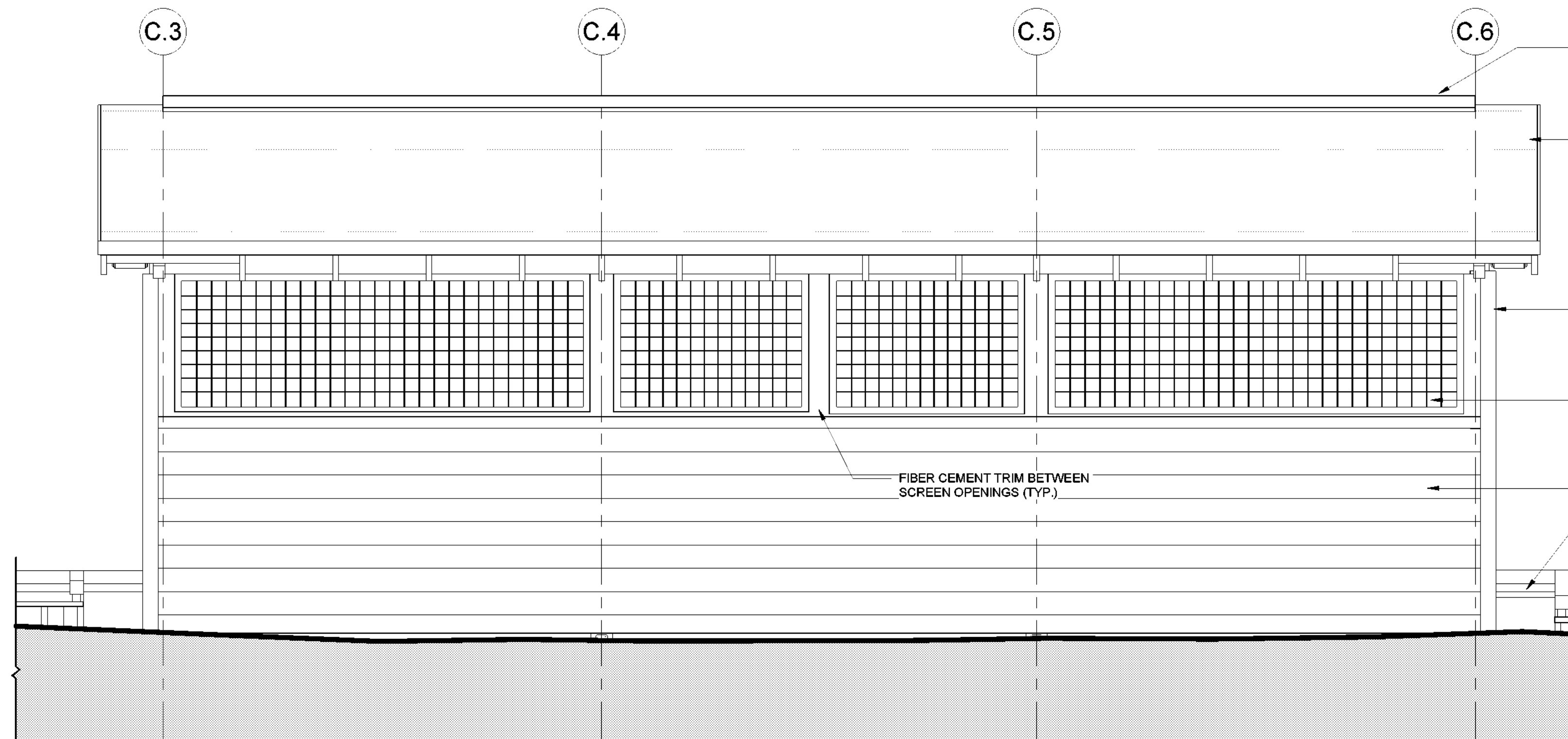
- LATRINE #427 GENERAL NOTES:**
- SEE DRAWING A602 FOR RAMP DETAILS.
 - ALL EXPOSED WOOD FRAMING, ROOF DECKING, SIDING, AND TRIM (NON PRESSURE-TREATED) TO BE PAINTED. SEE SPECIFICATION SECTION 09 91 01.
 - SEE MECHANICAL DRAWINGS FOR DUCT/ PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.



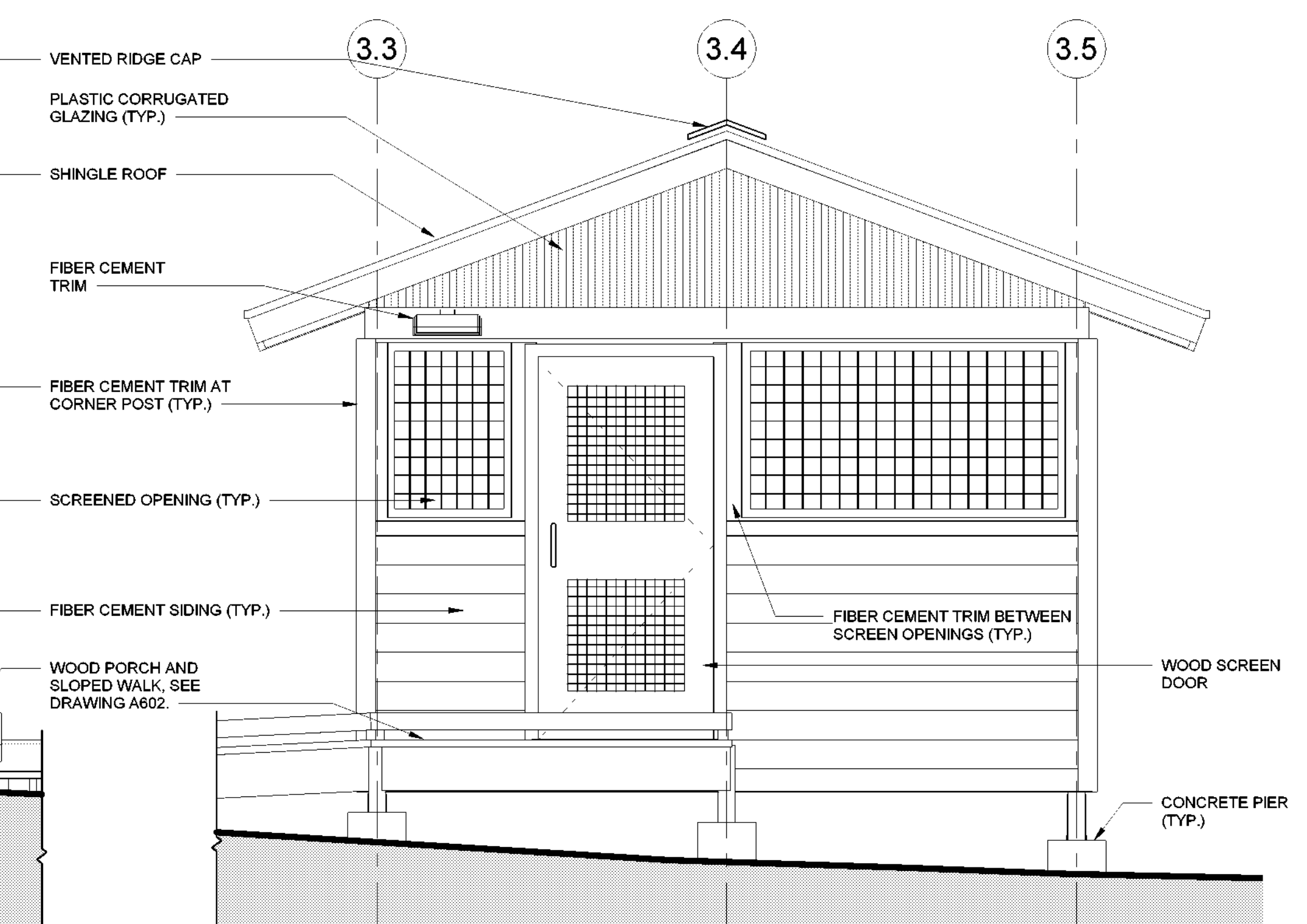
① LATRINE #427 - EAST
1/2" = 1'-0"



② LATRINE #427 - NORTH
1/2" = 1'-0"



③ LATRINE #427 - WEST
1/2" = 1'-0"



④ LATRINE #427 - SOUTH
1/2" = 1'-0"

New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul
Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850

LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
KET, LLH

Design By:
LLH

Checked By:
CTS

Approved By:
CTS

Date:
3/16/23

Seal and Signature

Sheet Title:
ELEVATIONS -
LATRINE #427

Bid Documents

Project Number:
21059.23

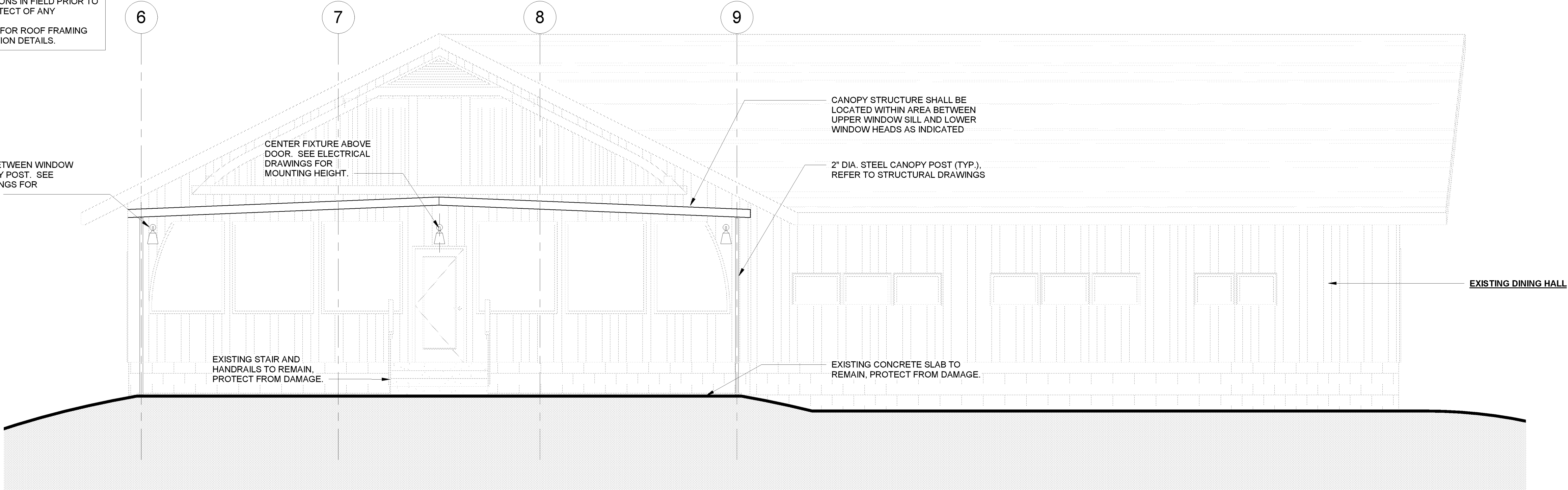
Drawing Number:

A210

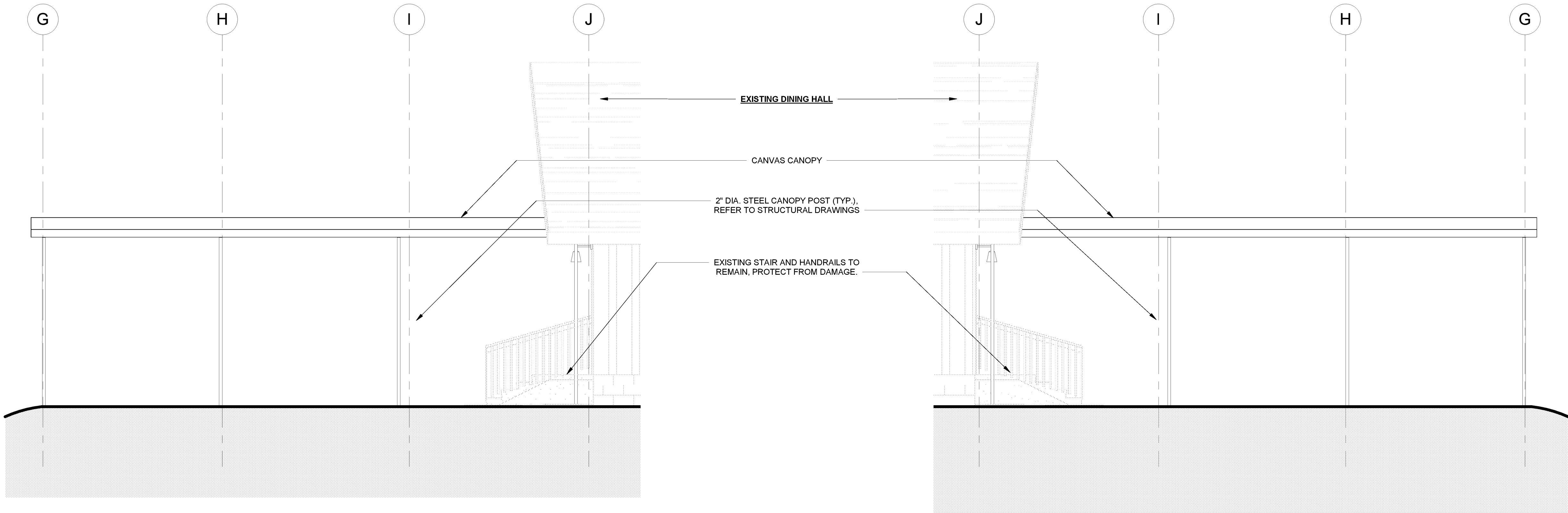
5/4/2023 4:37:47 PM

CANOPY GENERAL NOTES:

1. PROTECT ALL EXISTING CONSTRUCTION FROM DAMAGE DURING CANOPY INSTALLATION. VERIFY ALL EXISTING DIMENSIONS IN FIELD PRIOR TO INSTALLATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. SEE STRUCTURAL DRAWINGS FOR ROOF FRAMING PLAN AND FRAMING CONNECTION DETAILS.



① DINING HALL - SOUTH
1/4" = 1'-0"



② DINING HALL - EAST
1/4" = 1'-0"

③ DINING HALL - WEST
1/4" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP
Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017973
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

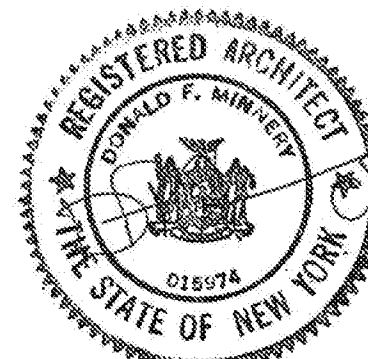
ELEVATIONS -
DINING HALL
#404

Bid Documents

Project Number:

21059.23

Seal and Signature

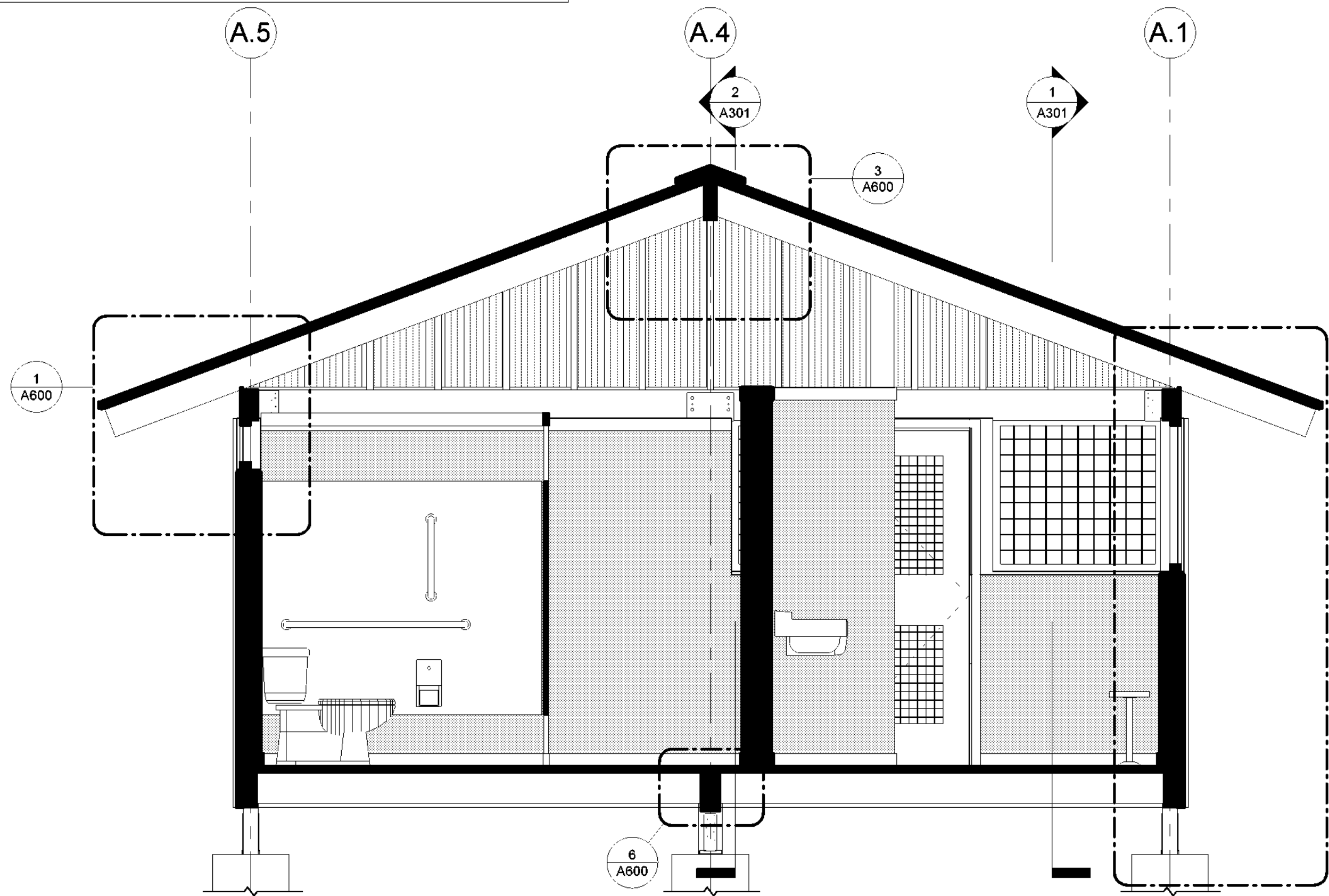


Drawing Number:

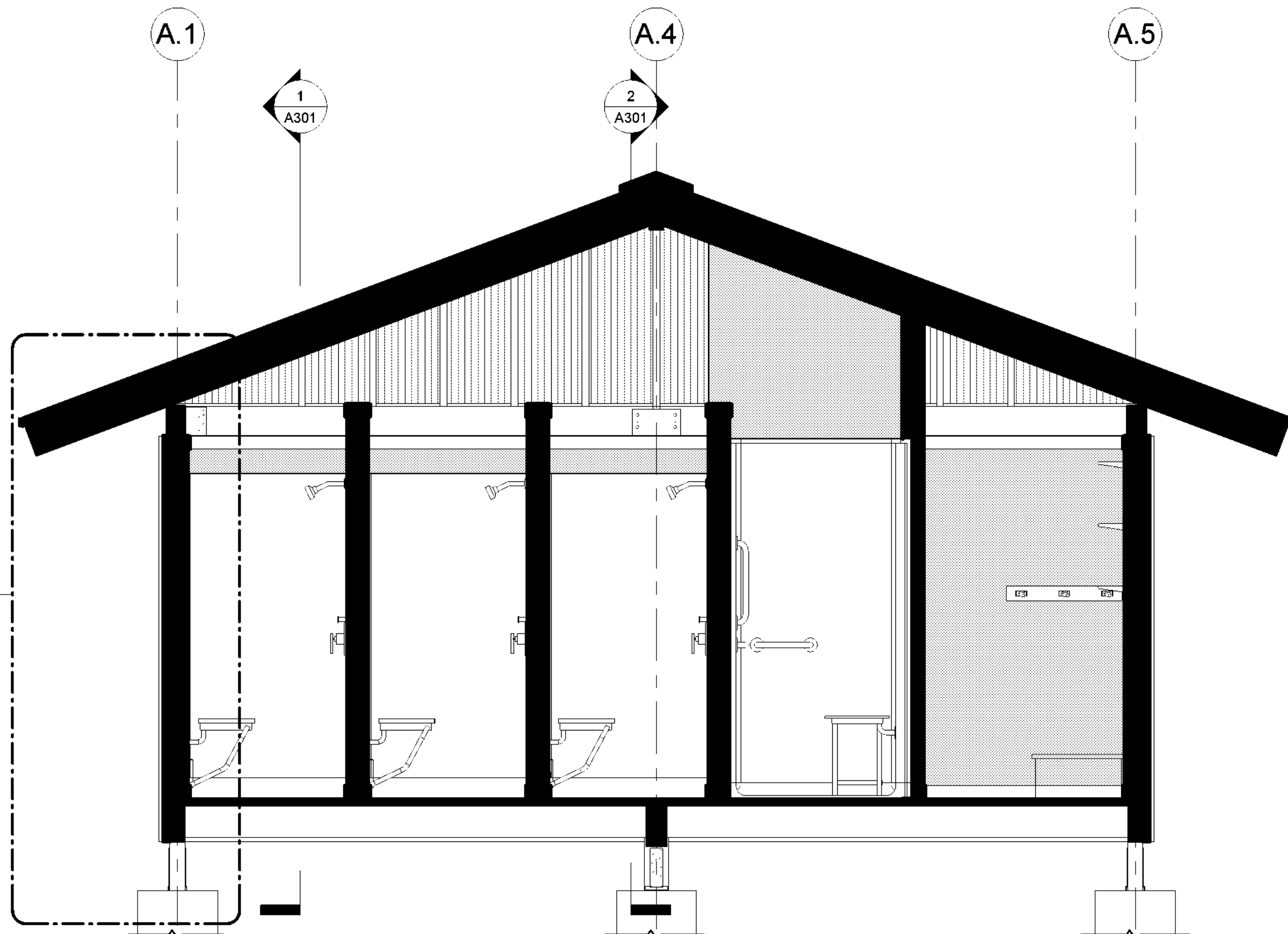
A220

BATHHOUSE #231 & #322 GENERAL NOTES:

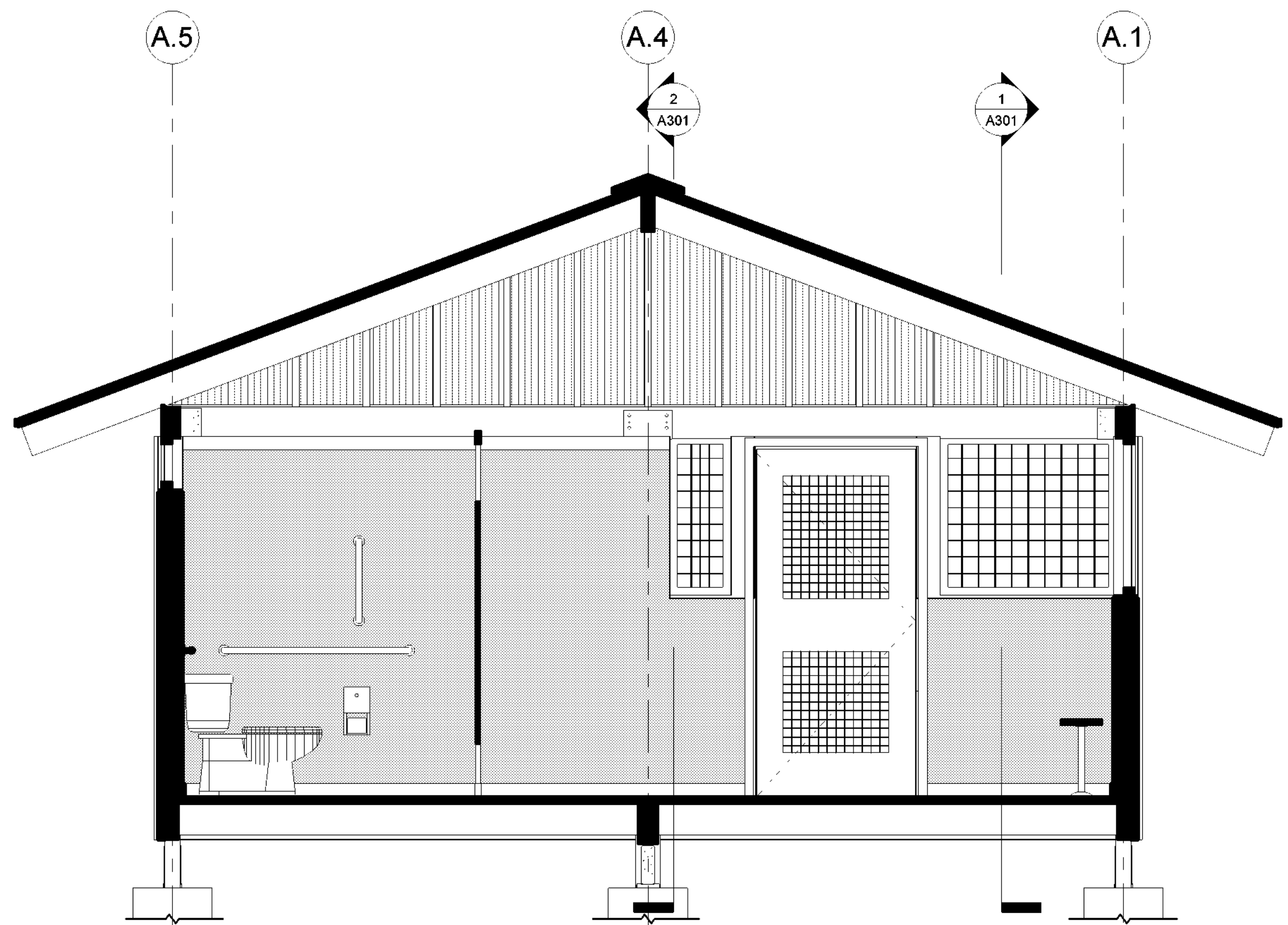
1. GRADE NOT SHOWN AS BATHHOUSE #231 & #322 HAVE DIFFERING SITE CONDITIONS. SEE LANDSCAPE DRAWINGS.
2. SEE DRAWING A601 FOR RAMP DETAILS AT BATHHOUSE #231. SEE DRAWING A602 FOR RAMP DETAIL AT BATHHOUSE #322. SIM.
3. ALL EXPOSED WOOD FRAMING, ROOF DECKING, SIDING, AND TRIM (NON PRESSURE-TREATED) TO BE PAINTED. SEE SPECIFICATION SECTION 09 01 01.
4. SEE MECHANICAL DRAWINGS FOR DUCT/ PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.



1 BATHHOUSE #231 & #322 SECTION A
1/2" = 1'-0"



2 BATHHOUSE #231 & 322 SECTION B
1/2" = 1'-0"



3 BATHROOM #231 SECTION A1
1/2" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP
Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017973
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

SECTIONS -
BATHHOUSE
#231 & #322

Bid Documents

Project Number:

21059.23

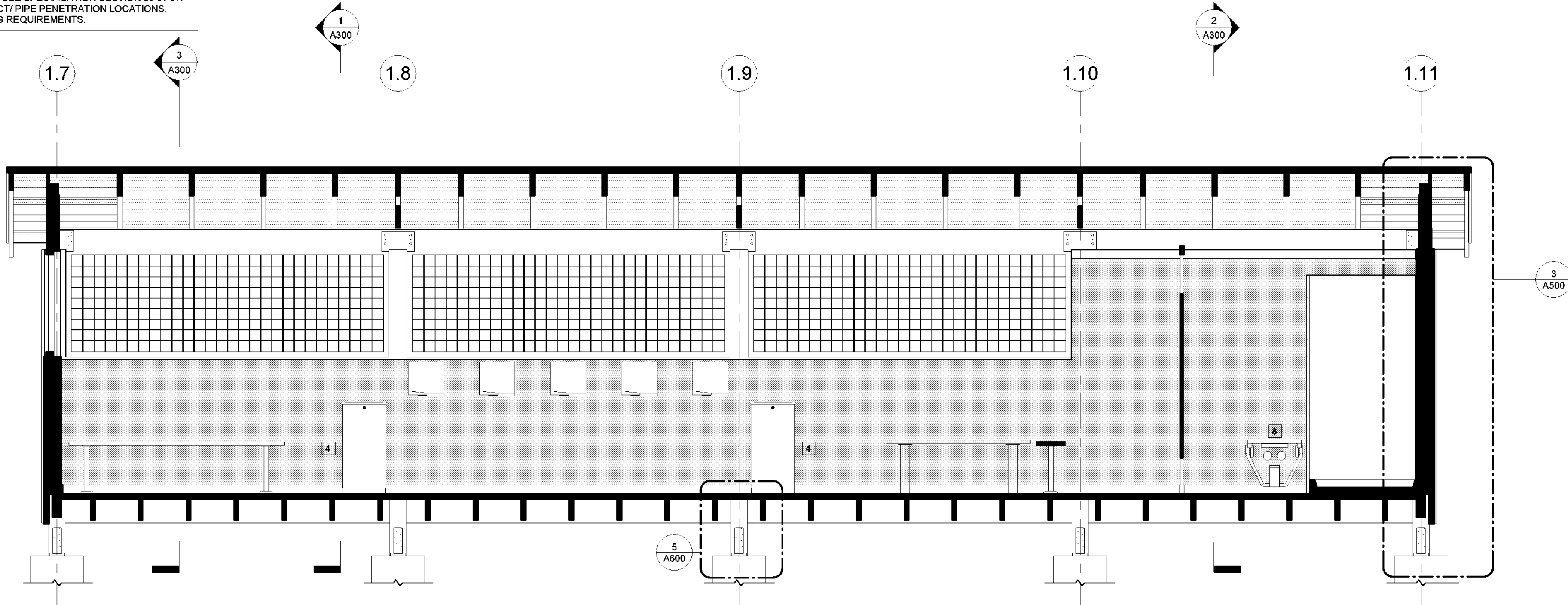
Seal and Signature



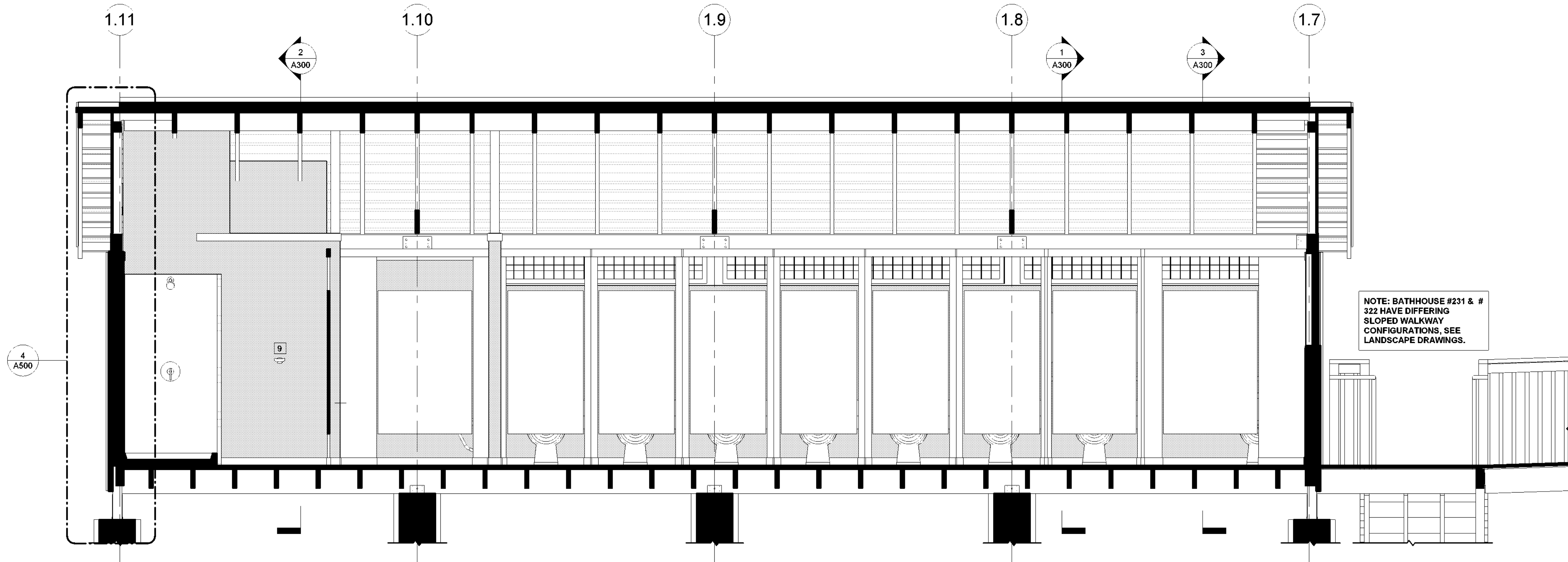
Drawing Number:

A300

- BATHHOUSE #231 & #322 GENERAL NOTES:**
1. GRADE NOT SHOWN AS BATHHOUSE #231 & #322 HAVE DIFFERING SITE CONDITIONS. SEE LANDSCAPE DRAWINGS.
 2. SEE DRAWING A601 FOR RAMP DETAILS AT BATHHOUSE #231, SEE DRAWING A602 FOR RAMP DETAIL AT BATHHOUSE #322, SIM.
 3. ALL EXPOSED WOOD FRAMING, ROOF DECKING, SIDING, AND TRIM (NON PRESSURE-TREATED) TO BE PAINTED, SEE SPECIFICATION SECTION 09 91 01.
 4. SEE MECHANICAL DRAWINGS FOR DUCT/PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.



1 BATHROOM #231 & #322 SECTION C
1/2" = 1'-0"



2 BATHHOUSE #231 & #322 SECTION D
1/2" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

**Surveyor/ Structural/ MEP
Engineer:**

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

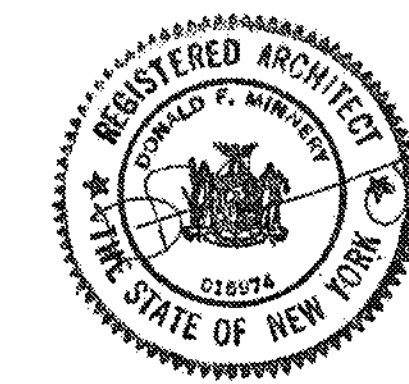
SECTIONS -
BATHHOUSE
#231 & #322

Bid Documents

Project Number:

21059.23

Seal and Signature



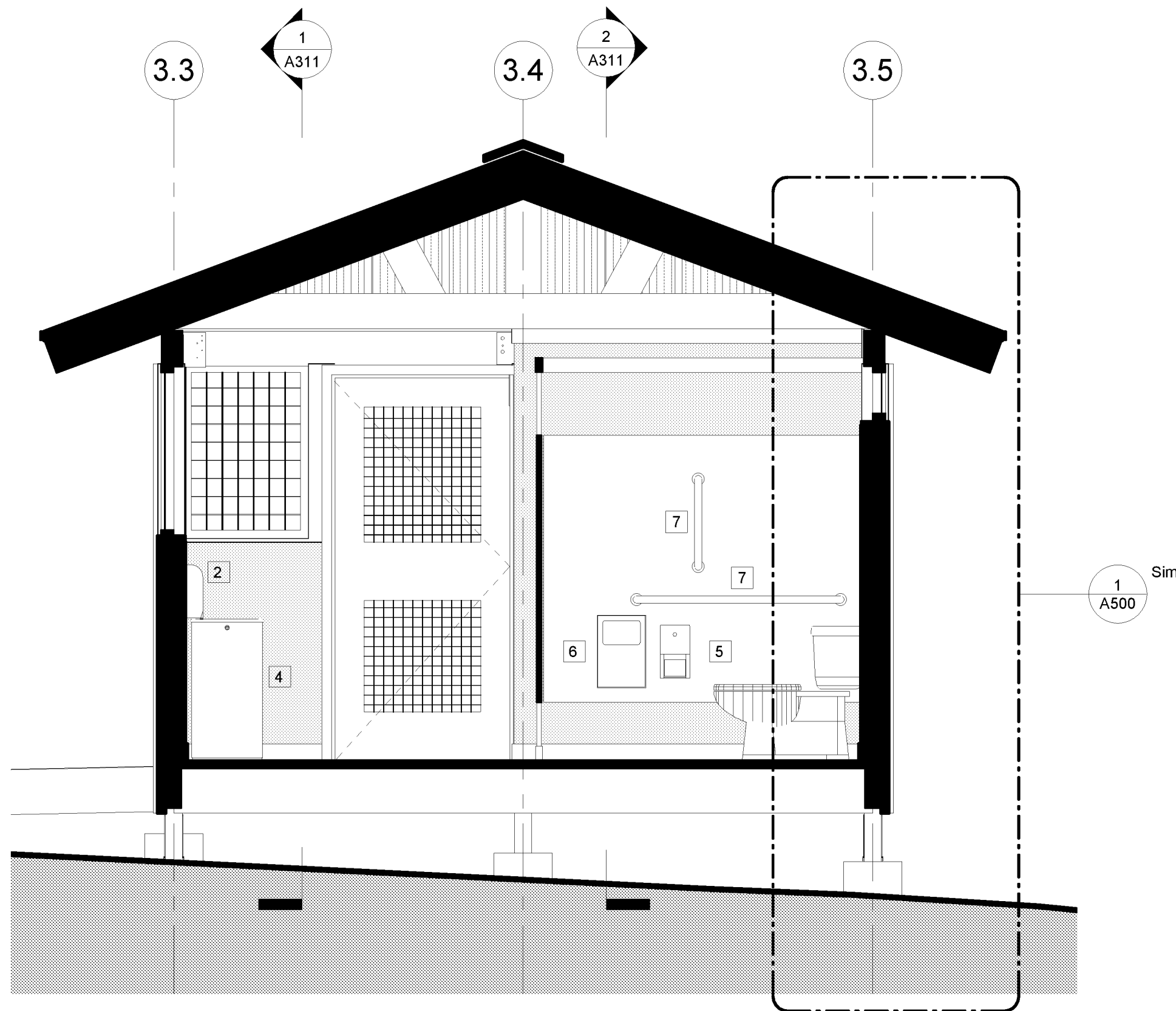
Drawing Number:

A301

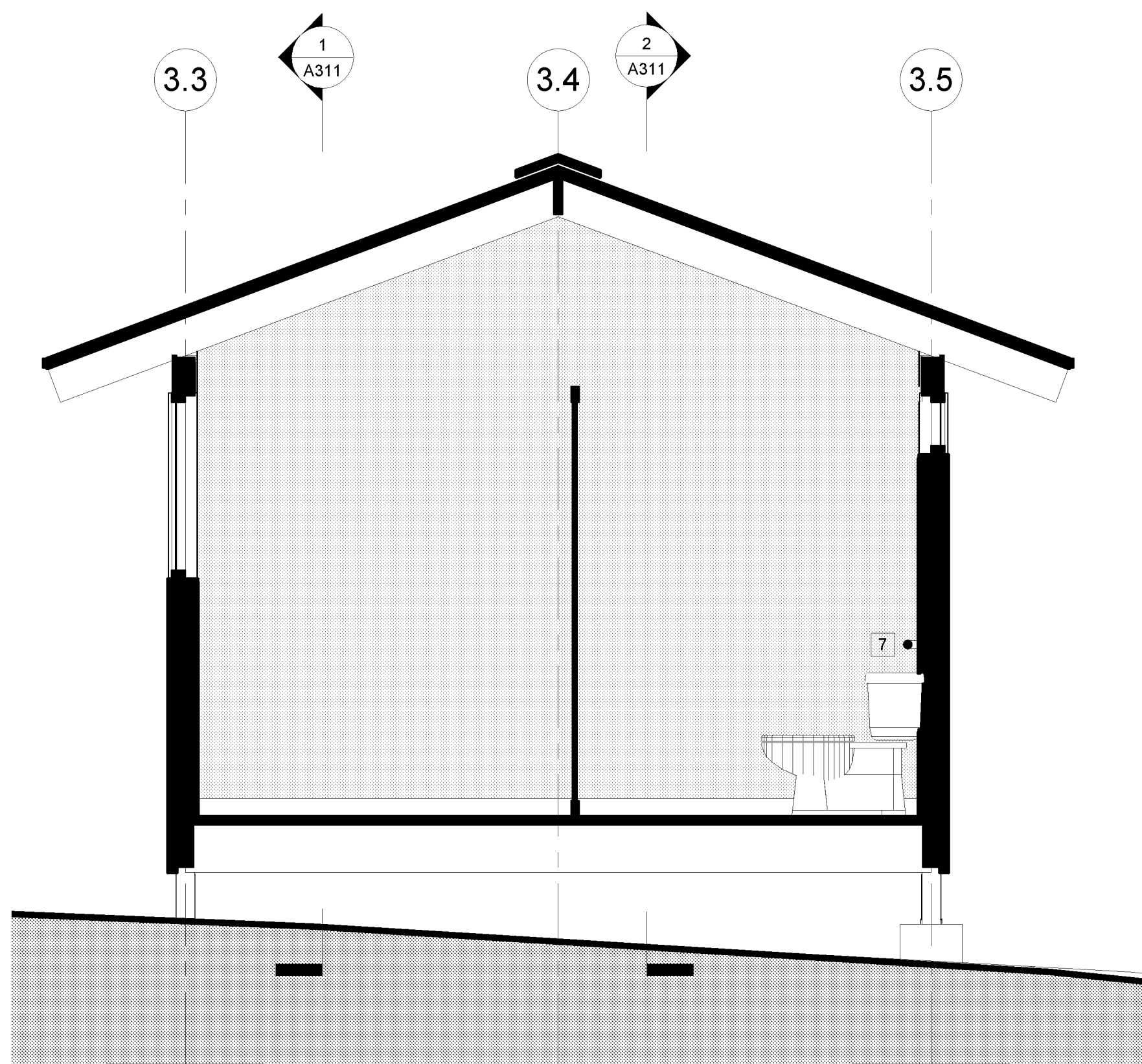
5/4/2023 4:37:46 PM

LATRINE #427 GENERAL NOTES:

1. SEE DRAWING A602 FOR RAMP DETAILS.
2. ALL EXPOSED WOOD FRAMING, ROOF DECKING, SIDING, AND TRIM (NON PRESSURE-TREATED) TO BE PAINTED, SEE SPECIFICATION SECTION 09 91 01.
3. SEE MECHANICAL DRAWINGS FOR DUCT/ PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.



① LATRINE #427 SECTION A
1/2" = 1'-0"



② LATRINE #427 SECTION B
1/2" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

**Surveyor/ Structural/ MEP
Engineer:**

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017973
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

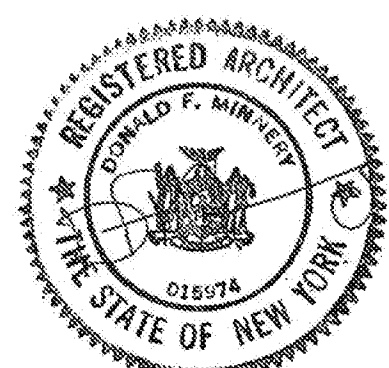
**SECTIONS -
LATRINE #427**

Bid Documents

Project Number:

21059.23

Seal and Signature



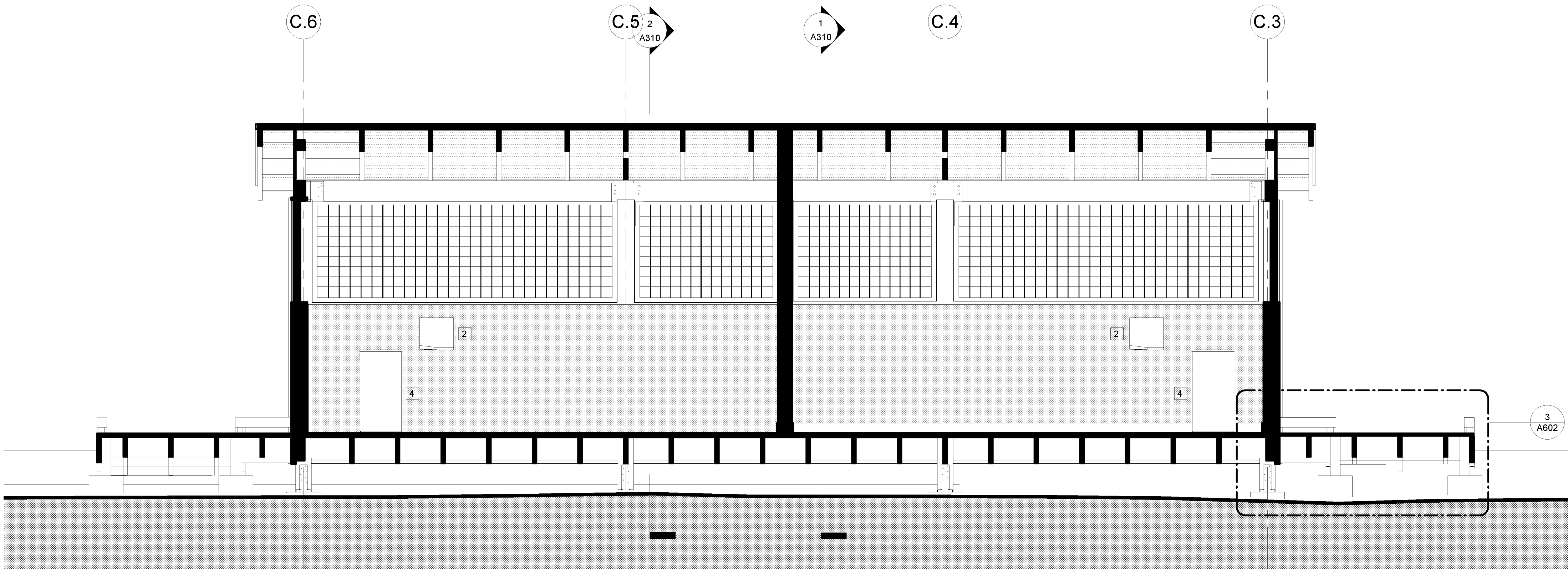
Drawing Number:

A310

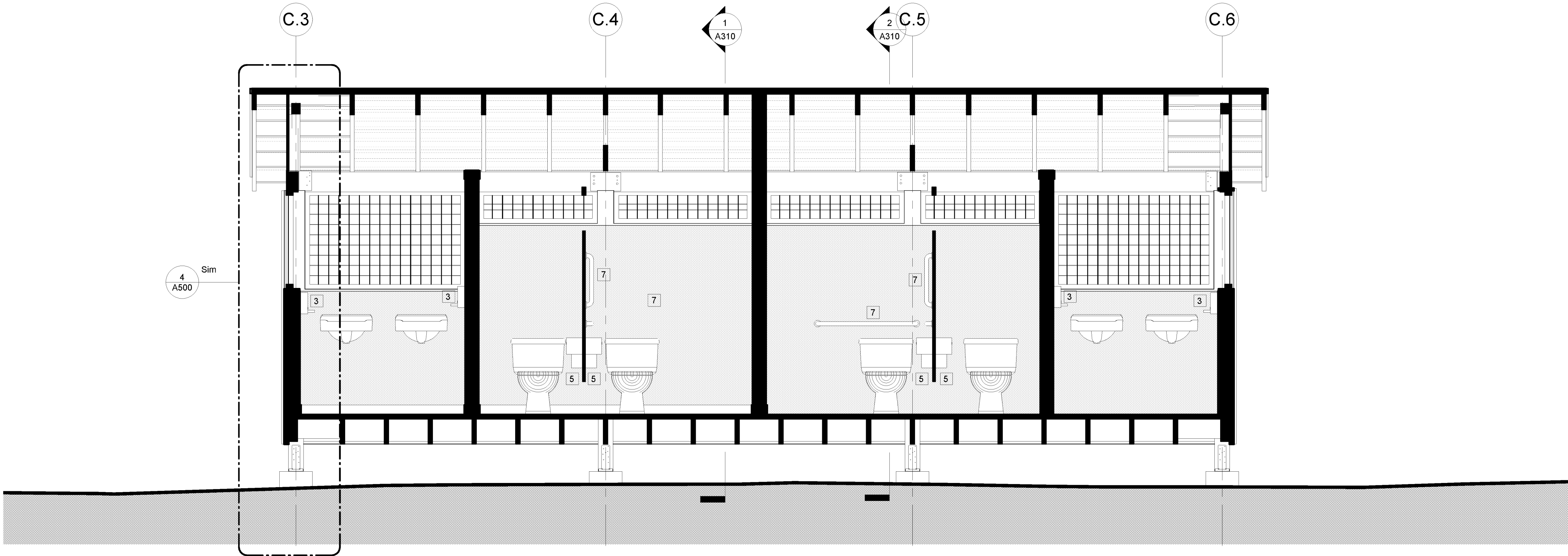
5/4/2023 4:37:48 PM

LATRINE #427 GENERAL NOTES:

1. SEE DRAWING A602 FOR RAMP DETAILS.
2. ALL EXPOSED WOOD FRAMING, ROOF DECKING, SIDING, AND TRIM (NON PRESSURE-TREATED) TO BE PAINTED, SEE SPECIFICATION SECTION 09 91 01.
3. SEE MECHANICAL DRAWINGS FOR DUCT/ PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.



1 LATRINE #427 SECTION C
1/2" = 1'-0"



2 LATRINE #427 SECTION D
1/2" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP
Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017975
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

SECTIONS -
LATRINE #427

Bid Documents

Project Number:

21059.23

Seal and Signature

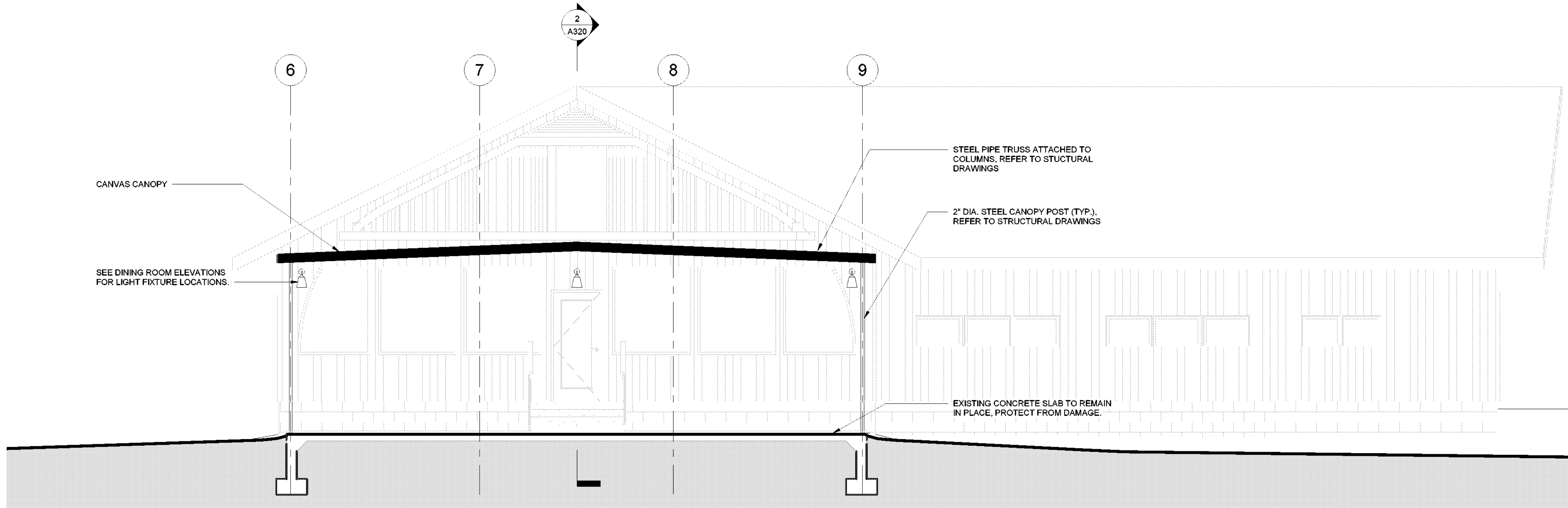


Drawing Number:

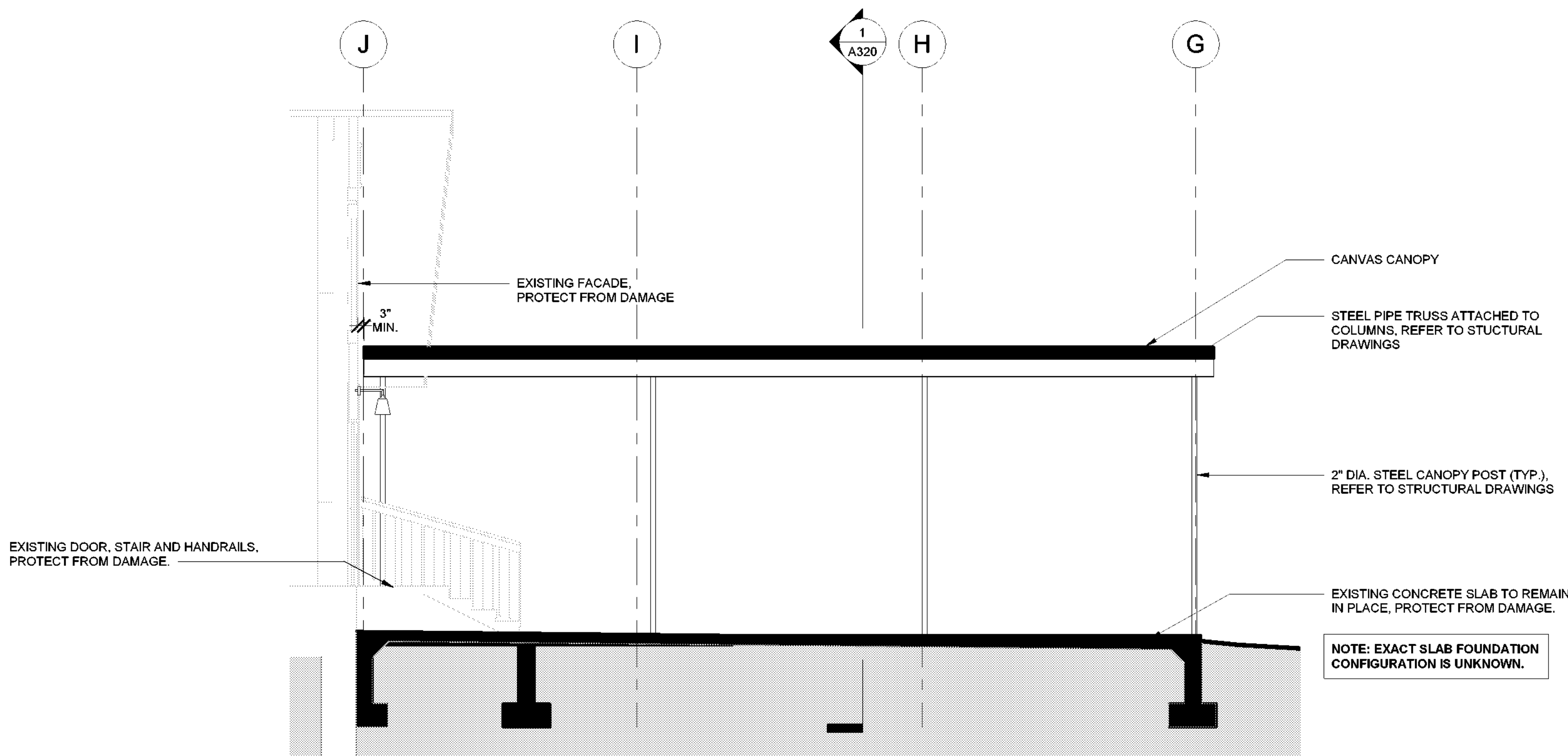
A311

5/4/2023 4:37:45 PM


- CANOPY GENERAL NOTES:**
1. PROTECT ALL EXISTING CONSTRUCTION FROM DAMAGE DURING CANOPY INSTALLATION.
 2. VERIFY ALL EXISTING DIMENSIONS IN FIELD PRIOR TO INSTALLATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
 3. SEE STRUCTURAL DRAWINGS FOR ROOF FRAMING PLAN AND FRAMING CONNECTION DETAILS.



① DINING HALL SECTION A
1/4" = 1'-0"



② DINING HALL SECTION B
1/4" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul
Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850

LaBella

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
KET, LLH

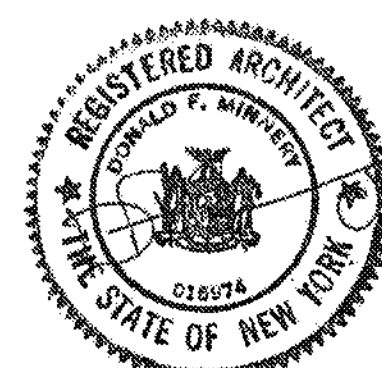
Design By:
LLH

Checked By:
CTS

Approved By:
CTS

Date:
3/16/23

Seal and Signature



Sheet Title:
DINING HALL
#404 SECTIONS

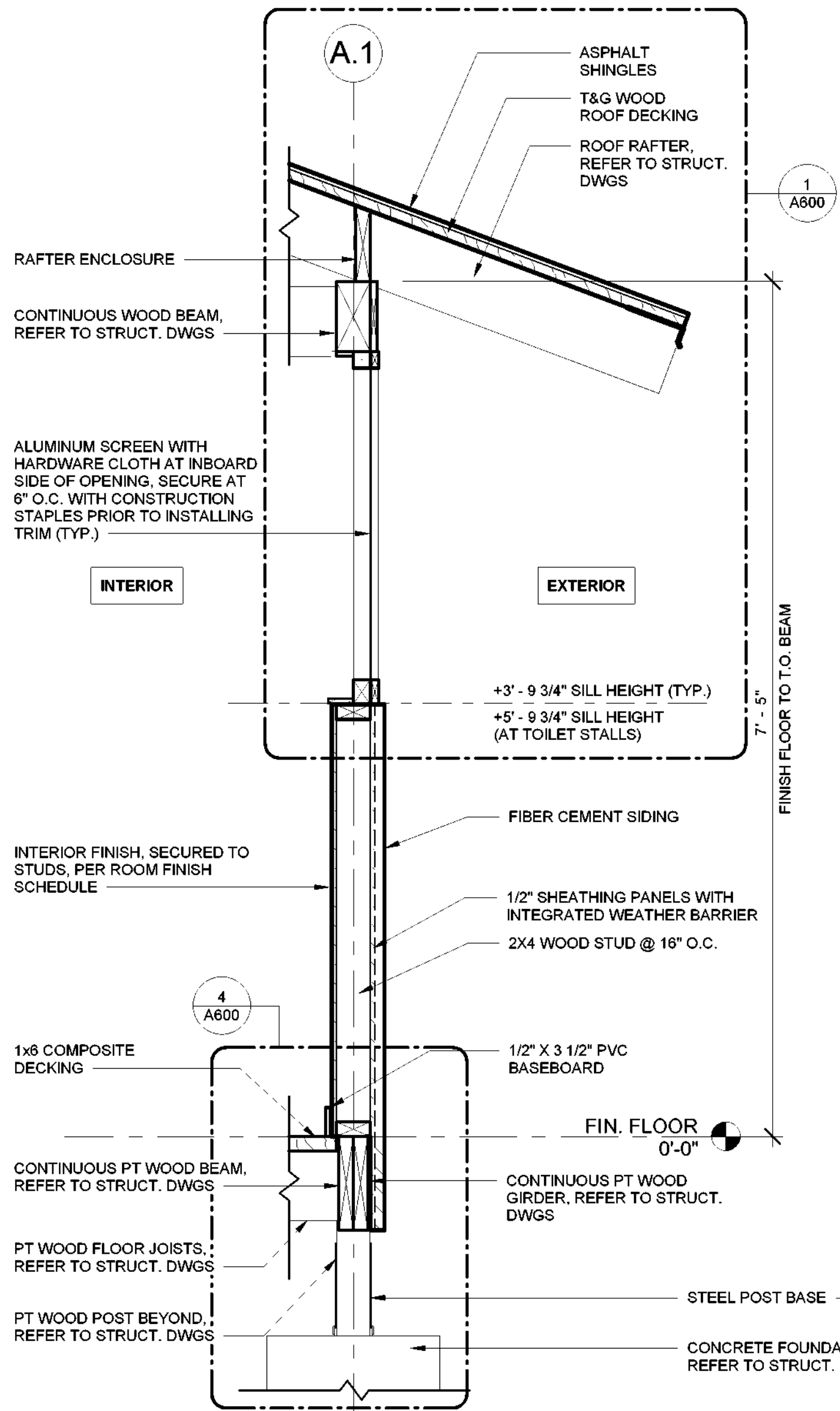
Drawing Number:
A320

Bid Documents

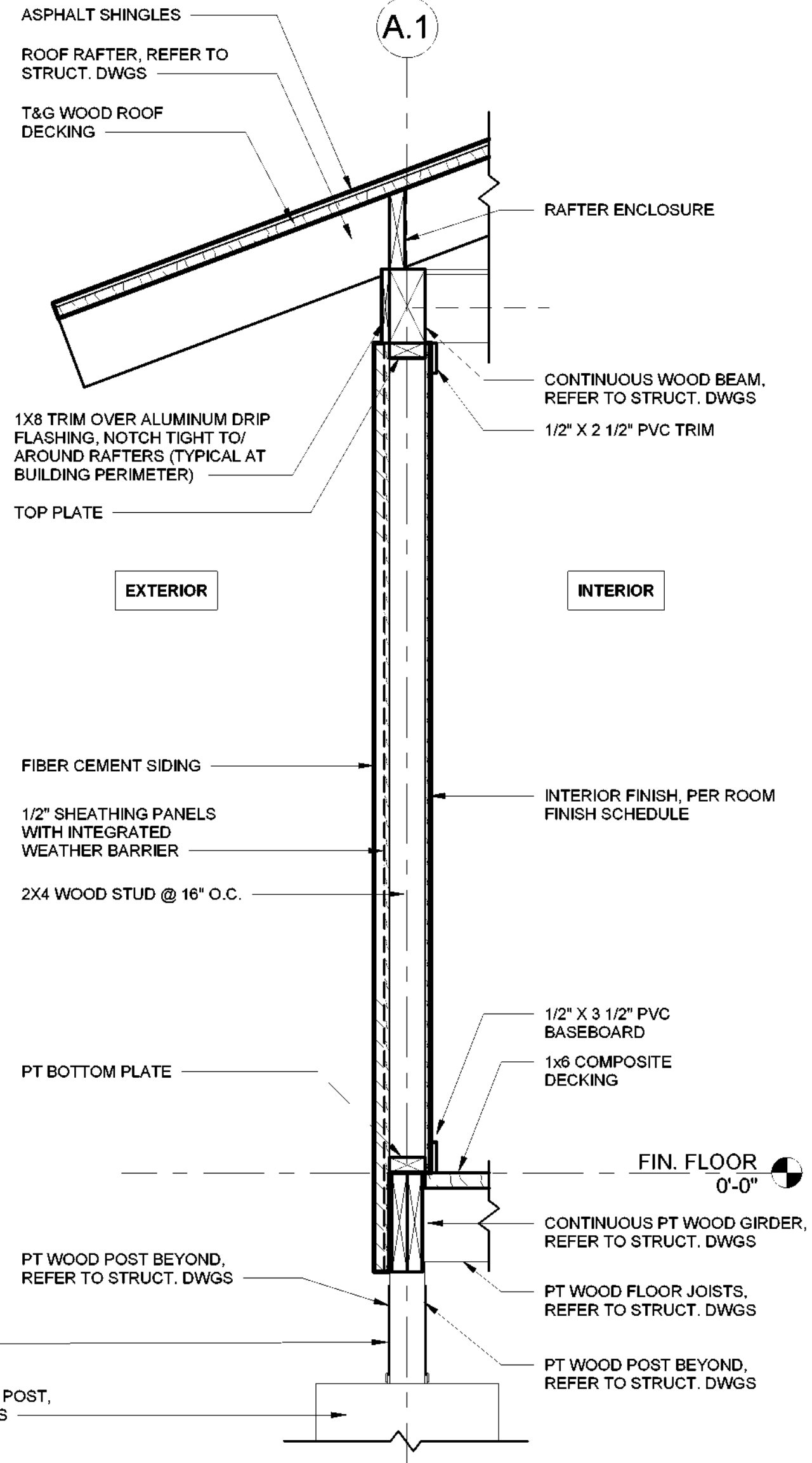
Project Number:
21059.23

GENERAL NOTES:

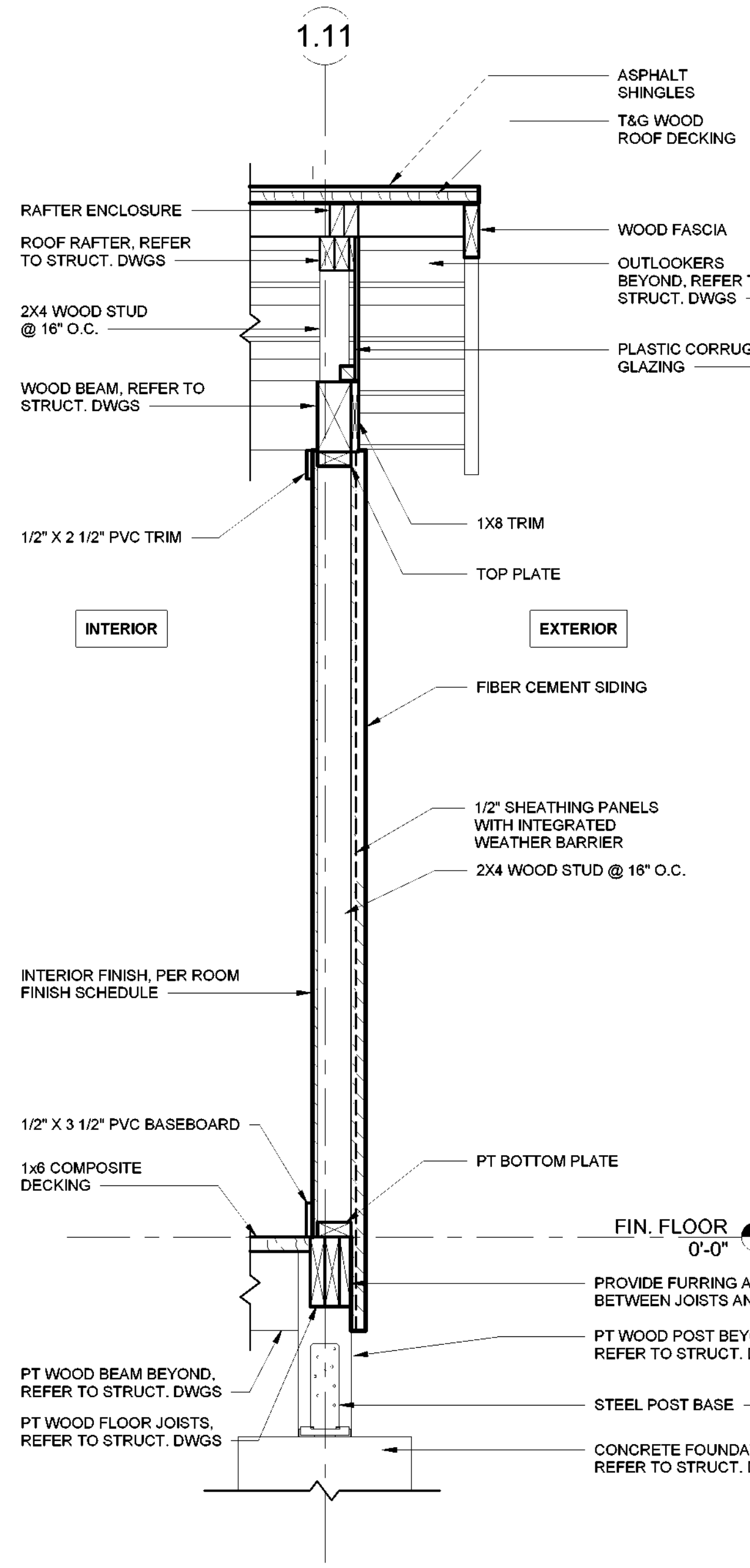
1. ALL EXTERIOR SIDING AND TRIM SHALL BE SYNTHETIC (FIBER CEMENT), PRE-PRIMED AND FIELD-PAINTED, UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS SECTIONS 07 46 49 AND 09 91 01.
2. SCREEN 1X TRIM SHALL BE SIZED PER DRAWINGS, AND FROM S4S CEDAR, GRADE C AND BETTER CLEAR.
3. SEE SPECIFICATIONS SECTION 07 62 00 FOR SHEET METAL FLASHING AT EXTERIOR WALLS.
4. SEAL ALL EXPOSED WOOD AT INTERIOR WITH SPAR MARINE VARNISH. SEE SPECIFICATIONS SECTION 09 91 23.
5. SEE MECHANICAL DRAWINGS FOR DUCT/PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.
6. COORDINATE FLOOR FRAMING WITH PLUMBING CONTRACTOR AND ADJUST FLOOR FRAMING AS REQUIRED FOR TOILET, SHOWER AND MOP SINK OUTLETS, PROVIDING HEADERS THE SAME SIZE AS FLOOR JOISTS WITH STEEL JOIST HANGERS AS REQUIRED. PROVIDE SOLID BLOCKING UNDER FLOOR DECK AND BETWEEN FLOOR JOISTS AT/ UNDER SUCH PLUMBING FIXTURES AS REQUIRED AND SIMILAR TO DETAIL 7/A600.



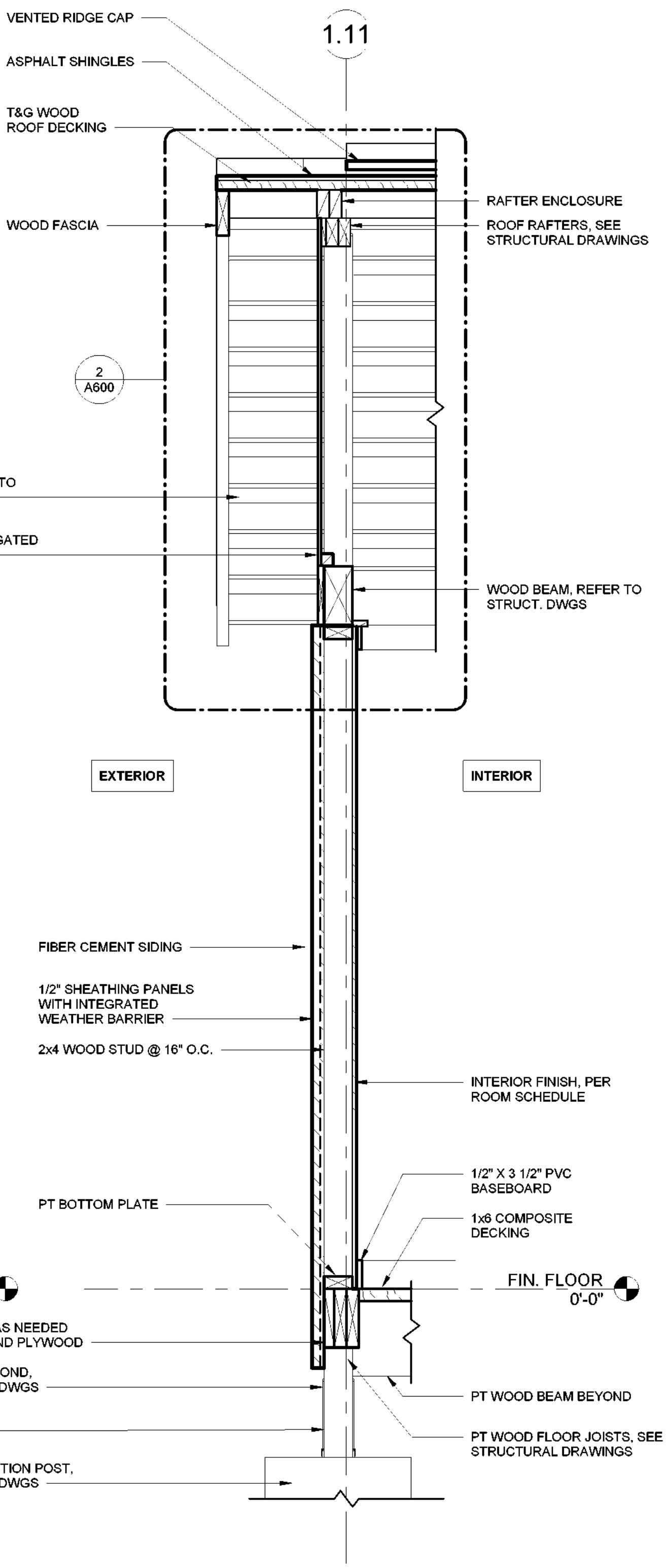
1 BATHHOUSE #231 & 322 WALL SECTION A
1" = 1'-0"



2 BATHHOUSE #231 & 322 WALL SECTION B
1" = 1'-0"



3 BATHHOUSE #231 & 322 WALL SECTION C
1" = 1'-0"



4 BATHHOUSE #231 & 322 WALL SECTION D
1" = 1'-0"

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:
KET, LLH
Design By:
LLH
Checked By:
CTS
Approved By:
CTS
Date:
3/16/23
Sheet Title:
BATHHOUSE
#231 & #322
WALL SECTIONS
Bid Documents
Project Number:
21059.23

Seal and Signature
REGISTERED ARCHITECT
DONALD F. MINNEY
STATE OF NEW YORK
018281

Drawing Number:
A500

5/4/2023 4:37:50 PM

NOTE: SEE STRUCTURAL DRAWINGS FRAMING PLANS AND DETAILS (TYP.)

NOTE: SEE LANDSCAPE DRAWINGS FOR REQUIRED GRADING AT BATHHOUSE #322 & LATRINE #427

PROVIDE BARRIER MEMBRANE OVER ALL EXTERIOR DECK JOISTS AND BEAMS, TYPICAL AT EXTERIOR WOOD FLOOR DECKING; SEE SPECIFICATIONS 06 1516.

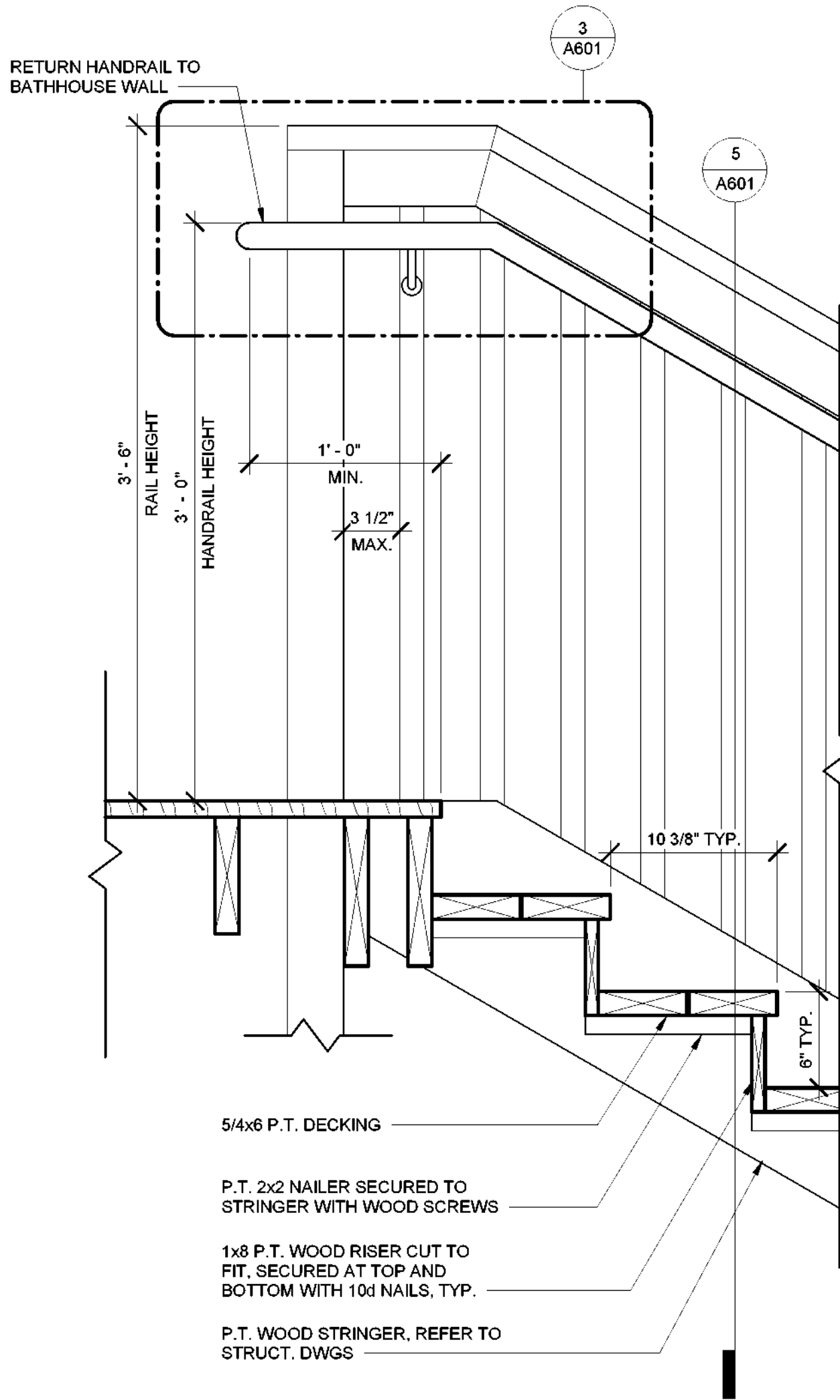
SET CONCRETE PAD AND DECKING FLUSH

SEE STRUCTURAL DRAWINGS FOR BRIDGE ABUTMENT AND PATH TO BRIDGE.

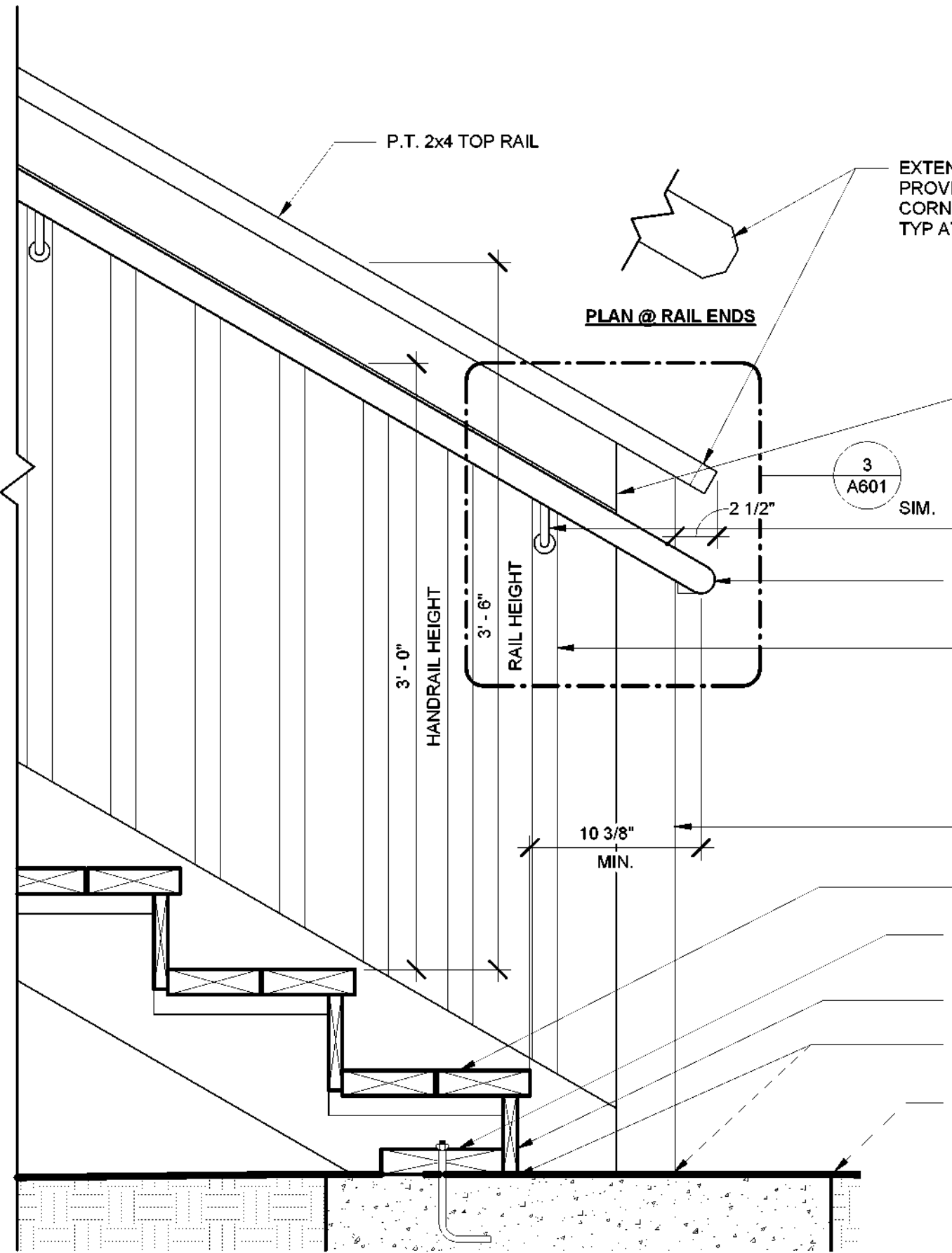
P.T. WOOD JOISTS, REFER TO STRUCT. DWGS

P.T. WOOD SILL, REFER TO STRUCT. DWGS

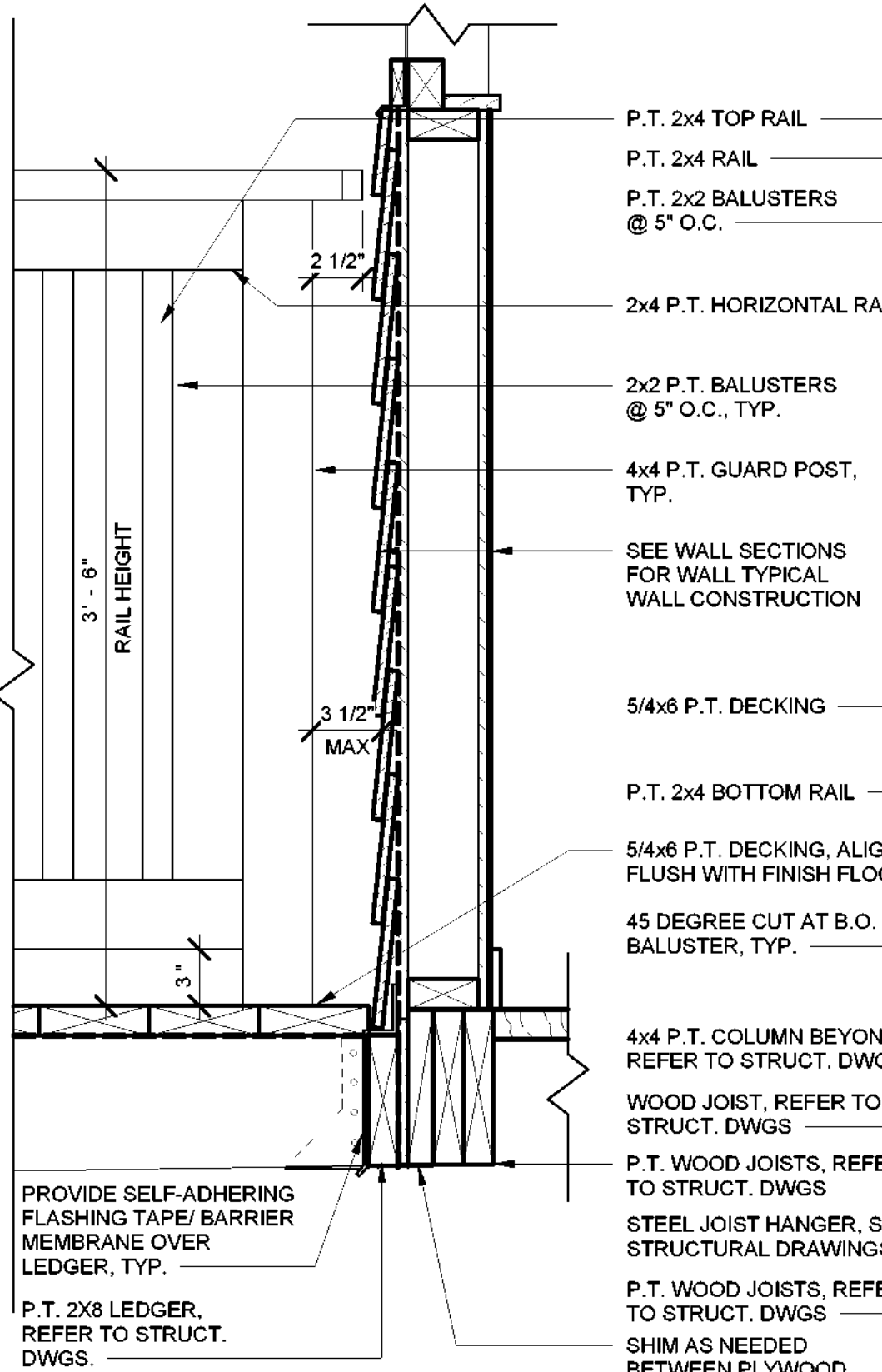
1 LANDING AND BRIDGE @ BATHHOUSE #231
1 1/2" = 1'-0"



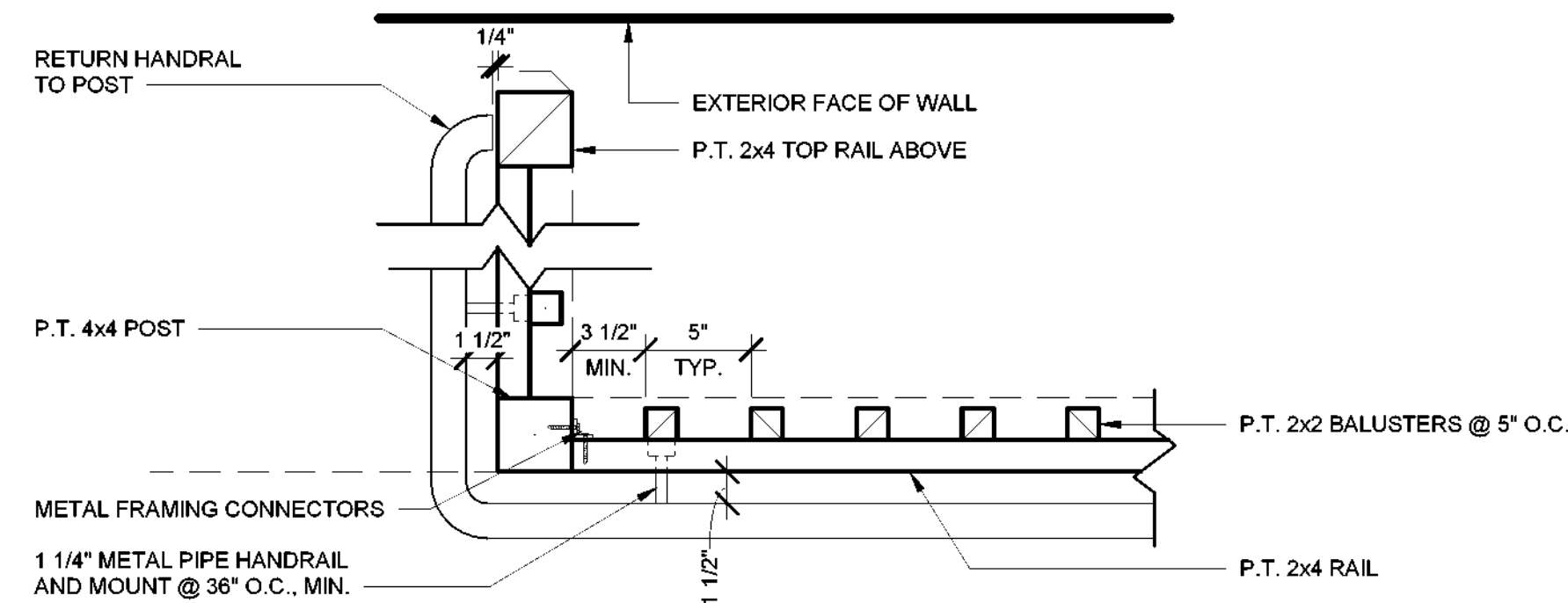
4 SECTION THROUGH STAIR
1 1/2" = 1'-0"



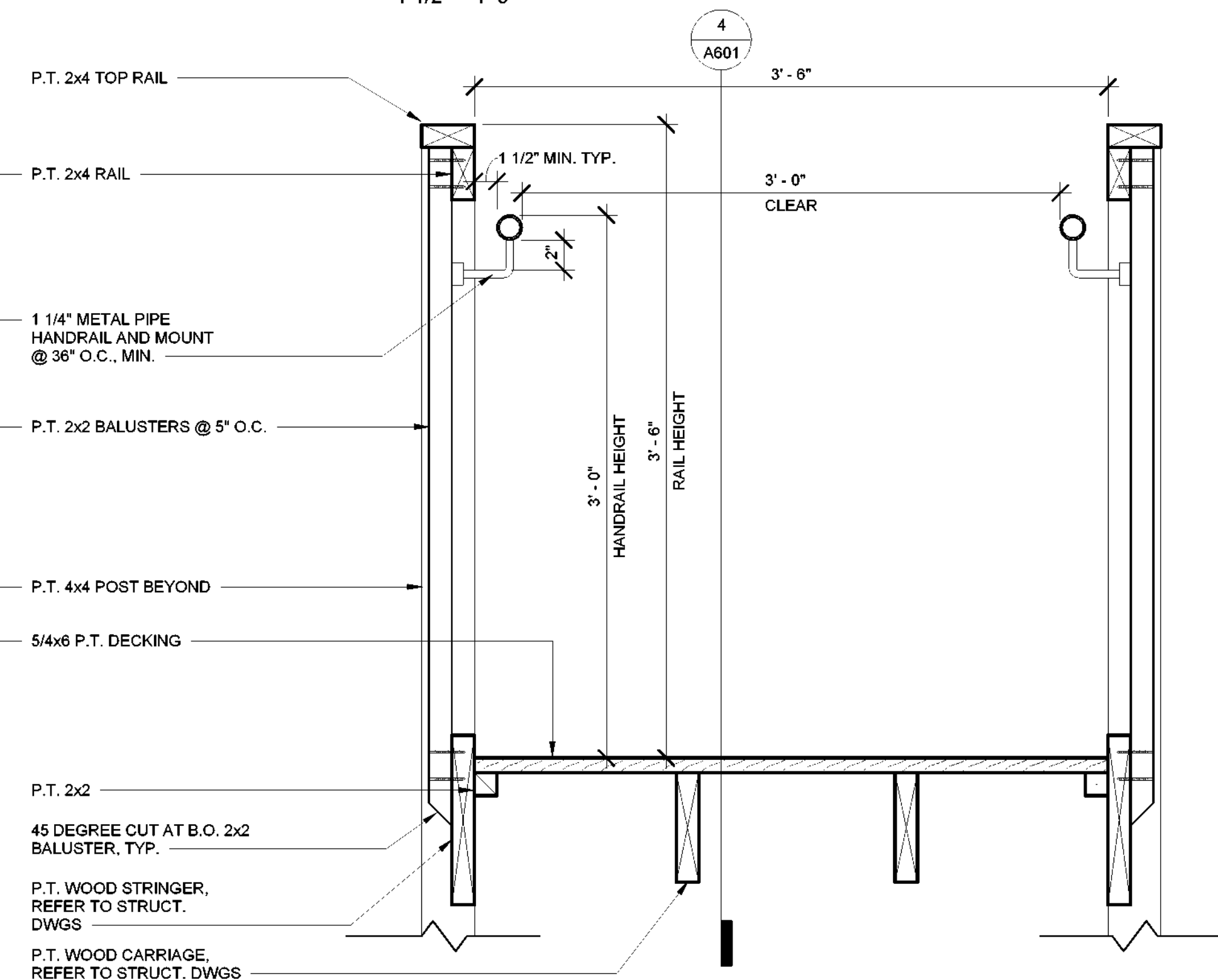
2
A601



2 SECTION THROUGH BRIDGE
1 1/2" = 1'-0"



3 STAIR RAIL PLAN DETAIL
1 1/2" = 1'-0"



5 TRANSVERSE SECTION THROUGH STAIR
1 1/2" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

Surveyor/ Structural/ MEP Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850

LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

LLH, RDD

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

**DETAILS -
BATHHOUSE
#231**

Bid Documents

Project Number:
21059.23

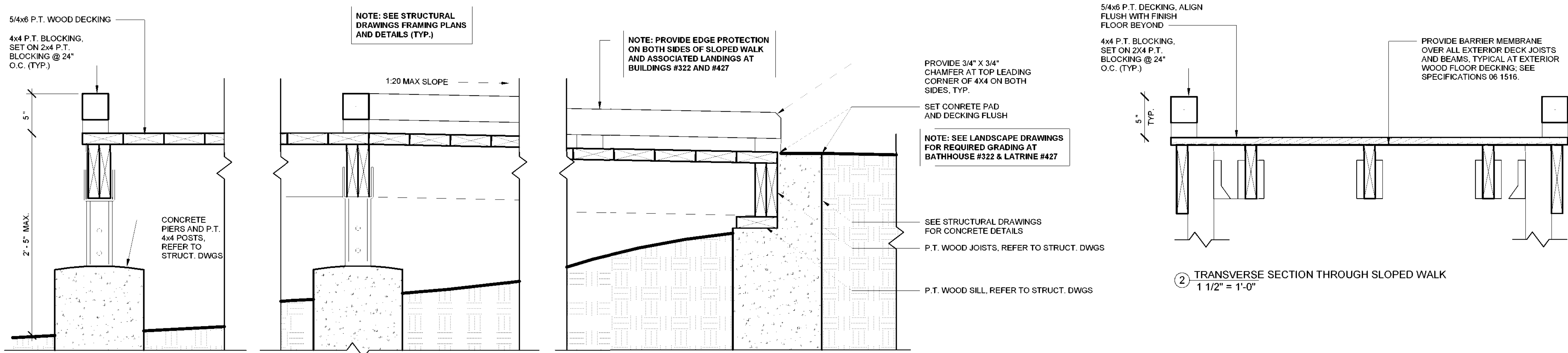
Seal and Signature



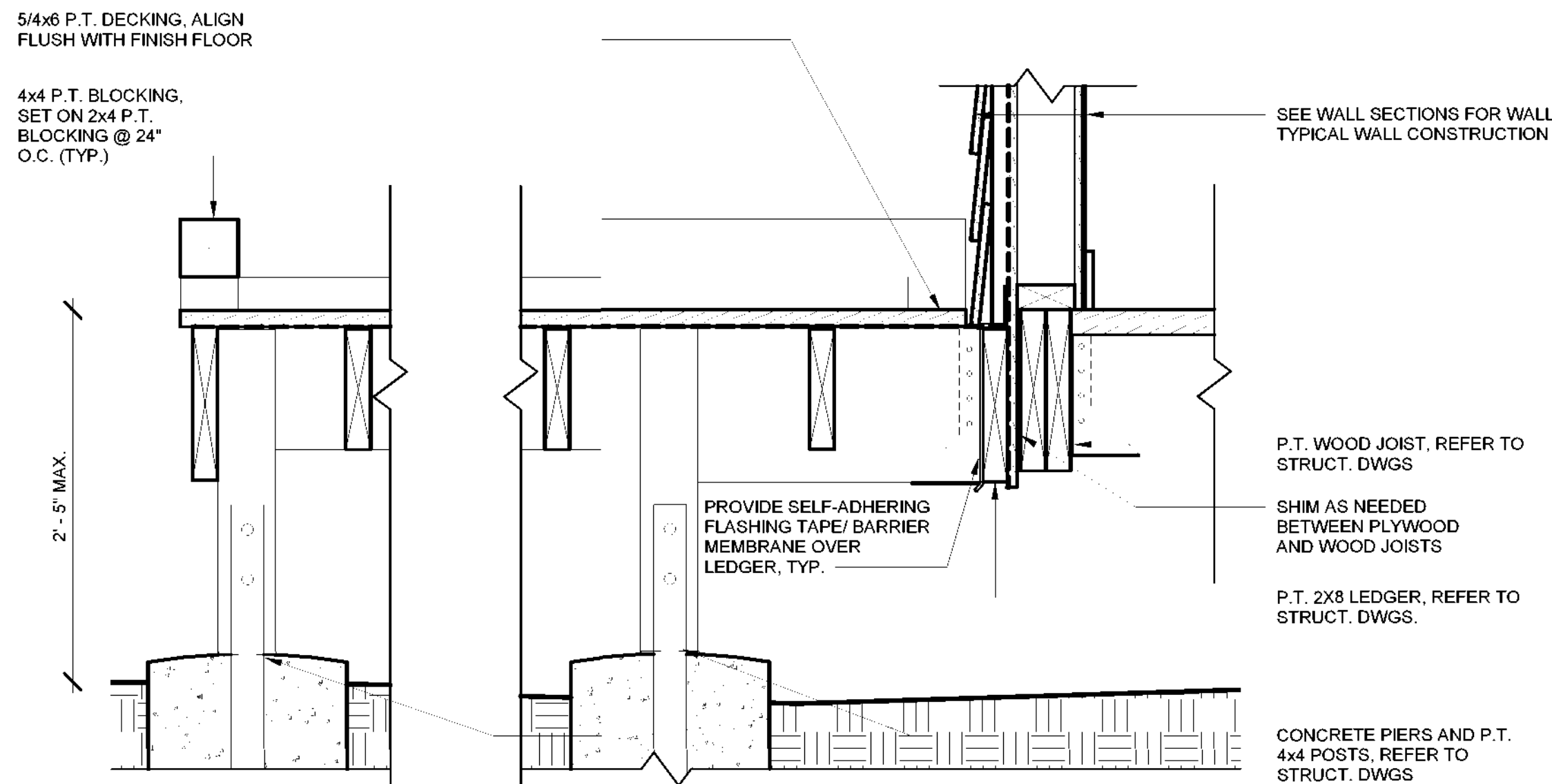
Drawing Number:

A601

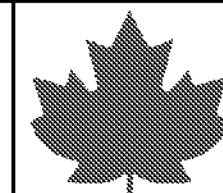
5/4/2023 4:37:50 PM



1 LANDING AND SLOPED WALK DETAIL
1 1/2" = 1'-0"



3 SECTION THROUGH DECK DETAIL
1 1/2" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesse

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects
Engineers and Planners, P.C.

Surveyor/ Structural/ MEP Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017975
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

DETAILS -
BATHHOUSE
#322 & LATRINE
#427

Bid Documents

Project Number:

21059.23

Seal and Signature



Drawing Number:

A602

5/4/2023 4:37:51 PM

Room Finish Schedule - Bathhouse #231 & #322									
Number	Name	Wall Material	Wall Finish	Base Material	Base Finish	Floor Material	Floor Finish	Ceiling Material	Ceiling Finish
101	BOYS RESTROOM #231	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN
102	SHOWER 1	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN
103	SHOWER 2	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN
104	SHOWER 3	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN
105	ADA SHOWER	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN
106	MECHANICAL	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN
107	GIRLS RESTROOM #322	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN

GENERAL NOTES:

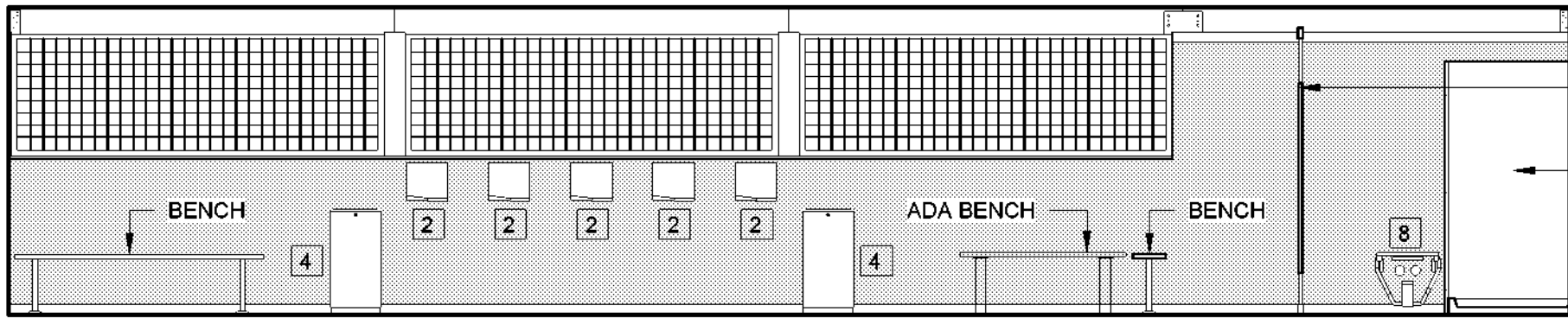
- ALL EXTERIOR SIDING AND TRIM SHALL BE SYNTHETIC (FIBER CEMENT), PRE-PRIMED AND FIELD-PAINTED, UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS SECTIONS 07 46 49 AND 09 91 01.
- SCREEN 1 X TRIM SHALL BE SIZED PER DRAWINGS, AND FROM S4S CEDAR, GRADE C AND BETTER CLEAR.
- SEE SPECIFICATIONS SECTION 07 62 00 FOR SHEET METAL FLASHING AT EXTERIOR WALLS.
- SEAL ALL EXPOSED WOOD AT INTERIOR WITH SPAR MARINE VARNISH. SEE SPECIFICATIONS SECTION 09 91 23.
- SEE MECHANICAL DRAWINGS FOR DUCT/ PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.
- COORDINATE FLOOR FRAMING WITH PLUMBING CONTRACTOR AND ADJUST FLOOR FRAMING AS REQUIRED FOR TOILET, SHOWER AND MOP SINK OUTLETS. PROVIDING HEADERS THE SAME SIZE AS FLOOR JOISTS WITH STEEL JOIST HANGERS AS REQUIRED. PROVIDE SOLID BLOCKING UNDER FLOOR DECK AND BETWEEN FLOOR JOISTS AT/ UNDER SUCH PLUMBING FIXTURES AS REQUIRED AND SIMILAR TO DETAIL 7/A800.

FINISH MATERIAL LEGEND

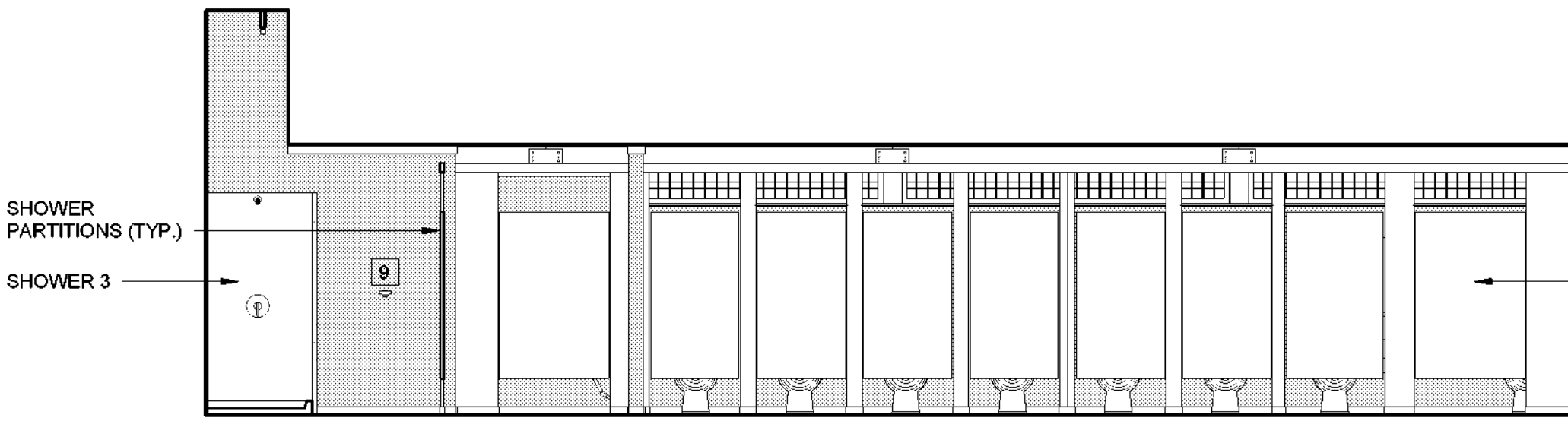
- CORRUGATED FIBERGLASS PANELING
- COMPOSITE WOOD AND FIBER REINFORCED PANEL (FRP)

FINISH LEGEND

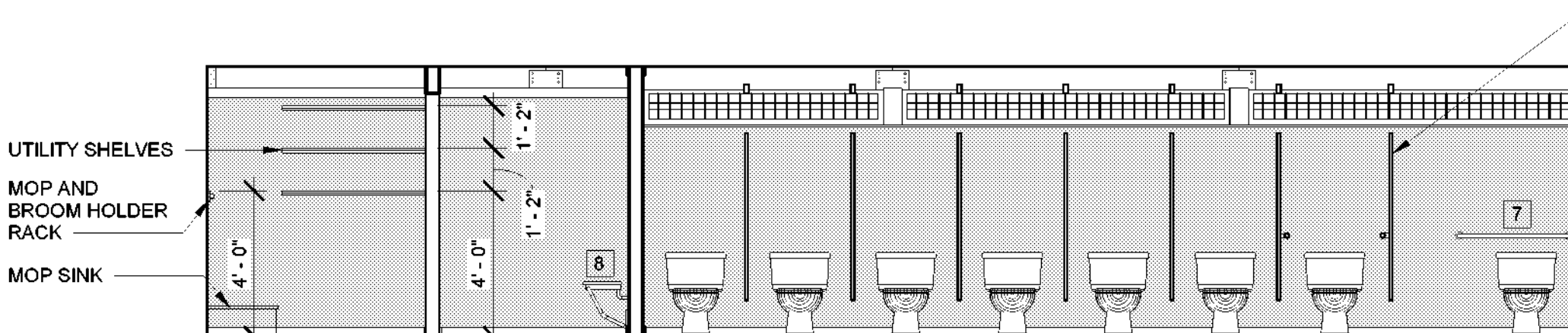
- CWD COMPOSITE WOOD DECKING
- FG FIBERGLASS
- FRP FIBER REINFORCED PANEL
- N/A NOT APPLICABLE
- PT PAINT
- PVC POLYVINYL CHLORIDE
- VRN VARNISH
- WD WOOD



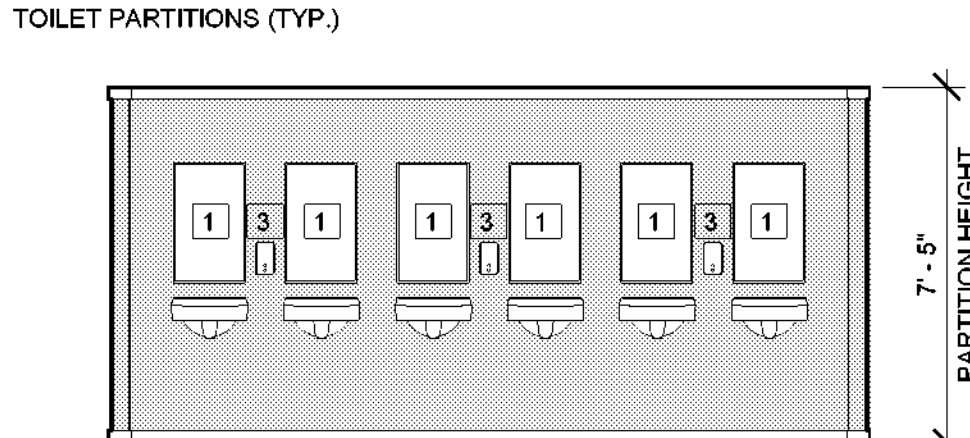
1 BATHHOUSE #231 & #322 - NORTH INT. ELEVATION
1/4" = 1'-0"



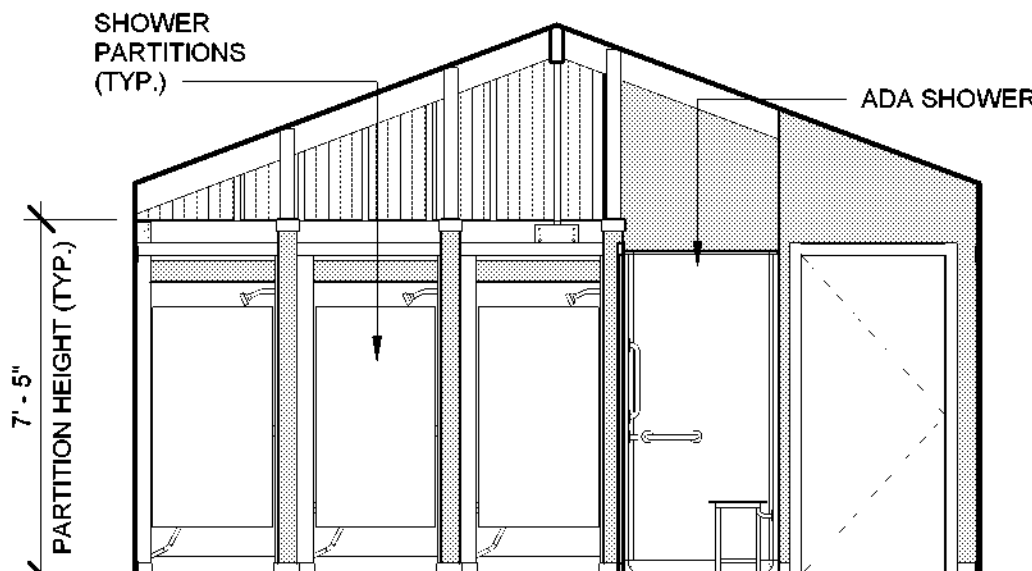
2 BATHHOUSE #231 & #322 - SOUTH INT. ELEVATION A
1/4" = 1'-0"



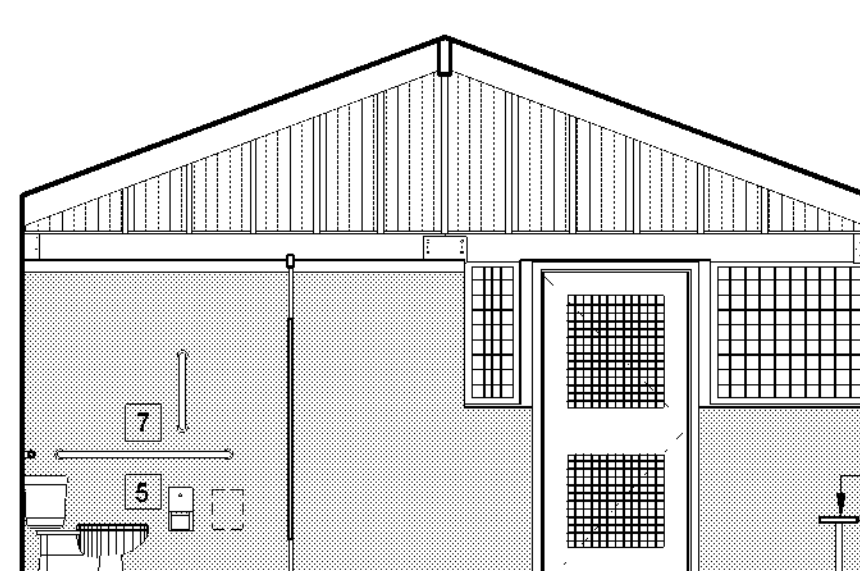
4 BATHHOUSE #231 & #322 SOUTH INT. ELEVATION B
1/4" = 1'-0"



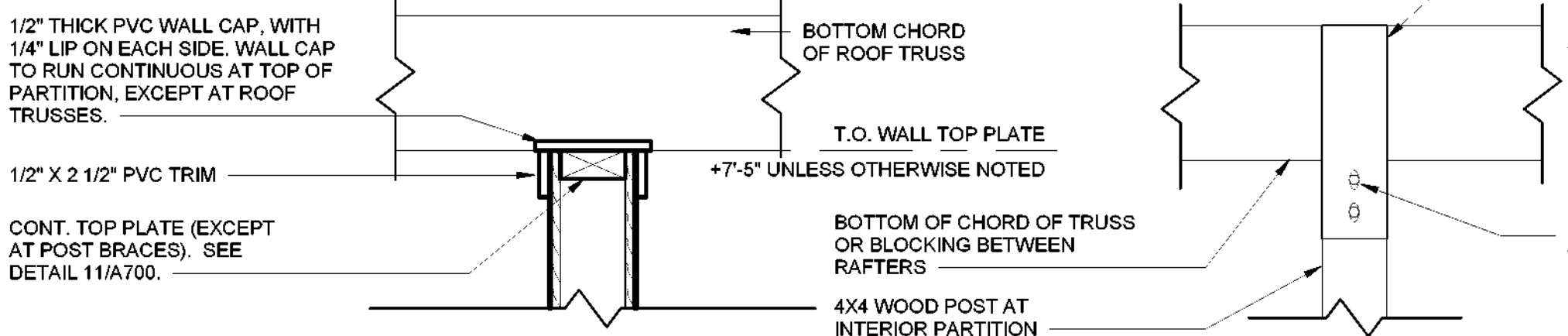
5 BATHHOUSE #231 & #322 - SOUTH INT. ELEVATION C
1/4" = 1'-0"



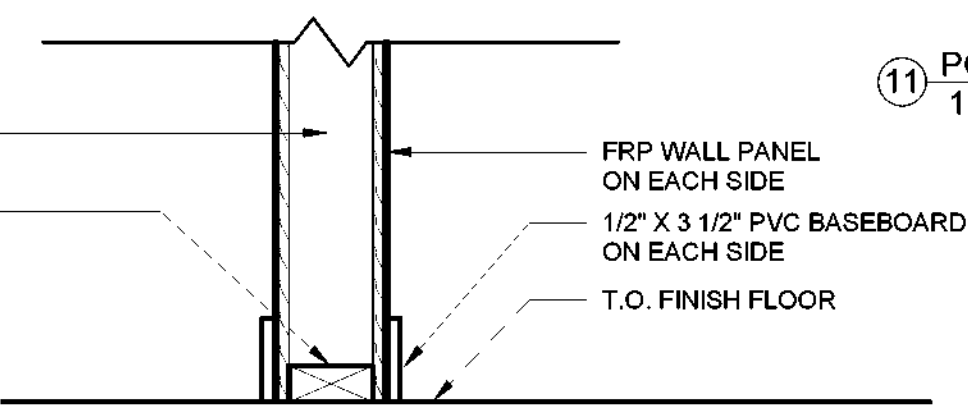
6 BATHHOUSE #231 & #322 - EAST INT. ELEVATION
1/4" = 1'-0"



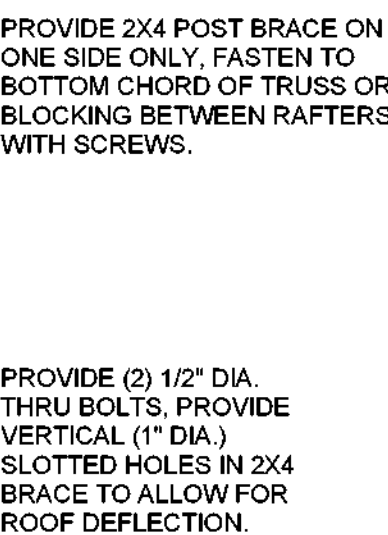
7 BATHHOUSE #231 & #322 - WEST INT. ELEVATION
1/4" = 1'-0"



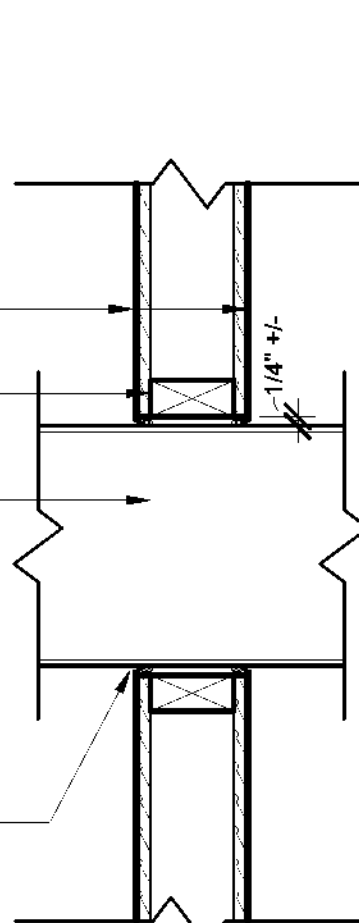
8 WALL TYPES
1 1/2" = 1'-0"



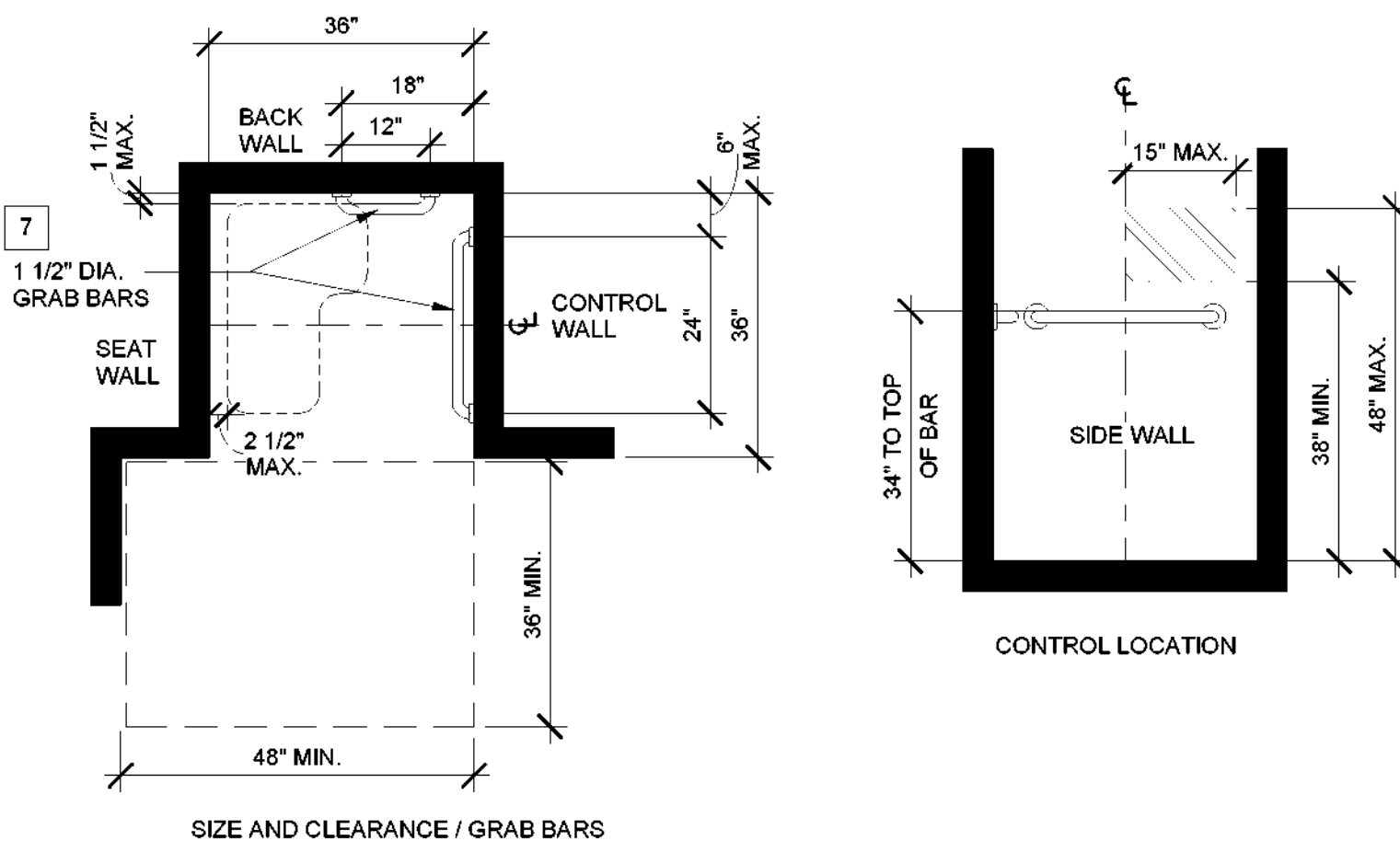
11 POST TO ROOF TRUSS DTL @ INTERIOR PARTITIONS
1 1/2" = 1'-0"



9 DUCT/ PIPE PENETRATION DETAIL
1 1/2" = 1'-0"



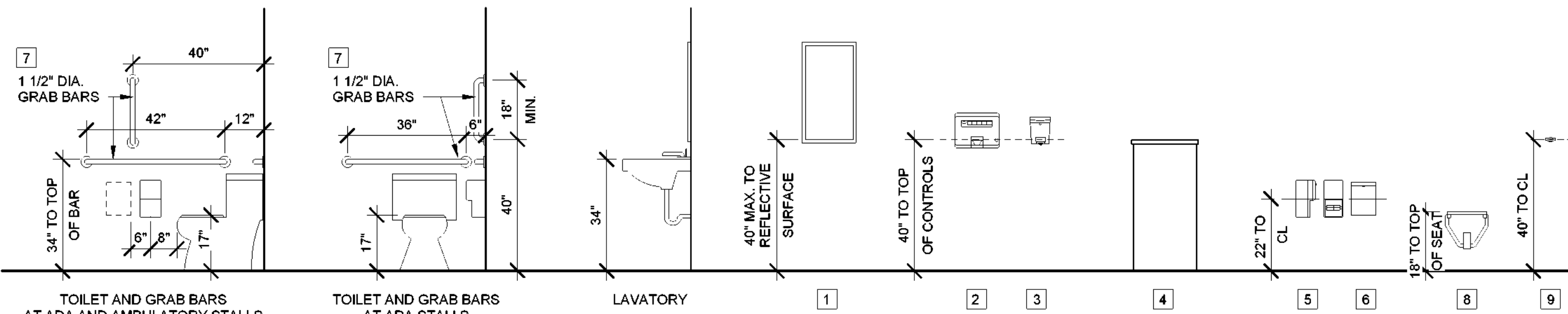
10 LOUVER SECTION DETAIL
1 1/2" = 1'-0"



Transfer Type Showers
1/2" = 1'-0"

ACCESSORIES LEGEND

- 1 MIRROR
- 2 PAPER TOWEL DISPENSER, FURNISHED BY CAMPGROUND, INSTALLED BY G.C.
- 3 SOAP DISPENSER, FURNISHED BY CAMPGROUND, INSTALLED BY G.C.
- 4 TRASH CAN, PROVIDED BY OWNER
- 5 TOILET PAPER DISPENSER
- 6 SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
- 7 GRAB BAR (REF. DIMS IN ELEVATION)
- 8 FOLD-DOWN SHOWER SEAT
- 9 ROBE HOOK



Mounting Fixtures and Accessories
3/8" = 1'-0"

REVISIONS

Rev No	Description	Date

Drawn By: KET, LLH	Seal and Signature
Design By: LLH	
Checked By: CTS	
Approved By: CTS	
Date: 3/16/23	

Sheet Title: BATHHOUSE #231 & #322 INTERIOR ELEVATIONS & FINISH SCHEDULES DIA Documents	Drawing Number: A700
Project Number: 21059.23	

5/4/2023 4:37:51 PM

Room Finish Schedule - Latrine #427									
Number	Name	Wall Material	Wall Finish	Base Material	Base Finish	Floor Material	Floor Finish	Ceiling Material	Ceiling Finish
109	GIRLS RESTROOM #427	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN
110	BOYS RESTROOM #427	FRP	N/A	PVC	N/A	CWD	N/A	WD	VRN

GENERAL NOTES:

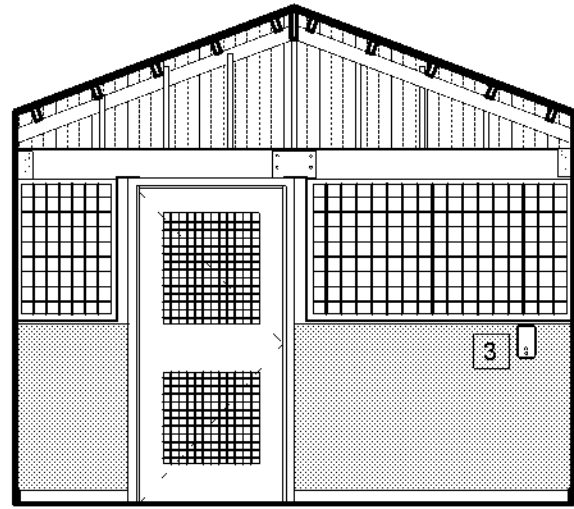
- ALL EXTERIOR SIDING AND TRIM SHALL BE SYNTHETIC (FIBER CEMENT), PRE-PRIMED AND FIELD-PAINTED, UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS SECTIONS 07 46 49 AND 09 91 01.
- SCREEN 1X TRIM SHALL BE SIZED PER DRAWINGS, AND FROM S4S CEDAR, GRADE C AND BETTER CLEAR.
- SEE SPECIFICATIONS SECTION 07 82 00 FOR SHEET METAL FLASHING AT EXTERIOR WALLS.
- SEAL ALL EXPOSED WOOD AT INTERIOR WITH SPAR MARINE VARNISH. SEE SPECIFICATIONS SECTION 09 91 23.
- SEE MECHANICAL DRAWINGS FOR DUCT/PIPE PENETRATION LOCATIONS. SEE DETAIL 9/A700 FOR WALL OPENING REQUIREMENTS.
- COORDINATE FLOOR FRAMING WITH PLUMBING CONTRACTOR AND ADJUST FLOOR FRAMING AS REQUIRED FOR TOILET, SHOWER AND MOP SINK OUTLETS, PROVIDING HEADERS THE SAME SIZE AS FLOOR JOISTS WITH STEEL JOIST HANGERS AS REQUIRED. PROVIDE SOLID BLOCKING UNDER FLOOR DECK AND BETWEEN FLOOR JOISTS AT/ UNDER SUCH PLUMBING FIXTURES AS REQUIRED AND SIMILAR TO DETAIL 7/A600.

FINISH LEGEND

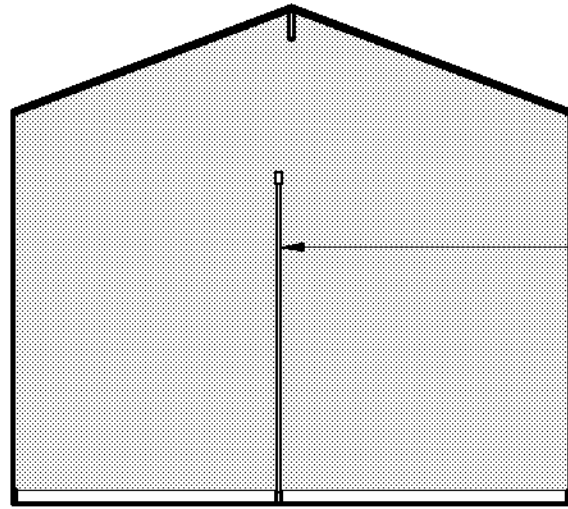
CWD	COMPOSITE WOOD DECKING
FG	FIBERGLASS
FRP	FIBER REINFORCED PANEL
N/A	NOT APPLICABLE
PT	PAINT
PVC	POLYVINYL CHLORIDE
VRN	VARNISH
WD	WOOD

FINISH MATERIAL LEGEND

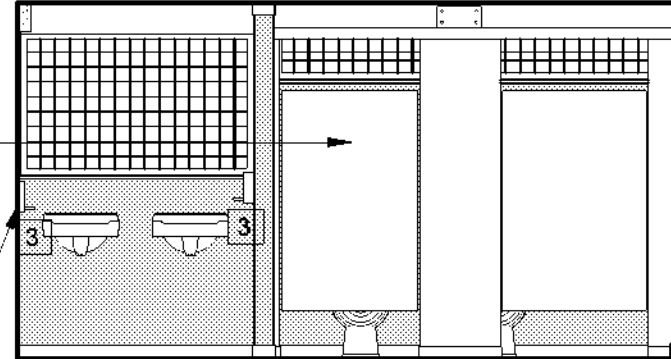
	CORRUGATED FIBERGLASS PANELING
	COMPOSITE WOOD AND FIBER REINFORCED PANEL (FRP)



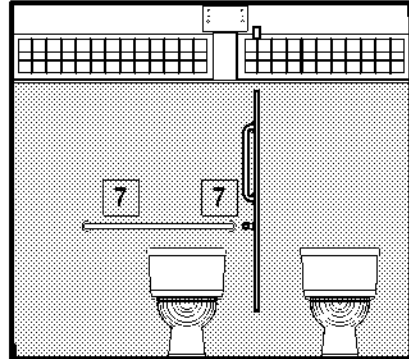
1 LATRINE #427 - NORTH INT. ELEVATION A
1/4" = 1'-0"



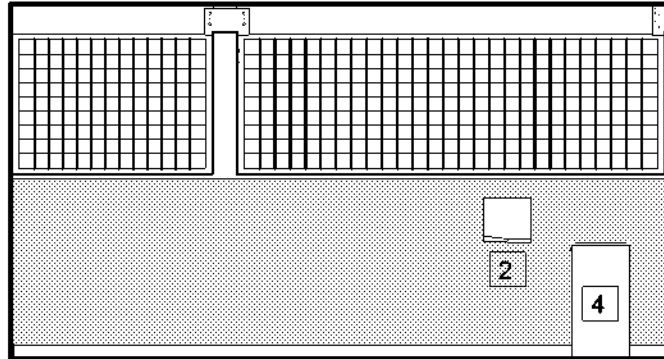
2 LATRINE #427 - SOUTH INT. ELEVATION A
1/4" = 1'-0"



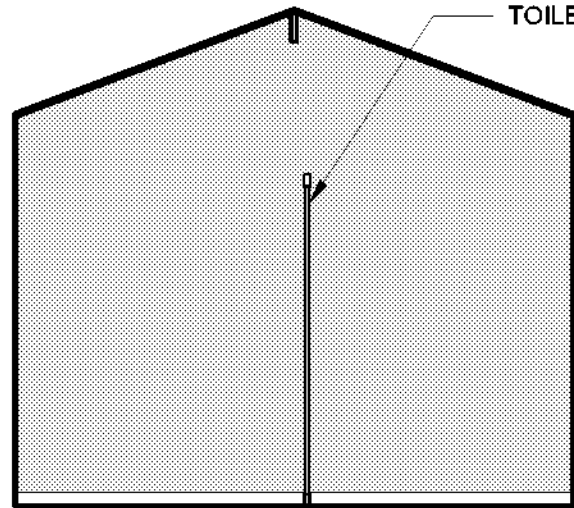
3 LATRINE #427 - EAST INT. ELEVATION A
1/4" = 1'-0"



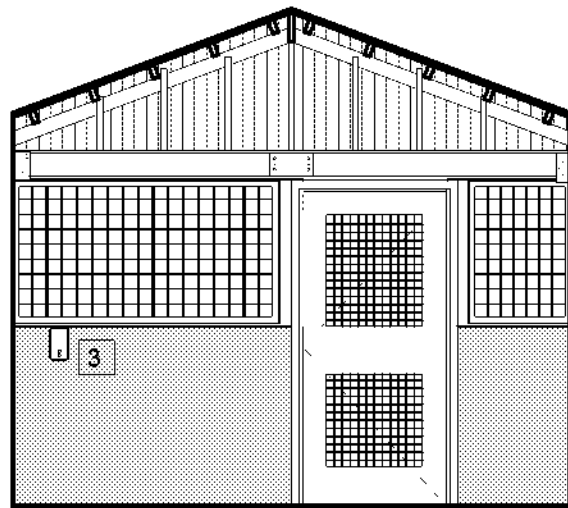
4 LATRINE #427 - EAST INT. ELEVATION A-B
1/4" = 1'-0"



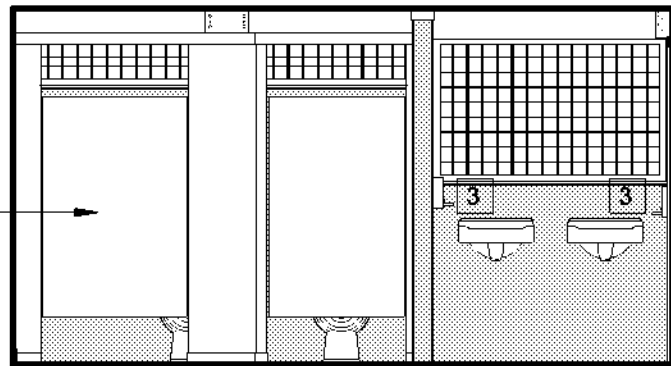
5 LATRINE #427 - WEST INT. ELEVATION A
1/4" = 1'-0"



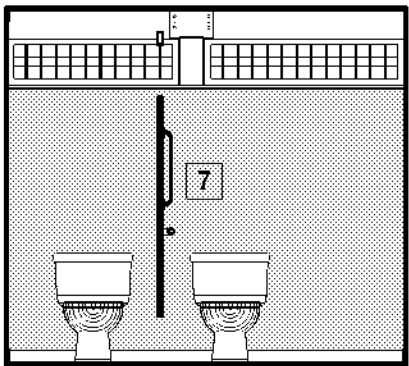
6 LATRINE #427 - NORTH INT. ELEVATION B
1/4" = 1'-0"



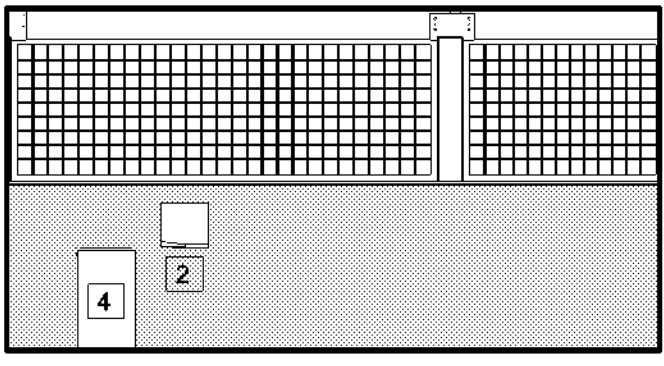
7 LATRINE #427 - SOUTH INT. ELEVATION B
1/4" = 1'-0"



8 LATRINE #427 - EAST INT. ELEVATION B
1/4" = 1'-0"



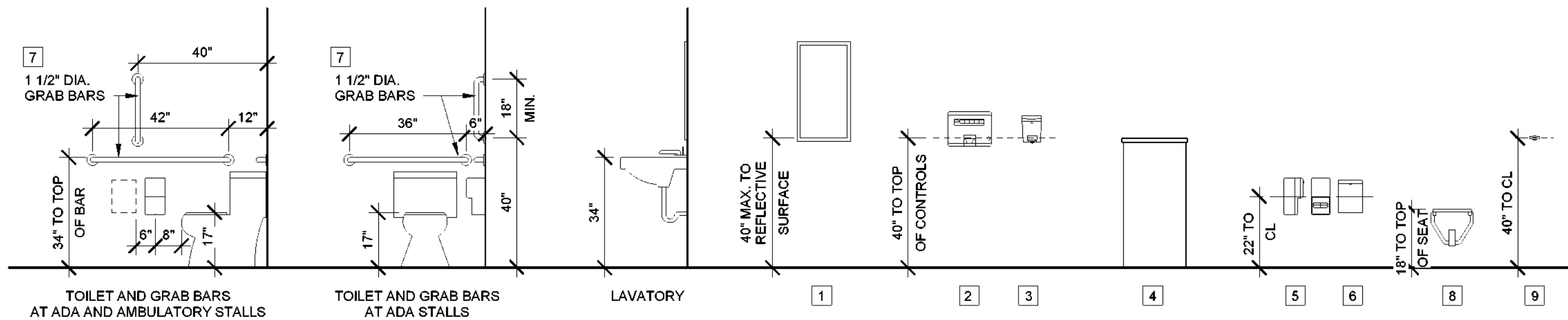
9 LATRINE #427 - EAST INT. ELEVATION B-B
1/4" = 1'-0"



10 LATRINE #427 - WEST INT. ELEVATION B
1/4" = 1'-0"

ACCESSORIES LEGEND

- | | |
|---|---|
| 1 | MIRROR |
| 2 | PAPER TOWEL DISPENSER, FURNISHED BY CAMPGROUND, INSTALLED BY G.C. |
| 3 | SOAP DISPENSER, FURNISHED BY CAMPGROUND, INSTALLED BY G.C. |
| 4 | TRASH CAN, PROVIDED BY OWNER |
| 5 | TOILET PAPER DISPENSER |
| 6 | SURFACE MOUNTED SANITARY NAPKIN DISPOSAL |
| 7 | GRAB BAR (REF. DIMS IN ELEVATION) |
| 8 | FOLD-DOWN SHOWER SEAT |
| 9 | ROBE HOOK |



Mounting Fixtures and Accessories
3/8" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS' SIGNATURE. COPYRIGHT © 2023

Architect:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects
Engineers, and Planners, P.C.

**Surveyor/ Structural/ MEP
Engineer:**

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017973
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:

CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:

HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

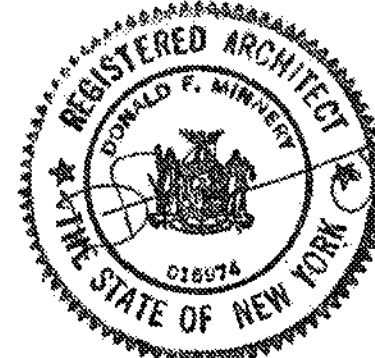
Sheet Title:

LATRINE #427
INTERIOR
ELEVATIONS

Bid Documents

Project Number:
21059.23

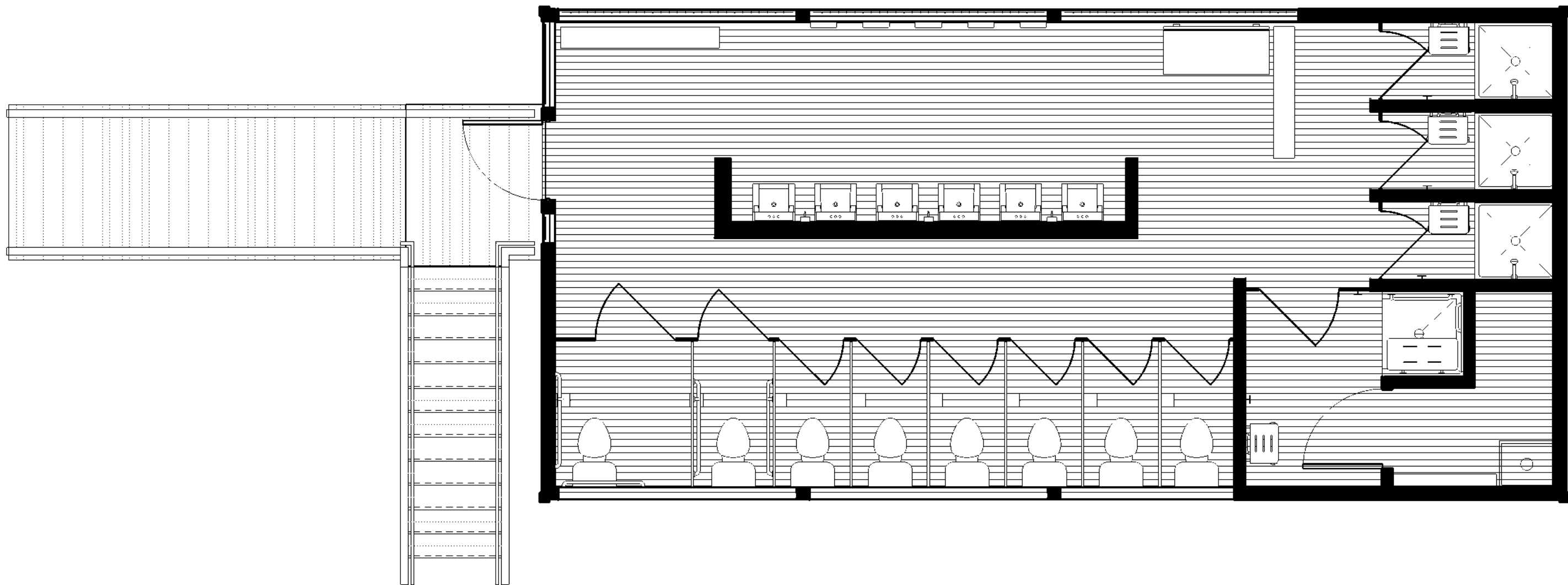
Seal and Signature



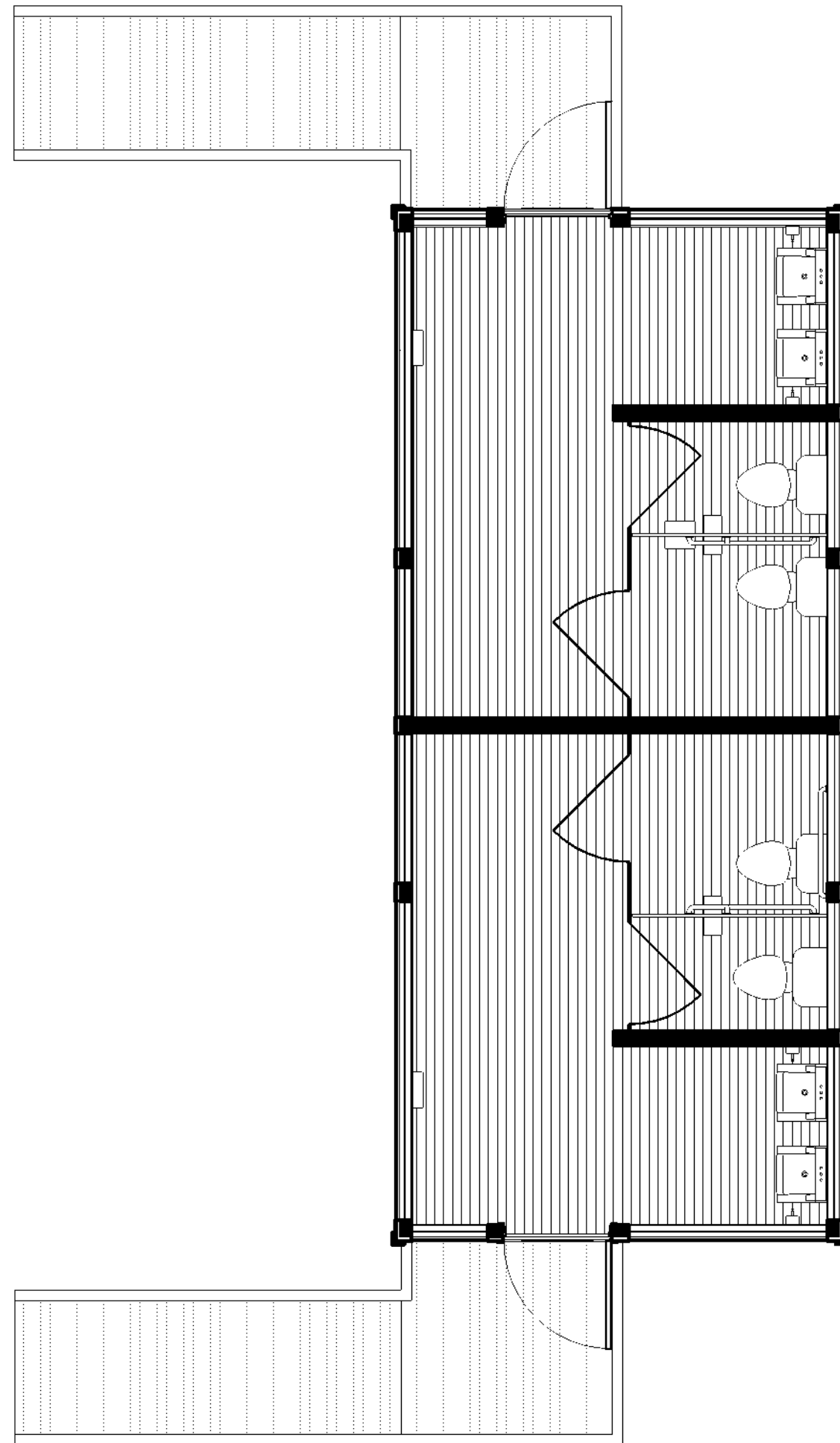
Drawing Number:

A701

5/4/2023 4:37:52 PM



1 FINISH PLAN - BATHHOUSE #231 & #322
1/4" = 1'-0"



2 FINISH PLAN - LATRINE BUILDING #427
1/4" = 1'-0"

FINISH MATERIAL LEGEND	
	COMPOSITE WOOD DECKING
	PT WOOD DECKING



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

**Surveyor/ Structural/ MEP
Engineer:**

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

KET, LLH

Design By:

LLH

Checked By:

CTS

Approved By:

CTS

Date:

3/16/23

Sheet Title:

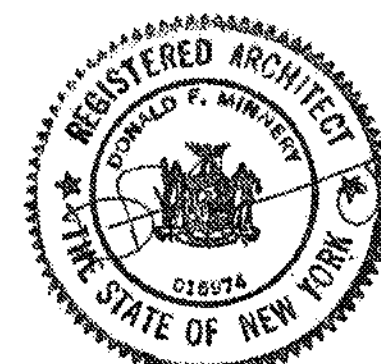
FINISH PLANS

Bid Documents

Project Number:

21059.23

Seal and Signature



Drawing Number:

A702

4/17/2023 11:21:47 AM - NOT FOR CONSTRUCTION

- GENERAL STRUCTURAL NOTES:**
1. BUILDING CODE: BUILDING CODE OF NEW YORK STATE, LATEST EDITION
 2. CONSTRUCTION LOADING: DURING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL LIMIT AND CONTROL CONSTRUCTION LOADING, INCLUDING BUT NOT LIMITED TO:
 - a. MATERIAL STOCKPILING AND EQUIPMENT TO PRECLUDE OVERSTRESSING, CONSTRUCTION LIVE LOAD IN EXCESS OF 20 PSF, OR DAMAGE TO ANY STRUCTURAL ELEMENT.
 3. COORDINATION WITH OTHER DISCIPLINES: THE CONTRACTOR SHALL COORDINATE ALL STRUCTURAL WORK WITH THE ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS AND SPECIFICATIONS.
 4. EXISTING CONDITIONS: THE INFORMATION SHOWN ON THESE DOCUMENTS IS THE BEST REPRESENTATION OF EXISTING CONDITIONS AVAILABLE TO THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND BRING TO THE ENGINEER'S AND CONSTRUCTION MANAGER'S ATTENTION ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
 5. EXISTING STRUCTURES: ALL EXISTING STRUCTURES ADJACENT TO NEW WORK ARE TO BE ADEQUATELY PROTECTED AND/OR SUPPORTED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY NEW OR EXISTING CONSTRUCTION DAMAGED WHILE WORK IS IN PROGRESS.
 6. OPENINGS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING SIZE AND LOCATION OF ALL OPENINGS IN NEW AND EXISTING CONSTRUCTION WITH THE DISCIPLINE REQUIRING THEM.


- FOUNDATION NOTES:**
1. NO GEOTECHNICAL INFORMATION WAS AVAILABLE AT THE TIME OF DESIGN. ASSUMED ALLOWABLE BEARING PRESSURE = 1,500 PSF.
 2. TAKE ALL NECESSARY PRECAUTIONS WHEN EXCAVATING OR DRILLING ADJACENT TO EXISTING STRUCTURES TO AVOID DISTURBING EXISTING FOUNDATIONS. DO NOT EXCAVATE BELOW EXISTING FOUNDATIONS. CONTACT THE ENGINEER IF EXISTING CONDITIONS DIFFER FROM THOSE SHOWN ON THE DRAWINGS.
 3. ALL EXCAVATIONS SHALL FULLY CONFORM TO LOCAL, STATE AND FEDERAL SAFETY REGULATIONS.
 4. DO NOT BACKFILL AGAINST CONCRETE ELEMENTS UNTIL PLACED CONCRETE HAS REACHED 75% OF ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH.
 5. ALLOW TESTING AGENCY TO INSPECT AND APPROVE ALL COMPACTED SUBGRADE AND FILL LAYERS PRIOR TO FURTHER BACKFILL AND/OR PLACEMENT OF CONCRETE. TESTING AND INSPECTION RESULTS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER.
 6. THE SUITABILITY AND STABILITY OF EXISTING SOILS AND FILL, THE DEPTHS AND LATERAL LIMITS OF UNSUITABLE MATERIAL TO BE REMOVED, AND ADEQUACY OF FOUNDATION BEARING GRADES SHALL BE DETERMINED BY THE PROJECT GEOTECHNICAL ENGINEER.
 7. BACKFILL AND FILL MATERIALS SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY ACCORDING TO THE MODIFIED PROCTOR TEST (ASTM D-1557). ALL EXISTING BACKFILL SHALL BE RECOMPACTED AS SUCH.
 8. EXCAVATION AND BACKFILL OPERATIONS SHALL BE MAINTAINED IN A DRY CONDITION. SURFACE AND INFILTRATING WATER SHALL BE REMOVED BY SITE GRADING AND/OR BY PUMPING FROM SUMPS AS REQUIRED.

- CONCRETE NOTES:**
1. SUBMITTALS
 - a. SUBMIT SHOP DRAWINGS FOR REINFORCING, INCLUDING ALL NECESSARY ACCESSORIES TO HOLD REINFORCING SECURELY IN PLACE, FOR REVIEW AND APPROVAL. WHERE RESUBMITTAL OF SHOP DRAWINGS IS REQUIRED, ALL REVISIONS SHALL BE CLEARLY IDENTIFIED BY CLOUDING AND REVISION TAGS.
 - b. SUBMIT FOR REVIEW ALL MATERIALS AND METHODS FOR CONCRETE CURING.
 2. PROVIDE THE FOLLOWING MINIMUM CONCRETE CLEAR COVER FOR REINFORCING STEEL, UNLESS OTHERWISE NOTED:
 - a. CONCRETE PLACED AGAINST EARTH: 3.0 IN.
 - b. FORMED SURFACES IN CONTACT WITH EARTH OR EXPOSED TO WEATHER
 - #6 THROUGH #18 BARS: 2.0 IN.
 - #5 BARS AND SMALLER: 1.5 IN.
 - c. FORMED SURFACES NOT IN CONTACT WITH EARTH OR EXPOSED TO WEATHER
 - #14 AND #18 BARS: 1.5 IN.
 - #11 BARS AND SMALLER: 1.0 IN.
 3. ALL CONCRETE WORK, CONSTRUCTION, AND REINFORCING DETAILS SHALL CONFORM TO THE "BUILDING CODE OF NEW YORK STATE, LATEST EDITION".
 4. ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 318.
 5. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60.
 6. ALL REINFORCING SHALL BE LAPPED OR EMBEDDED IN ACCORDANCE WITH ACI 318, UNLESS OTHERWISE NOTED.
 7. PROVIDE CORNER BARS TO MATCH ALL HORIZONTAL REINFORCING AT CORNERS OR INTERSECTIONS.
 8. CHAMFER EXTERIOR CORNERS AND EDGES OF PERMANENTLY EXPOSED CONCRETE.
 9. PRIOR TO PLACEMENT OF CONCRETE, A FIELD REPRESENTATIVE SHALL BE INFORMED A MINIMUM OF 24 HOURS IN ADVANCE OF PLACEMENT, TO ALLOW INSPECTION OF REINFORCING STEEL, AND PREPARATION FOR TAKING CONCRETE SAMPLES. INDEPENDENT TESTS ARE REQUIRED FOR ALL CONCRETE PLACEMENTS.
 10. INSTALLATION OF REINFORCEMENT SHALL BE COMPLETED AT LEAST 24 HOURS PRIOR TO THE SCHEDULED CONCRETE PLACEMENT.
 11. W.W.R. SHALL CONFORM TO ASTM A1064 AND SHALL BE FABRICATED INTO FLAT SHEETS.
 12. CHEMICAL ADHESIVE: HILTI HIT-HY 200, SIMPSON SET EPOXY, OR DEWALT AC100+ GOLD.
 13. GROUT: NON-METALLIC/NON-SHRINK STRUCTURAL GROUT. FIVE STAR GROUT OR APPROVED EQUAL.
 14. SYNTHETIC MICRO-FIBER: FIBRILLATED POLYPROPYLENE MICRO-FIBERS ENGINEERED AND DESIGNED FOR USE IN CONCRETE, COMPLYING WITH ASTM C 1116/C 1116M, TYPE II.
 15. PROTECT CONCRETE FROM PREMATURE DRYING IMMEDIATELY AFTER PLACEMENT. CURING OF CONCRETE SLABS MUST START WITHIN 2 HOURS AFTER FINISHING OPERATIONS ARE COMPLETE. SLABS-ON-GRADE SHALL BE WET CURED FOR 7 DAYS. CURING COMPOUNDS ARE PROHIBITED.
 16. SLABS-ON-GRADE SHALL HAVE CONTROL JOINTS AS SHOWN ON PLANS. SAW CUT JOINTS SHALL BE MADE WITHIN 12 HOURS OF PLACING SLAB. AFTER CONCRETE IS CURED AND READY FOR PLACEMENT OF FLOOR FINISH, ALL SLABS INSIDE THE BUILDING SHALL HAVE CONTROL JOINTS FILLED WITH APPROVED JOINT FILLER.
 17. CONCRETE SHALL BE CONTROLLED, PROPORTIONED, MIXED AND PLACED IN THE PRESENCE OF A REPRESENTATIVE OF AN APPROVED TESTING AGENCY.
 18. CONDUIT OR PIPES SHALL BE PLACED UNDER SLABS-ON-GRADE.
 19. ALUMINUM CONDUITS OR PIPES SHALL NOT BE PLACED IN CONCRETE.
 20. AIR-ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C260 AND WATER-REDUCING ADMIXTURES SHALL CONFORM TO ASTM C494

- WOOD FRAMING NOTES:**
1. SUBMITTALS
 - a. CONTRACTOR SHALL PROVIDE ALL CONNECTION DETAILS FOR REVIEW PRIOR TO CONSTRUCTION. CONTRACTOR SHALL SUBMIT ENGINEERING DATA FOR ALL CONNECTORS AND CONNECTIONS NOT SHOWN ON THE DRAWINGS.
 - b. SUBMIT DESIGN CALCULATIONS AND SHOP DRAWINGS FOR ALL ENGINEERED TRUSSES AND TRUSS CONNECTORS, PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK, TO THE ENGINEER OF RECORD FOR REVIEW BEFORE CONSTRUCTION.
 2. WOOD CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL FOREST PRODUCTS ASSOCIATION'S (NFPA) NATIONAL DESIGN SPECIFICATIONS (NDS) AND CHAPTER 23 OF THE BUILDING CODE OF NYS, LATEST EDITION.
 3. MINIMUM DESIGN VALUES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
 4. WOOD IN CONTACT WITH MASONRY, CONCRETE OR EARTH, OR WITHIN 1'-0" OF GRADE OR EXPOSED TO THE EXTERIOR SHALL BE PRESSURE PRESERVATIVE TREATED.
 5. FRAMING ANCHORS AND MISCELLANEOUS METAL DEVICES FOR ALL FRAMING SHALL BE GALVANIZED STEEL OF AT LEAST 16 GAGE THICKNESS (G90 FOR INTERIOR APPLICATION, G185 OR STAINLESS STEEL FOR EXTERIOR). INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. USE FASTENERS AND FASTENING METHODS RECOMMENDED BY THE MANUFACTURER. EXTERIOR EXPOSED ANCHORS AND ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD TO BE STAINLESS OR GALVANIZED (G185).
 6. BUILT-UP FRAMING MEMBERS SHALL BE FASTENED IN ACCORDANCE WITH NDS STANDARDS UNLESS OTHERWISE NOTED.
 7. NOTCHES, COPEs, AND HOLES IN WOOD MEMBERS ARE NOT PERMITTED UNLESS SPECIFICALLY DETAILED. NOTCHES, COPEs, AND HOLES IN PRE-ENGINEERED MEMBERS SHALL BE IN ACCORDANCE AND APPROVED BY THE MANUFACTURER.
 8. ROOF TRUSSES, INCLUDING DESIGN, FRAMING CONNECTORS, BRACING ERECTION AND QUALITY SHALL CONFORM TO THE SPECIFICATIONS AND RECOMMENDATIONS OF NPFA AND THE TRUSS PLATE INSTITUTE (TPI).
 9. SHEATHING SHALL BE RATED AS FOLLOWS (CHECK THAT IT MEETS DESIGN LOADS)
 - a. WALL: APA RATED 24" O.C. EXPOSURE I (7/16" MIN. THICKNESS)
 - b. FLOOR: APA RATED 24/16, EXPOSURE I (3/4" MIN. THICKNESS)
 - c. ROOF: APA RATED 48/24, EXPOSURE I (5/8" MIN. THICKNESS)
 10. SHEATHING SHALL BE CONTINUOUS OVER TWO OR MORE SUPPORTS. FLOOR AND ROOF SHEATHING SHALL BE ORIENTED WITH THE STRENGTH AXIS PERPENDICULAR TO THE SUPPORTS. WALL SHEATHING CAN BE ORIENTED PERPENDICULAR OR PARALLEL.
 11. WALL SHEATHING SHALL HAVE 2X BLOCKING OR FRAMING MEMBERS BEHIND ALL PANEL EDGES.
 12. UNLESS NOTED OTHERWISE, THE MINIMUM FASTENING FOR SHEATHING SHALL BE AS FOLLOWS:
 - a. WALL: 8d COMMON NAILS @ 6" O.C. (EDGE) & 12" O.C. (FIELD)
 - b. FLOOR: GLUED AND 10d COMMON NAILS @ 6" O.C. (PANEL EDGES) AND 12" O.C. (FIELD)
 - c. ROOF: 10d COMMON NAILS @ 6" O.C. (PANEL EDGES) AND 12" O.C. (FIELD)
 - d. GWB: #6 - 1 1/4" SCREWS AT 8" (EDGE) AND 12" (FIELD).
 13. WOOD CONNECTORS: SIMPSON STRONG-TIE CONNECTORS USED AS BASIS OF DESIGN. USP STRUCTURAL CONNECTORS OF EQUAL STRENGTH ARE ACCEPTABLE.
 14. BOLTS THROUGH WOOD MEMBERS SHALL BE ASTM A307.

STRUCTURAL DESIGN TABLE - IBC 2018 (IN ACCORDANCE WITH APPLICABLE BUILDING CODE)			
BUILDING DATA:			
LOCATION	HARRIMAN STATE PARK		
BUILDING OCCUPANCY RISK CATEGORY	II		IBC 2018 TABLE 1604.5
APPLICABLE BUILDING CODE	2020 NYS BUILDING CODE		
FLOOR LIVE LOAD:			
TOILET ROOMS	LL1	60 PSF	ASCE 7-16 TABLE C4.3-1
SNOW LOAD:			
SNOW LOAD IMPORTANCE FACTOR	Is	1.00	ASCE 7-16 TABLE 1.5-2
GROUND SNOW LOAD	Pg	31.6 PSF	IBC 2018 FIGURE 1608.2
SNOW EXPOSURE FACTOR	Ce	1.0	ASCE 7-16 TABLE 7.3-1
THERMAL FACTOR	Ct	1.2	ASCE 7-16 TABLE 7.3-2
FLAT ROOF SNOW	Pf	26.5 PSF	ASCE 7-16 SECTION 7.3
WIND LOAD (COMPONENTS & CLADDING):			
ULTIMATE DESIGN WIND SPEED (3-SECOND GUST)	Vult	112 mph	ASCE 7-16 SECTION 26.5
NOMINAL DESIGN WIND SPEED (3-SECOND GUST)	Vasd	87 mph	IBC 2018 SECTION 1609.3.1
EXPOSURE CATEGORY	B		ASCE 7-16 SECTION 26.7
INTERNAL PRESSURE COEFFICIENT	Gcpi	+0.18/-0.18	ASCE 7-16 SECTION 26.13
EARTHQUAKE LOAD:			
SOIL SITE CLASSIFICATION	D		ASCE 7-16 SECTION 20.3
SPECTRAL RESPONSE ACCELERATION AT 0.2 SEC	Ss	0.278g	ASCE 7-16 FIGURE 22-1
SPECTRAL RESPONSE ACCELERATION AT 1.0 SEC	S1	0.06g	ASCE 7-16 SECTION 11.4.2
SEISMIC IMPORTANCE FACTOR	Ie	1.00	ASCE 7-16 TABLE 1.5-2
DESIGN SPECTRAL RESPONSE COEFFICIENT	SDS	0.292g	ASCE 7-16 SECTION 11.4.5
DESIGN SPECTRAL RESPONSE COEFFICIENT	SD1	0.090g	ASCE 7-16 SECTION 11.4.5
SEISMIC DESIGN CATEGORY	B		ASCE 7-16 TABLE 11.6-(1&2)

EARTH-WORK - REQUIREMENTS FOR SPECIAL INSPECTION & TESTING			
AREAS OF INSPECTION & TESTING	FREQUENCY OF INSPECTION OR TESTING	REFERENCE STANDARD	IBC REFERENCE
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	PERIODIC	-	1705.6
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	PERIODIC		
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	PERIODIC		
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	CONTINUOUS		
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	PERIODIC		
CAST-IN-PLACE CONCRETE - REQUIREMENTS FOR SPECIAL INSPECTION & TESTING			
AREAS OF INSPECTION & TESTING	FREQUENCY OF INSPECTION OR TESTING	REFERENCE STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	PERIODIC	ACI 318 CH. 20, 25.2, 25.3, 26.6.1 - 26.6.3	1908.4
2. INSPECT ANCHORS CAST IN CONCRETE	PERIODIC	ACI 318: 17.8.2	-
3. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. ^a <ol style="list-style-type: none">a. ADHESIVE ANCHORS: INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADSb. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	CONTINUOUS	ACI 318: 17.8.2.4	-
4. VERIFY USE OF REQUIRED DESIGN MIX.	PERIODIC	ACI 318 CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
5. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	CONTINUOUS	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1908.10
6. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONTINUOUS	ACI 318: 26.5	1906.6, 1908.7, 1908.8
7. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	PERIODIC	ACI 318: 26.5.3 - 26.5.5	1908.9
8. VERIFY IN-SITU CONCRETE STRENGTH PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	PERIODIC	ACI 318: 26.11.2	-
9. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC	ACI 318: 26.11.2 (b)	-
^a WHERE APPLICABLE, SEE SECTION 1705.12 SPECIAL INSPECTION FOR BRACING RESISTANCE. ^b SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE DESIGN REPORT FOR THE ANCHOR. ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318. OR OTHER QUALIFICATION CRITERIA WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED. SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.			



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866



SARATOGA
ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 018261
Land Surveying: 017978
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:
MCRB


Design By:
MCM

Checked By:
MCM

Approved By:
MCM

Date:
3/16/23

Seal and Signature



EXPIRATION DATE: 10/31/2025

Sheet Title:

GENERAL NOTES

Bid Documents

Project Number:
2222163.05

Drawing Number:

S001

Sheet:

4/17/2023 11:21:50 AM - NOT FOR CONSTRUCTION

FOOTING SCHEDULE						
MARK	FOOTING DIMENSIONS			FOOTING REINFORCEMENT		COMMENTS
	LENGTH	WIDTH	THICKNESS	BOTTOM REINFORCEMENT LONGITUDINAL REINF.	TRANSVERSE REINF.	
F1	2'-0"	2'-0"	10"	(3) #4	(3) #4	NA
F2	2'-6"	2'-6"	10"	(3) #4	(3) #4	NA

PIER SCHEDULE			
MARK	PIER DIMENSIONS DIAMETER	PIER REINFORCEMENT	
		VERTICAL	TIES
P1	1'-0"	(4) #5	#3 @ 10" O.C.
P2	1'-6"	(6) #6	#3 @ 10" O.C.

FOUNDATION LEGEND

1.

P#	F#
1-#	2-#

P# - INDICATES PIER TYPE (SEE PIER SCHEDULE)
F# - INDICATES COLUMN FOOTING TYPE (SEE FOOTING SCHEDULE)
[1-# - 2-#] - BELOW COLUMN FOOTING TYPE INDICATES BOTTOM OF FOOTING ELEVATION WITH RESPECT TO DATUM ELEVATION = 0' - 0"
[1-# - 2-#] - BELOW PIER TYPE INDICATES TOP OF PIER ELEVATION WITH RESPECT TO DATUM ELEVATION = 0' - 0"

2. W#

- INDICATES WALL TYPE (SEE FOUNDATION WALL &/OR WALL SCHEDULE)

3. WF#

WF# - INDICATES WALL FOOTING TYPE (SEE WALL FOOTING SCHEDULE)
#-# - BOTTOM OF FOOTING ELEV. FOR WALL FOOTING
W/ RESPECT TO DATUM ELEVATION = 0' - 0"

4. #-#

- BOTTOM OF FOOTING ELEV. FOR WALL FOOTING
W/ RESPECT TO DATUM ELEVATION = 0' - 0"

5. [##-##]

TOP OF WALL ELEVATION

2 FOUNDATION PLAN - BATH HOUSE #322
1/4" = 1'-0"
DATUM ELEVATION OF 0'-0" IS EQUAL TO SITE/SURVEY ELEVATION OF 1091.0 FEET

1 FOUNDATION PLAN - BATH HOUSE #231
1/4" = 1'-0"
DATUM ELEVATION OF 0'-0" IS EQUAL TO SITE/SURVEY ELEVATION OF 1088.4 FEET

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850

Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017703
Geological: 018750

SARATOGA ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

LaBella

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

Rev No	Description	Date

Drawn By:
MCRB

Design By:
MCM

Checked By:
MCM

Approved By:
MCM

Date:
3/16/23

Sheet Title:
FOUNDATION
PLANS -
BATHHOUSE
#231 & #322

Bid Documents

Project Number:
2222163.05

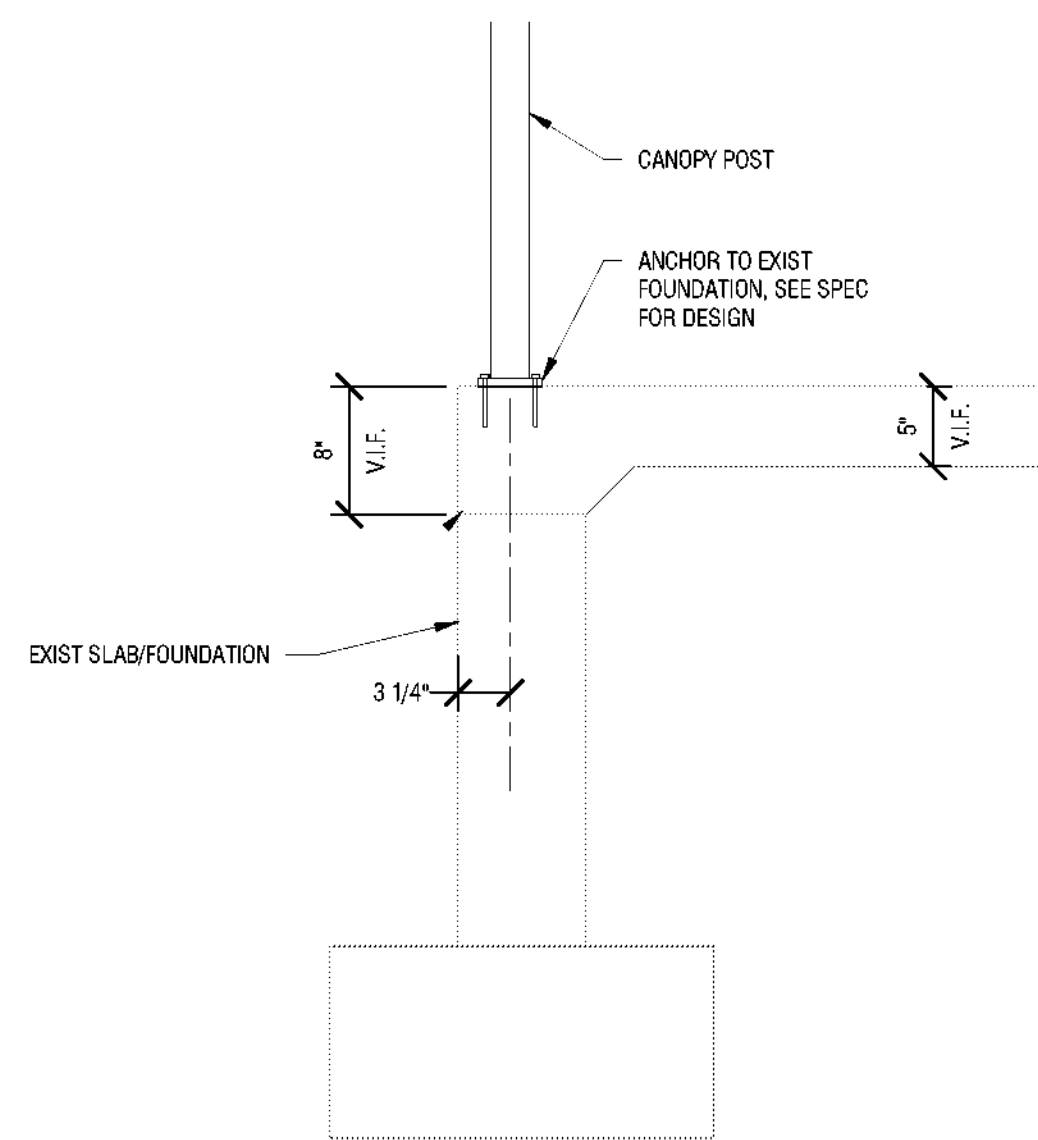
Seal and Signature

Expiration Date: 10/31/2025

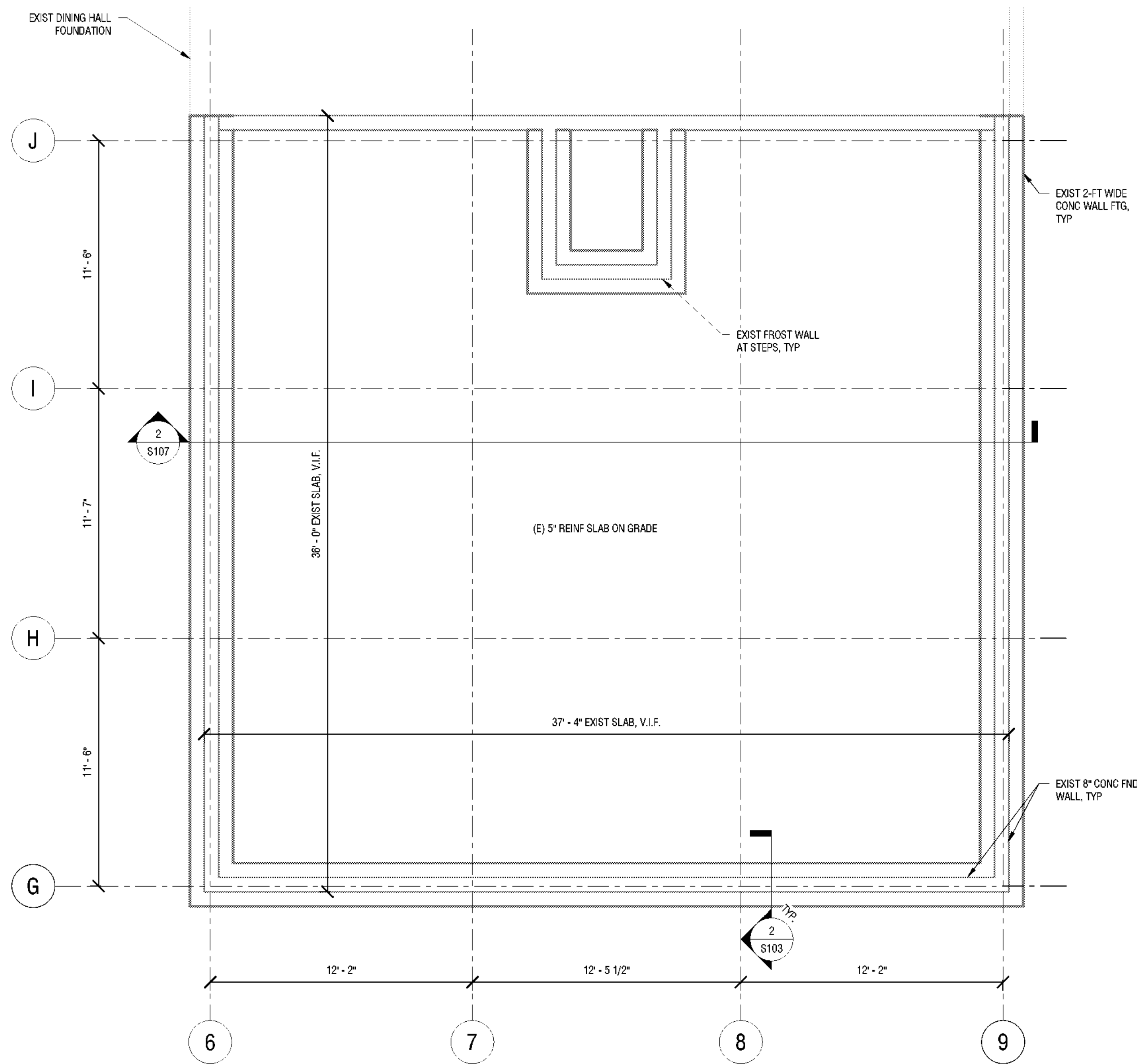
Drawing Number:
S101

Sheet:

4/17/2023 11:21:52 AM - NOT FOR CONSTRUCTION



2
S103
CANOPY POST BASE DETAIL
1" = 1'-0"



1
S103
FOUNDATION PLAN - DINING HALL #404 CANOPY
1/4" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

**SARATOGA
ASSOCIATES**
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017903
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:
MCRB
Design By:
MCM
Checked By:
MCM
Approved By:
MCM
Date:
3/16/23

Seal and Signature



EXPIRATION DATE: 10/31/2025

Sheet Title:
FOUNDATION
PLAN - DINING
HALL #404
CANOPY

Drawing Number:

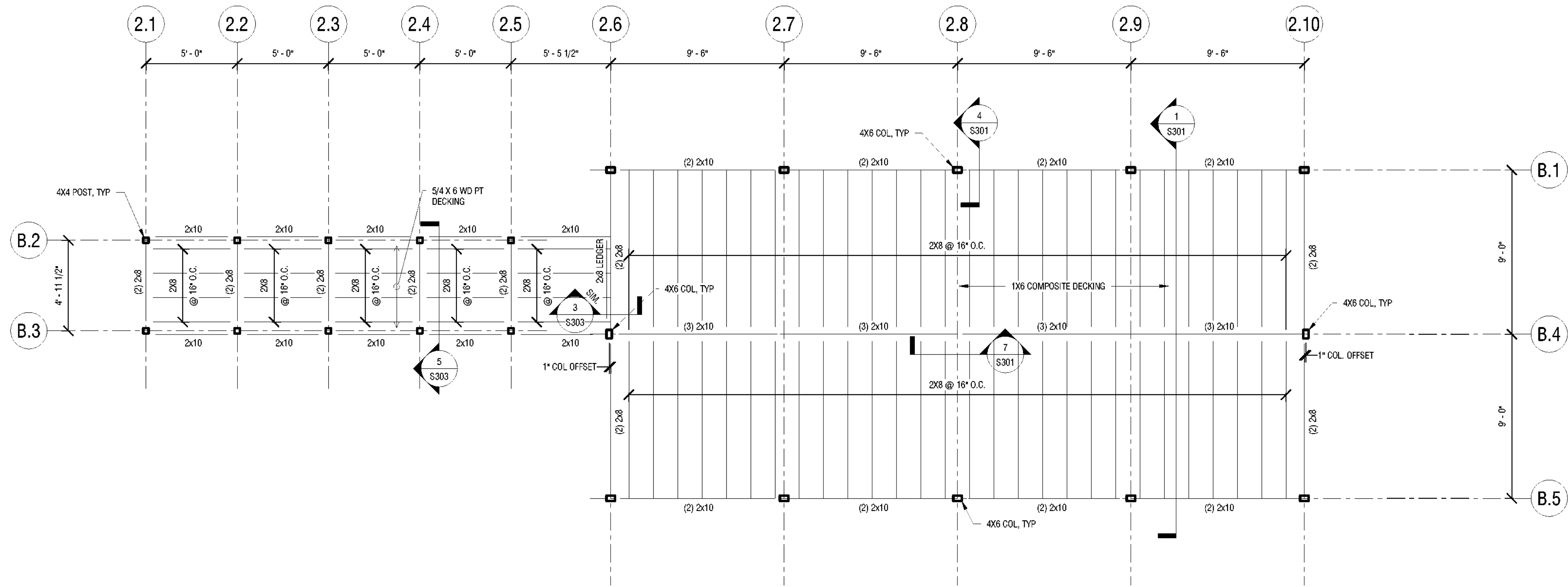
S103

Bid Documents

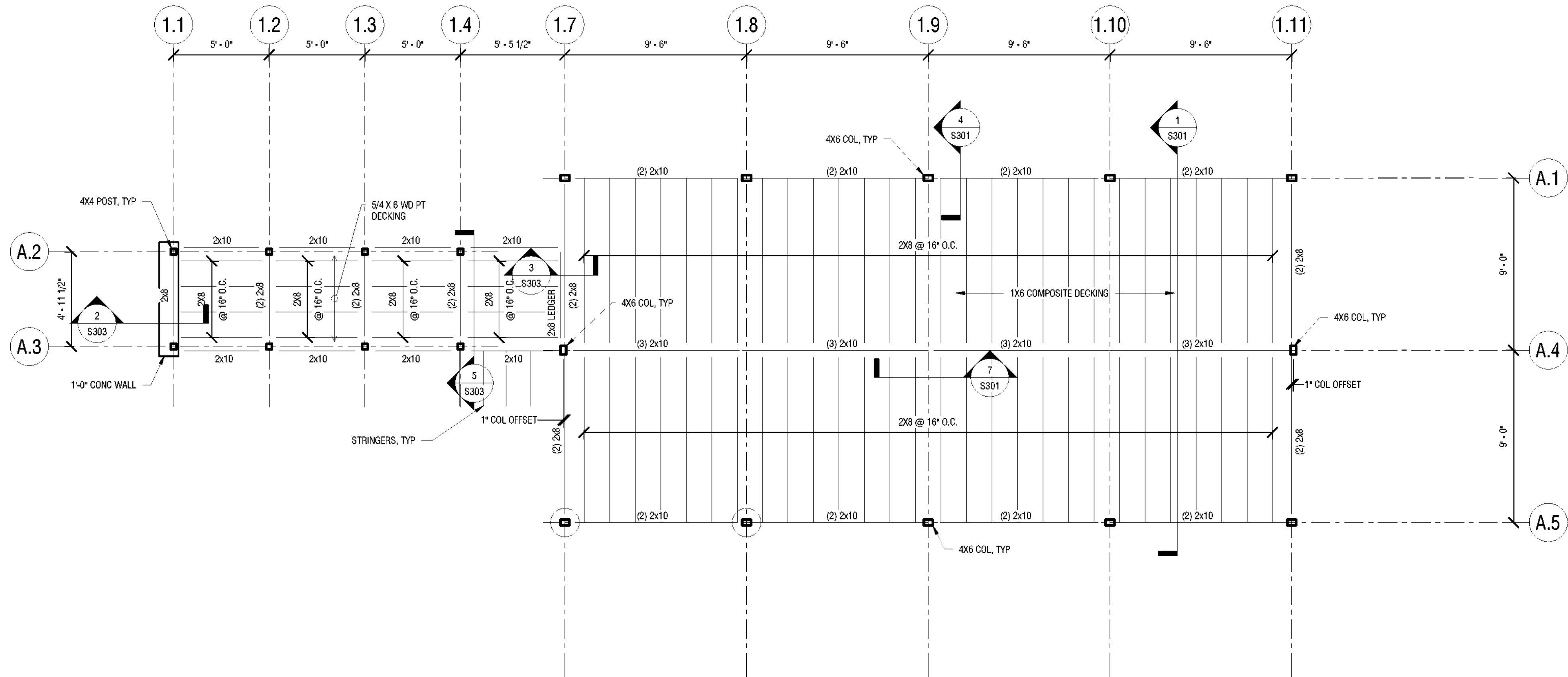
Project Number:
2222163.05

Sheet:

4/17/2023 11:21:53 AM - NOT FOR CONSTRUCTION



2 FLOOR FRAMING PLAN - BATHHOUSE #322
S104 1/4" = 1'-0"



1 FLOOR FRAMING PLAN - BATHHOUSE #231
S104 1/4" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS' SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:

LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

MCRB

Design By:

MCM

Checked By:

MCM

Approved By:

MCM

Date:

3/16/23

Sheet Title:

FLOOR
FRAMING PLANS
- BATHHOUSE
#231 & #322

Bid Documents

Project Number:

2222163.05

Seal and Signature



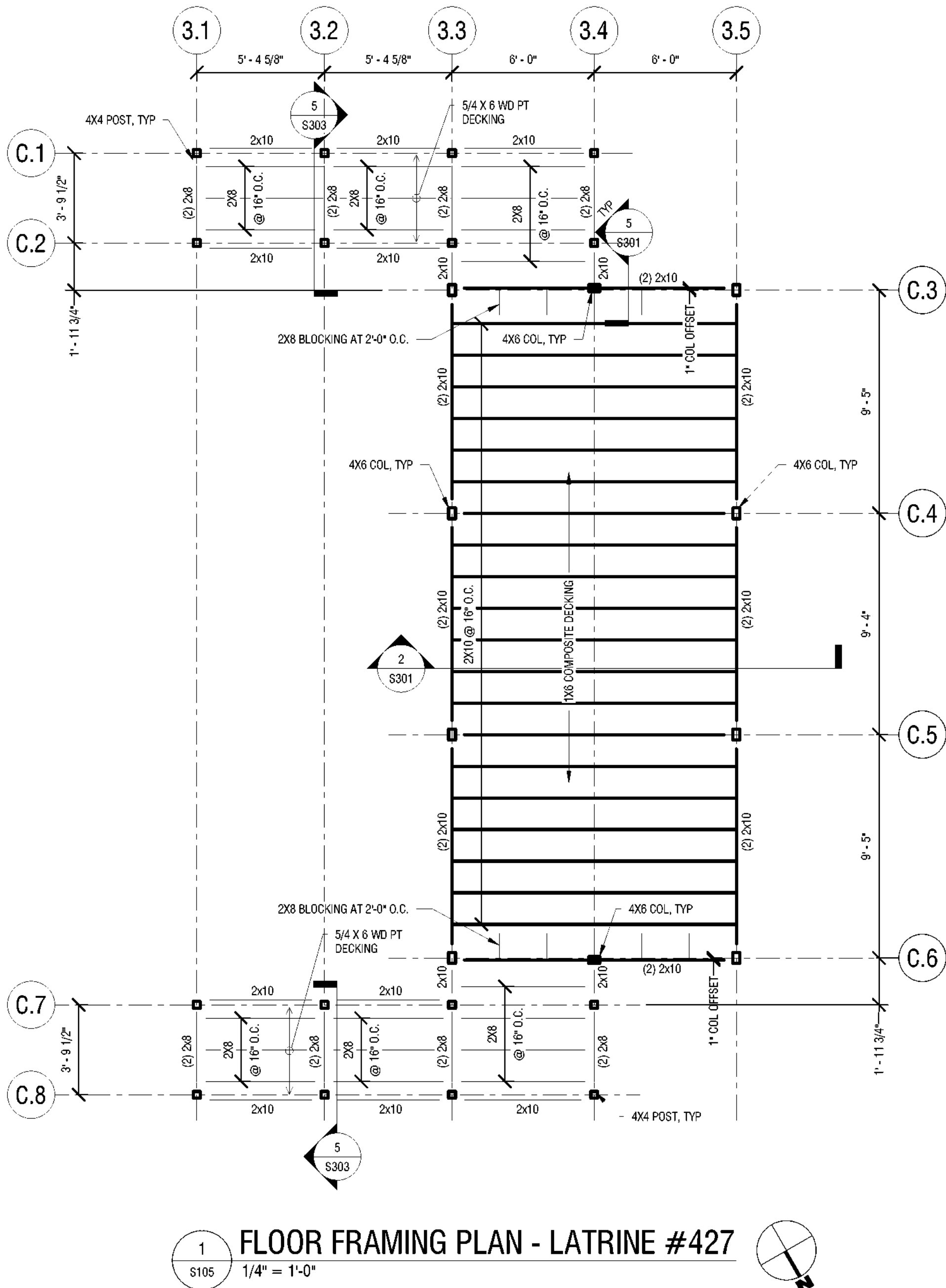
EXPIRATION DATE: 10/31/2025

Drawing Number:

S104

Sheet:

4/17/2023 11:21:54 AM - NOT FOR CONSTRUCTION



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

**SARATOGA
ASSOCIATES**
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:
MCRB
Design By:
MCM
Checked By:
MCM
Approved By:
MCM
Date:
3/16/23

Seal and Signature



EXPIRATION DATE: 10/31/2025

Sheet Title:
FLOOR
FRAMING PLAN -
LATRINE #427

Drawing Number:

S105

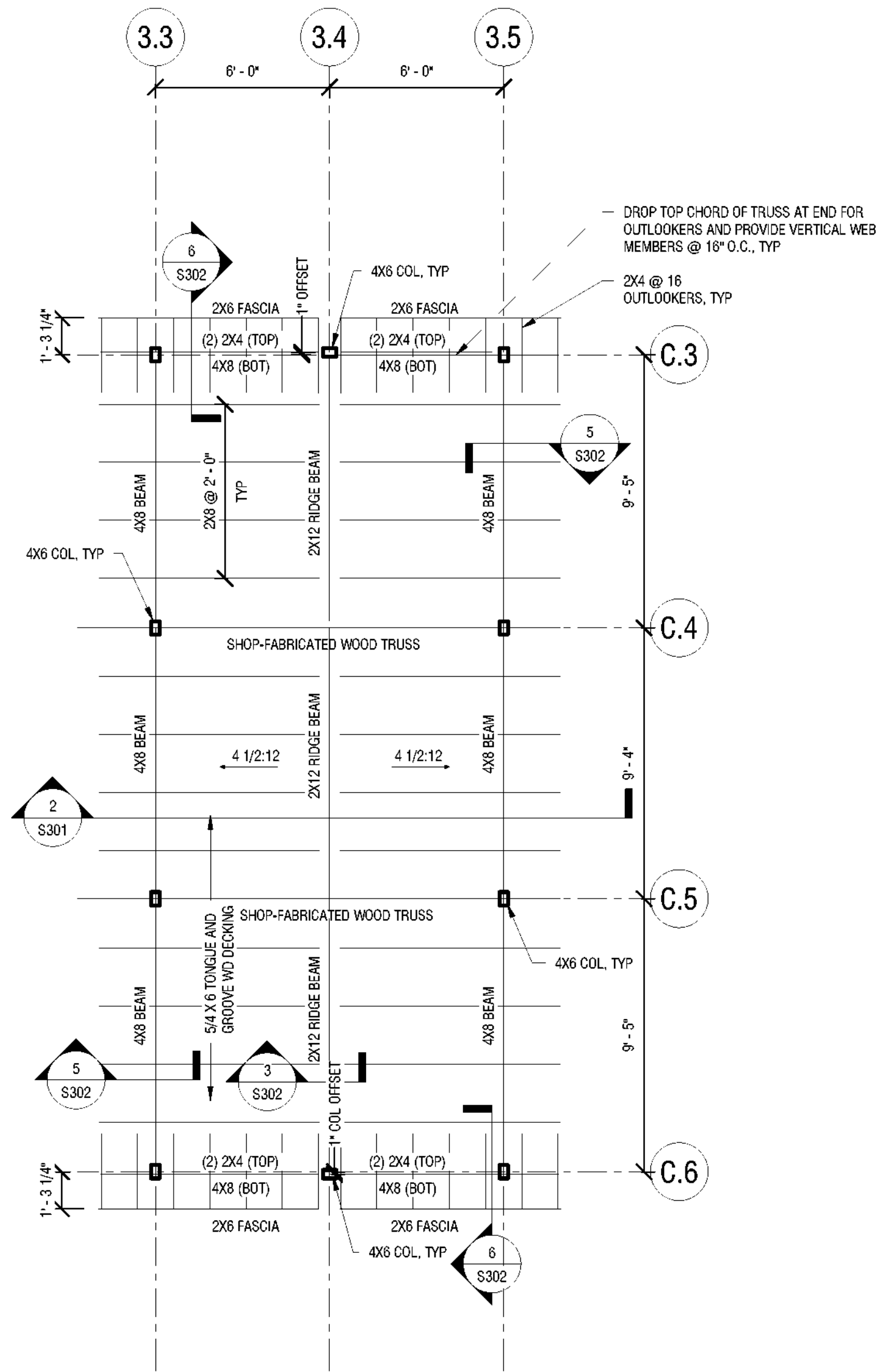
Bid Documents

Project Number:
2222163.05

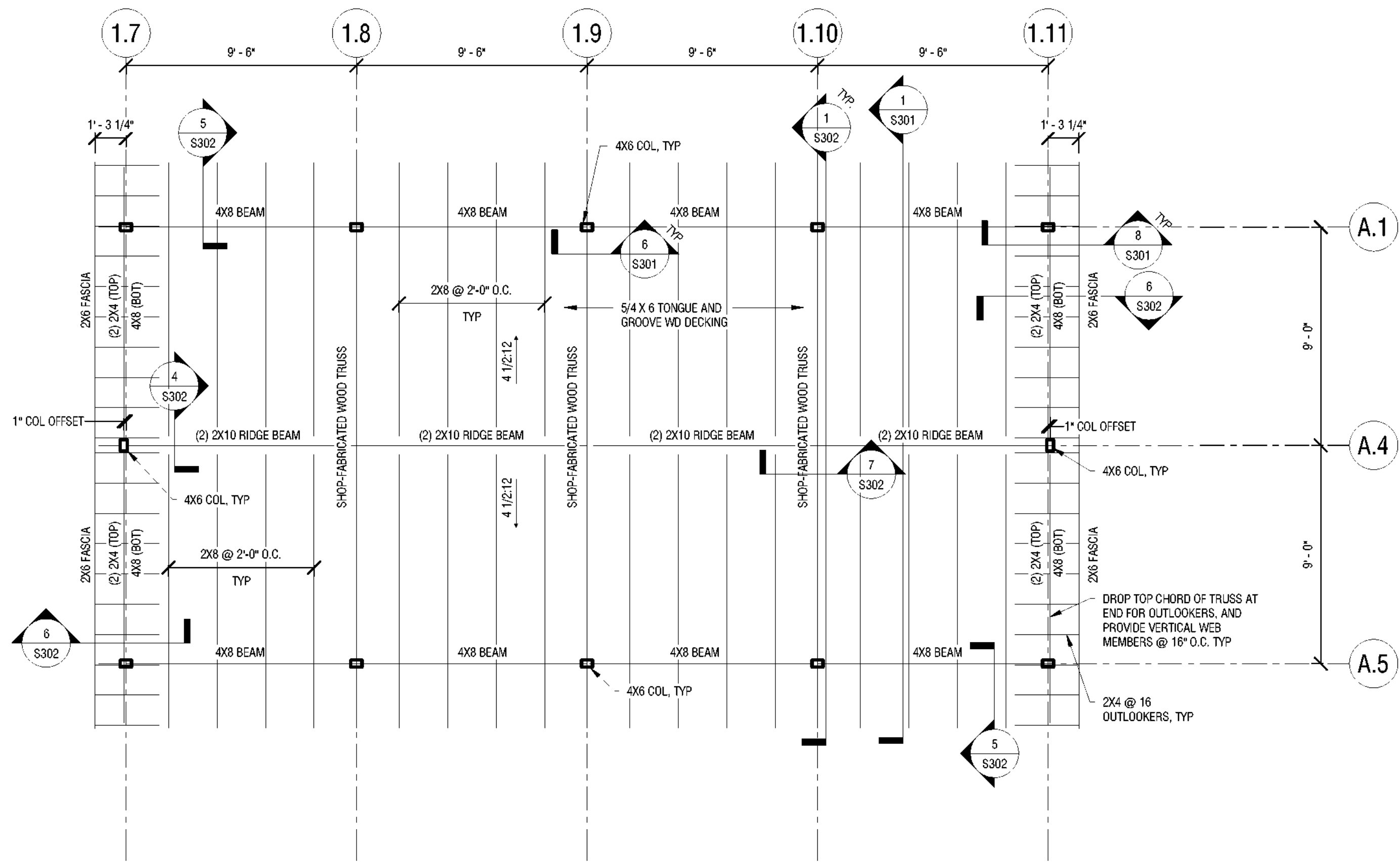
Sheet:

4/17/2023 11:21:56 AM - NOT FOR CONSTRUCTION

FRAMING LEGEND	
1.	DENOTES MOMENT CONNECTION
2.	DENOTES MASONRY/CONCRETE BEARING
3.	DENOTES RIGID CONNECTION
4. (# - #')	BEAM AT ELEV. ABOVE OR BELOW PLAN ELEV. (SEE PLAN NOTES)
5. (BELOW)	BEAM LOCATED BELOW ANOTHER BEAM IN PLAN
6.	ELEVATED SLAB: ARROWS INDICATE SPAN DIRECTION # = SLAB MARK (SEE ELEVATED SLAB SCHEDULE)
7.	ROOF DECK: ARROWS INDICATE SPAN DIRECTION # = DECK MARK (SEE ROOF DECK SCHEDULE)
8.	WALL MARK: SEE WALL SCHEDULE
9.	F.D. = FLOOR DRAIN (SEE MECH. & ARCH.)
10.	C.O. = CLEAN OUT (SEE MECH. & ARCH.)
11.	R.D. = ROOF DRAIN (SEE MECH. & ARCH.)



2 ROOF FRAMING PLAN - LATRINE #427
1/4" = 1'-0"



1 ROOF FRAMING PLAN - BATHHOUSE #231 AND #322
1/4" = 1'-0"
COLUMN GRID TAGS SHOWN ARE FOR BATHHOUSE #231, SEE OTHER PLANS FOR BATHHOUSE #322 TAGS.



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:
MCBR
Design By:
MCM
Checked By:
MCM
Approved By:
MCM
Date:
3/16/23

Seal and Signature



Sheet Title:
ROOF FRAMING
PLANS

Drawing Number:

S106

Bid Documents

Project Number:
2222163.05

Sheet:

4/17/2023 11:21:56 AM - NOT FOR CONSTRUCTION



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS' SIGNATURE. COPYRIGHT © 2023

Architect:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

**SARATOGA
ASSOCIATES**
Landscape Architects, Architects,
Engineers, and Planners, P.C.

Surveyor/Structural/MEP Engineer:
LaBella Associates
105 N. Tioga Street, Suite 200
Ithaca, NY 14850



Certificate of Authorization Number:
Professional Engineering: 015281
Land Surveying: 017973
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:
MCRB
Design By:
MCM
Checked By:
MCM
Approved By:
MCM
Date:
3/16/23

Seal and Signature



EXPIRATION DATE: 10/31/2025

Sheet Title:
ROOF FRAMING
PLAN - DINING
HALL #404
CANOPY

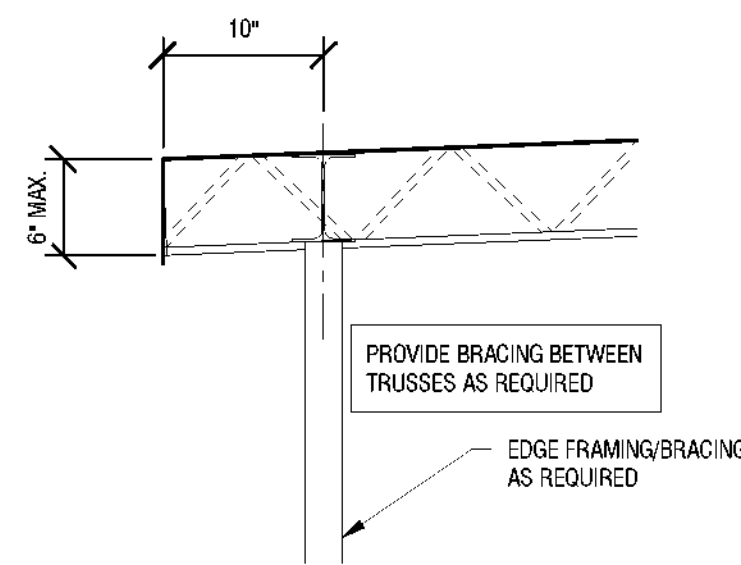
Drawing Number:

S107

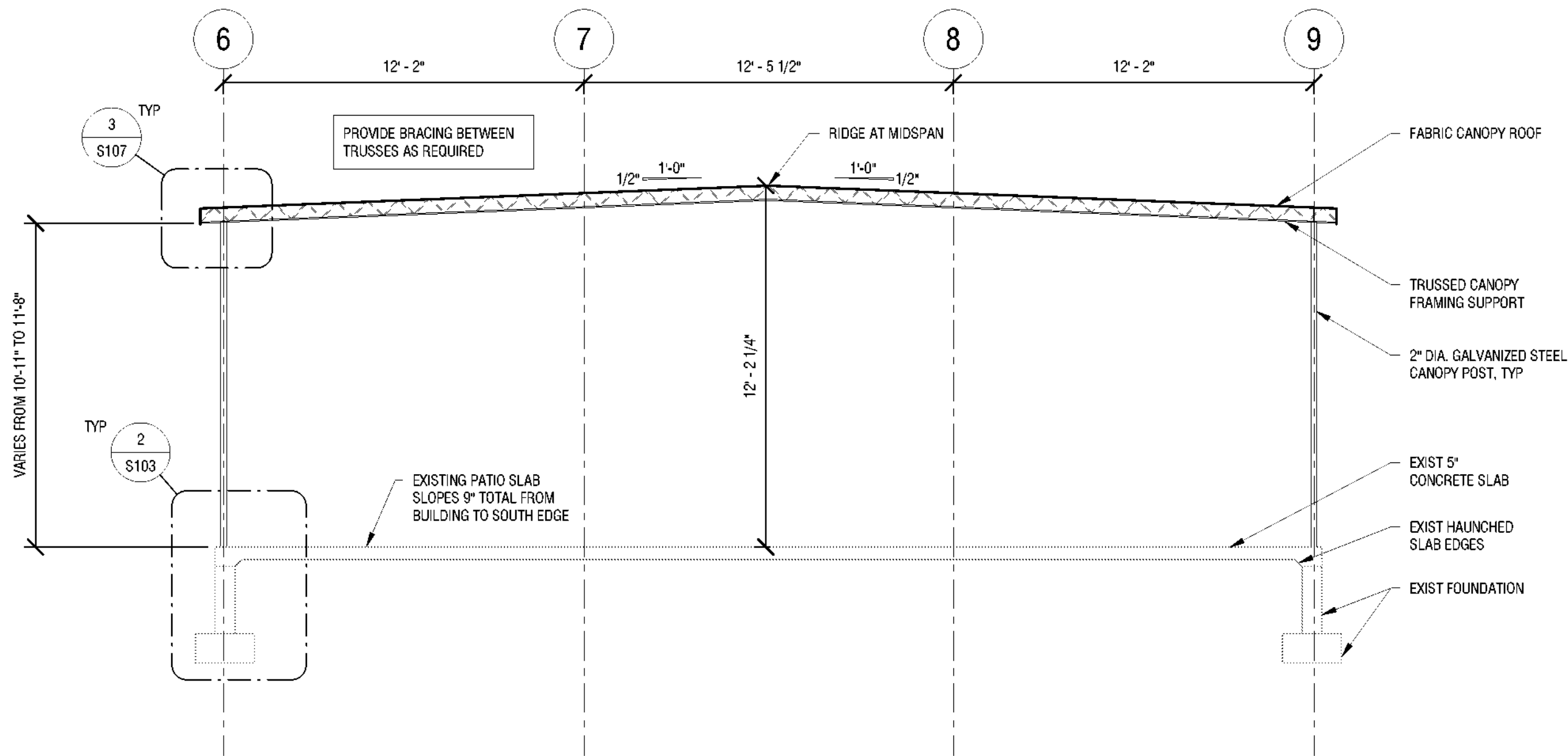
Bid Documents

Project Number:
2222163.05

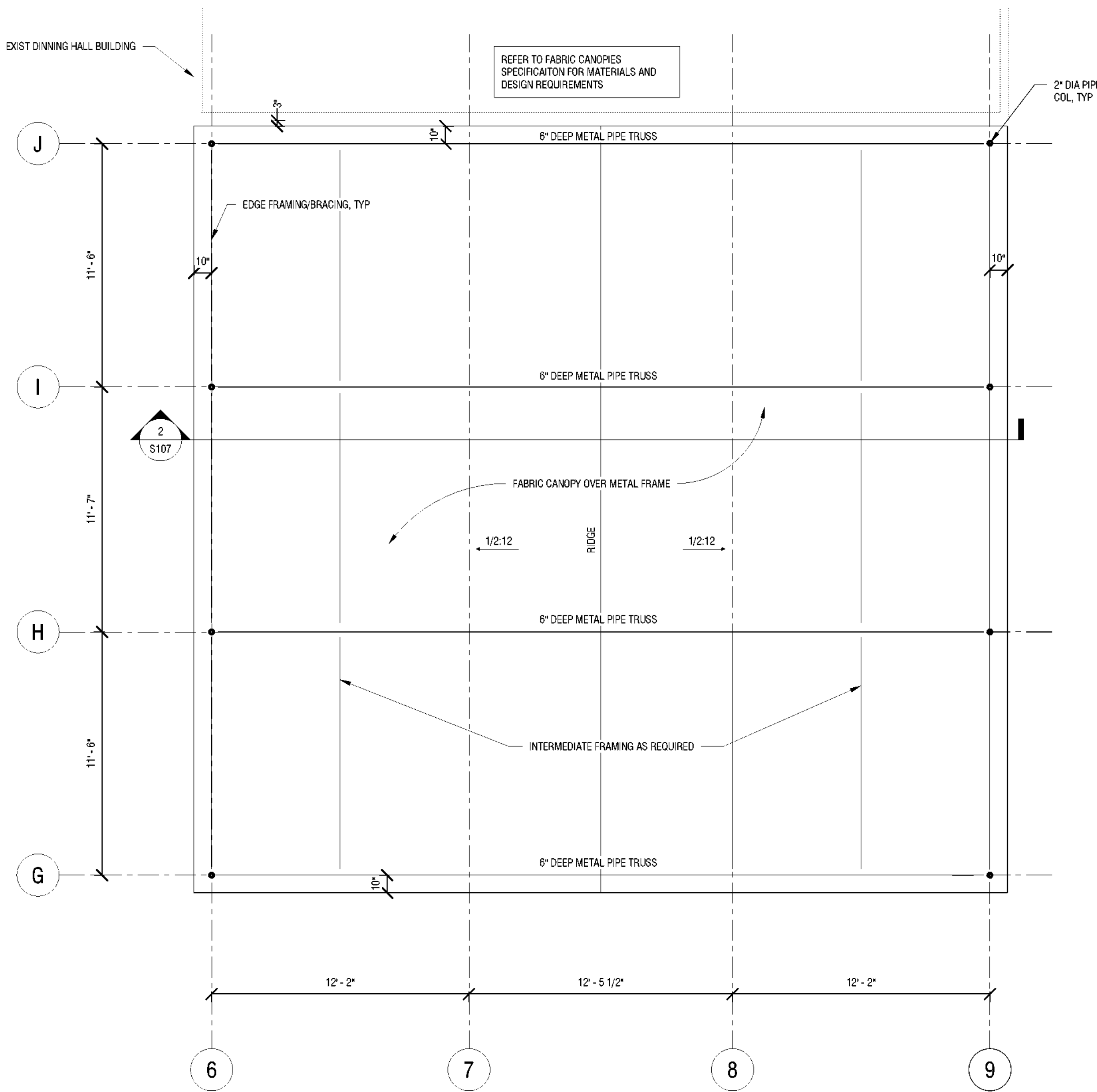
Sheet:



3 CANOPY ROOF DETAIL
1" = 1'-0"



2 SECTION THROUGH DINING CANOPY
1/4" = 1'-0"



1 ROOF FRAMING PLAN - DINING HALL #404 CANOPY
1/4" = 1'-0"

SECTION AT RAMP
 3/4" = 1'-0"

GENERAL NOTES

- GENERAL CONTRACTOR TO PROVIDE ALL ROOF PENETRATIONS REQUIRED TO ACCOMMODATE HVAC EQUIPMENT OPENINGS AND SET CURBS. HVAC CONTRACTOR TO COORDINATE EXACT LOCATION OF PENETRATIONS WITH G.C. AND SHALL ASSIST WITH SETTING ALL HVAC EQUIPMENT ROOF CURBS. HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY CAP OF ALL ROOF PENETRATIONS IN INTERIM FROM TIME PENETRATIONS ARE COMPLETE TO TIME EQUIPMENT IS SET ON ROOF CURBS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING ALL EQUIPMENT CURBS AND OTHER HVAC RELATED ROOF PENETRATIONS. HVAC CONTRACTOR SHALL REMOVE AND DISPOSE OF TEMPORARY CAP WHEN EQUIPMENT IS SET IN PLACE.
- PROVIDE 45 DEGREE SHOE-TAP FITTING AND VOLUME DAMPER AT ALL BRANCH DUCT TAKE-OFFS (TOP, SIDE AND BOTTOM) FOR EXHAUST AIR, UNLESS SHOWN OR NOTED OTHERWISE
- COORDINATE HVAC INSTALLATION WITH STRUCTURE, CEILING, LIGHTING, CONDUIT, HEATING AND DOMESTIC PIPING, STORM AND SANITARY DRAIN PIPING (ALL TRADES). PREPARE AND SUBMIT FULL COORDINATION DRAWINGS FOR APPROVAL BY ENGINEER PRIOR TO ORDERING MATERIALS AND/OR BEGINNING CONSTRUCTION.
- ALL 90 DEGREE RECTANGULAR ELBOWS AND DUCTWORK TEES SHALL BE HARD MITERED WITH FACTORY TURNING VANES.
- ALL DUCTWORK PASSING THROUGH NON-FIRE RATED WALLS TO BE SEALED AROUND PERIMETER (BOTH SIDES) WITH DRYWALL JOINT COMPOUND OR APPROVED EQUAL.
- ALL SUPPORT OF EQUIPMENT, DUCTWORK AND ASSOCIATED DISTRIBUTION SERVICES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE.
- WORK INDICATED ON THIS SHEET SHALL BE PERFORMED BY THE MECHANICAL CONTRACTOR (MC) UNLESS OTHERWISE NOTED.
- COORDINATE ALL WORK WITH ELECTRICAL CONTRACTOR (EC).
- COORDINATE ALL WORK WITH GENERAL CONTRACTOR (GC); FLASHING AT EXTERIOR WALL SHALL BE BY GENERAL CONTRACTOR. MC SHALL PROVIDE VARIABLE SPEED CONTROLLER IN BOX NEAR FAN, WITH RACEWAY AND CONDUCTORS FROM EXHAUST FAN TO SUCH CONTROLLER.
- ALL CONDUIT AND WIRING SHALL CONFORM TO THE ELECTRICAL SPECIFICATIONS AND CONTRACT DRAWINGS UNLESS OTHERWISE NOTED. THE CONDUIT AND WIRING FROM THE ELECTRIC PANEL UP TO BUT NOT INCLUDING THE SPEED CONTROLLER SHALL BE BY THE ELECTRICAL CONTRACTOR. THE SPEED CONTROLLER AND ALL CONDUIT AND WIRING BETWEEN THE CONTROLLER COMPONENTS AND THE UNIT SHALL BE BY THE MECHANICAL CONTRACTOR AND SHALL CONFORM TO THE ELECTRICAL SPECIFICATIONS AND CONTRACT DRAWINGS.
- EC SHALL PROVIDE DISCONNECTS, OCCUPANCY SENSORS AND ALL CONDUCTORS, RACEWAY AND BOXES TO EXHAUST FANS. EC SHALL CONNECT MC'S VARIABLE SPEED CONTROLLER TO DISCONNECT (BY EC), WALL OCCUPANCY SENSOR (BY EC) AND POWER FEED (BY EC) AND PROVIDE REQUIRED RACEWAY AND CONDUCTORS. COORDINATION NOTE: EXHAUST FAN PROVIDED BY MECHANICAL CONTRACTOR. POWER CONNECTION AND OCCUPANCY CONTROLS, CONDUCTORS, RACEWAY BY ELECTRICAL CONTRACTOR.
- GENERAL CONTRACTOR SHALL PROVIDE ALL PLATE PROTECTION FOR CONCEALED ELECTRICAL CONDUCTORS AND PLUMBING LINES AT ALL PLATES AND STUDS AS REQUIRED.
- DO NOT CUT THRU FRAMING UNLESS APPROVED BY DIRECTOR'S REPRESENTATIVE.
- ALL DUCTWORK/HVAC EQUIPMENT SHALL BE A MINIMUM OF 7'-6" ABOVE FINISHED FLOOR.

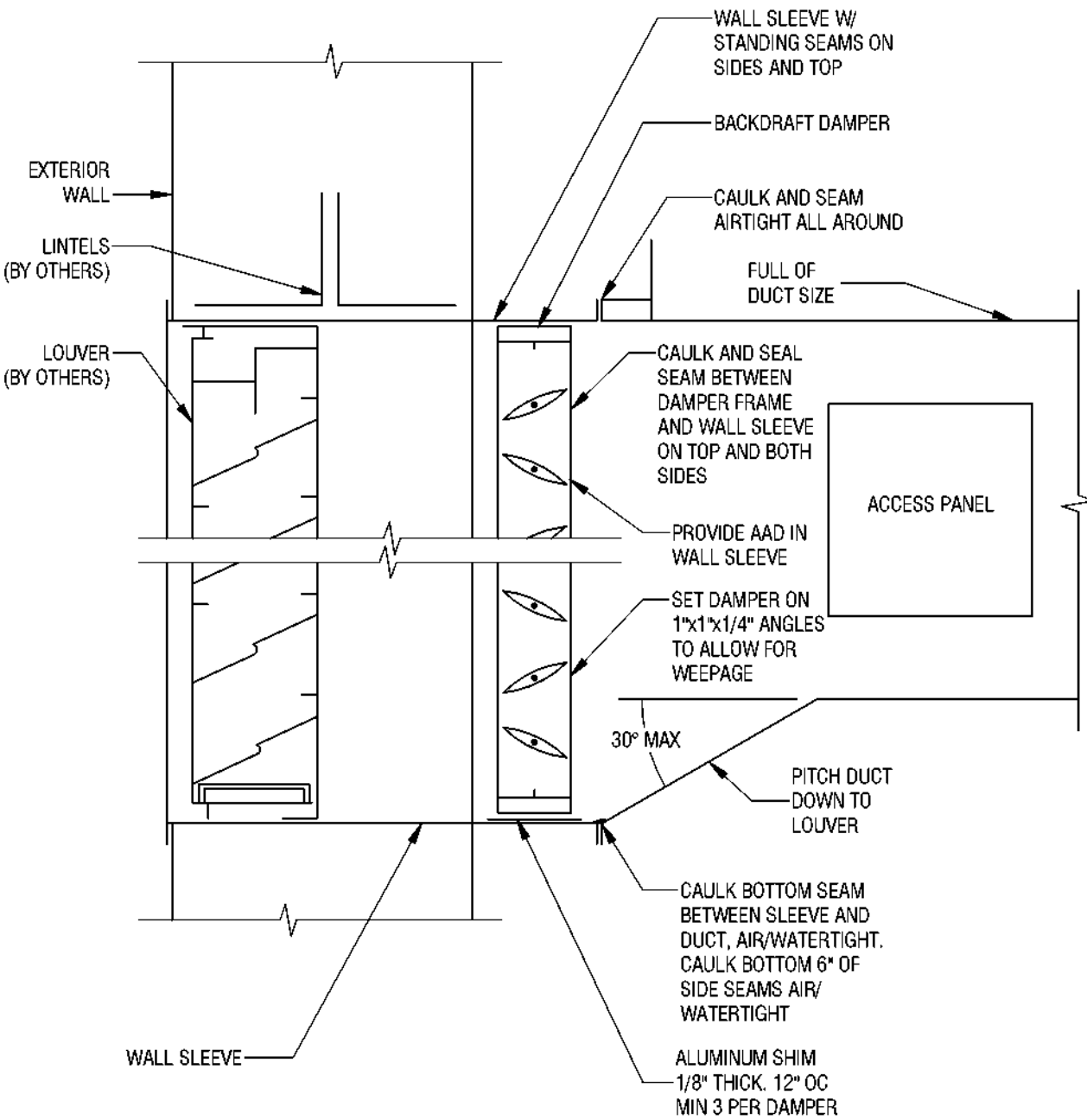
APPLICABLE CODES

- BUILDING CODE OF NEW YORK STATE
- ENERGY CODE OF NEW YORK STATE
- MECHANICAL CODE OF NEW YORK STATE
- FIRE CODE OF NEW YORK STATE
- PLUMBING CODE OF NEW YORK STATE
- ENERGY CONSERVATION CODE OF NEW YORK STATE
- ACCESSIBLE AND USABLE BUILDING AND FACILITIES-CADG AND AS 117.1
- NATIONAL ELECTRIC CODE
- NATIONAL FIRE CODE NFPA 13

DRAWING SYMBOLS

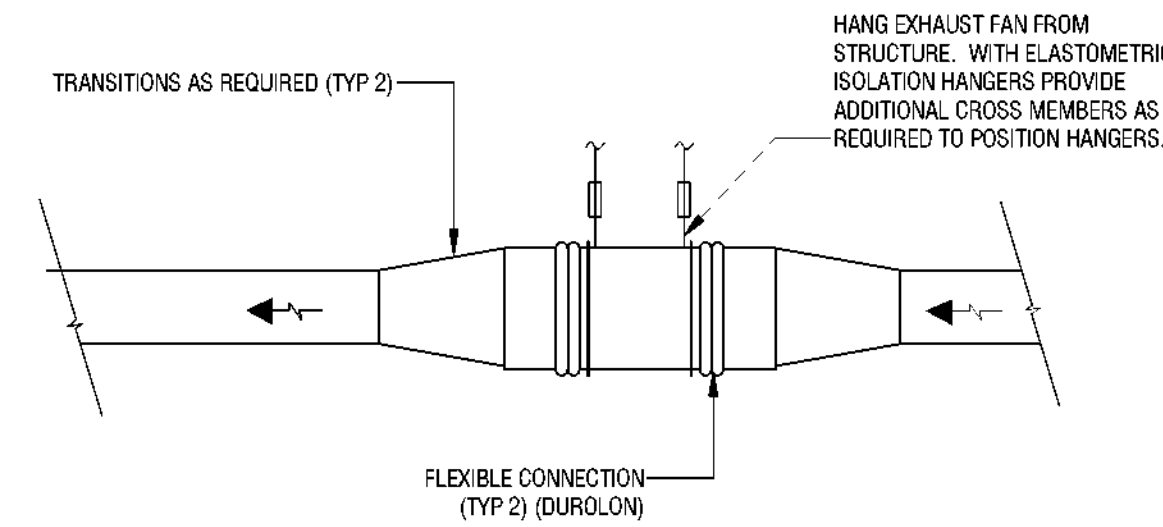
- EXISTING DUCTWORK, PIPE, EQUIPMENT
— NEW DUCTWORK, PIPE, EQUIPMENT
--- DUCTWORK, PIPE, EQUIPMENT TO BE REMOVED
- 1 KEYNOTE
- ↺ RETURN AIR
- SUPPLY AIR
- 18x8 DUCT (DIMENSIONS SHOWN IN DUCT, DIMENSIONS IN INCHES.)
- 18x8 DUCT (DIMENSIONS SHOWN BY LEADER, DIMENSIONS IN INCHES.)
- 18x8 INSULATED DUCT (DIM. IS INTERNAL)
- MITERED ELBOW W/ TURNING VANES
- EXHAUST GRILLE
- E1 750 10/10 REGISTER OR GRILLE - TOP NUMBER REPRESENTS TAG, SEE SCHEDULE; BOTTOM NUMBER REPRESENTS CFM. NUMBER UNDER TAG REPRESENTS DUCT CONNECTION SIZE

NOTE:
NOT ALL SYMBOLS, ABBREVIATIONS AND EQUIPMENT DESIGNATIONS MAY APPLY TO THIS PARTICULAR PROJECT. ANY ADDITIONS OR OMISSIONS FROM THIS LEGEND SHEET DOES NOT IMPLY INCLUSION AND/ OR EXCLUSIONS OF ANY PARTICULAR ITEM FROM THIS PROJECT.



LOUVER DETAIL

3 M101 NONE



EXHAUST FAN DETAIL (IN-LINE)

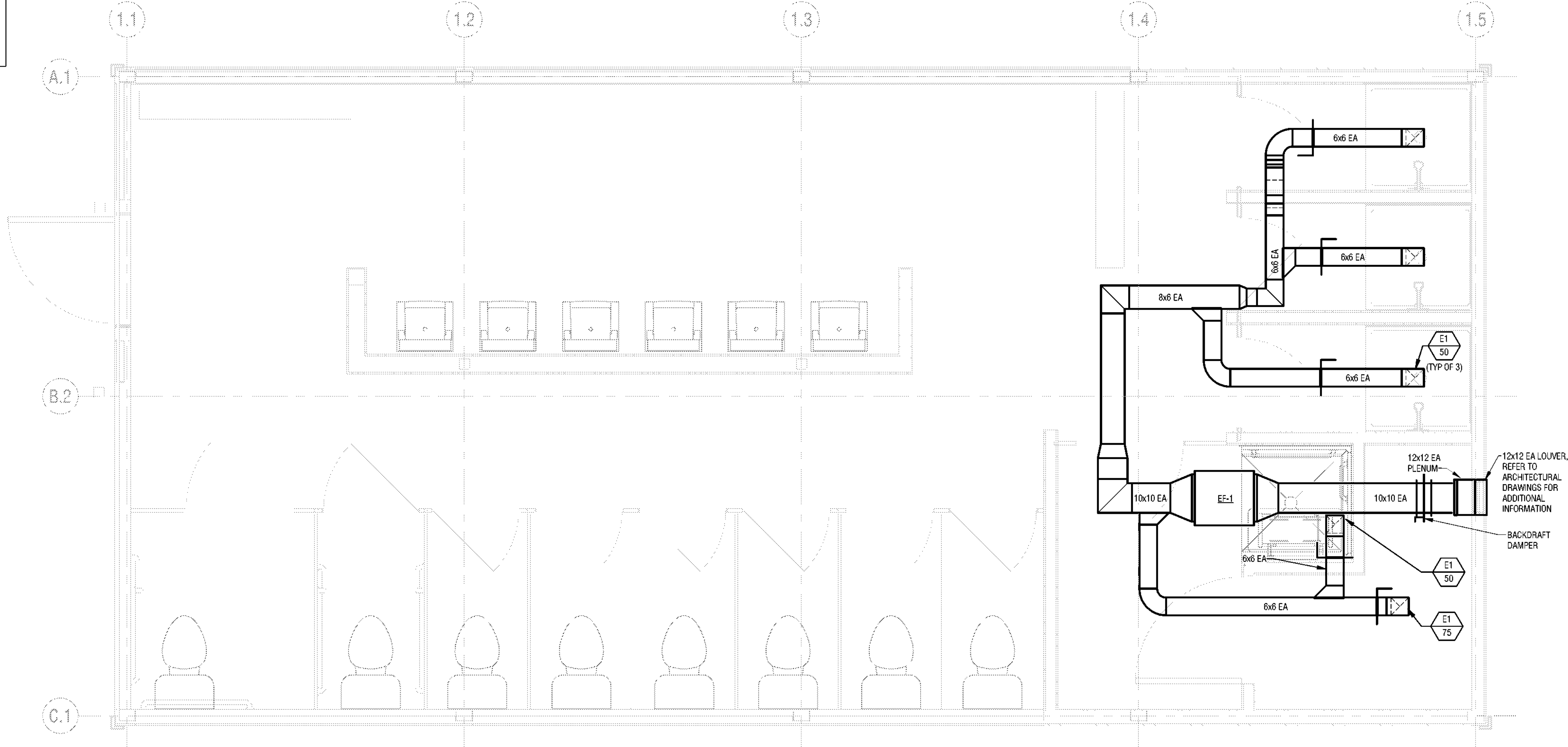
2 M101 NONE

EXHAUST FAN SCHEDULE												
UNIT	SERVICE	CFM	ESP (IN WG)	DRIVE TYPE	FAN TYPE	FAN RPM	MAX SONE LEVEL	MOTOR DATA			DESIGN BASIS	NOTES
								RPM	VOLT	PH		
EF-1	BUILDING EXHAUST - BATHHOUSE 231	275	1.0	DIRECT	CENTRIFUGAL	1570	13	1550	115	1	1/6	LOREN COOK 120SQM17D 1,2,3
EF-2	BUILDING EXHAUST - BATHHOUSE 322	275	1.0	DIRECT	CENTRIFUGAL	1570	13	1550	115	1	1/6	LOREN COOK 120SQM17D 1,2,3

- NOTES:
- PROVIDE WITH FACTORY MOUNTED DISCONNECT.
 - PROVIDE WITH FACTORY MOUNTED FAN SPEED CONTROLLER.
 - EXHAUST FAN SHALL BE CONTROLLED BY OCCUPANCY SENSOR (PROVIDED BY EC).

REGISTER, GRILLES, AND DIFFUSERS

TYPE	SERVICE	DESCRIPTION	MAX NO.	DESIGN BASIS	NOTES
E1	EXHAUST	HEAVY DUTY GRILLE - 10x10 SIZE	25	TITUS 63FL	-



BATHHOUSE 231 AND 322 MECHANICAL PLAN

1 M101 1/2" = 1'-0"



Governor Kathy Hochul

New York State
Parks, Recreation and
Historic Preservation

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

ARCHITECT:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

SURVEYOR/STRUCTURAL/ MEP ENGINEER:

LaBella Associates
300 State Street, Suite 2012
Rochester, NY 14614



LaBella
ASSOCIATES

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017978
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911

(845) 786-2701

Executive Director: Joshua Laird

Project Title:

CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:

HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No.	Description	Date

Drawn By:

NAF

Design By:

NAF

Checked By:

JMD

Approved By:

JMD

Date:

3/16/2023

Sheet Title:

CAMP JUNIOR

MECHANICAL

PLANS

Bid Documents

Project Number:

2222163.05

Seal and Signature



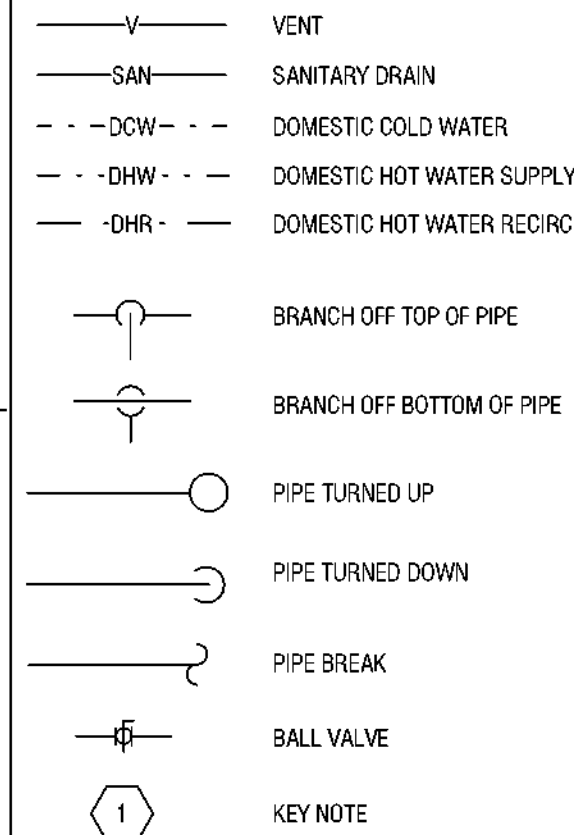
Drawing Number:

M101

Sheet:

3/31/2023 10:11:09 AM

DRAWING SYMBOLS



APPLICABLE CODES

- BUILDING CODE OF NEW YORK STATE
- MECHANICAL CODE OF NEW YORK STATE
- FIRE CODE OF NEW YORK STATE
- PLUMBING CODE OF NEW YORK STATE
- ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- ACCESSIBLE AND USABLE BUILDING AND FACILITIES-CABO/ANSI A117.1
- NATIONAL ELECTRIC CODE
- NFPA 13: STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

EQUIPMENT DESIGNATIONS

CO	CLEANOUT
DWH	DOMESTIC WATER HEATER
ET	EXPANSION TANK
EW	ELECTRIC WATER COOLER
EW	ELECTRIC WATER HEATER
HB	HOSE BIBB
LAV	LAVATORY
MS	MOP SINK
P	PUMP
SA	SHOCK ABSORBER (WATER HAMMER ARRESTOR)
SH	SHOWER
UR	URINAL
WC	WATER CLOSET
WCO	WALL CLEANOUT

GENERAL NOTES

- DO NOT SHUT DOWN ANY PLUMBING OR RELATED SYSTEMS WITHOUT BUILDING OWNERS PRIOR WRITTEN APPROVAL. FOLLOW ALL OWNER REQUIREMENTS AND SHUT DOWN PROCEDURES AS WELL AS ALL REQUIREMENTS OF THIS PROJECT.
- IF REQUIRED, PROVIDE SHUT DOWNS AND TIE-INS DURING OFF HOURS TO AVOID DISRUPTION OF BUILDING SYSTEMS. COORDINATE ALL SHUT DOWN REQUIREMENTS PRIOR TO SUBMITTING BID (INCLUDE ALL REQUIRED DURING OFF HOURS IN BID).
- PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES. OBTAIN ALL REQUIRED PERMITS.
- PROVIDE ALL REQUIRED EXCAVATION, BACKFILL AND COMPACTION FOR ALL UNDERGROUND WORK.
- FIELD VERIFY EXACT LOCATION, DEPTH, COMPOSITION AND CONDITION OF ALL PIPING, VALVES AND SYSTEMS AS REQUIRED FOR WORK OF THE CONTRACT.
- PROVIDE SCHEDULE 40 BLACK STEEL PIPE SLEEVES FOR ALL UNDERGROUND PIPING PASSING THROUGH OR UNDER FOOTINGS, WALLS, FOUNDATION WALLS, SLABS FLOORS AND/OR UNDERGROUND STRUCTURES. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- WHERE PIPING IS LOCATED OVER FOOTINGS AND/OR OTHER UNDERGROUND STRUCTURES, ROLL DOWN AS REQUIRED TO CONNECT TO SYSTEMS NOTED. PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND CONNECTIONS.
- PITCH ALL SANITARY, WASTE, AND STORM PIPING AS FOLLOWS: PIPING SMALLER THAN 3", PITCH AT 2 PERCENT (1/4" PER FOOT) MINIMUM. 3" AND LARGER, PITCH AT 1 PERCENT (1/8" PER FOOT) MINIMUM.
- CONNECT TO SITE PIPING OUTSIDE BUILDING AS SHOWN. PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND CONNECTIONS. FIELD VERIFY EXACT LOCATION, DEPTH AND COMPOSITION OF SITE SERVICES AND COORDINATE ALL WORK WITH SITE CONTRACTOR.
- COORDINATE ALL VENT TERMINATIONS ABOVE ROOF WITH HVAC CONTRACTOR. ALL VENT TERMINATIONS ABOVE ROOF SHALL BE A MINIMUM 10'-0" AWAY FROM ANY HVAC OUTSIDE AIR INTAKE (ROOFTOP UNIT, LOUVER, ETC.).
- PROVIDE SINGLE HOSE BIBB WITH VACUUM BREAKER (HB) UNDER LAVATORY(S) IN ALL TOILET ROOMS WITH FLOOR DRAINS. ONE REQUIRED PER ROOM.
- REFER TO ARCHITECTURAL DRAWINGS AND THE PROJECT SPECIFICATIONS FOR ANY PROJECT PHASING REQUIREMENTS.
- THE ENTIRE PLUMBING SYSTEM SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PLUMBING CODE OF NEW YORK STATE AND LOCAL PLUMBING INSPECTOR.
- CONTRACTOR SHALL COORDINATE AND PROVIDE ALL NECESSARY PIPING & PLUMBING FITTINGS, PIPING, MISCELLANEOUS ITEMS REQUIRED FOR A COMPLETE INSTALLATION OF ALL PLUMBING RELATED ITEMS.
- PITCH ALL POTABLE WATER PIPING TO DRAIN BEFORE BUILDING SHUTOFF.
- ALL PIPING PENETRATIONS THROUGH NEW WALL OR FLOOR SHALL BE SEALED TO EQUAL THE RATING OF THE NEW, EXISTING WALL OR FLOOR.
- THE ENTIRE DOMESTIC WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE TO THE LOCAL CODE & HEALTH DEPARTMENT REQUIREMENTS.
- THE BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED PER STATE AND LOCAL CODE & PER AUTHORITY HAVING JURISDICTION REQUIREMENTS.
- ALL (VTR'S) VENT THRU ROOF PENETRATIONS INDICATED ON PLANS ARE PRELIMINARY. FINAL LOCATIONS SHALL BE COORDINATED WITH ALL TRADES.
- CONTRACTOR SHALL INSULATE ALL PLUMBING PIPING PER SPECIFICATION.
- MAINTAIN 3'-0" CLEARANCE IN FRONT OF ALL DOMESTIC WATER SYSTEM PIPING COMPONENTS AND ELECTRICAL DISTRIBUTION PANELS.
- COORDINATE ELECTRICAL AND PLUMBING TRADES. DO NOT LOCATE PIPING ABOVE ELECTRICAL DISTRIBUTION PANELS, WITHIN 6'-0" ABOVE THE TOP OF THE PANEL (OR THE STRUCTURAL CEILING, WHICHEVER IS LOWER).
- THE PLUMBING CONTRACTOR SHALL COORDINATE ALL VERTICAL AND HORIZONTAL RUNS WITH GENERAL CONTRACTOR PRIOR TO TRACING. GENERAL CONTRACTOR SHALL PROVIDE ALL PLATE PROTECTION FOR CONCEALED LINES AT ALL PLATES AND STUDS AS REQUIRED. DO NOT CUT THRU FRAMING UNLESS APPROVED BY DIRECTOR'S REPRESENTATIVE.
- ALL WORK ON THESE PLUMBING DRAWINGS SHALL BE PERFORMED BY THE PLUMBING CONTRACTOR UNLESS NOTED OTHERWISE.
- COORDINATE LOCATION AND ROUTING OF PLUMBING LINES WITH OTHER TRADES.

ELECTRIC WATER HEATER SCHEDULE

UNIT	BUILDING	SERVICE	LOCATION	ELECTRICAL DATA TOTAL WATTS V/F/Hz	DIMENSIONS	MANUFACTURER	MODEL	NOTES
EW-1	BATH-HOUSE 231	DOMESTIC HOT WATER	MECH ROOM	12300 240/1/60	30" x 70" H	LOCHINVAR	LCA-120AKW	-
EW-2	BATH-HOUSE 322	DOMESTIC HOT WATER	MECH ROOM	12300 240/1/60	30" x 70" H	LOCHINVAR	LCA-120AKW	-
EW-3	LATRINE 427	DOMESTIC HOT WATER	UNDER SINK	1400 115/1/60	9" L x 9" W x 15" H	EEMAX	EMT1	-
EW-4	LATRINE 427	DOMESTIC HOT WATER	UNDER SINK	1400 115/1/60	9" L x 9" W x 15" H	EEMAX	EMT1	-

PLUMBING FIXTURE SCHEDULE

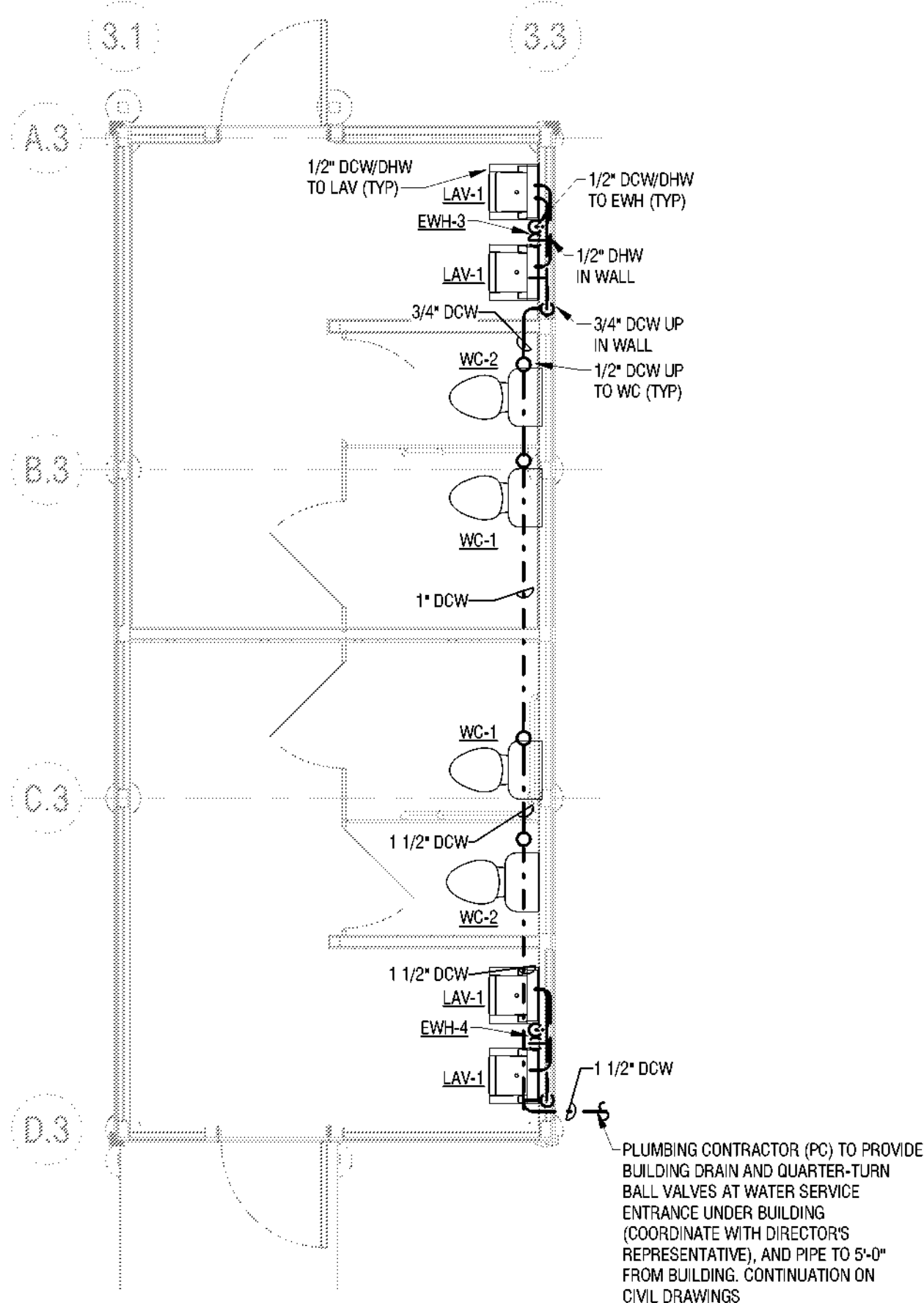
UNIT	TRIM	PIPING CONNECTION (IN)					SUPPORT	REMARKS	MANUFACTURER	MODEL
		COLD	HOT	SAN/W	VENT	VENT				
HB-1	-	1/2	-	-	-	-	WALL MOUNTED	-	CHICAGO FAUCETS	952-CP
SH-1	-	1/2	1/2	3	2	2	WALL MOUNTED	ADA	POWERS	450-4103SC
SH-2	-	1/2	1/2	3	2	2	WALL MOUNTED	-	POWERS	450-4002
WC-1	A	1/2	-	4	2	2	FLOOR MOUNTED	ADA	AMERICAN STANDARD	215AA-104
WC-2	A	1/2	-	4	2	2	FLOOR MOUNTED	-	AMERICAN STANDARD	215AA-104
LAV-1	B	1/2	1/2	1-1/2	1-1/2	1-1/2	WALL MOUNTED	ADA	GERBER	PLYMOUTH 60012314
LAV-2	C	1/2	1/2	1-1/2	1-1/2	1-1/2	WALL MOUNTED	-	GERBER	PLYMOUTH 60012314
FD-1	D	-	-	3	2	2	FLOOR MOUNTED	-	ZURN	Z415B
MS-1	E	3/4	3/4	3	2	2	FLOOR MOUNTED	-	ELKAY	FLR-1X

FIXTURE TAIL:

- 1/2" STAINLESS STEEL BRAIDED HOSE SUPPLY WITH ESCUTCHEON AND 1/4" TURN ANGLE STOP. 1.28 GPF, HEAVY WEIGHT INJECTION MOLDED SOLID PLASTIC, BLACK ELONGATED SEAT, OPEN FRONT LESS COVER WITH STAINLESS STEEL SELF SUSTAINING CHECK HINGES, SIMILAR TO BEMIS MODEL 1956-SST. PROVIDE FLOOR FLANGE, SEALANT AND ANCHOR BOLTS.
- DECK MOUNTED CHROME PLATED DIE-CAST METAL FAUCET WITH INFRARED SENSOR, BATTERY POWER SUPPLY, MULTI-LAMINAR SPRAY, 0.50 GPM, SIMILAR TO SLOAN SF-2450-4-BAT-TEE-CP-0.50GPM-MLM-IR-FCT. ASSE 1070 APPROVED TEMPERING VALVE, SIMILAR TO POWERS MODEL LF6480. CHROME PLATED CAST BRASS GRID STRAINER WITH 1-1/4" TAILPIECE, SIMILAR TO MCGUIRE MODEL 8902. CHROME PLATED CAST BRASS SUPPLIES WITH LOOSE KEY ANGLE STOP AND SET-SCREW ESCUTCHEON. PROVIDE TRAP AND SUPPLY COVERING TO MEET ADA REQUIREMENTS, SIMILAR TO "PRO-WRAP".
- DECK MOUNTED CHROME PLATED DIE-CAST METAL WRIST HANDLES, NON-METERING, 0.50 GPM, 4" CENTERSET, 4" RIGID SPOUT, SIMILAR TO GERBER G0045542. ASSE 1070 APPROVED TEMPERING VALVE, SIMILAR TO POWERS MODEL LF6480. CHROME PLATED CAST BRASS GRID STRAINER WITH 1-1/4" TAILPIECE, SIMILAR TO MCGUIRE MODEL 8902. CHROME PLATED CAST BRASS SUPPLIES WITH LOOSE KEY ANGLE STOP AND SET-SCREW ESCUTCHEON.
- DEEP SEAL P-TRAP AND ASSE 1072 APPROVED MECHANICAL SEAL, SIMILAR TO "SURE-SEAL".
- CHROME PLATED CAST BRASS WALL FAUCET WITH VACUUM BREAKER, PAIL HOOK, WALL BRACE AND HOSE OUTLET, SIMILAR TO FIAT MODEL 830-AA. STAINLESS STEEL HOSE BRACKET WITH RUBBER GRIP AND HOSE, SIMILAR TO FIAT MODEL 832-AA. STAINLESS STEEL MOP HANGER SIMILAR TO FIAT MODEL 889-CC. VINYL BUMPER GUARDS ON EXPOSED EDGES SIMILAR TO FIAT MODEL E-77-AA. STAINLESS STEEL WALL GUARDS ON ADJACENT WALLS SIMILAR TO FIAT MODEL MS02424.

RECIRCULATION PUMP SCHEDULE

UNIT	LOCATION	GPM	FEET OF HEAD	PUMP HP (WATTS)	VOLTS	AMPS	MANUFACTURER	MODEL	NOTES
RP-1	WATER SERVICE ROOM	6	5	25	115	0.23	GRUNDFOS	UP15-10	-

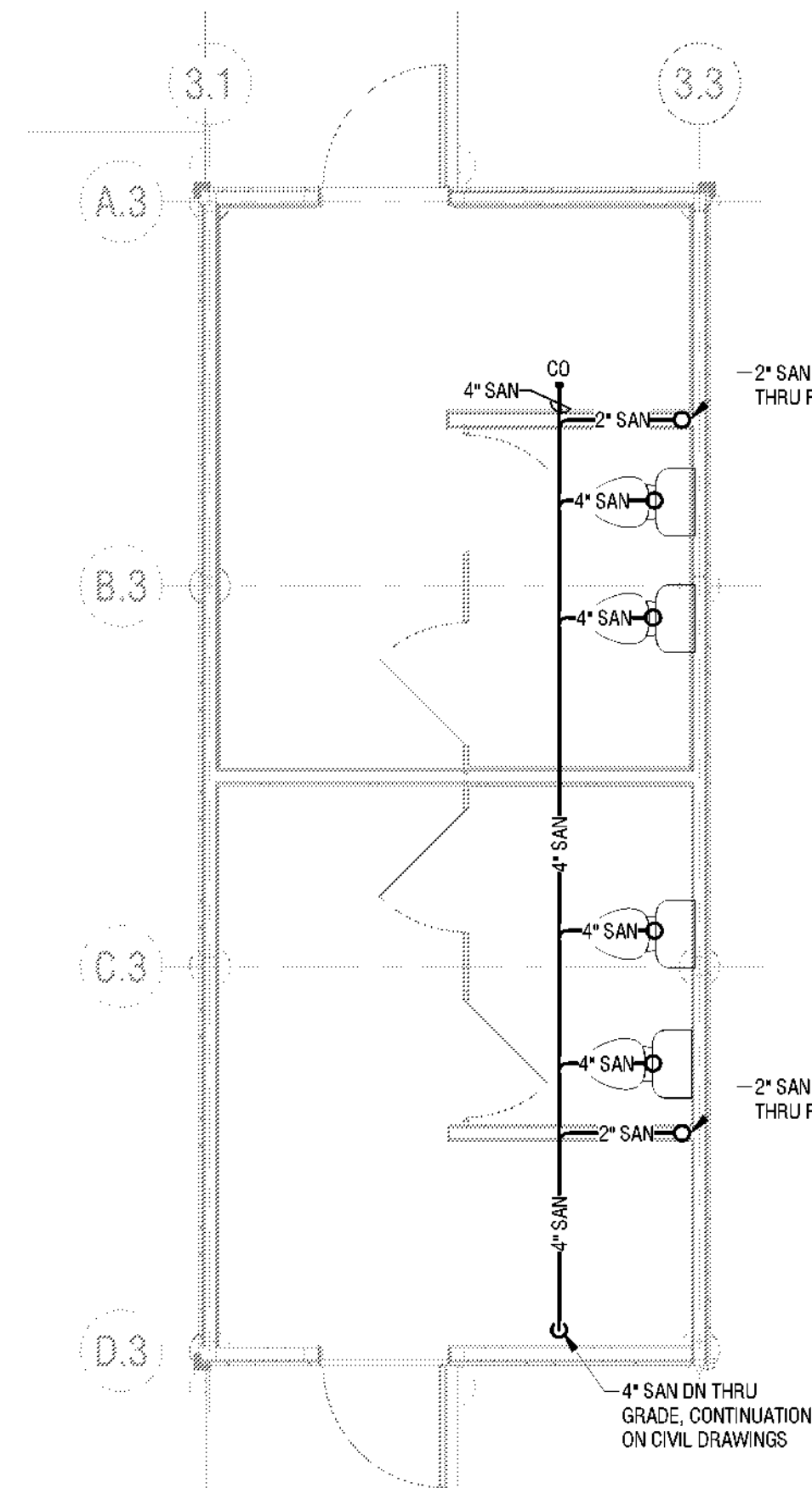


LATRINE 427 PLUMBING PLAN - DOMESTIC

1/4" = 1'-0"

LATRINE 427 PLUMBING PLAN - SANITARY/VENT

1/4" = 1'-0"



LATRINE 427 PLUMBING PLAN - UNDERFLOOR SANITARY/VENT

1/4" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

ARCHITECT:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

SURVEYOR/STRUCTURAL/ MEP ENGINEER:

LaBella Associates
300 State Street, Suite 2012
Rochester, NY 14614



Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017978
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title: CAMP JUNIOR ON LAKE TIORATI - PHASE 3

Project Location: HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

NAF

Design By:

NAF

Checked By:

JMD

Approved By:

JMD

Date:

3/16/2023

Sheet Title:

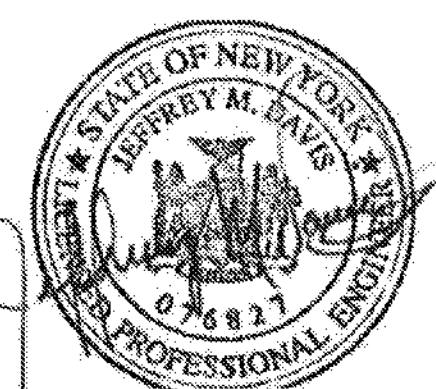
CAMP JUNIOR
PLUMBING
PLANS

Bid Documents

Project Number:

2222163.05

Seal and Signature



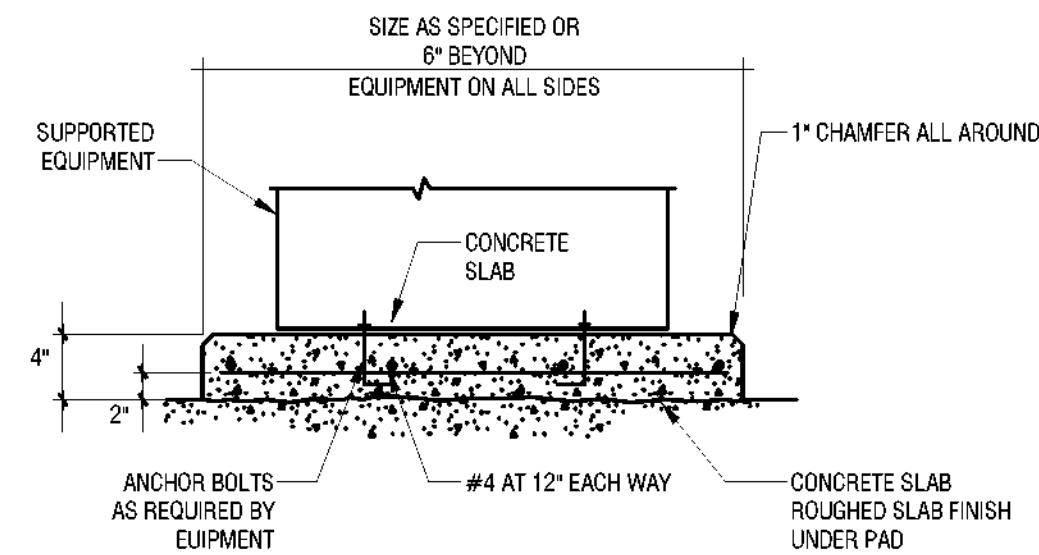
EXP: 08/21/2025

Drawing Number:

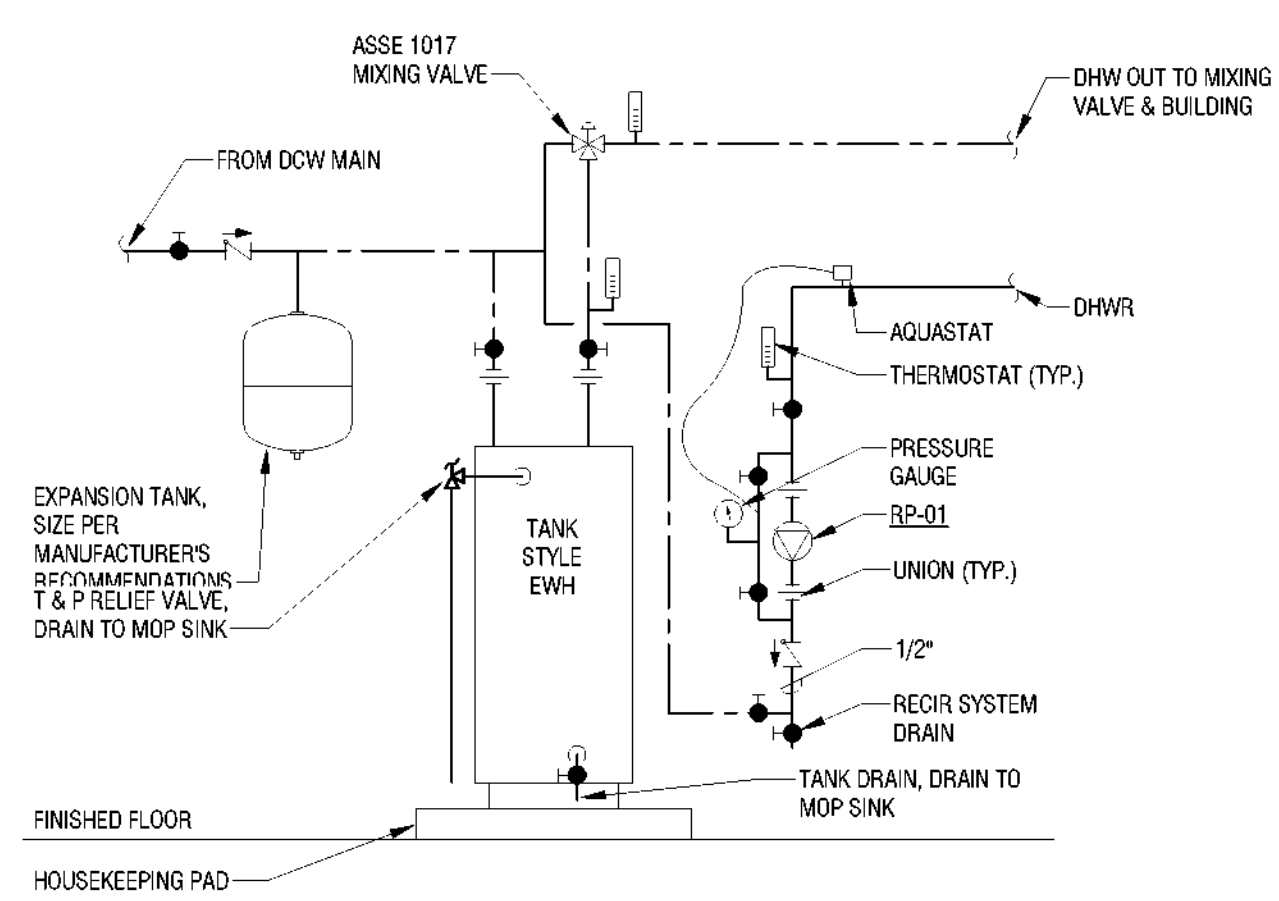
P101

Sheet:

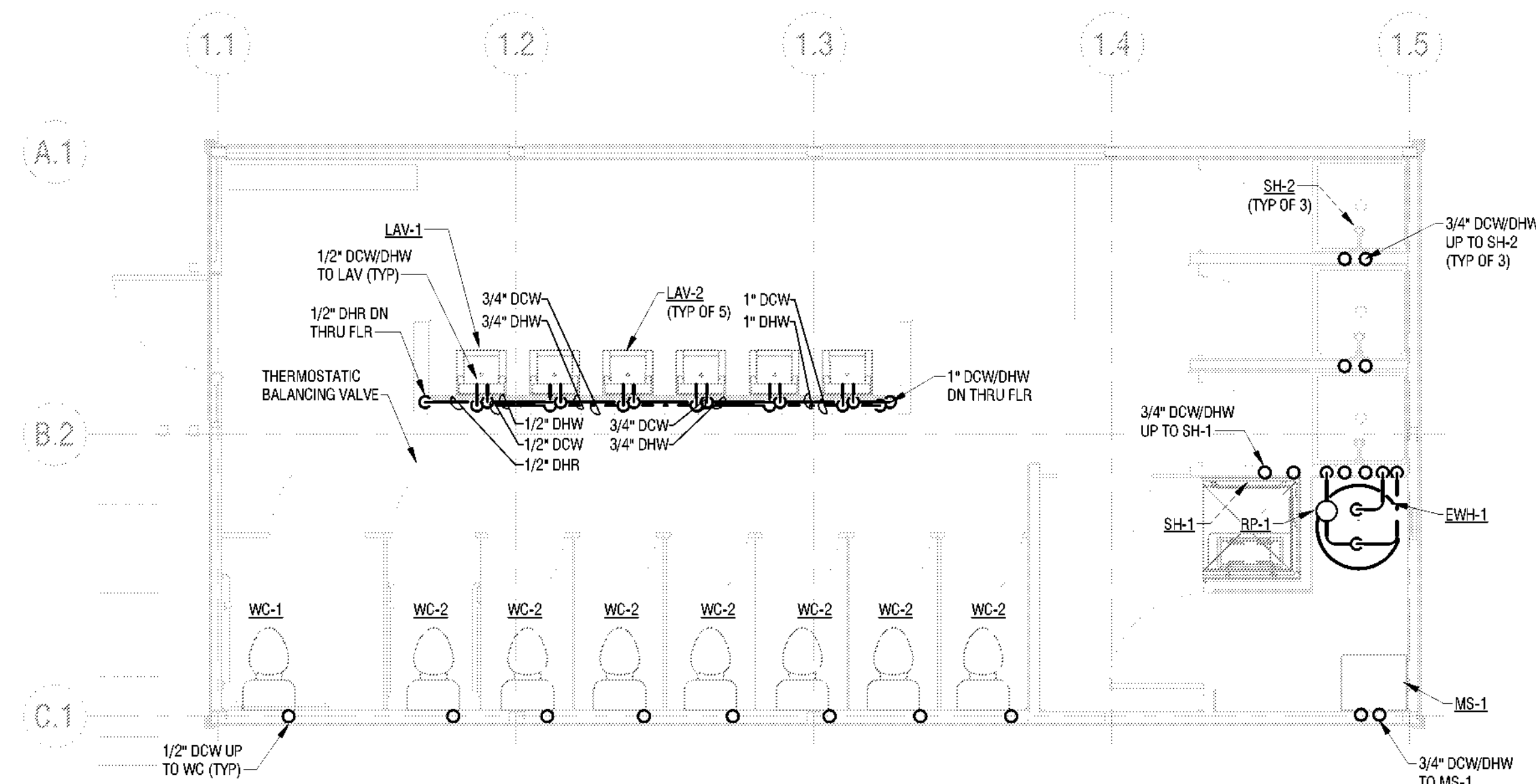
3/31/2023 10:11:12 AM



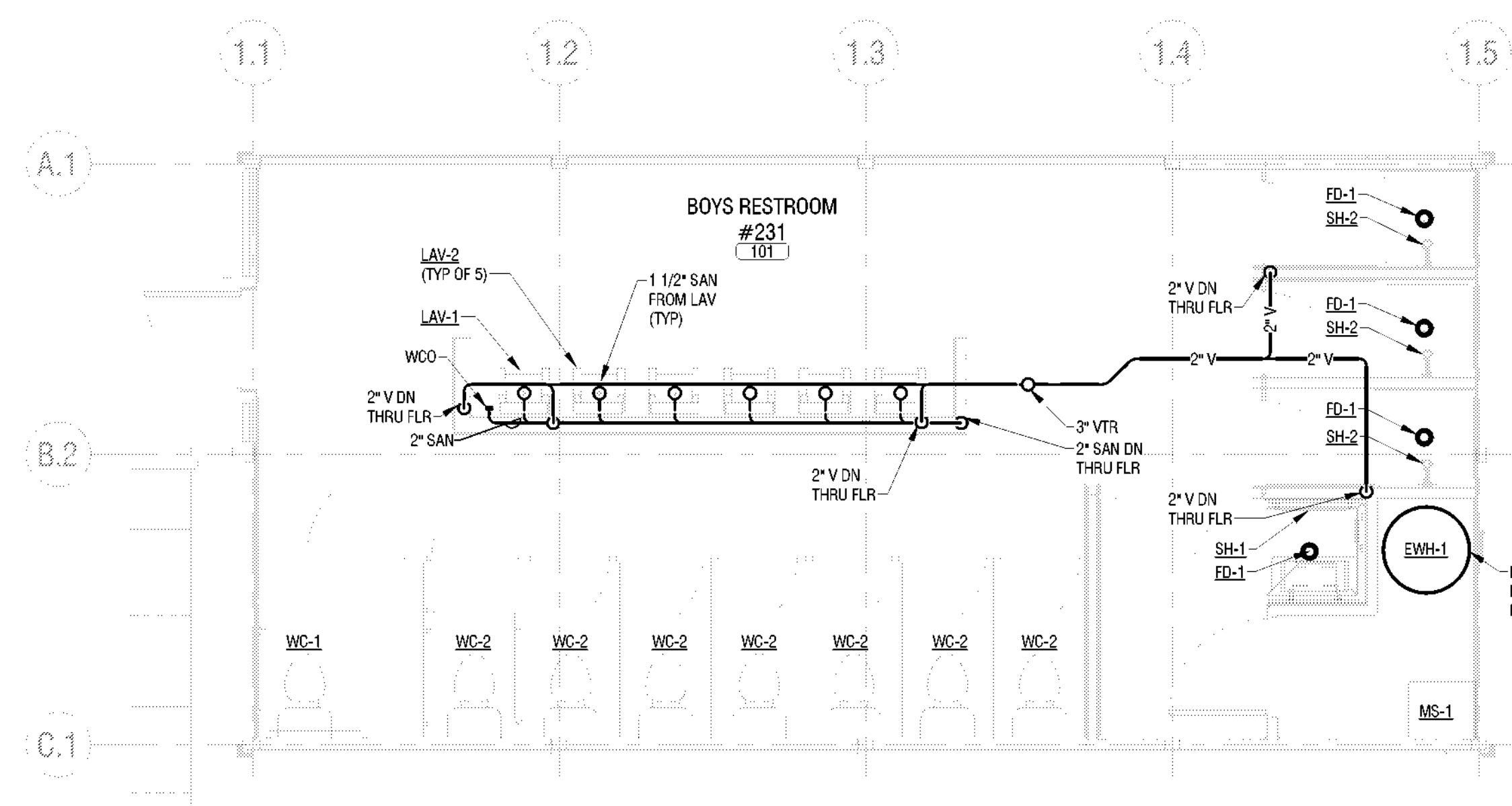
6 HOUSEKEEPING PAD DETAIL
P102 NONE



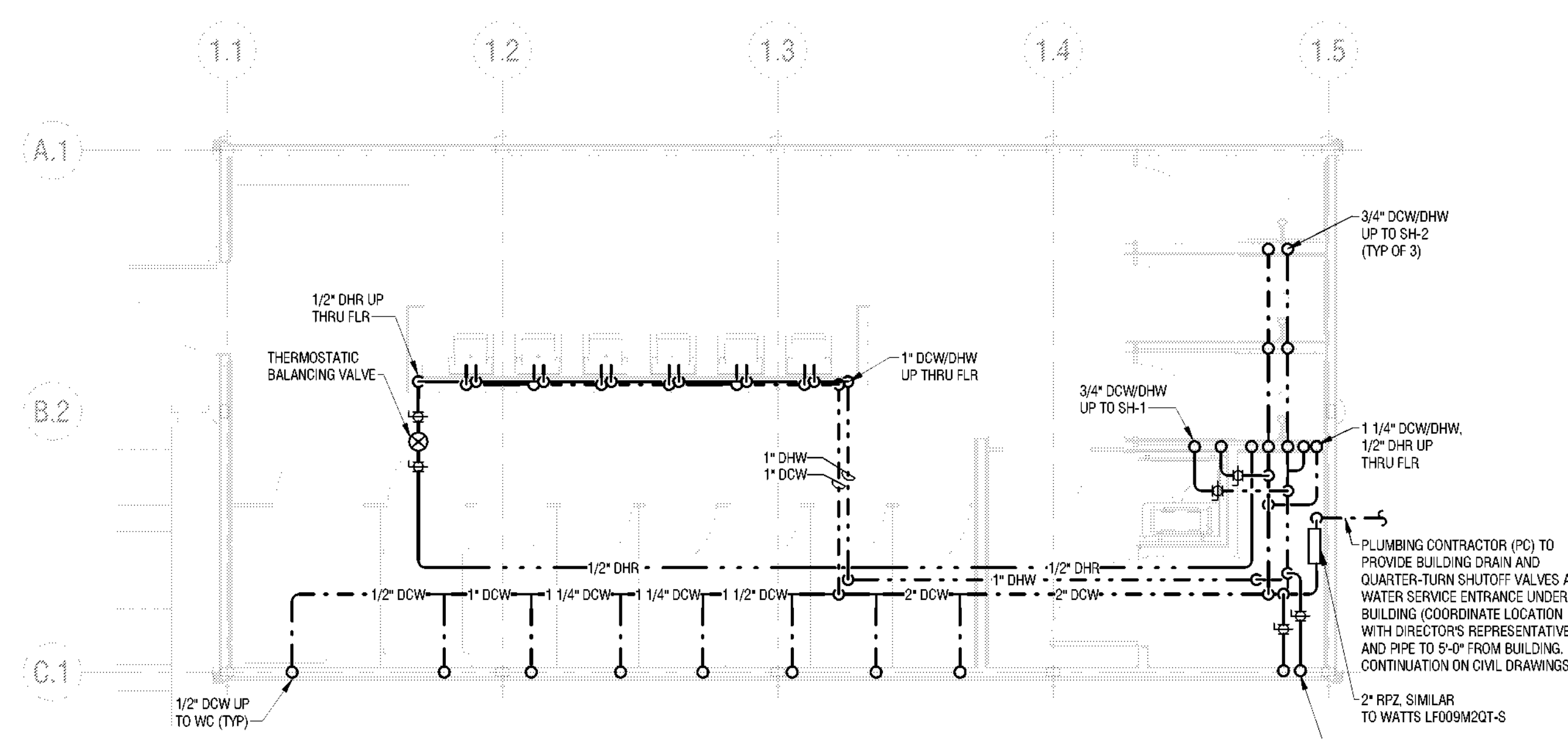
5 TANK TYPE ELECTRIC WATER HEATER DETAIL
P102 NONE



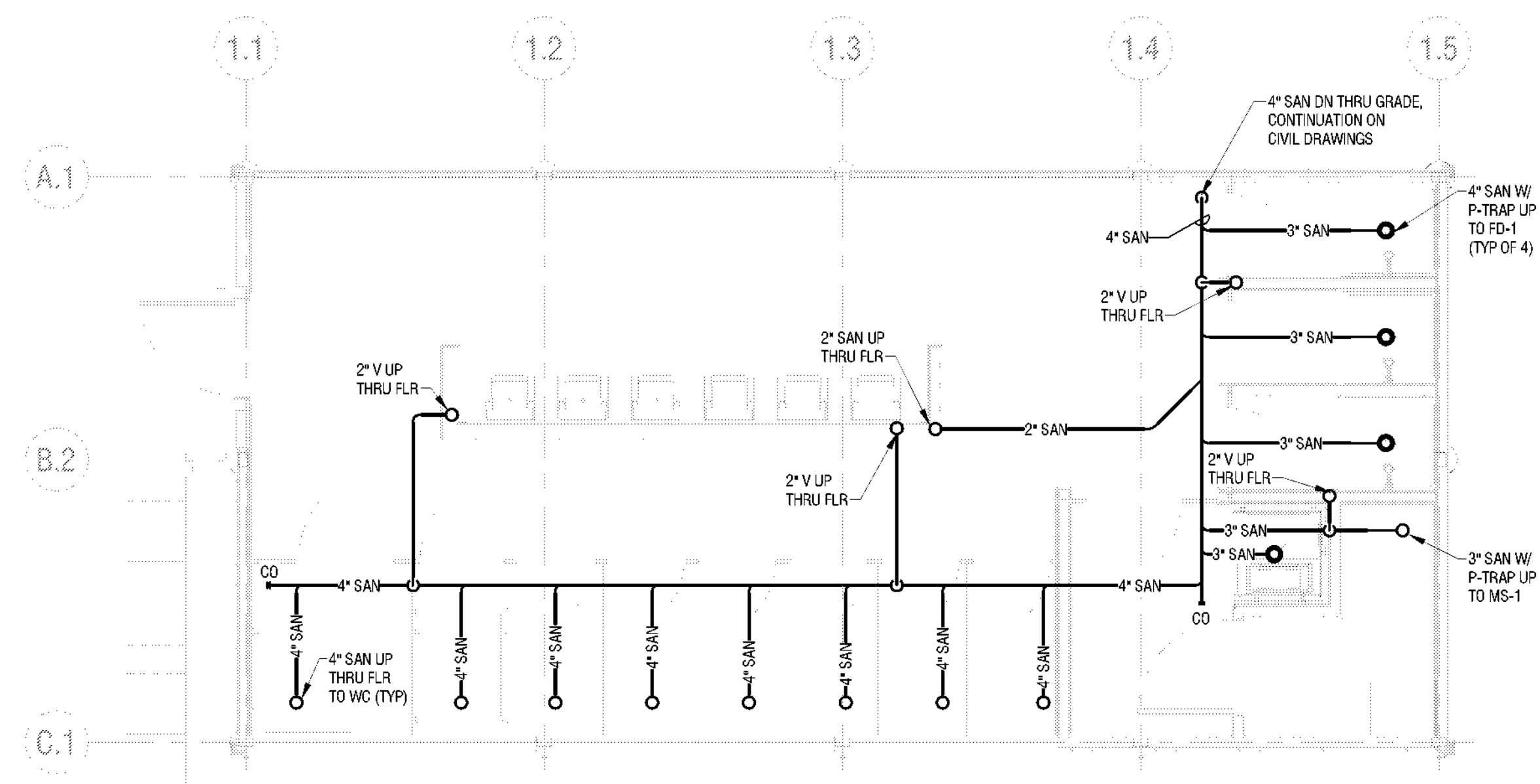
4 BATHHOUSE 231 AND 322 PLUMBING PLAN - DOMESTIC
P102 1/4" = 1'-0"



3 BATHHOUSE 231 AND 322 PLUMBING PLAN - SANITARY/VENT
P102 1/4" = 1'-0"



2 BATHHOUSE 231 & 322 PLUMBING PLAN - UNDERFLOOR DOMESTIC
P102 1/4" = 1'-0"



1 BATHHOUSE 231 & 322 PLUMBING PLAN - UNDERFLOOR SANITARY/VENT
P102 1/4" = 1'-0"

New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul
Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

ARCHITECT:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects,
Engineers, and Planners, P.C.

**SURVEYOR/STRUCTURAL/
MEP ENGINEER:**

LaBella Associates
300 State Street, Suite 2012
Rochester, NY 14614

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017976
Geological: 018750

LaBella
ASSOCIATES

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

Rev No	Description	Date

Drawn By:
NAF

Design By:
NAF

Checked By:
JMD

Approved By:
JMD

Date:
3/16/2023

Seal and Signature

EXP: 08/21/2025

Sheet Title:
CAMP JUNIOR
PLUMBING
PLANS

Bid Documents

Project Number:
2222163.05

Drawing Number:
P102

Sheet:

3/30/2023 8:46:09 AM

ELECTRICAL LEGEND

ELECTRICAL GENERAL NOTES

- FOR EXACT LOCATIONS AND SURFACE FINISH CONDITIONS OF CEILINGS, WALLS, OR FLOORS, REFER TO ARCHITECTURAL DRAWINGS.
- FOR EXACT LOCATION OF FACILITY EXPANSION JOINTS, FIRE RATED WALLS, AND SMOKE WALLS, REFER TO ARCHITECTURAL DRAWINGS.
- VERIFY EXACT LOCATION OF CONNECTION POINTS PRIOR TO ROUGH-IN.
- COORDINATE LOCATIONS OF ALL RECEPTACLES AND LUMINAIRES IN MECHANICAL SPACES WITH HVAC CONTRACTOR PRIOR TO ROUGH-IN TO AVOID CONFLICTS WITH EQUIPMENT AND DUCTWORK.
- MOUNTING HEIGHTS ARE TO CENTER OF DEVICE OR EQUIPMENT UNLESS NOTED OTHERWISE. EXCEPT FOR PENDANT LIGHTING WHICH ARE TO THE BOTTOM OF THE LUMINAIRE. FOR AREAS WITH DIFFERENT FLOOR LEVELS, HEIGHT IS BASED UPON CLOSEST FLOOR OR LANDING TO DEVICE, EQUIPMENT, OR LUMINAIRE. ELEVATIONS GIVEN ON LEGEND SHEET ARE UNLESS NOTED OTHERWISE ON DRAWINGS.
- PROVIDE RACEWAY, WIRE AND CABLE, ASSOCIATED FITTINGS AND CONNECTORS, AND COMPLETE CONNECTIONS REQUIRED FOR DESIGNATED BRANCH CIRCUITS FROM DEVICE(S) TO FINAL OVERCURRENT DEVICE AND TO LOCAL CONTROL DEVICE(S) PER SPECIFICATIONS.
- MINIMUM BRANCH CIRCUIT WIRE SIZE SHALL BE #12 AWG. SIZE BRANCH CIRCUIT CONDUCTORS AS PER NEC AND AS SCHEDULED ON THIS DRAWING BASED ON ACTUAL CIRCUIT DISTANCE. INCLUDE GROUND CONDUCTOR DERATINGS.
- PULL A SEPARATE NEUTRAL CONDUCTOR FOR ALL BRANCH CIRCUITS REQUIRING A NEUTRAL CONNECTION. DERATE CONDUCTORS PER NEC ACCORDINGLY. MULTIWIRE BRANCH CIRCUITS ARE NOT ACCEPTABLE.
- PROVIDE GROUNDING PER NEC & TIA 607B. PROVIDE GREEN GROUND CONDUCTOR IN ALL BRANCH AND FEEDER CIRCUITS.
- DO NOT INSTALL ANY NEW WORK DIRECTLY ABOVE ANY ELECTRICAL PANELS, SWITCHBOARDS, SWITCHGEAR, OR TRANSFORMERS.
- CONFIRM ALL LABELS AND ROOM NUMBERS WITH OWNER PRIOR TO FINALIZING LABELING AND PROGRAMMING.
- COORDINATE FINAL OUTLET LOCATION WITH ALL TRADES AND FURNITURE/MILLWORK PLACEMENT PRIOR TO ROUGH-IN. GENERAL CONTRACTOR SHALL PROVIDE ALL DRILLING AND GROMMETING IN FURNITURE/CASEWORK FOR CORD ACCESS IF REQUIRED.
- SWITCHES SHOWN SIDE BY SIDE OR GANGED SHALL BE INSTALLED UNDER A COMMON COVERPLATE, UNLESS NOTED OTHERWISE.
- PROVIDE FIRESTOPPING AT ALL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, CEILINGS, & ROOFS AS CALLED OUT ON ARCHITECTURAL PLANS. PROVIDE ACOUSTICAL SEALANT AT PENETRATIONS THROUGH ALL NON-FIRE RATED WALLS, FLOORS, & CEILINGS.
- PROVIDE CONDUIT EXPANSION JOINTS AT ALL EXPANSION JOINTS AS CALLED OUT ON ARCHITECTURAL PLANS.
- SITE PLAN CONDUIT ROUTING SHOWN FOR INTENT. REFERENCE CIVIL DRAWINGS FOR UNDERGROUND COORDINATION AND DISTANCE OF RUNS. COORDINATE WITH ALL TRADES.
- WORK INDICATED ON THIS SHEET SHALL BE PERFORMED BY THE ELECTRICAL CONTRACTOR (EC) UNLESS OTHERWISE NOTED.
- COORDINATE ALL WORK WITH THE WORK OF ALL OTHER CONTRACTORS.
- ELECTRICAL CONTRACTOR (EC) SHALL PROVIDE CIRCUIT BREAKER, RACEWAY AND CONDUCTORS TO FEED EWH-1, ALONG WITH SAFETY DISCONNECT SWITCH FOR SAME.
- ELECTRICAL CONTRACTOR (EC) SHALL PROVIDE CIRCUIT BREAKER, RACEWAY AND CONDUCTORS TO FEED EWH-2, ALONG WITH SAFETY DISCONNECT SWITCH FOR SAME.
- EC SHALL PROVIDE DISCONNECTS, OCCUPANCY SENSORS AND ALL CONDUCTORS, RACEWAY AND BOXES TO EXHAUST FANS. EC SHALL CONNECT MC'S VARIABLE SPEED CONTROLLER TO DISCONNECT (BY EC), WALL OCCUPANCY SENSOR (BY EC) AND POWER FEED (BY EC) AND PROVIDE REQUIRED RACEWAY AND CONDUCTORS.
- THE CONDUIT AND WIRING FROM THE ELECTRIC PANEL UP TO BUT NOT INCLUDING THE SPEED CONTROLLER SHALL BE BY THE ELECTRICAL CONTRACTOR. THE SPEED CONTROLLER AND ALL CONDUIT AND WIRING BETWEEN THE CONTROLLER COMPONENTS AND THE UNIT SHALL BE BY THE MECHANICAL CONTRACTOR AND SHALL CONFORM TO THE ELECTRICAL SPECIFICATIONS AND CONTRACT DRAWINGS.
- COORDINATION NOTE: EXHAUST FAN PROVIDED BY MECHANICAL CONTRACTOR. POWER CONNECTION AND OCCUPANCY CONTROLS, CONDUCTORS, RACEWAY BY ELECTRICAL CONTRACTOR.

ABBREVIATIONS

°	DEGREES	kAIC	KILOAMPERE INTERRUPTING CURRENT
Δ	DELTA	kAIR	KILOAMPERE INTERRUPTING RATING
Ω	OHMS	KO	KNOCK OUT
Ø	PHASE	KV	KILOVOLT
Y	WYE	KVA	KILOVOLT-AMPERE
		KW	KILOWATT
		KWh	KILOWATT HOUR
A	AMPERE		
AFCI	ARC-FAULT CIRCUIT INTERRUPTING	LED	LIGHT EMITTING DIODE
AF	AMPERE FUSE	LTG	LIGHTING
AFF	ABOVE FINISHED FLOOR	LV	LOW VOLTAGE
AFS	AMPERE FRAME SIZE		
AFG	ABOVE FINISHED GRADE	MC	MECHANICAL CONTRACTOR
AHJ	AUTHORITY HAVING JURISDICTION	MCA	MINIMUM CIRCUIT AMPERES
AHU	AIR HANDLING UNIT	MCB	MAIN CIRCUIT BREAKER
AIC	AMPERE INTERRUPTING CAPACITY	MECH	MECHANICAL
ALUM	ALUMINUM	MFR	MANUFACTURER
AM	AMMETER	MH	MANHOLE
ANN	ANNUNCIATOR	MIN	MINIMUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MLO	MAIN LUGS ONLY
ATS	AUTOMATIC TRANSFER SWITCH		
AV	AUDIO VISUAL	NEC	NATIONAL ELECTRICAL CODE
AVG	AVERAGE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
AWG	AMERICAN WIRE GAUGE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
		NIC	NOT IN CONTRACT
BFC	BELOW FINISHED CEILING	NL	NIGHT LIGHT
BFG	BELOW FINISHED GRADE	NTS	NOT TO SCALE
BLDG	BUILDING		
		OC	ON CENTER
CND	CONDUIT	OH	OVERHEAD
CB	CIRCUIT BREAKER		
CKT	CIRCUIT	P	POLE
CLG	CEILING	PA	PUBLIC ADDRESS
CM	CONSTRUCTION MANAGER	PB	PULLBOX
CO	COMPANY	PC	PERSONAL COMPUTER
CU	COPPER	PH	PHASE
		PNL	PANEL
DC	DIRECT CURRENT	PLC	PROGRAMMABLE LOGIC CONTROLLER
D/A	DIAMETER	POE	POWER OVER ETHERNET
DISC	DISCONNECT	PRI	PRIMARY
DN	DOWN	PT	POTENTIAL TRANSFORMER
DWG	DRAWING	PTZ	PAN/TILT/ZOOM
		PVC	POLYVINYL CHLORIDE
		PWR	POWER
EA	EACH	RCP	REFLECTED CEILING PLANS
EC	ELECTRICAL CONTRACTOR	RECP	RECEPTACLE
ECB	ENCLOSED CIRCUIT BREAKER	RMC	RIGID METAL CONDUIT
EF	EXHAUST FAN		
EGC	EQUIPMENT GROUNDING CONDUCTOR	SCHED	SCHEDULE
ELEC	ELECTRIC	SEC	SECONDARY
EMT	ELECTRICAL METALLIC TUBING	SPT	SINGLE POLE DOUBLE THROW
EQUIP	EQUIPMENT	SPST	SINGLE POLE SINGLE THROW
EXH	EXHAUST		
		TYP	TYPICAL
FLR	FLOOR		
FU SW	FUSED SWITCH	UGND	UNDERGROUND
FTL	FEED THRU LUGS	UNO	UNLESS NOTED OTHERWISE
		V	VOLT
GC	GENERAL CONTRACTOR	VA	VOLT-AMPERE
GEC	GROUND ELECTRODE CONDUCTOR		
GEN	GENERATOR	W	WATT
GFCI	GROUND FAULT CIRCUIT INTERRUPTING	WAN	WIRELESS ACCESS POINT
GFI	GROUND FAULT INTERRUPTING	WAP	WEATHERPROOF COVER
G	GROUND	WR	WEATHER RESISTANT
		WR	WIRE SIZING AMPS
HP	HORSEPOWER	XFMR	TRANSFORMER
HTR	HEATER		
ID	INSIDE DIAMETER		
IMC	INTERMEDIATE METAL CONDUIT		
J-BX	JUNCTION BOX		

DEVICE SUBSCRIPTS

II	ROMAN NUMERAL INDICATES QUANTITY OF GANGED DEVICES UNDER COMMON FACEPLATE
+XX	HEIGHT OF DEVICE ABOVE FINISHED FLOOR (IN INCHES)
L	LOWER CASE LETTER(S) INDICATES SWITCH CONTROL ARRANGEMENT
S	NUMERAL INDICATES BRANCH CIRCUIT NUMBER (POWER & LIGHTING)/CANDELA RATING (FIRE ALARM DEVICES)
A	WITH AUXILIARY CONTACTS
AC	INSTALL ABOVE COUNTER, AT 40" AFF. COORDINATE WITH GC
B	REMOVE DEVICE AND INSTALL BLANK COVERPLATE
BF	BLANKFACE GFCI
CD	CORD DROP RECEPTACLE
CH	CLOCK HANGER RECEPTACLE
CL	INSTALL FLUSH IN CEILING
CLS	INSTALL ON SURFACE OF CEILING
C*	CONTROL POINT IDENTIFIER (*) INDICATES CONTROL NUMBER)
COP	RECEPTACLE FOR COPIER, INSTALL 18" AFF
COP	RECEPTACLE FOR COFFEE, INSTALL 44" AFF
D	DIMMER SWITCH (LIGHTING CONTROL)
E	EXISTING BACKBOX TO REMAIN AND BE REUSED
EN	EXISTING BACKBOX WITH NEW DEVICE
EO	EQUIPMENT SUPPLIED BY OWNER
ER	EXISTING TO BE REMOVED
ERL	EXISTING TO BE RELOCATED
ETR	EXISTING TO REMAIN
EWG	RECEPTACLE FOR WATER COOLER. COORDINATE EXACT LOCATION WITH GC & PC PRIOR TO ROUGH-IN
EXP	EXPLOSION PROOF
FL	INSTALL FLUSH IN FLOOR
FB	INSTALL IN FLOORBOX/POKE THRU
FRA	FIRE RATED ASSEMBLY
GFCI	GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE
GFI	GROUND FAULT CIRCUIT INTERRUPTING BREAKER PROTECTED
GFP	FEED THROUGH GROUND FAULT CIRCUIT INTERRUPTING PROTECTED
H	INSTALL HORIZONTALLY
HA	HIGH ABUSE COVERPLATE WITH CENTER PIVOT REJECT SCREWS
IG	ISOLATED GROUND RECEPTACLE
K	KEY OPERATED
L	LOCATOR STYLE TOGGLE SWITCH (PILOT LIGHT 'ON' WHILE DEVICE IS OFF OR UNPOWERED)
LV	LOW VOLTAGE
M	INSTALL IN MULLION
M*	MONITORING POINT IDENTIFIER (*) INDICATES MONITORING POINT NUMBER)
MCW	RECEPTACLE FOR MICROWAVE, INSTALL IN UPPER CABINET, COORDINATE EXACT LOCATION WITH GC PRIOR TO ROUGH-IN
N	INDICATES NEW DEVICE
NC	NOT IN CONTRACT/PROVIDE BY OTHERS
NL	NIGHT LIGHT LUMINAIRE (UNSWITCHED) / INTEGRAL NIGHT LIGHT STYLE RECEPTACLE
NLG	INTEGRAL NIGHT LIGHT STYLE GFCI RECEPTACLE
O	OCCUPANCY SENSOR (AUTOMATIC 'ON' LIGHTING SENSOR SWITCH)
P	PILOT STYLE TOGGLE SWITCH (PILOT LIGHT 'ON' WHILE DEVICE IS ON OR POWERED)
PH	FOR PHONE, INSTALL 54" AFF
PI	POWER INDICATING RECEPTACLE
PJ	RECEPTACLE FOR PROJECTOR, INSTALL FLUSH IN CEILING
PP	BACKBOX FOR AUTODOOR PUSH PLATE
RP	RELAY DESIGNATION (*) INDICATES RELAY NUMBER)
REF	RECEPTACLE FOR REFRIGERATOR, INSTALL 44" AFF
S	INSTALL ON SURFACE
SP	SURGE PROTECTOR STYLE RECEPTACLE
SR	INSTALL IN SURFACE RACEWAY
SW	SPLIT WIRED RECEPTACLE FOR REMOTE SWITCHING
T	DIGITAL ELECTRONIC INTERVAL TIMER (LIGHTING SWITCH)
TR	TAMPER RESISTANT
TS	DIGITAL ELECTRONIC PROGRAMMABLE TIME SWITCH (LIGHTING SWITCH)
TV	FOR TELEVISION MONITOR, INSTALL 72" AFF
UC	INSTALL UNDER COUNTER. COORDINATE EXACT LOCATION WITH GC PRIOR TO ROUGH-IN
USB	RECEPTACLE WITH USB CHARGING PORTS
VEND	RECEPTACLE FOR VENDING MACHINE, INSTALL 44" AFF
V	VACANCY SENSOR (MANUAL 'ON' LIGHTING SENSOR SWITCH)
W	INSTALL 44" AFF
WG	WIRE GUARD
WP	WEATHERPROOF DEVICE / WEATHERPROOF WHILE-IN-USE EXTRA DUTY COVER & WEATHER RESISTANT RECEPTACLE
WPS	WEATHERPROOF SPRING LOADED COVER (WEATHERPROOF WHEN CLOSED), WEATHER RESISTANT RECEPTACLE
WR	WEATHER RESISTANT DEVICE/WEATHER RESISTANT RECEPTACLE
Z*	DEVICE ZONE IDENTIFIER (*) INDICATES ZONE NUMBER)

GENERAL LINEWORK DESCRIPTIONS & DRAWINGS NOTES

—————	NEW WORK
—————	EXISTING WORK / FUTURE PROVISIONS / NOT IN CONTRACT WORK
—————	WIRE AND / OR CONDUIT RUN CONTINUED ON REFERENCED DETAIL
#	DRAWING KEYED NOTES

BRANCH CIRCUIT CONDUCTOR SIZING

CIRCUIT NOTATION:

11.13	CIRCUIT NUMBER(S)
11.NLT	SOURCE PANELBOARD (IF OTHER THAN NOTED ON SHEET/CIRCUIT BOUNDARY)

PROVIDE MINIMUM WIRE SIZE AS FOLLOWED UNLESS NOTED OTHERWISE:

20A CB - #12 AWG
30A CB - #10 AWG
40A CB - #8 AWG
50A CB - #6 AWG

INCREASE SIZE OF CONDUCTOR FOR DISTANCE AS SHOWN BELOW IN 20A BRANCH CIRCUIT CONDUCTOR SIZING SCHEDULE.

20A BRANCH CIRCUIT CONDUCTOR SIZING SCHEDULE:

CONDUCTOR SIZE (AWG)	#12	#10	#8	#6	#4
MAXIMUM BRANCH CIRCUIT LENGTH AT 120V (FEET)	90	140	225	355	565
MAXIMUM BRANCH CIRCUIT LENGTH AT 277V (FEET)	205	325	520	825	1310

NOTES:

- INCREASE ALL BRANCH CIRCUIT CONDUCTORS AS INDICATED BASED ON LENGTH OF CIRCUIT, INCLUDING EQUIPMENT GROUNDING CONDUCTOR.
- TRANSITION FROM LARGER CONDUCTOR SIZE TO #12 AWG FOR FINAL TERMINATION TO OUTLET DEVICE. PROVIDE JUNCTION BOX WITHIN 10' OF OUTLET AND EXTEND #12 AWG CONDUCTORS TO OUTLET.
- LENGTHS ARE FROM OVERCURRENT PROTECTIVE DEVICE, ALONG CIRCUIT ROUTING, TO CENTER OF EQUIPMENT LOAD.
- SCHEDULE ASSUMES 12A LOAD, FOR LOADS HIGHER THAN 12A, INCREASE CONDUCTOR SIZE.

EQUIPMENT CONNECTIONS

○	SINGLE PHASE MOTOR/PUMP CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE
⊗	THREE PHASE MOTOR/PUMP CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE
⊕	SINGLE POINT EQUIPMENT CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE

PANELBOARDS

PANELBOARD - FLOOR PLAN NOTATION:

DOOR STYLE (DESIGNATES VOLTAGE):
208/120V OR 240V SYSTEM

SIZE (DESIGNATES PANELBOARD TYPE):
PANELBOARD

FILL (DESIGNATES BRANCH TYPE):
NORMAL BRANCH PANELBOARD

ELECTRICAL DEVICES

GENERAL ELECTRICAL DEVICE NOTATION:

SOURCE PANELBOARD (IF OTHER THAN NOTED ON SHEET/CIRCUIT BOUNDARY)	15 11.NLT	CIRCUIT # INSTALLATION HEIGHT TO CENTER OF DEVICE IN INCHES (IF OTHER THAN SPECIFIED ON LEGEND) SUBSCRIPT (IF APPLICABLE)
⊕		NEMA 5-20R DUPLEX RECEPTACLE, 18" AFF
⊕		NEMA 5-20R GFCI DUPLEX RECEPTACLE, 18" AFF WP = WEATHERPROOF COVER

LIGHTING CONTROL DEVICES

NOTE: LIGHTING CONTROL DEVICES SHOW FUNCTIONAL REQUIREMENTS, NOT ALL DEVICES NEEDED FOR A FULLY FUNCTIONING SYSTEM. DEPENDING ON CONFIGURATION AND MANUFACTURER, DEVICES SUCH AS POWER PACKS, RELAYS, SINGLE/DOUBLE/TRIPLE OUTPUT ROOM CONTROLLERS MAY BE NECESSARY. REFER TO DETAILS & SPECIFICATIONS.

\$	SINGLE POLE TOGGLE SWITCH, 44" AFF
\$	SINGLE POLE KEYSWITCH, 44" AFF
\$OS	OCCUPANCY SENSOR SWITCH, DUAL TECHNOLOGY SINGLE POLE, WALL-BOX STYLE, 44" AFF
OS	OCCUPANCY SENSOR, LOW VOLTAGE, DUAL TECHNOLOGY, WIDE VIEW, CEILING MOUNTED
⊙	PHOTOCELL DEVICE, LINE VOLTAGE, 12" ABOVE ROOF, AIMED NORTH

LIGHTING

GENERAL LUMINAIRE NOTATION:

SOURCE PANELBOARD (IF OTHER THAN NOTED ON SHEET/CIRCUIT BOUNDARY)	15 11.NLT	CIRCUIT # SWITCH/LEG CONTROL ARRANGEMENT RELAY DESIGNATION (IF APPLICABLE) LUMINAIRE TYPE - REFER TO LUMINAIRE SCHEDULE
ARROW INDICATES AIMING DIRECTION (WHERE APPLICABLE)		DOTS INDICATE PENDANT HUNG TAIL INDICATES WALL MOUNT STYLE LUMINAIRE
□		GEOMETRIC SHAPE LUMINAIRE, RECESSED OR SURFACE MOUNTED PER LUMINAIRE SCHEDULE
⊗		ILLUMINATED EXIT SIGN - SINGLE/DOUBLE FACE AS SHOWN - DIRECTION OF ARROWS AS INDICATED - CEILING, SURFACE WALL, OR PERPENDICULAR WALL AS SHOWN
⊕		SELF-CONTAINED BATTERY LIGHTING UNIT



Governor Kathy Hochul

New York State
Parks, Recreation and
Historic Preservation

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

ARCHITECT:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

SURVEYOR/STRUCTURAL/ MEP ENGINEER:

LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017975
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:

CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:

HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

JJS

Design By:

JJS

Checked By:

NCH

Approved By:

NCH

Date:

3/16/23

Sheet Title:

ELECTRICAL
NOTES, SYMBOL
LEGEND, &
ABBREVIATIONS

Bid Documents

Project Number:

21059.23

Seal and Signature

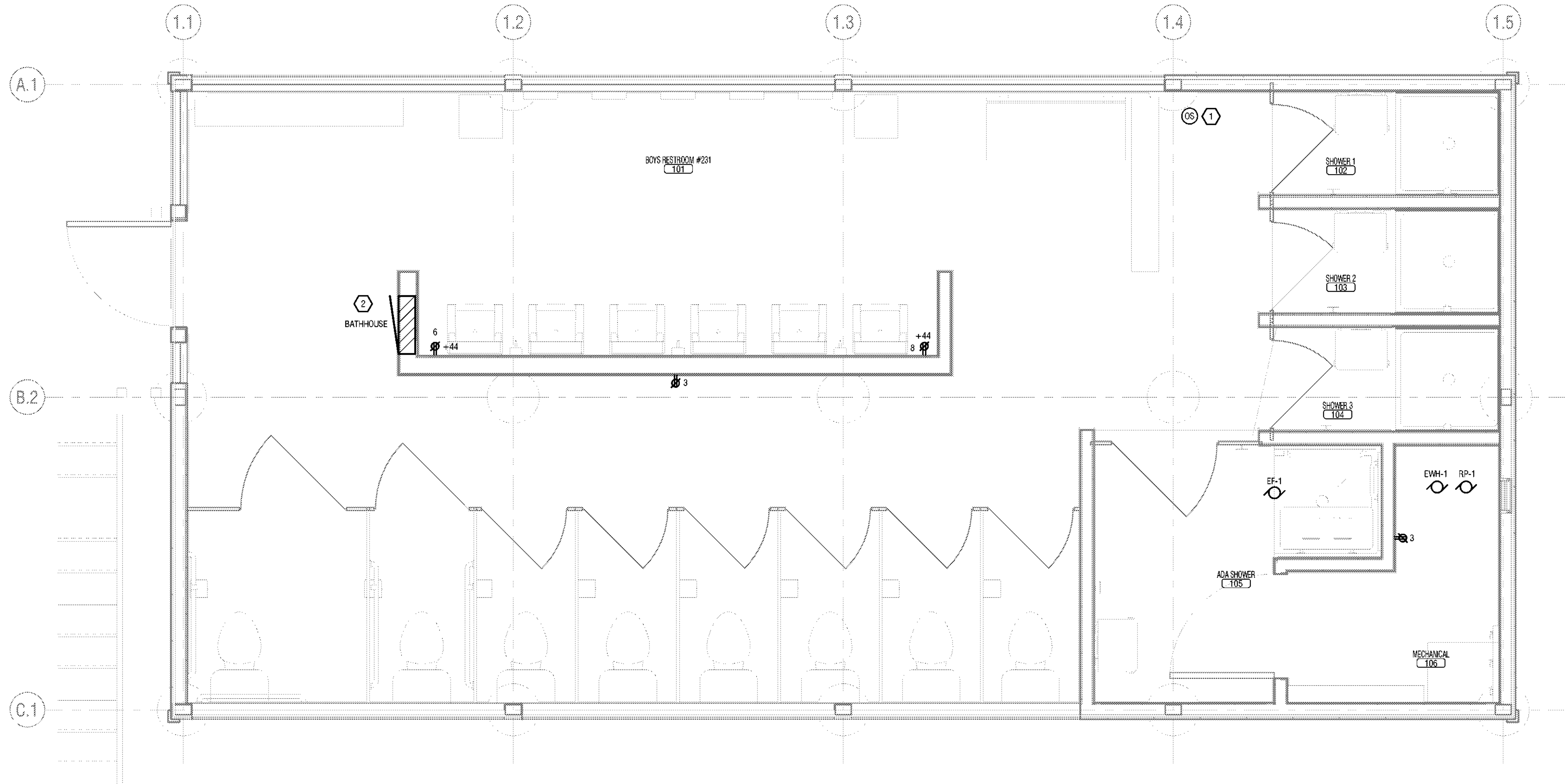


Drawing Number:

E001

Sheet:

3/30/2023 8:46:10 AM



1 BATHHOUSE #231 & #322 POWER PLAN
E101 1/2" = 1'-0"

DRAWING NOTES:

- A. CIRCUIT RECEPTACLES TO 20A1/1P CIRCUIT BREAKER IN BATH-HOUSE PANEL USING 2#12, 1 #12G IN 1/2", CIRCUIT NUMBER AS INDICATED.

KEYED NOTES:

- 1 PROVIDE OCCUPANCY SENSOR AND POWER PACK TO CONTROL EXHAUST FAN 1. COORDINATE LOCATION OF EXHAUST FAN WITH MECHANICAL CONTRACTOR.
2 MOUNT PANELBOARD AT 6'6" ABOVE FINISH FLOOR TO THE TOP OF TRIM.



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECT'S/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

ARCHITECT:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

SURVEYOR/STRUCTURAL/
MEP ENGINEER:
LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614

LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017975
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:
JJS


Design By:
JJS

Checked By:
NCH

Approved By:
NCH

Date:
3/16/23

Seal and Signature



Sheet Title:
**BATHHOUSE
#231 & #322
POWER PLANS**

Bid Documents

Drawing Number:
E101

Project Number:
21059.23

Sheet:

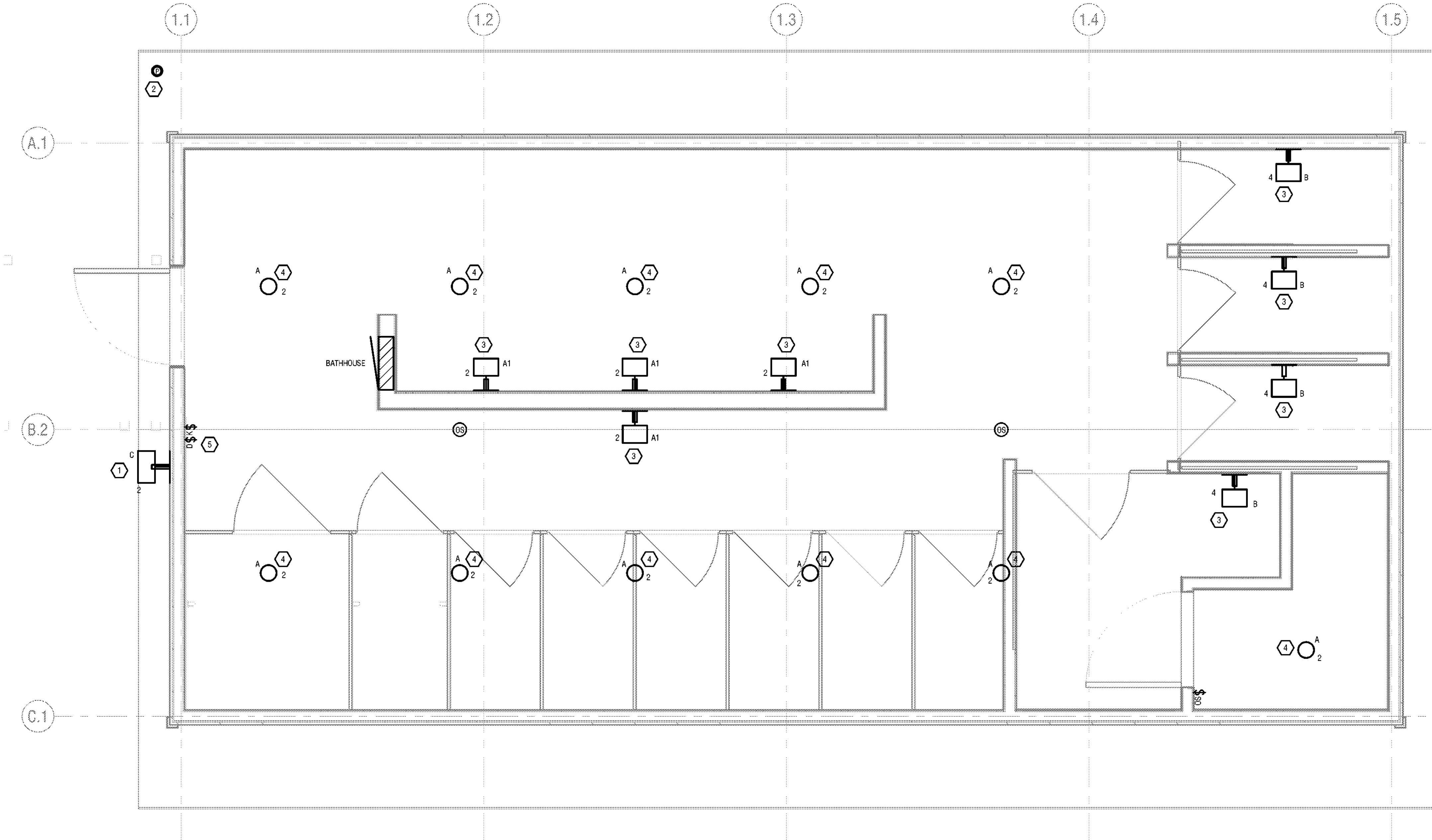
3/30/2023 8:46:11 AM

DRAWING NOTES:

A. CIRCUIT LIGHTING FIXTURES TOGETHER TO 20A/1P CIRCUIT BREAKER IN BATHHOUSE PANEL USING 2#12, 1#12G IN 1/20", CIRCUIT NUMBER AS INDICATED.

KEYED NOTES:

- 1 MOUNT FIXTURE AT 7'1" ABOVE FINISH FLOOR. FIXTURE SHALL BE CONTROLLED BY ROOF MOUNTED PHOTOCELL.
- 2 MOUNT PHOTOCELL TO THE SOFFIT FACING NORTH.
- 3 MOUNT BOTTOM OF FIXTURES AT 6'8" ABOVE FINISH FLOOR. FIELD VERIFY LOCATION PRIOR TO INSTALLATION.
- 4 MOUNT FIXTURE TO BLOCKING BETWEEN RAFTERS/TRUSS (BLOCKING BY GC).
- 5 MOUNT DIMMER SWITCH 6'2" ABOVE FINISH FLOOR AND ABOVE KEYED SWITCH.



1 BATHHOUSE #231 & #322 LIGHTING PLAN
E102 1/2" = 1'-0"



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

ARCHITECT:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

SURVEYOR/STRUCTURAL/
MEP ENGINEER:

LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614



LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Last Surveying: 017975
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

JJS

Design By:

JJS

Checked By:

NCH

Approved By:

NCH

Date:

3/16/23

Sheet Title:

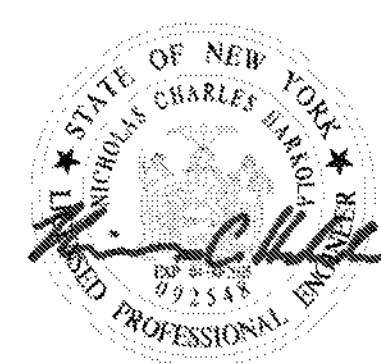
BATHHOUSE
#231 & #322
LIGHTING
PLANS

Bid Documents

Project Number:

21059.23

Seal and Signature

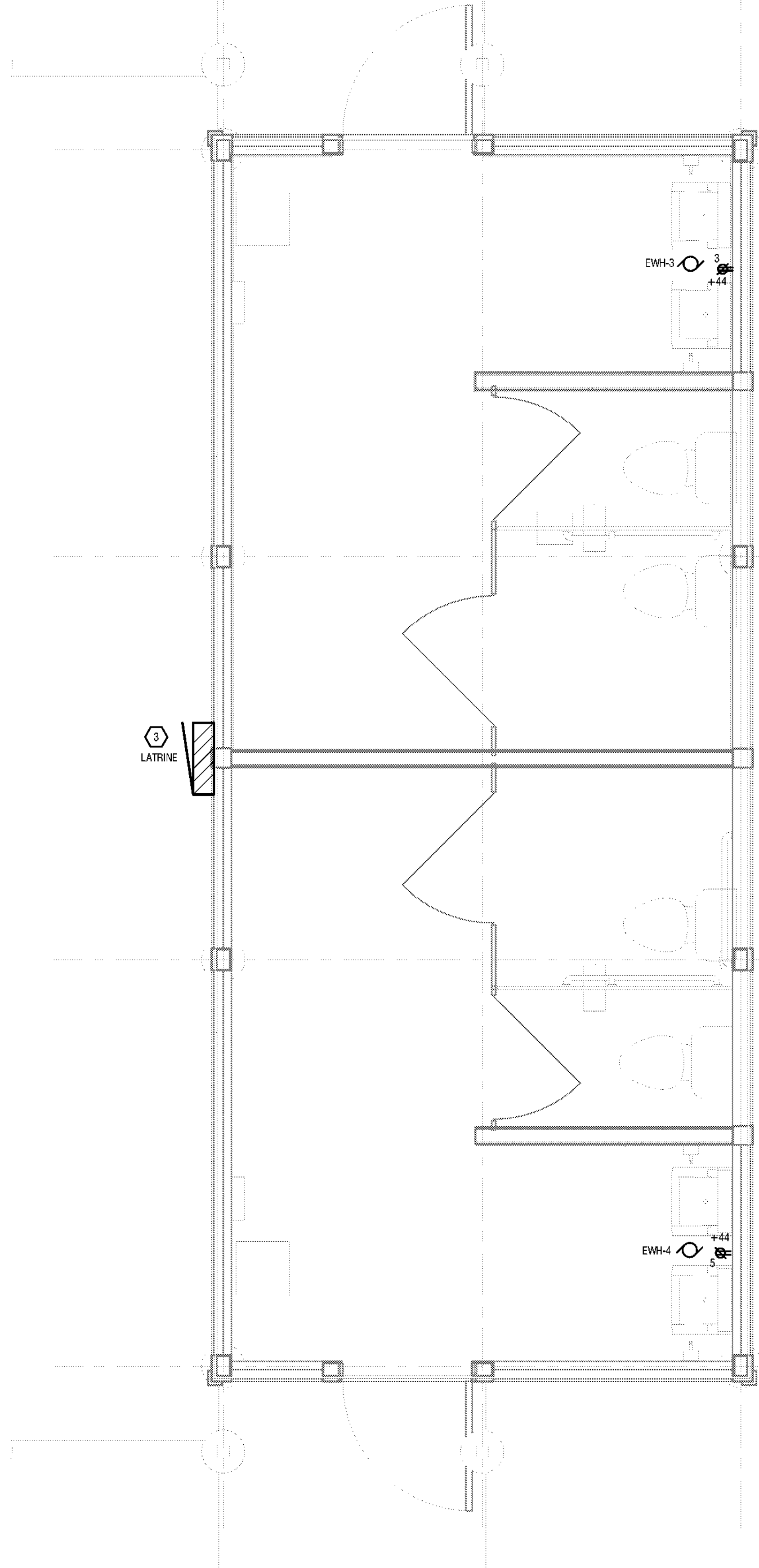


Drawing Number:

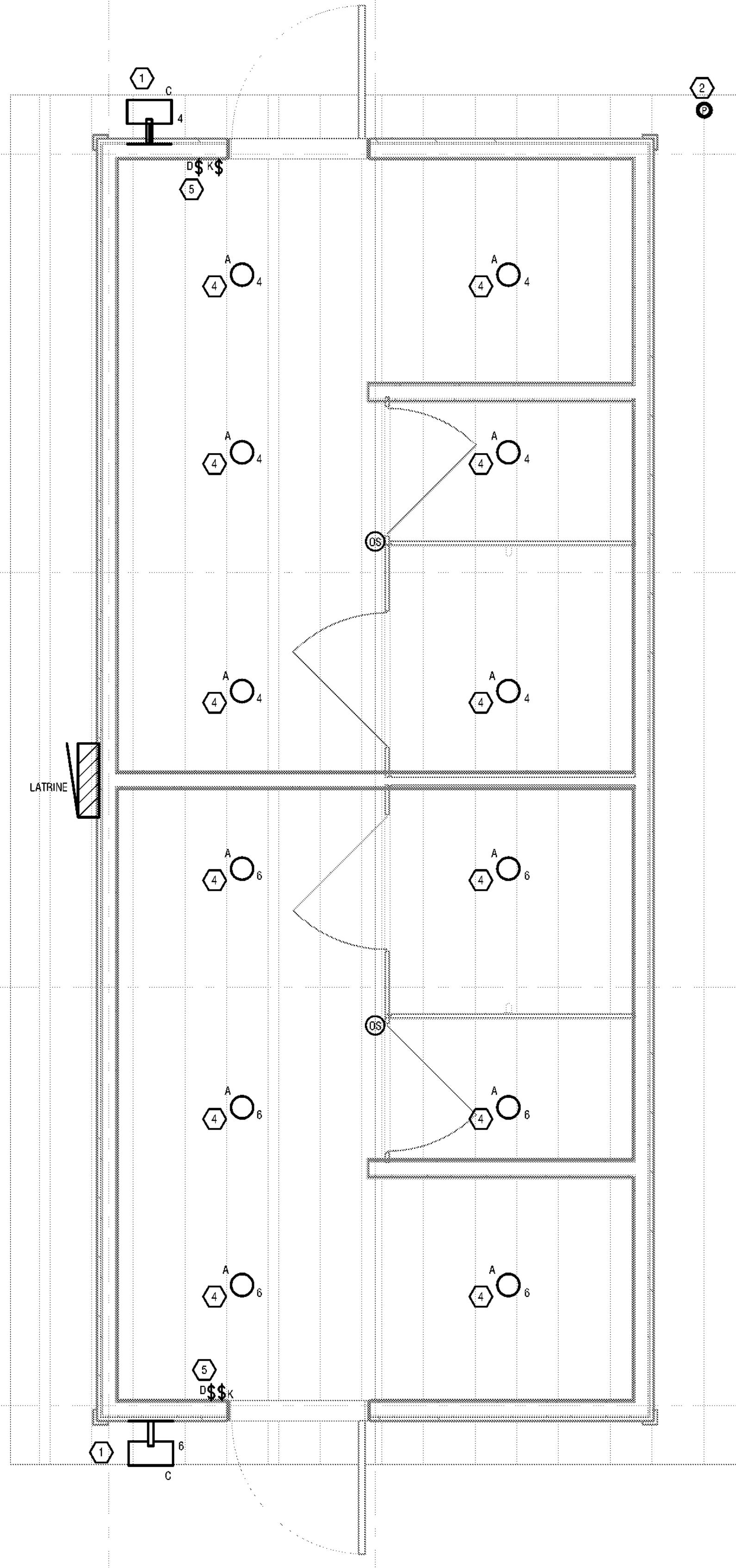
E102

Sheet:

3/30/2023 8:46:12 AM



1 LATRINE #427 POWER PLAN
1/2" = 1'-0"



2 LATRINE #427 LIGHTING PLAN
1/2" = 1'-0"

DRAWING NOTES:

- A. CIRCUIT RECEPTACLES TO 20A/1P CIRCUIT BREAKER IN LATRINE PANEL USING 2#12, 1#12G IN 1/2", CIRCUIT NUMBER AS INDICATED.
- B. CIRCUIT LIGHTING FIXTURES TO 20A/1P CIRCUIT BREAKER IN BATHHOUSE PANEL USING 2#12, 1#12G IN 1/2", CIRCUIT NUMBER AS INDICATED.

KEYED NOTES:

- 1 MOUNT FIXTURE AT 7'1" ABOVE FINISH FLOOR. FIXTURE SHALL BE CONTROLLED BY ROOF MOUNTED PHOTOCELL.
- 2 MOUNT PHOTOCELL TO THE SOFFIT FACING NORTH.
- 3 MOUNT PANELBOARD AT 4'8" ABOVE FINISH GRADE TO THE TOP OF TRIM.
- 4 MOUNT FIXTURE TO BLOCKING BETWEEN RAFTERS/TRUSS (BLOCKING BY GC).
- 5 MOUNT DIMMER SWITCH 6'2" ABOVE FINISH FLOOR AND ABOVE KEYED SWITCH.

New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul
Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS SIGNATURE. COPYRIGHT © 2023

ARCHITECT:
Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES
Landscape Architects, Architects
Engineers, and Planners, P.C.

SURVEYOR/STRUCTURAL/MEP ENGINEER:
LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614

LaBella

Certificate of Authorization Number:
Professional Engineering: 015281
Last Surveying: 017975
Geological: 018750

Palisades Region
Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS		
Rev No	Description	Date

Drawn By:
JJS

Design By:
JJS

Checked By:
NCH

Approved By:
NCH

Date:
3/16/23

Seal and Signature

Sheet Title:
LATRINE #427
POWER &
LIGHTING PLAN

Bid Documents

Project Number:
21059.23

Drawing Number:


E103

Sheet:

ENGINEERS AND ARCHITECTS, P.C.

**SURVEYOR/STRUCTURAL/
MEP ENGINEER:**

LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614


LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017976
Geological: 018750

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Key Plan

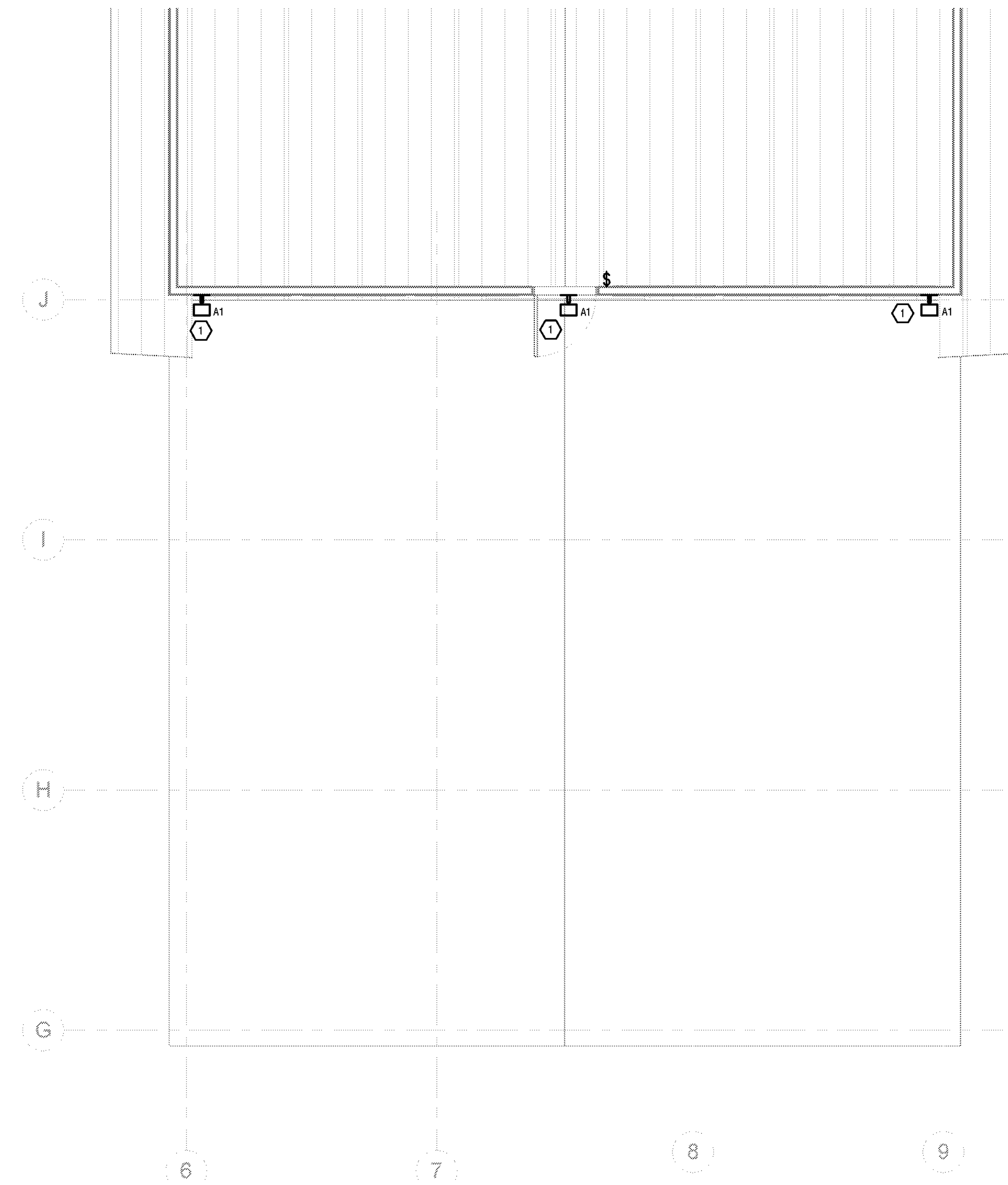
[illegible]

Drawn By: JJS	Seal and Signature
Design By: JJS	
Checked By: NCH	
Approved By: NCH	
Date: 3/16/23	

Sheet Title: DINING HALL #404 CANOPY LIGHTING PLANS	Drawing Number: E104
---	--

Bid Documents	
Project Number: 21059.23	Sheet:

1 MOUNT FIXTURE AT 10'-0" ABOVE FINISH FLOOR. CIRCUIT NEW LIGHTING FIXTURES USING 2#12, 1#12G IN 1/2" TO EXISTING CIRCUIT FEEDING THE EXIT SIGNS. ROUTE CONDUIT ON THE INSIDE OF THE BUILDING AND COME THROUGH EXTERIOR OF THE BUILDING AT THE LIGHT FIXTURES.



1 DINING HALL #404 CANOPY LIGHTING PLAN

3/30/2023 8:46:13 AM

LUMINAIRE SCHEDULE

ID	LAMP		MANUFACTURER	MODEL	DESCRIPTION	COLOR TEMP	LUMEN OUTPUT	NOTES
	TYPE	WATTS						
A	LED	17	RAB LIGHTING	VX100DG HOUSING	SURFACE MOUNT	2700K	1600	PROVIDE RAB LIGHTING A21-17-E26-927-DIM LED BULB
A1	LED	17	RAB LIGHTING	VXBR100DG HOUSING	WALL MOUNT	2700K	1600	PROVIDE RAB LIGHTING A21-17-E26-927-DIM LED BULB
B	LED	20	COOPER LIGHTING FAIL-SAFE SERIES	B95-HE-BRZ-LD4-20-30-CL-UNV-EDC1	WALL MOUNT	3000K	1200	HORIZONTAL ORIENTATION
C	LED	26	RAB LIGHTING	FFLED26V/E*	WALL MOUNT	3000K	3952	BRONZE FINISH. PROVIDE RAB LIGHTING PART VXCA WIRING BOX WITH XC1A COVER BOTH IN BRONZE FINISH

EQUIPMENT CONNECTION SCHEDULE

DESIGNATION	LOCATION	DESCRIPTION	LOAD	VOLTAGE	PHASE	POWER SOURCE	CIRCUIT NUMBER	PROTECTIVE DEVICE RATING (A)	NUMBER OF POLES	CONDUCTORS & CONDUIT	CONTROLLER TYPE	CONTROLLER SIZE	CONTROLLER ACCESSORIES	DISCONNECT	NOTES
EF-1	MECHANICAL	EXHAUST FAN	864 VA	115 V	1	BATHHOUSE	1	20	1	2#12, 1#12G, 1/2"C	OCCUPANCY SENSOR	20A	-	FACTORY MOUNTED	
EF-2	MECHANICAL	EXHAUST FAN	864 VA	115 V	1			20	1	2#12, 1#12G, 1/2"C	OCCUPANCY SENSOR	20A	-	FACTORY MOUNTED	SAME AS EF-1 EXCEPT LOCATED IN BATHHOUSE #322
EW1-1	MECHANICAL	ELECTRIC WATER HEATER	13200 VA	240 V	1	BATHHOUSE	5,7	70	2	2#8, 1#8G, 3/4"C	INTEGRAL	-	-	100A/70A/T FUSED DISCONNECT	CONFRIM CIRCUIT BREAKER REQUIRED WITH MANUFACTURER
EW1-2	MECHANICAL	ELECTRIC WATER HEATER	13200 VA	240 V	1			70	2	2#8, 1#8G, 3/4"C	INTEGRAL	-	-	100A/70A/T FUSED DISCONNECT	SAME AS EW1-1 EXCEPT LOCATED IN BATHHOUSE #322
EW1-3	MECHANICAL	ELECTRIC WATER HEATER	1400 VA	115 V	1	LATRINE	1	20	1	2#12, 1#12G, 1/2"C	-	-	-	PROVIDE GFI TYPE RECEPTACLE	
EW1-4	MECHANICAL	ELECTRIC WATER HEATER	1400 VA	115 V	1	LATRINE	2	20	1	2#12, 1#12G, 1/2"C	-	-	-	PROVIDE GFI TYPE RECEPTACLE	
RP-1	MECHANICAL	RECIRCULATION PUMP	25 VA	120 V	1	BATHHOUSE	9	15	1	2#8, 1#8G, 3/4"C	-	-	-	PROVIDE GFI TYPE RECEPTACLE	



New York State
Parks, Recreation and
Historic Preservation

Governor Kathy Hochul

Commissioner Erik Killeseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEER'S SIGNATURE. COPYRIGHT © 2023

ARCHITECT:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA
ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

SURVEYOR/STRUCTURAL/
MEP ENGINEER:

LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Last Surveying: 017903
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:

CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:

HARRIMAN STATE PARK

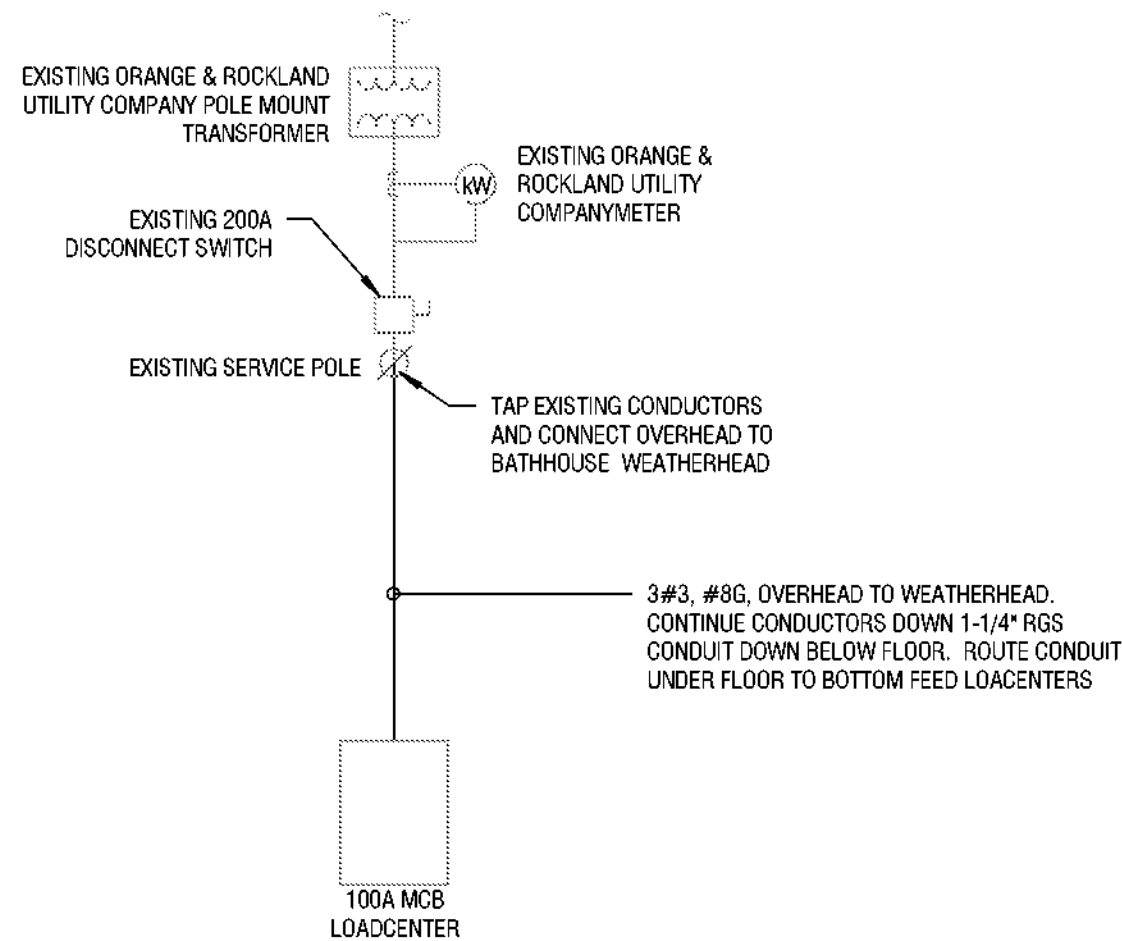
Key Plan

REVISIONS

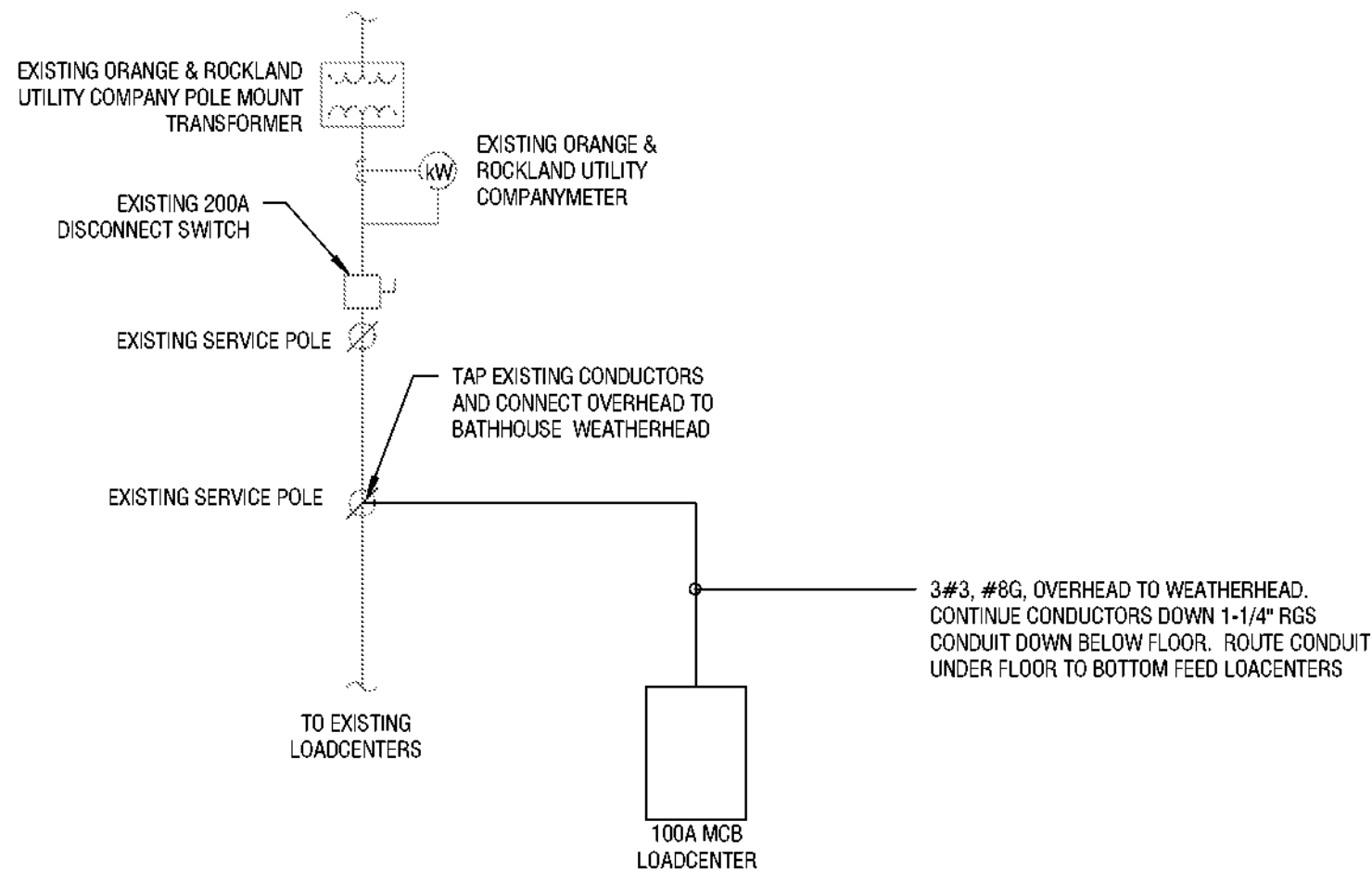
Rev No	Description	Date

Drawn By: JJS	<div>Seal and Signature</div> <div></div>
Design By: JJS	
Checked By: NCH	
Approved By: NCH	
Date: 3/16/23	
Sheet Title: SCHEDULES	Drawing Number: E600
Bid Documents	
Project Number: 21059.23	Sheet:

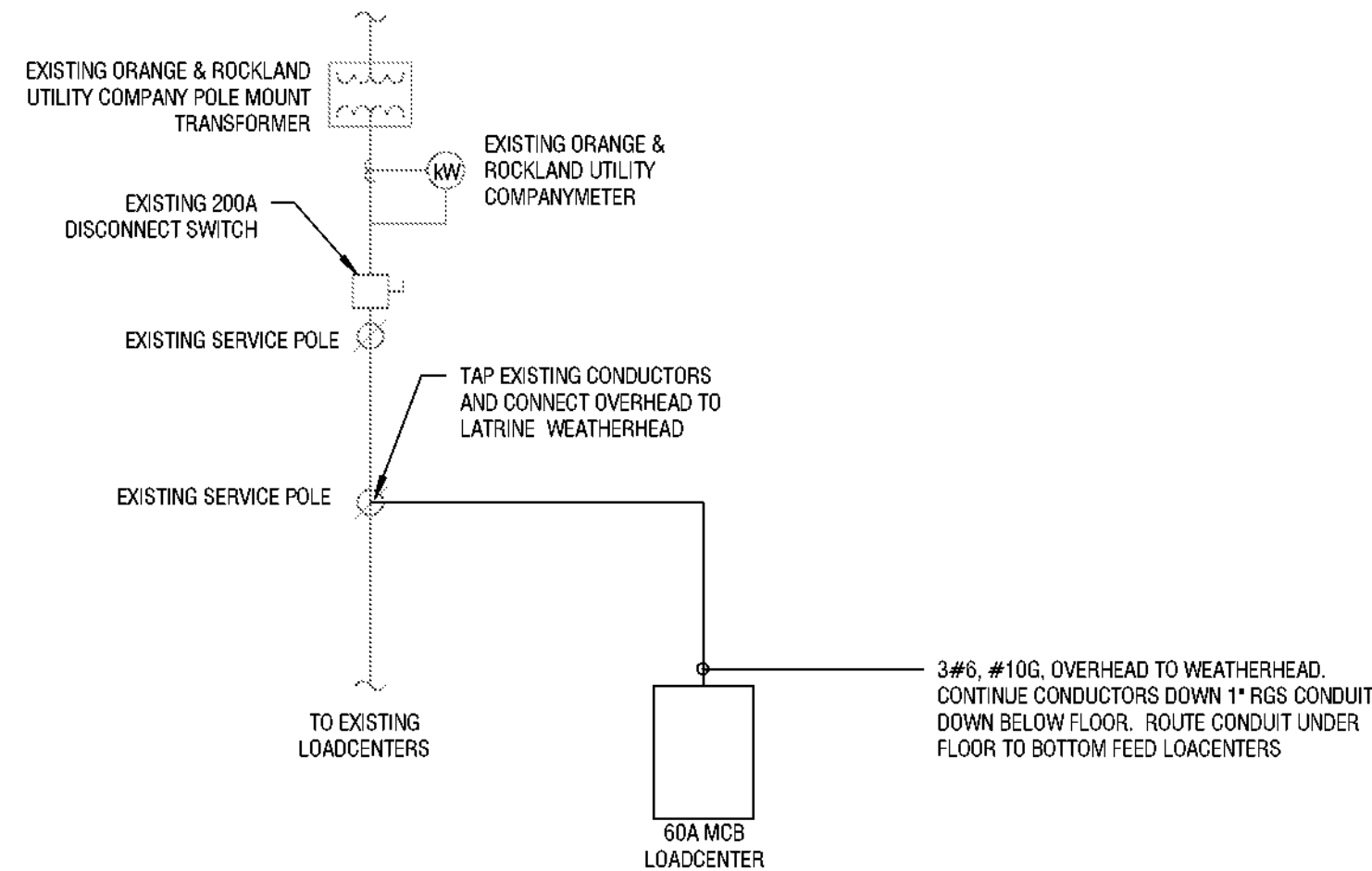
3/30/2023 8:46:14 AM



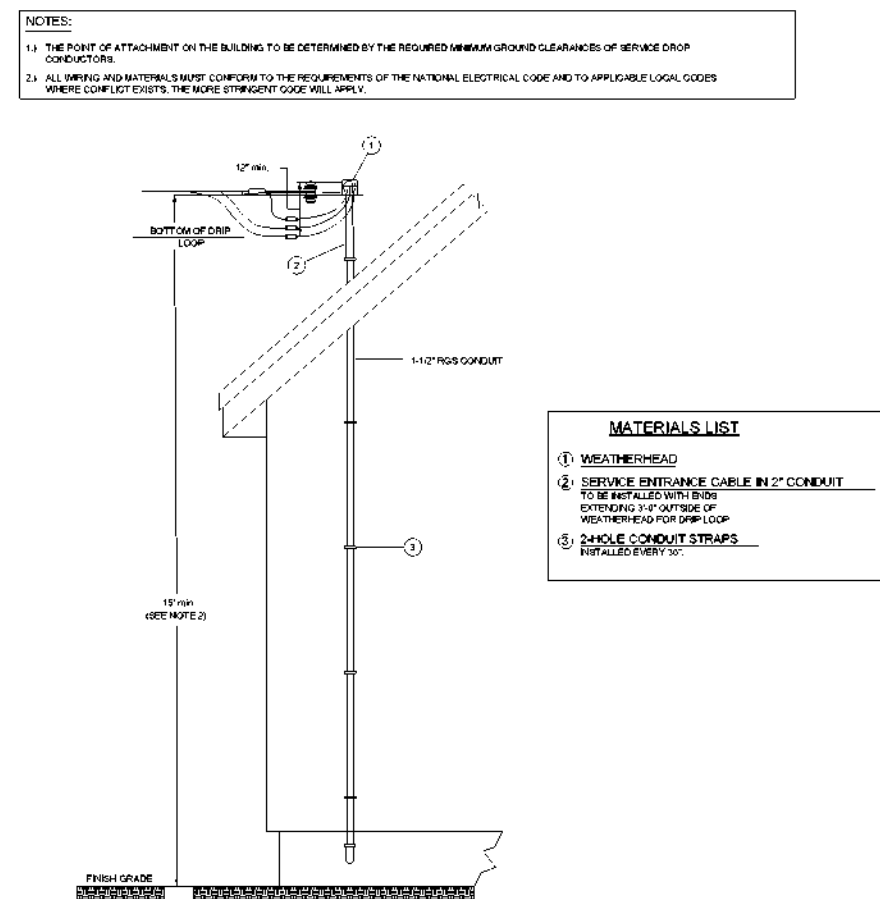
1
E700
POWER ONE-LINE DIAGRAM - BATHHOUSE #231
NOT TO SCALE



2
E700
POWER ONE-LINE DIAGRAM -BATHHOUSE #322
1/8\" = 1'-0"



3
E700
POWER ONE-LINE DIAGRAM - LATRINE
1/8\" = 1'-0"



4
E700
OVERHEAD SERVICE ENTRANCE DETAIL
1/8\" = 1'-0"

DESIGNATION: BATHHOUSE

LOCATION: BOYS RESTROOM #231 101

GE POWERMARK GOLD LOAD

CENTER

DISTRIBUTION VOLTAGE: 120/240V SINGLE PHASE

OF PHASES: 1

OF WIRES: 3

MOUNTING: RECESSED

ENCLOSURE TYPE: NEMA 3R

FULLY RATED AIC: 10,000

MAIN TYPE: MCB

BUS RATING: 100 A

MCB TRIP: 100 A

MODIFICATIONS:

FED FROM:

SERVICE ENTRANCE LABEL:

OPTIONS:

PANELBOARD SCHEDULE NOTATION:

* PROVIDE GFCI TYPE BREAKER

** REFER TO POWER DISTRIBUTION ONE-LINE DIAGRAM OR EQUIPMENT CONNECTION SCHEDULE(S) FOR TRIP RATING.

*** COORDINATE CIRCUIT BREAKER RATING WITH SPD MANUFACTURER

CKT	CIRCUIT DESCRIPTION	BKR	POLES	A		B		POLES	BKR	CIRCUIT DESCRIPTION	CKT
1	EF-1	20 A	1	864	455.4			1	20 A	LIGHTING	2
3	RECEPTACLES	20 A	1			360	80	1	20 A	SHOWER LIGHTING*	4
5				6150	180			1	20 A	RECEPTACLES	6
7	DWH-1	70 A	2			6150	180	1	20 A	RECEPTACLES	8
9	RP-1	20 A	1	25							10
11											12
13											14
15											16
17											18
19											20
21											22
23											24
TOTAL CONNECTED PHASE LOADS:				7871 VA		6770 VA					
TOTAL CONNECTED PHASE CURRENTS:				64 A		56 A					
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND LOAD		TOTALS			
Lighting		356 VA		100.00%		356 VA					
Motor		13189 VA		123.31%		16264 VA		CONNECTED LOAD: 14441 VA			
RECEP		900 VA		100.00%		900 VA		ESTIMATED DEMAND LOAD: 17516 VA			
								CONNECTED CURRENT: 60 A			
								ESTIMATED DEMAND CURRENT: 73 A			
								NON-COINCIDENT HEATING/COOLING: 0 A			
								ESTIMATED DEMAND - NC HEAT/COOL: 73 A			

DESIGNATION: LATRINE

LOCATION:

FED FROM:

SERVICE ENTRANCE LABEL:

OPTIONS:

GE POWERMARK GOLD LOAD

CENTER

DISTRIBUTION VOLTAGE: 120/240V SINGLE PHASE

OF PHASES: 1

OF WIRES: 3

MOUNTING: SURFACE

ENCLOSURE TYPE: NEMA 3R

FULLY RATED AIC: 10,000

MAIN TYPE: MCB

BUS RATING: 100 A

MCB TRIP: 60 A

MODIFICATIONS:

PANELBOARD SCHEDULE NOTATION:

* PROVIDE GFCI TYPE BREAKER

** REFER TO POWER DISTRIBUTION ONE-LINE DIAGRAM OR EQUIPMENT CONNECTION SCHEDULE(S) FOR TRIP RATING.

*** COORDINATE CIRCUIT BREAKER RATING WITH SPD MANUFACTURER

CKT	CIRCUIT DESCRIPTION	BKR	POLES	A		B		POLES	BKR	CIRCUIT DESCRIPTION	CKT
1	EW-H-3	15 A	1	1400	1400			1	15 A	DWH-2	2
3	RECEPTACLES	20 A	1			180	330.4	1	20 A	LIGHTING	4
5	RECEPTACLES	20 A	1	180	127			1	20 A	LIGHTING	6
7											8
9											10
11											12
13											14
15											16
17											18
19											20
21											22
23											24
TOTAL CONNECTED PHASE LOADS:				3103 VA		510 VA					
TOTAL CONNECTED PHASE CURRENTS:				26 A		4 A					
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND LOAD		TOTALS			
Lighting		279 VA		100.00%		279 VA					
Motor		2800 VA		112.50%		3150 VA		CONNECTED LOAD: 3612 VA			
RECEP		540 VA		100.00%		540 VA		ESTIMATED DEMAND LOAD: 3962 VA			
								CONNECTED CURRENT: 15 A			
								ESTIMATED DEMAND CURRENT: 17 A			
								NON-COINCIDENT HEATING/COOLING: 0 A			
								ESTIMATED DEMAND - NC HEAT/COOL: 17 A			



Governor Kathy Hochul

New York State
Parks, Recreation and
Historic Preservation

Commissioner Erik Kulesseid

IT IS A VIOLATION OF STATE EDUCATION LAW FOR ANY PERSON, UNLESS UNDER THE DIRECTION OF A LICENSED ARCHITECT/ENGINEER, TO ALTER THIS DOCUMENT IN ANYWAY. ALTERATIONS MUST HAVE THE SEAL AFFIXED ALONG WITH A DESCRIPTION OF THE ALTERATIONS, DATE AND ARCHITECTS/ENGINEERS' SIGNATURE. COPYRIGHT © 2023

ARCHITECT:

Saratoga Associates
21 Congress Street, Suite 201
Saratoga Springs, NY 12866

SARATOGA ASSOCIATES

Landscape Architects, Architects
Engineers, and Planners, P.C.

SURVEYOR/STRUCTURAL/ MEP ENGINEER:

LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614



LaBella

Certificate of Authorization Number:
Professional Engineering: 018281
Land Surveying: 017975
Geological: 018750

Palisades Region

Palisades Interstate Park Commission
Bear Mountain, New York 10911
(845) 786-2701
Executive Director: Joshua Laird

Project Title:
CAMP JUNIOR ON LAKE TIORATI -
PHASE 3

Project Location:
HARRIMAN STATE PARK

Key Plan

REVISIONS

Rev No	Description	Date

Drawn By:

JJS

Design By:

JJS

Checked By:

NCH

Approved By:

NCH

Date:

3/16/23

Sheet Title:

PARTIAL

ONE-LINE

DIAGRAM AND

SCHEDULES

Bid Documents

Project Number:

21059.23

Seal and Signature

CHARLES HARRIS

PROFESSIONAL

092548

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992

1992