ROBERT TREMAN STATE PARK - RESTROOM #3

CONSTRUCTION DOCUMENTS

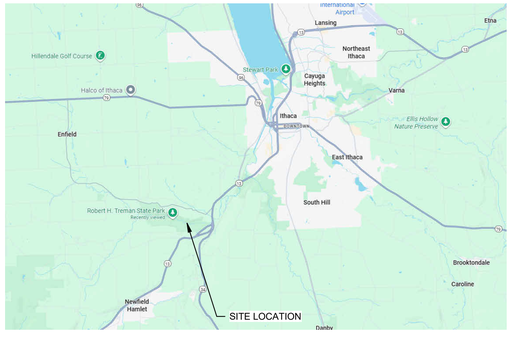
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

PROJECT LOCATION MAP





SITE LOCATION MAP



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GENERAL CONTRACT WORK (GCW) - D006612
ELECTRICAL CONTRACT WORK (ECW) - D006613
MECHANICAL CONTRACT WORK (HCW) - D00614
PLUMBING CONTRACT WORK (PCW) - D006615

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
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SYRACUSE, NY 13204
beardsley architects + engineers

Survey
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2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
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District: MID STATE
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ROBERT TREMAN STATE PARK
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ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT ANDREW HALPERN 022483 STATE OF NEW YORK
Exp. 09/30/2028

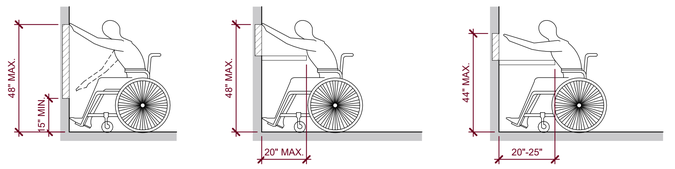
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COVER

Drawing Number:
G-000

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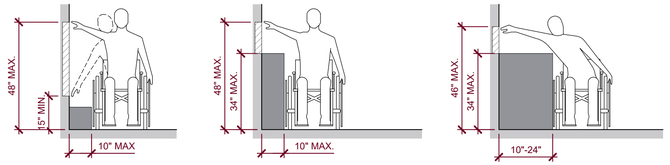
A. UNOBSTRUCTED FORWARD REACH | B. OBSTRUCTED HIGH FORWARD REACH | C. OBSTRUCTED HIGH FORWARD REACH

NOTES:

1. AREA REQUIRED FOR KNEE AND TOE CLEARANCE - 30: WIDE MIN.
2. IMAGES A-C REQUIRE A FORWARD "CLEAR FLOOR SPACE"

REACH RANGES FOR FORWARD REACH

NOTE: GENERAL DIMENSIONS ARE USED UNLESS NOTED OTHERWISE



A. UNOBSTRUCTED SIDE REACH | B. OBSTRUCTED SIDE REACH | C. OBSTRUCTED HIGH SIDE REACH

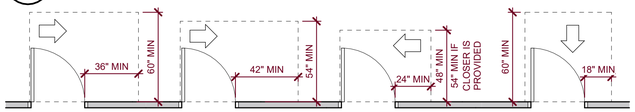
NOTES:

1. AREA REQUIRED FOR KNEE AND TOE CLEARANCE - 30" WIDE MIN.
2. IMAGES A-C REQUIRE A PARALLEL "CLEAR FLOOR SPACE"

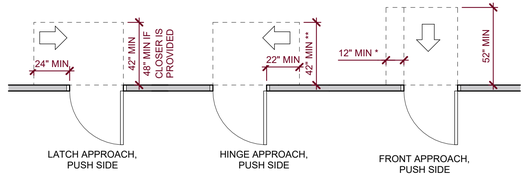
REACH RANGES FOR SIDE REACH

1 ACCESSIBLE REACH RANGES

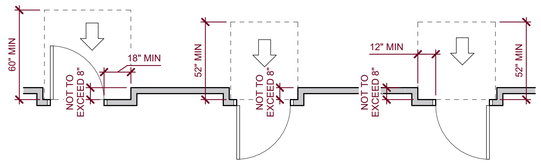
SCALE: 3/8" = 1'-0"



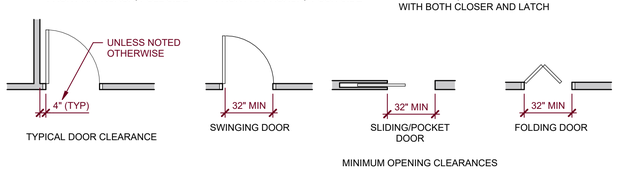
HINGE APPROACH, PULL SIDE | HINGE APPROACH, PULL SIDE | LATCH APPROACH, PULL SIDE | FRONT APPROACH, PULL SIDE



LATCH APPROACH, PUSH SIDE | HINGE APPROACH, PUSH SIDE | FRONT APPROACH, PUSH SIDE



RECESSED DOORS & GATES FRONT APPROACH, PULL SIDE | RECESSED DOORS & GATES FRONT APPROACH, PUSH SIDE | RECESSED DOORS & GATES PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH



TYPICAL DOOR CLEARANCE | SWINGING DOOR | SLIDING/POCKET DOOR | FOLDING DOOR

MINIMUM OPENING CLEARANCES

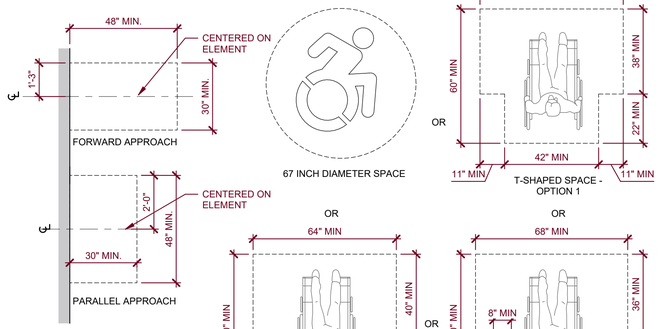
NOTES:

* IF BOTH CLOSER AND LATCH ARE PROVIDED
** 48" MIN IF BOTH CLOSER AND LATCH ARE PROVIDED

1. SEE DOOR SCHEDULE SHEET FOR ADDITIONAL DOOR INFORMATION
2. DIAGRAMS ABOVE DO NOT APPLY TO NON-ACCESSIBLE ACCESSORY SUPPORT SPACES
3. DOOR APPROACHES ARE BASED ON ANSI A117.1
4. DOOR CLEARANCES SHALL BE MEASURED FROM FACE OF DOOR TO FACE OF DOOR STOP.

4 DOOR APPROACH CLEARANCES

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



NOTES:
THE FOLLOWING NOTES APPLY TO AREA WITHIN BOUNDARY OF CLEAR FLOOR SPACE

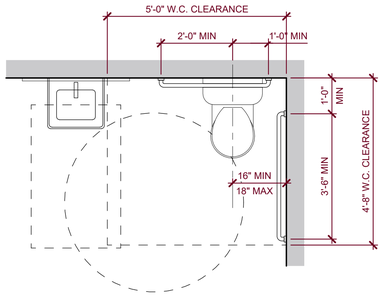
1. CHANGES OF LEVEL ARE NOT PERMITTED WITHIN MANEUVERING CLEARANCES
2. SLOPES STEEPER THAN 1:48 ARE NOT PERMITTED
3. CAN INCLUDE KNEE AND TOE CLEARANCE, U.N.O.
4. EITHER APPROACH CAN BE USED AT AN ELEMENT, U.N.O.
5. THE USE OF EITHER TURNING SPACE WILL COMPLY WITH ADA REQUIREMENTS
6. DOOR SWINGS ARE ALLOWED TO SWING INTO TURNING SPACE, U.N.O.

2 ACCESSIBLE MANEUVERING CLEARANCES

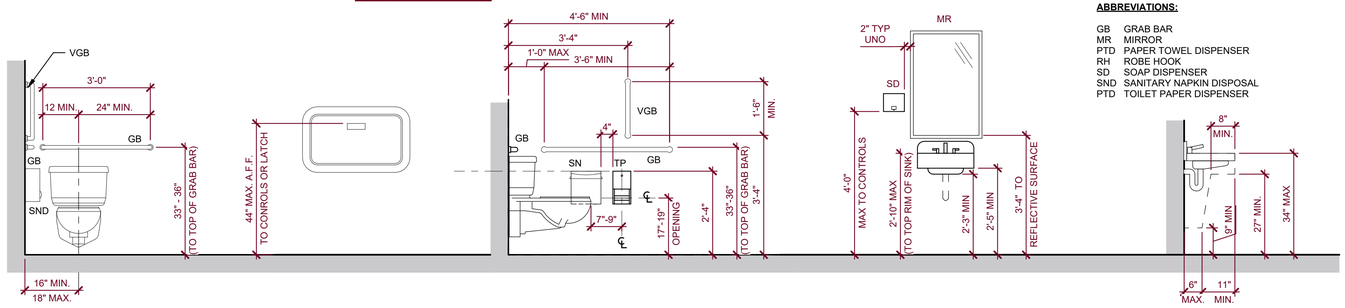
SCALE: 3/8" = 1'-0"

NOTES:

1. DIMENSIONS ARE FROM FACE OF WALL FINISH.
2. THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL, COAT HOOKS, SHELVES, CLEAR FLOOR SPACE, AND CLEARANCES REQUIRED FOR OTHER FIXTURES, AND TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE.



WATER CLOSET PLAN



ABBREVIATIONS:

GB	GRAB BAR
MR	MIRROR
PTD	PAPER TOWEL DISPENSER
RH	ROBE HOOK
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL
PTD	TOILET PAPER DISPENSER

WATER CLOSET & ACCESSORY ELEVATION

NOTE:

1. PROVIDE SOLID BLOCKING FOR GRAB BARS

BABY CHANGING STATION

NOTE:

1. TOP OF CHANGER SHELF IN THE OPEN POSITION SHALL NOT EXCEED 34" A.F.F. COORDINATE MOUNTING HEIGHTS TO ALLOW FOR KNEE AND TOE CLEARANCE.

WATER CLOSET & ACCESSORY ELEVATION

NOTES:

1. PROVIDE SOLID BLOCKING FOR GRAB BARS
2. ALIGN TOP EDGE OF SN W/TP

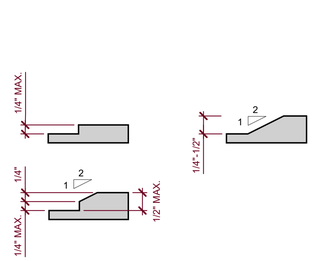
LAVATORY FRONT ELEVATION, ACCESSORY ELEVATIONS

NOTES:

1. WATER SUPPLY AND DRAIN PIPES SHALL BE INSULATED TO PROTECT AGAINST CONTACT AND BE FREE OF SHARP OR ABRASIVE SURFACES.

5 ACCESSIBLE FIXTURE CLEARANCES

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



3 ACCESSIBLE FLOOR TRANSITIONS

SCALE: 6" = 1'-0"

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT BRENT NAPPINI 022463 STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title: ACCESSIBILITY DETAILS

Drawing Number: **G-001**

Project Number: 26007

Sheet: Page 2 of 52

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CODE REVIEW RESTROOM BUILDING - NYSBC 2025

1. CHAPTER 3 OCCUPANCY CLASSIFICATION AND USE
   304 TYPE "U" UTILITY GROUP

2. CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS
   TABLE 504.3 ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE
   NON-SPRINKLERED
   HEIGHT (B) ALLOWABLE: 40' ACTUAL: 18'
   STORIES (B) ALLOWABLE: 1 ACTUAL: 1

   TABLE 506.2 ALLOWABLE BUILDING AREA FACTOR IN SQUARE FEET
   NON-SPRINKLERED
   AREA (U) ALLOWABLE: 5,500 SQ FT ACTUAL: 1087 SQ FT

3. CHAPTER 6 TYPES OF CONSTRUCTION
   CONSTRUCTION CLASSIFICATION - TYPE VB
   CONSTRUCTION IN WHICH THE STRUCTURAL ELEMENTS, EXTERIOR WALLS, AND INTERIOR WALLS ARE OF MATERIALS PERMITTED BY THIS CODE.
   TABLE 601: FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)
   PRIMARY STRUCTURAL FRAME: 0 HOURS
   EXTERIOR BEARING WALLS: 0 HOURS
   INTERIOR BEARING PARTITIONS: 0 HOURS
   INTERIOR NONBEARING WALLS: 0 HOURS
   FLOORS: N/A
   ATTIC FLOOR: N/A
   ROOFS: 0 HOURS

4. CHAPTER 9 FIRE PROTECTION AND LIFE SAFETY REQUIREMENTS:
   SPRINKLER SYSTEM NOT REQUIRED - IBC 903.2.11
   NOT REQUIRED FOR GROUP U

5. CHAPTER 10 MEANS OF EGRESS:
   MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT - IBC 1004.1
   REFER TO LIFE AND SAFETY PLAN

   MEANS OF EGRESS SIZING - IBC 1005.1
   OCCUPANT LOAD 16 MULTIPLIED BY .2
   3.2 INCHES EGRESS WIDTH REQUIRED (SIZE OF MEANS OF EGRESS WIDTH SHALL HAVE A CLEAR WIDTH OF 32" PER 1010.1.1
   72 INCHES EGRESS PROVIDED

   NUMBER OF EXITS - IBC 1006.3.1
   1-500 PEOPLE; 2 EXITS REQUIRED; MULTIPLE EXITS PROVIDED

   EXIT ACCESS TRAVEL DISTANCE - IBC 1017.2
   OCCUPANCY 'U' WITHOUT SPRINKLER - MAXIMUM 300'
   PROPOSED MAXIMUM TRAVEL DISTANCE - 38'

6. CHAPTER 11 ACCESSIBILITY:
   RESTROOMS PROVIDE AT LEAST ONE HANDICAP ACCESSIBLE STALLS AND ALL ACCESSIBLE LAVATORIES

ENERGY CONSERVATION:

A. BUILDING IS 4 SEASON USE AND HEATED BUT NOT COOLED.
B. BUILDING MEETS THE NYS CONSERVATION CONSTRUCTION CODE.
C. **STATEMENT OF COMPLIANCE:**
   TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THE DRAWINGS AND SPECIFICATIONS CONTAINED IN THIS SET OF DOCUMENTS ARE IN COMPLIANCE WITH THE NYS ENERGY CONSERVATION CONSTRUCTION CODE.

AIR BARRIER GENERAL NOTES

1. THE AIR BARRIER SYSTEM AND THE BUILDING ENVELOPE ENCLOSURE IS COMPRISED OF SEVERAL SYSTEMS: THE UNDERSLAB AIR/VAPOR BARRIER; THE COMPOSITE NAIL BASE INSULATED WALL SHEATHING SYSTEM; EXTERIOR WINDOWS AND DOORS; AND THE FOAM INSULATION SYSTEMS AT THE UNDERSIDE OF THE ROOF SHEATHING. THESE SYSTEMS SHALL BE INSTALLED AND CONNECTED TOGETHER IN A MANNER THAT PROVIDES A CONTINUOUS AIR/VAPOR BARRIER AROUND THE ENTIRE BUILDING ENVELOPE ENCLOSURE.
2. AIR/ VAPOR BARRIERS SHALL OVERLAP A MINIMUM OF 4" WITH SEAMS SHINGLED TO ALLOW FOR POSITIVE DRAINAGE AT ALL TIMES. ALL JOINTS IN SHEATHING SYSTEM SHALL BE TAPED WITH MANUFACTURER'S APPROVED SEAM TAPE (ZIP SYSTEM OR EQUAL).
3. JOINTS BETWEEN AIR/ VAPOR BARRIERS SHALL BE SEALED/ TAPED WITH PER MANUFACTURER'S INSTRUCTIONS AND BE FREE OF CREASES, BUBBLES, TEARS, AND OTHER DEFORMITIES THAT MAY NEGATIVELY IMPACT THE PERFORMANCE OF THE BUILDING ENVELOPE AND DRAINAGE PLANE
4. ALL JOINTS AT OPENINGS AND PENETRATIONS IN THE THERMAL ENVELOPE SHALL BE SEALED, INCLUDING THOSE CREATED BY ELECTRICAL, PLUMBING AND MECHANICAL EQUIPMENT AND SERVICES
5. SELF-ADHERING MEMBRANE AIR BARRIER SHALL EXTEND 9" AROUND ALL WALL OPENINGS AND WHEREVER AIR BARRIER MATERIALS OVERLAP.

AIR BARRIER LEGEND

AIR BARRIER EXTENTS TO BE CONTINUOUS AROUND CONDITIONED SPACES/ AREAS

VAPOR BARRIER EXTENTS TO BE CONTINUOUS AROUND CONDITIONED SPACES/ AREAS

BUILDING ENVELOPE TESTING NOTES

1. UPON COMPLETION OF THE BUILDING ENVELOPE, INCLUDING ALL EXTERIOR PENETRATIONS BY ALL TRADES, AND PRIOR TO INSTALLATION OF GYPSUM WALL BOARD (OR OTHER INTERIOR FINISH MATERIALS), **THE NEW YORK STATE PARKS WILL ENGAGE AND COORDINATE** A THIRD PARTY AGENCY TO PERFORM A WHOLE BUILDING AIR PRESSURE/ TIGHTNESS TEST.
2. MAX ALLOWABLE LEAKAGE: 0.25 CUBIC FEET PER MINUTE PER SQUARE FOOT (CFM/FT ^{2}) AT A PRESSURE DIFFERENTIAL OF 75Pa
   A. PER NYS ECCC "C402.6.2.1 WHOLE BUILDING TEST METHOD AND REPORTING" AND "C402.6.2 AIR LEAKAGE COMPLIANCE", FOR BUILDINGS LESS THAN 10,000 SQUARE FEET, THE ENTIRE BUILDING THERMAL ENVELOPE SHALL BE PERMITTED TO BE TESTED IN ACCORDANCE WITH ASTM E779, ASTM E3158, ASTM E1827 OR AN EQUIVALENT APPROVED METHOD.
3. PROVIDE WRITTEN REPORT, REGARDLESS OF RESULTS, TO THE BUILDING OFFICIAL AND DIRECTOR'S REPRESENTATIVE REGARDLESS OF RESULTS, THAT INCLUDES THE TESTED SURFACE AREA, FLOOR AREA, AIR BY VOLUME, STORIES ABOVE GRADE, AND LEAKAGE RATES. IF THE TEST RESULTS ARE HIGHER THAN NOTED, THE WORK WILL BE CONSIDERED NON-CONFORMING AND REMEDIAL ACTION WILL BE REQUIRED TO IDENTIFY AIR LEAKAGE AREAS AND REMEDIATE THEM.

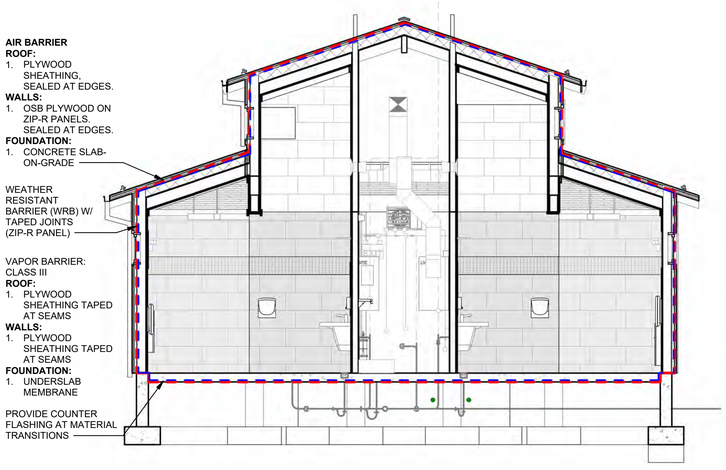
ENERGY CODE COMPLIANCE

STATE NY COUNTY TOMPKINS CLIMATE ZONE 5

ENVELOPE COMPONENT	REQUIRED R-VALUE/ U-VALUE (TABLE C402.1.3 AND C402.1.4)	PROVIDED R-VALUE/ U-VALUE	DETAILS/ COMMENTS
ROOF - ABOVE DECK	R-33ci	R-34.2ci	6" POLYISO
WALLS - ABOVE GRADE	R-21 + R-4ci	R-21 + R-9ci	ZIP-R-9 & CAVITY BATT INSULATION
WALLS - BELOW GRADE	R-7.5ci	N/A	
SLAB-ON-GRADE - UNHEATED SLAB	R-15 FOR 24" BELOW	R-15 FOR 24" BELOW (VERTICAL) + R-10 (HORIZONTAL)	3" XPS + 6" INSULATING GRAVEL
OPAQUE DOORS - NON-SWINGING	U-0.31	N/A	
OPAQUE DOORS - SWINGING	U-0.37	U-.34	
FENESTRATION - FIXED	U-0.27	U-0.27	3/4" IGU, LOW E ON SURFACE 2, ARGON.
FENESTRATION - OPERABLE	U-0.27	U-0.27	3/4" IGU, LOW E ON SURFACE 2, ARGON.
FENESTRATION - ENTRANCE DOOR	U-0.63	U-0.13	DOOR BASIS OF DESIGN

OCCUPANT LOAD SUMMARY

OCCUPANCY PER TABLE 1004.5 - NYSBC 2020 - PUBLIC RESTROOM	OCCUPANT LOAD
RESTROOMS FLOOR AREA OCCUPANT / (50 SQ FT/PERSON) WOMENS TOILET ROOM (366 SQ FT) + MENS TOILET ROOM (366 SQ FT) = 732 SQ FT	15
ACCESSORY STORAGE AREA, MECHANICAL EQUIP ROOMS / (300 SQ FT/PERSON) WATER TREATMENT (132 SQ FT) = 132 SQ FT	1
TOTAL OCCUPANCY	16



1 AIR BARRIER EXTENTS
SCALE: 1/4" = 1'-0"

FIRE AND LIFE SAFETY LEGEND

- EXIT (NOT ALL EXITS ARE ACCESSIBLE)
- 10 O.L. — OCCUPANT LOAD AT EXIT
- 1.5 EW / 30 R.E.W. / 36 A.E.W. — NUMBER OF EGRESS UNITS; REQUIRED EGRESS WIDTH (IN INCHES); ACTUAL EGRESS WIDTH (IN INCHES)
- ACCESSIBLE ENTRANCE / EXIT
- EATD: 150' — EXIT ACCESS TRAVEL DISTANCE (IN FEET)
- CPET: 150' — COMMON PATH OF EGRESS TRAVEL (IN FEET)
- DED: 50' — DEAD END DISTANCE (IN FEET)
- ? / ? OCCUP. — ROOM AREA; CALCULATED OCCUPANTS PER ROOM
- FEC — FIRE EXTINGUISHER CABINET LOCATION (RECESSED)
- FE — FIRE EXTINGUISHER LOCATION
- FEC — FIRE EXTINGUISHER CABINET LOCATION (SURFACE MOUNTED)
- FIRE HYDRANT
- 1FB — 1 HOUR FIRE BARRIER
- 1FP — 1 HOUR FIRE PARTITION
- 2FW — 2 HOUR FIRE WALL
- 2FB — 2 HOUR FIRE BARRIER
- 1SB — 1 HOUR SMOKE BARRIER
- SP — SMOKE PARTITION

FW = FIRE WALL
FB = FIRE BARRIER
FP = FIRE PARTITION

SB = SMOKE BARRIER
SP = SMOKE PARTITION

- AR — AREA OF REFUGE
- RW — RESCUE WINDOW CLEAR OPENING ≥ 24" W

A FIRE AND LIFE SAFETY PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

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REVISIONS

REV.NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT — BARRY MURPHY — 022463 — STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
FIRE AND LIFE SAFETY PLAN - FIRST FLOOR

Drawing Number:
G-101

Project Number: 26007

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REFERENCE NOTES

1. CURRENT CONSTRUCTION DRAWINGS ARE BASED ON BOUNDARY AND TOPOGRAPHIC SURVEY MAP PROVIDED BY RAVI ENGINEERING & LAND SURVEYING, P.C. DATED: 12/31/2025.

EXISTING WORK NOTES

1. PROTECT FROM DAMAGE ALL EXISTING FEATURES NOT INDICATED OR REQUIRED TO BE REMOVED FOR THE WORK.
2. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING REMOVAL OPERATIONS.
3. REPAIR ITEMS THAT ARE TO REMAIN IF DAMAGED DURING THE PERFORMANCE OF THE WORK. REPAIR OR REPLACE TO THEIR ORIGINAL CONDITION AS DETERMINED BY THE DIRECTOR'S REPRESENTATIVE, OR REPLACE WITH NEW IN-KIND.

DEMOLITION NOTES

1. CONDUCT REMOVAL OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT EXISTING FEATURES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AND AUTHORIZED VEHICLES AROUND THE WORK AREA.
2. PROVIDE CONSTRUCTION FENCES, BARRICADES OR OTHER SUITABLE DEVICES AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE TO PREVENT DAMAGE BY VEHICLES AND UNAUTHORIZED ENTRY INTO WORK, CONSTRUCTION STAGING AND EQUIPMENT STORAGE AREAS.
3. RESTRICT VEHICULAR TRAFFIC TO AREAS OUTSIDE THE DRIP LINE OF TREES. PREVENT COMPACTION OF SOIL WITHIN THE DRIP LINE OF TREES AND SHRUBS. DO NOT DRIVE OR PARK VEHICLES ON LAWNS.
4. PROVIDE ALL REMOVALS NECESSARY TO PROVIDE THE WORK OF THIS CONTRACT AND LEGALLY DISPOSE OF OFF-SITE. REMOVE EXISTING FEATURES AND UNUSED EARTH MATERIALS IN THEIR ENTIRETY UNLESS OTHERWISE DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.
3. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS AND TRASH. DO NOT ALLOW DEBRIS TO ACCUMULATE ON-SITE.
4. UTILIZE SAW-CUTS IN AREAS WHERE PAVEMENT IS TO BE REMOVED FOR INSTALLATION OF IMPROVEMENTS AND WHERE NEW PAVEMENT IS JOINED WITH EXISTING. TREAT ALL JOINTS BETWEEN NEW AND EXISTING ASPHALT PAVEMENT WITH AN ASPHALT EMULSION.
5. REMOVE EXISTING TREES AND VEGETATION AS REQUIRED TO INSTALL IMPROVEMENTS. NOT ALL TREE REMOVALS ARE EXPLICITLY IDENTIFIED IN WOODED AREAS. PRIOR TO CONSTRUCTION, STAKE OUT PROPOSED PIPE ROUTING AND STRUCTURE LOCATIONS FOR REVIEW AND APPROVAL BY THE DIRECTOR'S REPRESENTATIVE. ALTERNATE ROUTING MAY BE SUGGESTED TO MINIMIZE IMPACTS TO EXISTING FEATURES. COORDINATE TIMING OF TREE REMOVALS WITH DIRECTOR'S REPRESENTATIVE. THE EXTENT OF ALL CLEARING AND GRUBBING SHALL BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
6. REMOVE ALL SECTIONS OF EXISTING ABANDONED UNDERGROUND UTILITIES WHERE THEY INTERFERE WITH NEW WORK OR AS NOTED. PERMANENTLY SEAL REMAINING SECTIONS WITH MORTAR OR END CAPS.
7. CONTRACTOR TO COORDINATE AND NOTIFY DIRECTOR'S REPRESENTATIVE OF ANY DISCREPANCIES.

SOIL EROSION & SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL CONFORM TO THE LATEST EDITION OF THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. REFER TO EROSION CONTROL DRAWINGS FOR PRESCRIBED MEASURES, AND SUPPLEMENT AS REQUIRED BY SITE CONDITIONS AND THE DIRECTOR'S REPRESENTATIVE.
2. PROVIDE AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES TO EFFECTIVELY CONTAIN ALL SOIL MATERIAL WITHIN THE SITE CONSTRUCTION AREA.
3. ALL NECESSARY CONTROLS SHALL BE IN PLACE PRIOR TO STARTING EARTHWORK OPERATIONS AND SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREAS ARE STABILIZED WITH SEEDING, PAVEMENTS AND/OR SLOPE PROTECTION.
4. PROVIDE TEMPORARY SILT FENCING, AND SEED AND MULCH ALL SOIL STOCKPILES WHEN SOIL IS STORED FOR MORE THAN SEVEN DAYS DURING CONSTRUCTION.
5. PERIODICALLY CLEAN, INSPECT, MAINTAIN, AND REINSTALL EROSION AND SEDIMENT CONTROL MEASURES TO MAINTAIN INTEGRITY AND EFFECTIVENESS OF MEASURES.
6. KEEP ROADS CLEAN OF MUD AND DEBRIS AT ALL TIMES.
7. TAKE ALL NECESSARY PRECAUTIONS TO PREVENT CONTAMINATION TO WATER BODIES, STREAMS, AND DRAINAGE COURSES FROM SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, CONCRETE LEACHATE OR ANY OTHER POLLUTANTS ASSOCIATED WITH CONSTRUCTION.
8. ALL EXCAVATED MATERIAL SHALL BE STABILIZED ON AN UPLAND SITE SO THAT IT CAN NOT ENTER ANY WATER BODY.
9. ALL AREAS OF SOIL DISTURBANCE RESULTING FROM THIS PROJECT SHALL BE TOPSOILED AND SEEDED WITH THE SPECIFIED GRASS SEED MIX AND MULCHED WITH STRAW WITHIN ONE WEEK OF FINAL GRADING. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE VEGETATIVE COVER IS APPROVED BY THE DIRECTOR'S REPRESENTATIVE.
10. TOPSOIL SHALL CONSIST OF LOOSE FRIABLE ORGANIC MATERIAL, FREE OF REFUSE, STONES, SUBSOIL, WEEDS, OR OTHER MATERIAL DELETERIOUS FOR PLANT OR LAWN GROWTH.

LAYOUT NOTES

1. THE EXISTING SANITARY AND WATER SYSTEMS SHALL REMAIN ACTIVE DURING CONSTRUCTION OF THE PROPOSED IMPROVEMETNS.
2. ESTABLISH A CONSTRUCTION STAGING AREA AND EQUIPMENT STORAGE ON SITE. COORDINATE LOCATIONS WITH THE DIRECTOR'S REPRESENTATIVE. RESTORE ANY AREAS DISTURBED BY STAGING, PARKING, OR OTHER CONSTRUCTION ACTIVITIES TO THEIR ORIGINAL CONDITION.
3. ALL DIMENSIONS ARE TO FACE OF BUILDING, STRUCTURE, CURB OR EDGE OF PAVEMENT, UNLESS NOTED OTHERWISE.
4. ALL WORK MUST CONFORM TO ANSI A117.1-2009 FOR ACCESSIBILITY.
5. ENGAGE A LICENSED LAND SURVEYOR FOR SITE LAYOUT. PRIOR TO CONSTRUCTION, SET A MINIMUM OF TWO BENCHMARKS AND PROTECT THEM THROUGHOUT CONSTRUCTION. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
6. ESTABLISH BENCHMARKS FOR SURVEY CONTROL AND MAINTAIN FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
7. LOCATIONS OF ALL NEW FEATURES INCLUDING, BUT NOT LIMITED TO, UTILITY STRUCTURES, VALVES, AND DRAIN PITS ARE APPROXIMATE. COORDINATE FINAL LOCATIONS IN THE FIELD WITH THE DIRECTOR'S REPRESENTATIVE.

SITE GRADING & DRAINAGE NOTES

1. RESTRICT GRADING OPERATIONS TO AREAS SHOWN ON THE DRAWINGS. GRADING OUTSIDE THE CONTRACT LIMIT LINE, UNLESS AUTHORIZED BY THE DIRECTOR'S REPRESENTATIVE, WILL NOT BE PERMITTED.
2. PERFORM ALL EXCAVATION OPERATIONS WITH EXTREME CAUTION. DETERMINE LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO COMMENCING GRADING.
3. BLEND ALL LINES AND GRADES OF NEW WORK SMOOTHLY WITH EXISTING.
4. GRADE ALL SURFACES TO DRAIN AWAY FROM ALL NEW AND EXISTING STRUCTURES. ALL AREAS MUST DRAIN TO AN OUTLET, WHETHER EXISTING OR NATURAL. AREAS WHICH POND IN EXCESS OF 1/4 INCH IN PAVED AREAS AND 1/2 INCH IN LAWN AREAS WILL NOT BE ACCEPTED.
5. MAINTAIN EXISTING STORM DRAIN FACILITIES NOT INTERRUPTED BY CONSTRUCTION RELATED ACTIVITIES.
6. ADJUST ALL MANHOLE AND OTHER UTILITY COVERS LOCATED WITHIN AREAS OF CONSTRUCTION OPERATIONS TO PROPOSED FINISHED GRADE.

SITE UTILITY NOTES

1. THE LOCATION OF EXISTING UTILITIES INDICATED ON THE SITE SURVEY AND DRAWINGS ARE APPROXIMATE ONLY. ACCURATELY LOCATE EXISTING SUBSURFACE UTILITIES BEFORE EXCAVATING.
2. PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES, CONTACT UDIG NY (1-800-962-7962) FOR INFORMATION ON EXISTING UNDERGROUND UTILITIES.
3. CONTACT COMMERCIAL UTILITY COMPANIES TO OBTAIN INFORMATION ABOUT EXISTING UTILITIES. CONTACT DIRECTOR'S REPRESENTATIVE TO OBTAIN UTILITY COMPANY INFORMATION.
4. PERFORM EXCAVATION IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
5. SLOPE OR SUPPORT THE SIDES OF ALL EXCAVATIONS AS REQUIRED BY SAFETY REGULATIONS.
6. EXISTING WATER SUPPLY PIPING AND APPURTENANCES WHICH ARE TO REMAIN ACTIVE AND ARE CUT OR OTHERWISE DISTURBED DURING CONSTRUCTION SHALL BE PROTECTED FROM CONTAMINATION AND DISINFECTED AS REQUIRED.
7. ALL WATER AND SEWER LINES TO BE INSTALLED IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE WATER/SEWER CROSSING DETAIL PROVIDED IN THE CONSTRUCTION DOCUMENTS. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE LOCATED AS FAR FROM THE SEWER AS POSSIBLE.
8. MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SEWER MAINS TO BE 10-FEET MEASURED FROM THE OUTSIDE OF THE PIPES. IF MINIMUM 10-FEET SEPARATION CAN NOT BE MAINTAINED PROVIDE 18-INCH VERTICAL SEPARATION BETWEEN PIPES.
9. PROVIDE 2" XPS RIGID INSULATION AROUND ALL SEWER LINES THAT HAVE LESS THAN 4'-6" OF COVER. EXTENTS OF 2" RIGID INSULATION SHOWN ON THE PROFILES ARE CONSIDERED APPROXIMATE AND MAY NOT SHOW EVERY LOCATION REQURED.
10. SANITARY SEWER CLEANOUTS SHALL BE INSTALLED AT CHANGES IN SANITARY SEWER LATERAL ALIGNMENT AND/OR GRADE.
11. SANITARY SEWER CLEANOUT CAPS TO BE SET AT FINISHED GRADE IN CONCRETE COLLARS AND HAVE FLUSH CAST IRON COVERS.
12. SANITARY SEWER BENDS SHALL NOT EXCEED 45° LONG SWEEPS.

RESTORATION NOTES

1. RESTORE NATIVE SOIL MATERIALS AT LOCATIONS TO BECOME NEW LAWN OR LANDSCAPED AREAS USING THE FOLLOWING PROCEDURE:
   a. TILL SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC OR TILLER, MIXING AND CIRCULATING AIR INTO SUBSOILS. TILLING SHOULD NOT BE PERFORMED WITHIN THE DRIP LINE OF TREES OR OVER UTILITY INSTALLATIONS THAT ARE WITHIN 24-INCHES OF THE SURFACE.
   b. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF 4-INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.
   c. APPLY 2 INCHES OF TOPSOIL.
   d. VEGETATE AS REQUIRED BY PLAN. INSPECTOR SHOULD BE ABLE TO PUSH A 3/8 INCH METAL BAR 12 INCHES INTO THE SOIL WITH BODY WEIGHT FORCE.
2. FINE GRADE, TOPSOIL AND SEED ALL AREAS DISTURBED BY THIS CONSTRUCTION, WHICH ARE NOT OTHERWISE NOTED.
3. RESTRICT GROUND DISTURBANCES TO THE MINIMUM EXTENT PRACTICAL. ALL DISTURBED AREAS SHALL BE RESTORED TO EXISTING FINISH GRADE UNLESS INDICATED OTHERWISE.
4. PROVIDE PHOTO DOCUMENTATION OF EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES.

PLANTING NOTES

1. ALL NURSERY GROWN PLANT MATERIAL IN SCHEDULE SHALL BE IN ACCORDANCE WITH ANSI Z.60.1 STANDARDS FOR MEASUREMENT OF NURSERY STOCK.
2. ALL PLANT MATERIAL SHALL BE NURSERY GROWN UNLESS OTHERWISE AUTHORIZED AND ACCEPTED BY THE DIRECTOR'S REPRESENTATIVE.
3. ALL PLANTS SHALL BE GUARANTEED FOR A PERIOD OF ONE-YEAR FROM DATE OF PHYSICAL COMPLETION AND ACCEPTANCE BY THE DIRECTOR'S REPRESENTATIVE.
4. REPLACEMENT PLANTINGS SHALL BE REQUIRED PRIOR TO FINAL ACCEPTANCE, FOR ANY PLANT MATERIAL WHICH IS MISSING, NOT TRUE TO SPECIFICATIONS, HAS DIED, OR IS UNHEALTHY OR UNCHARACTERISTIC OF THE SPECIES (DUE TO EXCESSIVE PRUNING OR DIE BACK).
5. THE DIRECTOR'S REPRESENTATIVE'S WRITTEN APPROVAL IS REQUIRED FOR ANY PLANT MATERIAL SUBSTITUTIONS PRIOR TO DELIVERY TO THE SITE.
6. LOCATE ALL UNDERGROUND UTILITIES IN AREAS TO BE LANDSCAPED PRIOR TO COMMENCING ANY EXCAVATION. ADJUSTMENTS TO TREE LOCATIONS WILL BE ALLOWED WHERE UTILITY CONFLICTS ARE CLEARLY A PROBLEM AND WITH PRIOR SITE APPROVAL BY THE DIRECTOR'S REPRESENTATIVE.
7. ALL TOPSOIL AND SEEDED AREAS SHALL RECEIVE MINIMUM 4 INCHES OF TOPSOIL.
8. INITIATE STABILIZATION MEASURES IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY (MORE THAN 7-DAYS) OR PERMANENTLY CEASED SHALL BE SEEDED AND MULCHED WITHIN 48-HOURS.
9. PERMANENT STABILIZATION:
   A. CHISEL OR DISK ANY SEVERELY COMPACTED SECTION TO PROVIDE AN ADEQUATE ROOTING ZONE
   B. REMOVE ALL STONES AND OTHER DEBRIS FROM THE SURFACE THAT ARE GREATER THAN 1 INCH IN DIAMETER OR THAT WILL BE DETRIMENTAL TO MAINTENANCE
   C. APPLY SEED WITHIN 48-HOURS USING THE MIXTURE AND RATE PROVIDED IN TURF AND GRASSES SPECIFICATION
   D. SEED AREA UTILIZING APPROPRIATE METHOD (BROADCASTING OR HYDROSEEDING PER SPECIFICATIONS) THAT PROVIDES PROPER SOIL AND SEED CONTACT
   E. APPLY SMALL GRAIN STRAW AT 2-TONS/ACRE AND ANCHOR WITH NETTING OR TACTIFIER WITHIN 8-HOURS OF COMPLETION OF SEEDING
10. TEMPORARY STABILIZATION:
   A. ROUGH GRADE THE AREA AND ENSURE THE SLOPES ARE PHYSICALLY STABLE.
   B. REMOVE LARGE DEBRIS AND ROCKS
   C. SEED AREA UTILIZING APPROPRIATE SEEDING METHOD THAT WILL RESULT IN RELATIVELY GOOD SOIL TO SEED CONTACT
   D. APPLY TEMPORARY STABILIZATION SEED WITHIN 48-HOURS
   E. APPLY STRAW MULCH WITH TACKING AGENT AT 2-TONS/ACRE (90 LBS/1000FT) WITHIN 8-HOURS OF COMPLETION OF SEEDING

PARK OPERATION COORDINATION

PARK OPERATION COORDINATION

1. PARK WILL BE OPEN DURING CONSTRUCTION.
2. THE PARK CAMPING SEASON OPERATES FROM MAY 14, 2027 THROUGH NOVEMBER 7, 2027.
3. COORDINATE CONSTRUCTION ACTIVITIES AND SCHEDULE TO ACCOMMODATE EVENTS AND PARK OPERATIONS.
4. THROUGHOUT CONSTRUCTION, MAINTAIN A MINIMUM CLEAR TRAVEL WIDTH OF 12' TO ALLOW FOR EMERGENCY VEHICLE ACCESS ON ALL ROADS.
5. ACCESS SHALL BE MAINTAINED TO ACTIVE CAMPSITES AND CABINS AT ALL TIMES DURING CONSTRUCTION.
6. AREAS MAY BE CLOSED FOR CONSTRUCTION WITH PRIOR APPROVAL FROM THE DIRECTOR'S REPRESENTATIVE.
7. ANY MAJOR IMPACT TO PARK OPERATIONS NEED TO BE COMMUNICATED TO THE DIRECTOR'S REPRESENTATIVE 24 TO 48 HOURS IN ADVANCE.

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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Architectural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT — MARY HALPERN — 022463 — STATE OF NEW YORK — Exp. 09/30/2028

Sheet Title: NOTES

Drawing Number: **C-001**

Project Number: 26007

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MAINTENANCE NOTES

1. RESEED AND REPAIR BARE OR ERODING AREAS TO ENSURE GRASS STABILIZATION.
2. WATER EVERY (3) THREE DAYS FOR THE FIRST MONTH.

SEQUENCE OF EARTHWORK AND EROSION AND SEDIMENT CONTROL ACTIVITIES

IMPLEMENT THE FOLLOWING EROSION AND SEDIMENT CONTROL MEASURES AND ENSURE THEIR PROPER FUNCTIONING THROUGHOUT THE CONSTRUCTION PROCESS. THE GENERAL ORDER OF ACTIVITIES IS AS FOLLOWS. REFER TO THE DRAINAGE AND EROSION CONTROL DETAILS ON DRAWING C-501 FOR ADDITIONAL INFORMATION.

1. PROVIDE STABILIZED CONSTRUCTION ENTRANCE.
2. PROVIDE TEMPORARY SILT FENCING ALONG ALL DISTURBED SOIL AREAS AT LOCATIONS SHOWN. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES INCLUDING INLET PROTECTIONS AND SLOPE STABILIZATIONS.
3. INSTALL TEMPORARY STAGING AREA.
4. WORK WITH DIRECTOR'S REPRESENTATIVE TO IDENTIFY EXISTING TREES TO REMAIN. PROTECT EXISTING TREES THAT ARE TO REMAIN, AS DIRECTED BY DIRECTOR'S REPRESENTATIVE.
5. CLEAR AND GRUB SITE VEGETATION.
6. STRIP AND STOCKPILE TOPSOIL FOR REUSE ON SITE. STOCKPILE TOPSOIL ON SITE AT A LOCATION DETERMINED BY THE DIRECTOR'S REPRESENTATIVE. IMMEDIATELY SEED STOCKPILE WITH TEMPORARY SEED MIXTURE AND INSTALL SILT FENCE AT PERIMETER OF STOCKPILE AS REQUIRED.
7. CONDUCT EARTHWORK OPERATIONS AND PROVIDE PERMANENT STORMWATER MANAGEMENT PRACTICES AND ALL APPURTENANT STORM DRAIN PIPING TO CONVEY RUNOFF TO THE STORMWATER MANAGEMENT PRACTICES.
11. INSTALL INLET PROTECTION AROUND ALL NEW STORM DRAIN INLETS AS THEY ARE INSTALLED.
12. INSTALL SILT FENCING AROUND PERMANENT STORMWATER MANAGEMENT PRACTICES TO PREVENT ERODED SEDIMENT FROM ENTERING PRACTICES.
13. TEMPORARY SEED AND MULCH FOR TEMPORARY STABILIZATION ON ANY SOIL EXPOSED FOR MORE THAN 7 DAYS.
14. CONSTRUCT UNDERGROUND UTILITIES. CONTINUE CUTS AND FILLS TO BRING DISTURBED AREAS TO SUBGRADE.
15. CONSTRUCT STONE SUBBASE OF SITE PAVEMENTS AND OTHER HARD SURFACES.
16. FINE GRADE SITE.
17. CONSTRUCT ASPHALT PAVEMENTS AND OTHER HARD SURFACES. REMOVE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO FINAL PAVEMENT PLACEMENT. CONTRACTOR WILL RESTORE ALL ROADS WITHIN THE CONSTRUCTION AREA LIMITS TO THEIR ORIGINAL CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES.
18. TOPSOIL, SEED AND MULCH IMMEDIATELY UPON COMPLETION OF FINAL EARTHWORK OPERATIONS.
19. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED AND REMOVAL IS APPROVED BY DIRECTOR'S REPRESENTATIVE.

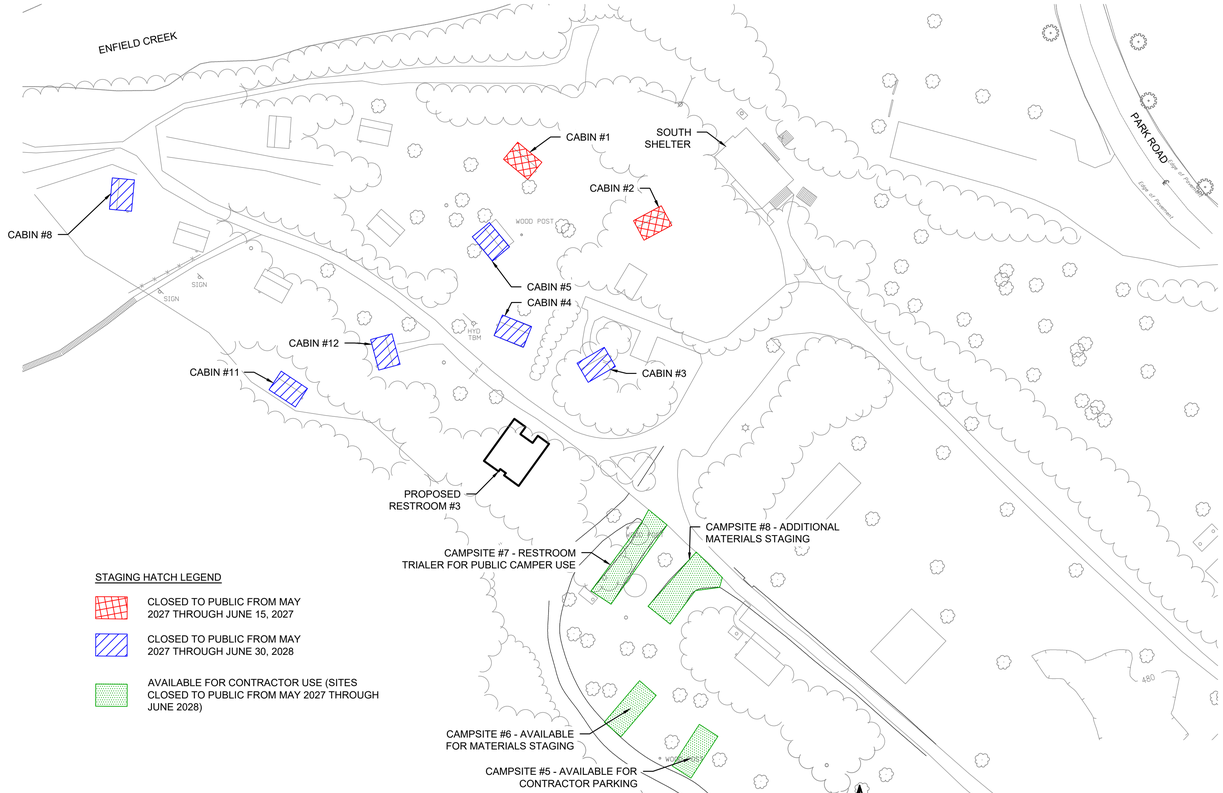
ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
APPROX	APPROXIMATELY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AVG	AVERAGE
BBQ	BARBEQUE
BM	BENCHMARK
BLDG	BUILDING
BP	BEGINNING POINT
C	CENTER
CB	CATCH BASIN
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONT	CONTINUOUS
CPEP	CORRUGATED POLYETHYLENE PIPE
DEMO	DEMOLISH / DEMOLITION
DF	DRINKING FOUNTAIN
DI	DROP INLET / DUCTILE IRON
DIA	DIAMETER
DV	DRAIN VALVE
DWG	DRAWING
E	EAST / EASTING / ELECTRIC
EA	EACH
EL/ELEV	ELEVATION
ELEC	ELECTRICAL
EJ	EXPANSION JOINT
EMH	ELECTRIC MANHOLE
EP	END POINT
EQ	EQUAL
ES	END SECTION
ETC	ETCETERA
EV	ELECTRIC VEHICHLE
EW	EACH WAY
EX	EXISTING
FFE	FINISH FLOOR ELEVATION
FT	FEET
GA	GAUGE
GAL	GALVANIZE
GV	GATE VALVE
HC	HANDICAP
HD	HEAVY DUTY
HH	HANDHOLE
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
INV	INVERT
JT	JOINT
LP	LIQUID PROPANE GAS
MAX	MAXIMUM
MDO	MEDIUM DENSITY OVERLAY
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MUTCD	MANUAL ON UNIFORMED TRAFFIC CONTROL DEVICES
N	NORTH / NORTHING
NIC	NOT IN CONTRACT
NYS	NEW YORK STATE
NYSDEC	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NYSDOT	NEW YORK STATE DEPARTMENT OF TRANSPORTATION
NYSEG	NEW YORK STATE ELECTRIC AND GAS
NYSOPRHP	NEW YORK STATE OFFICE OF PARKS, RECREATION AND HISTORIC PRESERVATION
OC	ON CENTER
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PC	POINT OF CURVATURE
PCL	PAVEMENT CUT LINE
PE	POLYETHYLENE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PSI	POUNDS PER SQUARE INCH
PT	POINT / POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PV1	POINT OF VERTICAL CURVE
R	RADIUS
RG&E	ROCHESTER GAS AND ELECTRIC
SA	SANITARY PIPE
SAMH	SANITARY MANHOLE
SAN	SANITARY
SB	SOIL BORING
SCH	SCHEDULE
SDR	STANDARD DIMENSION RATIO
SF	SQUARE FEET
SG	SWITCHGEAR
SICPP	SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
ST	STORMWATER DRAIN / SEPTIC TANK
STA	STATION
STMH	STORMWATER MANHOLE
TBD	TO BE DETERMINED
TYP	TYPICAL
UE	UNDERGROUND ELECTRIC
UEP	UNDERGROUND ELECTRIC PRIMARY
UES	UNDERGROUND ELECTRIC SECONDARY
UNO	UNLESS NOTED OTHERWISE
XF	TRANSFORMER
VERT	VERTICAL
W	WATER
W/	WITH
W/O	WITH OUT
WV	WATER VALVE
WWM	WELDED WIRE MESH

* NOTE: NOT ALL ABBREVIATIONS MAY BE USED

LEGEND

- SURVEY CONTROL POINT
- SURVEY BENCHMARK
- EX SITE FEATURE TO BE REMOVED
- EX TREE STUMP TO BE REMOVED
- REMOVE EX ASPHALT
- REMOVE EX GRAVEL PAVEMENT
- REMOVE EX VEGETATION
- REMOVE EX ASPHALT PAVEMENT FOR UTILITY TRENCH
- EX BOULDER
- EX ROAD
- EX GRAVEL EDGE
- EX OVERHEAD ELECTRIC & GUY WIRE
- EX LIGHT POLE
- EX UTILITY POLE
- EX WATER SERVICE
- EX UNDERGROUND ELECTRIC
- EX GRAVITY SANITARY SEWER
- EX HYDRANT
- EX SANITARY MANHOLE
- EX STORMWATER
- EX STORM CATCH BASIN
- EX VEGETATION LINE
- CONIFEROUS SHRUB
- TREE STUMP
- DECIDUOUS TREE
- CONIFEROUS TREE
- EX WATER VALVE
- EX SIGNAGE
- EX MAJOR CONTOUR
- EX MINOR CONTOUR
- EX ELECTRICAL A-FRAME
- EX GATE
- EX PEDESTRIAN LIGHT POLE
- EX POST / BOLLARD
- EX FLAG POLE
- EX UTILITY ELECTRIC METER
- EX UTILITY ELECTRIC MANHOLE
- EX UTILITY SANITARY MANHOLE
- CONTRACT LIMIT LINE
- FULL DEPTH STONE PAVEMENT
- STONE PAVEMENT TOP COURSE
- CONCRETE SIDEWALK
- LAWN
- GATE
- UNDERGROUND ELECTRIC
- ELECTRIC HAND HOLE
- WATER SERVICE
- WATER VALVE
- SANITARY SEWER
- SANITARY CLEAN OUT / MANHOLE
- STORM DRAIN
- STORM END SECTION
- SWALE
- MAJOR CONTOUR
- MINOR CONTOUR
- SPOT ELEVATION
- TREES AND SHRUBS
- SILT FENCE
- TREE PROTECTION
- INLET PROTECTION
- BOLLARD
- BOLLARD LIGHT
- SIGN
- UTILITY POLE
- ELECTRICAL A-FRAME
- TREE PLANTING
- EX BUILDING STRUCTURE
- EX LINE TO BE REMOVED
- WATER LINE CONNECTION TO EX
- PIPE CAP
- CONSTRUCTION FENCE



A CAMPSITE STAGING
SCALE: 1" = 50'-0"

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New York State Parks, Recreation and Historic Preservation
Governor Kathy Hochul — Commissioner Kathy Moser

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Architectural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
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ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

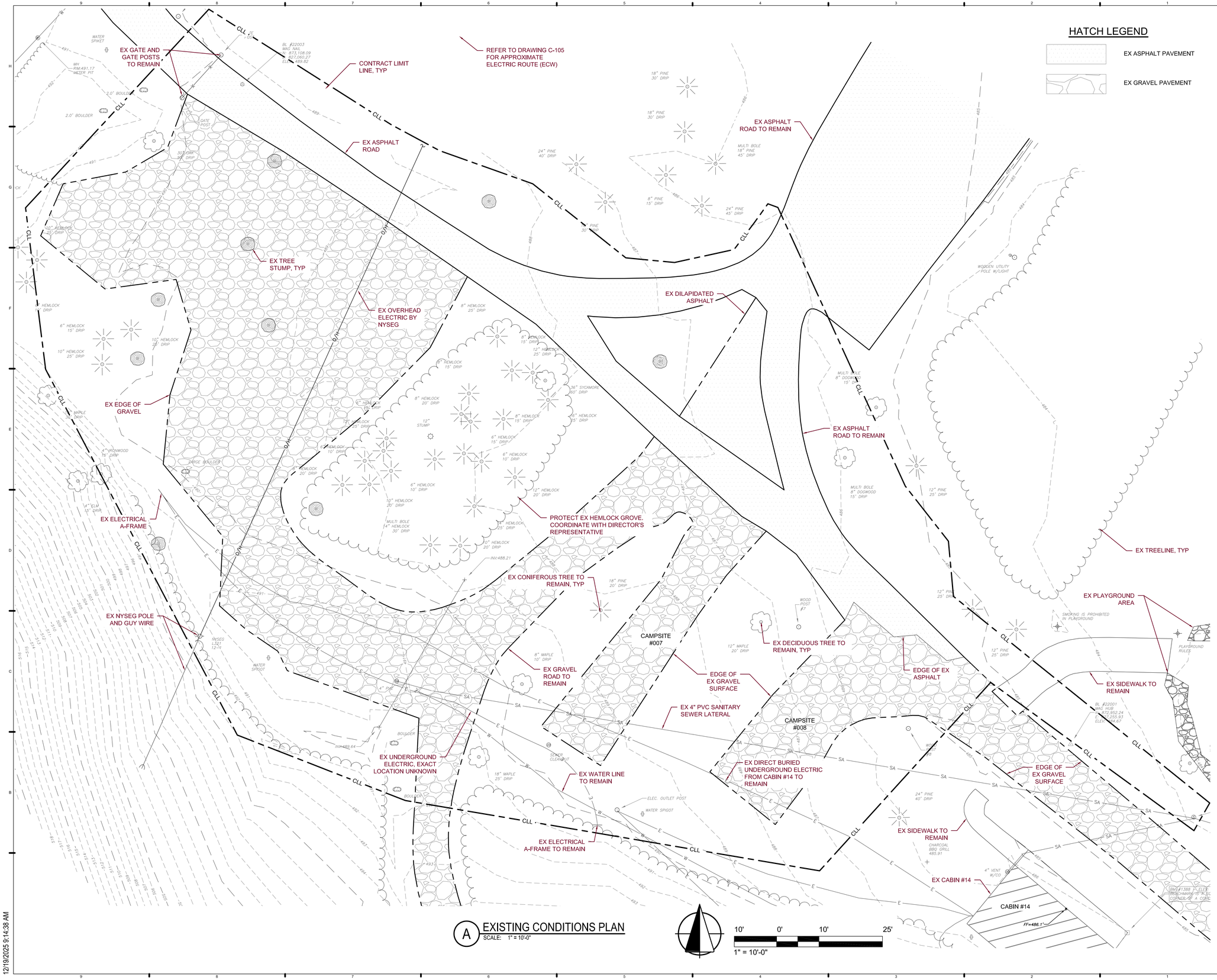
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REGISTERED ARCHITECT MARY HUGHES 023463 STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
NOTES, LEGEND AND ABBREVIATIONS

Drawing Number:
C-002

Project Number: 26007

Sheet: Page 5 of 52



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115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204

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115 SOLAR STREET, SUITE 102
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MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204

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2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618

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105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

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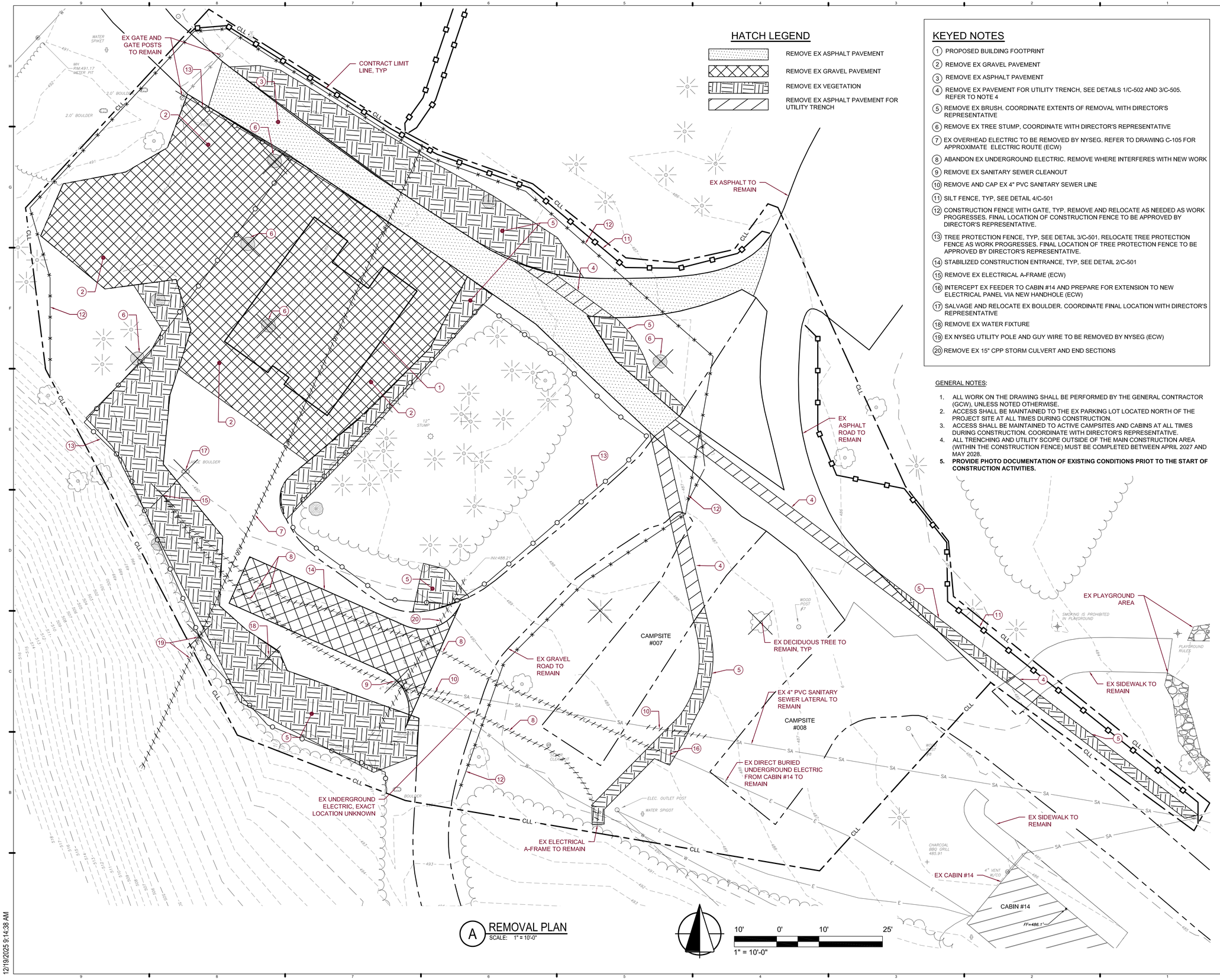
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Exp. 09/30/2028

Sheet Title:
EXISTING CONDITIONS PLAN

Drawing Number:
C-101

Project Number: 26007

Sheet: Page 6 of 52



HATCH LEGEND

- REMOVE EX ASPHALT PAVEMENT
- REMOVE EX GRAVEL PAVEMENT
- REMOVE EX VEGETATION
- REMOVE EX ASPHALT PAVEMENT FOR UTILITY TRENCH

KEYED NOTES

1. PROPOSED BUILDING FOOTPRINT
2. REMOVE EX GRAVEL PAVEMENT
3. REMOVE EX ASPHALT PAVEMENT
4. REMOVE EX PAVEMENT FOR UTILITY TRENCH, SEE DETAILS 1/C-502 AND 3/C-505. REFER TO NOTE 4
5. REMOVE EX BRUSH. COORDINATE EXTENTS OF REMOVAL WITH DIRECTOR'S REPRESENTATIVE
6. REMOVE EX TREE STUMP, COORDINATE WITH DIRECTOR'S REPRESENTATIVE
7. EX OVERHEAD ELECTRIC TO BE REMOVED BY NYSEG. REFER TO DRAWING C-105 FOR APPROXIMATE ELECTRIC ROUTE (ECW)
8. ABANDON EX UNDERGROUND ELECTRIC. REMOVE WHERE INTERFERES WITH NEW WORK
9. REMOVE EX SANITARY SEWER CLEANOUT
10. REMOVE AND CAP EX 4" PVC SANITARY SEWER LINE
11. SILT FENCE, TYP, SEE DETAIL 4/C-501
12. CONSTRUCTION FENCE WITH GATE, TYP. REMOVE AND RELOCATE AS NEEDED AS WORK PROGRESSES. FINAL LOCATION OF CONSTRUCTION FENCE TO BE APPROVED BY DIRECTOR'S REPRESENTATIVE.
13. TREE PROTECTION FENCE, TYP, SEE DETAIL 3/C-501. RELOCATE TREE PROTECTION FENCE AS WORK PROGRESSES. FINAL LOCATION OF TREE PROTECTION FENCE TO BE APPROVED BY DIRECTOR'S REPRESENTATIVE.
14. STABILIZED CONSTRUCTION ENTRANCE, TYP, SEE DETAIL 2/C-501
15. REMOVE EX ELECTRICAL A-FRAME (ECW)
16. INTERCEPT EX FEEDER TO CABIN #14 AND PREPARE FOR EXTENSION TO NEW ELECTRICAL PANEL VIA NEW HANDHOLE (ECW)
17. SALVAGE AND RELOCATE EX BOULDER. COORDINATE FINAL LOCATION WITH DIRECTOR'S REPRESENTATIVE
18. REMOVE EX WATER FIXTURE
19. EX NYSEG UTILITY POLE AND GUY WIRE TO BE REMOVED BY NYSEG (ECW)
20. REMOVE EX 15" CPP STORM CULVERT AND END SECTIONS

GENERAL NOTES:

1. ALL WORK ON THE DRAWING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR (GCW), UNLESS NOTED OTHERWISE.
2. ACCESS SHALL BE MAINTAINED TO THE EX PARKING LOT LOCATED NORTH OF THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.
3. ACCESS SHALL BE MAINTAINED TO ACTIVE CAMPSITES AND CABINS AT ALL TIMES DURING CONSTRUCTION. COORDINATE WITH DIRECTOR'S REPRESENTATIVE.
4. ALL TRENCHING AND UTILITY SCOPE OUTSIDE OF THE MAIN CONSTRUCTION AREA (WITHIN THE CONSTRUCTION FENCE) MUST BE COMPLETED BETWEEN APRIL 2027 AND MAY 2028.
5. **PROVIDE PHOTO DOCUMENTATION OF EXISTING CONDITIONS PRIOT TO THE START OF CONSTRUCTION ACTIVITIES.**

A REMOVAL PLAN
SCALE: 1" = 10'-0"

10' 0' 10' 25'
1" = 10'-0"

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204

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District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

Seal and Signature

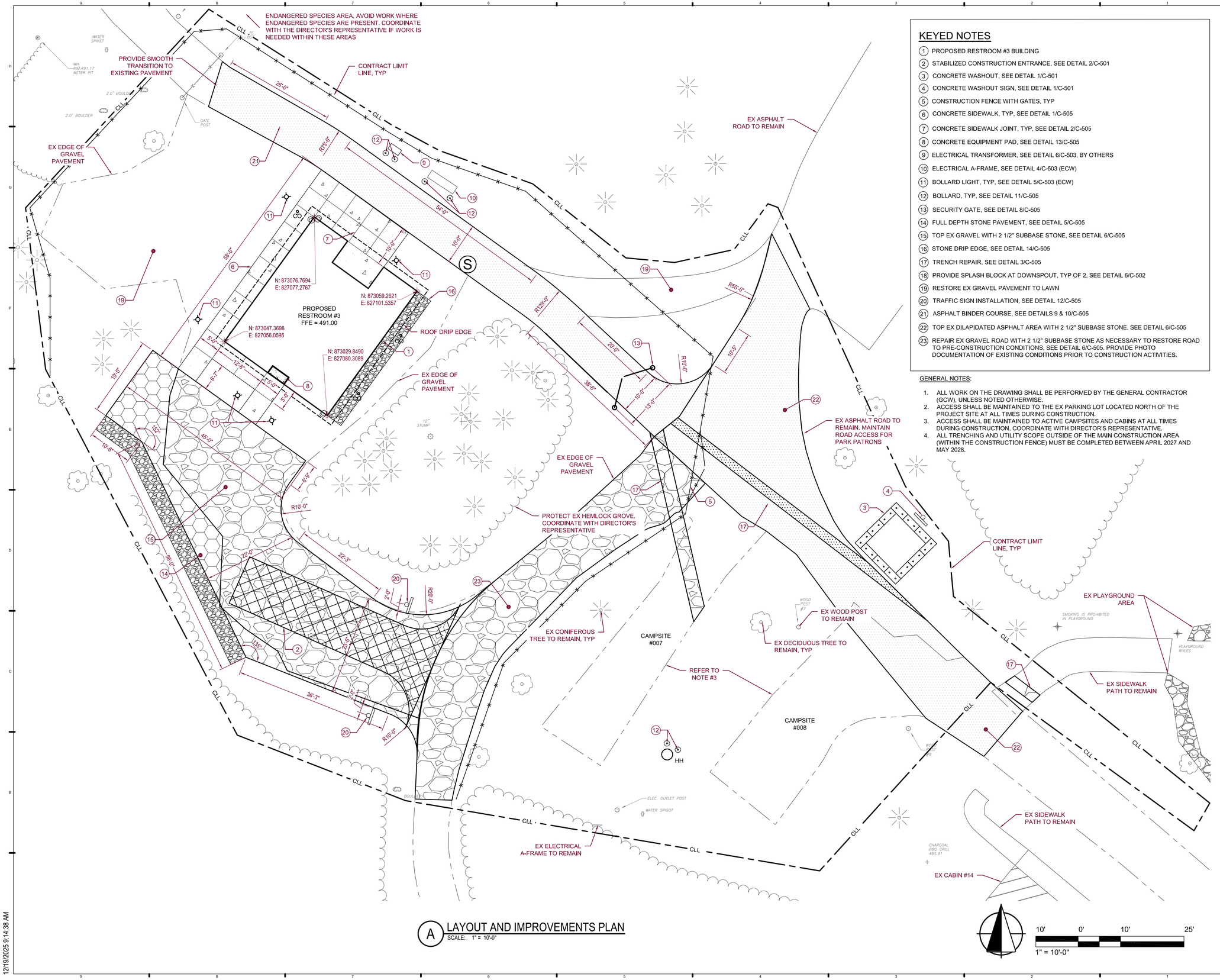
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Sheet Title:
REMOVAL PLAN

Drawing Number:
C-102

Project Number: 26007

Sheet: Page 7 of 52



KEYED NOTES

1. PROPOSED RESTROOM #3 BUILDING
2. STABILIZED CONSTRUCTION ENTRANCE, SEE DETAIL 2/C-501
3. CONCRETE WASHOUT, SEE DETAIL 1/C-501
4. CONCRETE WASHOUT SIGN, SEE DETAIL 1/C-501
5. CONSTRUCTION FENCE WITH GATES, TYP
6. CONCRETE SIDEWALK, TYP, SEE DETAIL 1/C-505
7. CONCRETE SIDEWALK JOINT, TYP, SEE DETAIL 2/C-505
8. CONCRETE EQUIPMENT PAD, SEE DETAIL 13/C-505
9. ELECTRICAL TRANSFORMER, SEE DETAIL 6/C-503, BY OTHERS
10. ELECTRICAL A-FRAME, SEE DETAIL 4/C-503 (ECW)
11. BOLLARD LIGHT, TYP, SEE DETAIL 5/C-503 (ECW)
12. BOLLARD, TYP, SEE DETAIL 11/C-505
13. SECURITY GATE, SEE DETAIL 8/C-505
14. FULL DEPTH STONE PAVEMENT, SEE DETAIL 5/C-505
15. TOP EX GRAVEL WITH 2 1/2" SUBBASE STONE, SEE DETAIL 6/C-505
16. STONE DRIP EDGE, SEE DETAIL 14/C-505
17. TRENCH REPAIR, SEE DETAIL 3/C-505
18. PROVIDE SPLASH BLOCK AT DOWNSPOUT, TYP OF 2, SEE DETAIL 6/C-502
19. RESTORE EX GRAVEL PAVEMENT TO LAWN
20. TRAFFIC SIGN INSTALLATION, SEE DETAIL 12/C-505
21. ASPHALT BINDER COURSE, SEE DETAILS 9 & 10/C-505
22. TOP EX DILAPIDATED ASPHALT AREA WITH 2 1/2" SUBBASE STONE, SEE DETAIL 6/C-505
23. REPAIR EX GRAVEL ROAD WITH 2 1/2" SUBBASE STONE AS NECESSARY TO RESTORE ROAD TO PRE-CONSTRUCTION CONDITIONS, SEE DETAIL 6/C-505. PROVIDE PHOTO DOCUMENTATION OF EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES.

GENERAL NOTES:

1. ALL WORK ON THE DRAWING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR (GCW), UNLESS NOTED OTHERWISE.
2. ACCESS SHALL BE MAINTAINED TO THE EX PARKING LOT LOCATED NORTH OF THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.
3. ACCESS SHALL BE MAINTAINED TO ACTIVE CAMPSITES AND CABINS AT ALL TIMES DURING CONSTRUCTION. COORDINATE WITH DIRECTOR'S REPRESENTATIVE.
4. ALL TRENCHING AND UTILITY SCOPE OUTSIDE OF THE MAIN CONSTRUCTION AREA (WITHIN THE CONSTRUCTION FENCE) MUST BE COMPLETED BETWEEN APRIL 2027 AND MAY 2028.

A LAYOUT AND IMPROVEMENTS PLAN
SCALE: 1" = 10'-0"

10' 0' 10' 25'
1" = 10'-0"

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

Seal and Signature

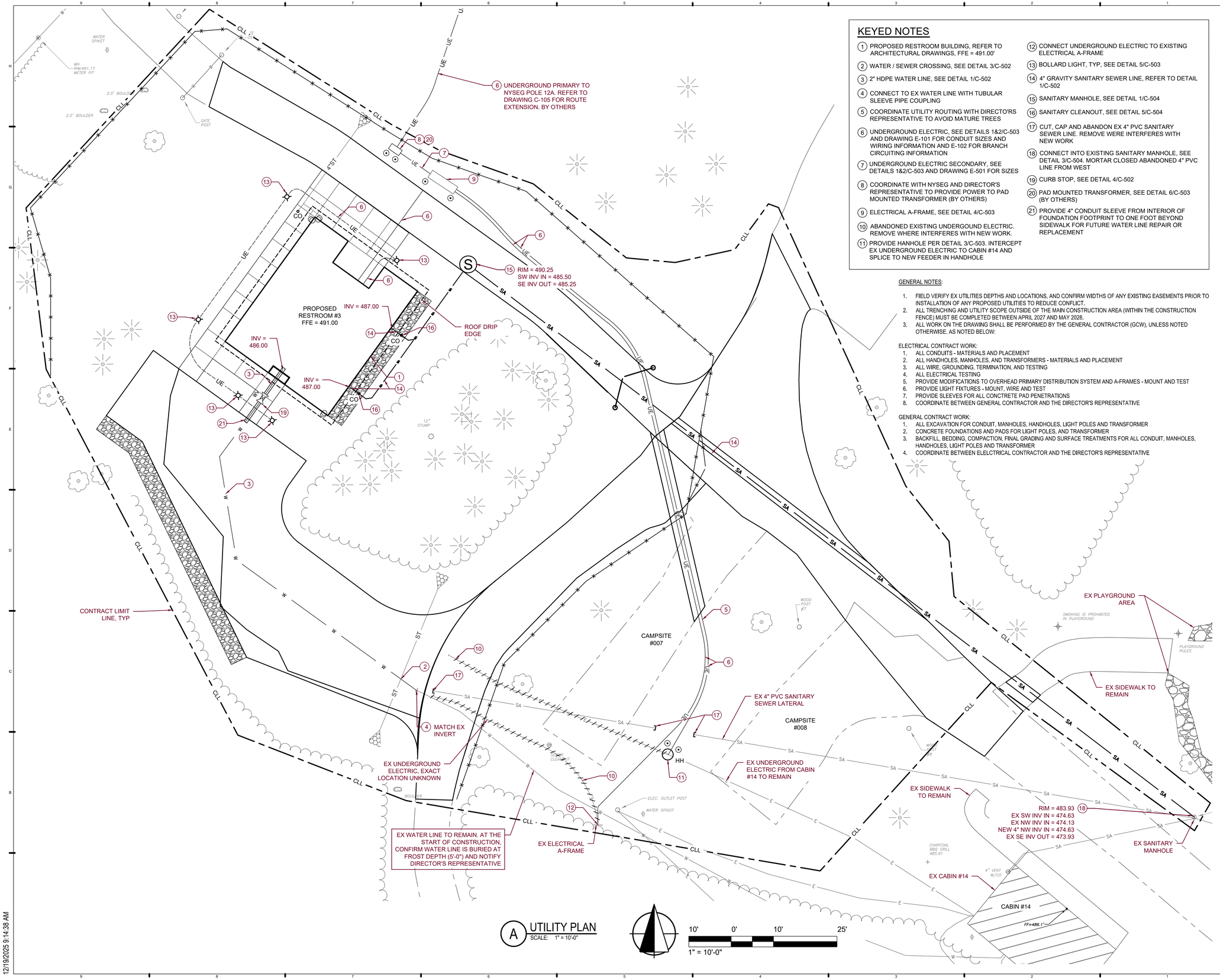
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Sheet Title:
LAYOUT AND IMPROVEMENTS PLAN

Drawing Number:
C-103

Project Number: 26007

Sheet: Page 8 of 52



A UTILITY PLAN
SCALE: 1" = 10'-0"

10' 0' 10' 25'
1" = 10'-0"

KEYED NOTES

1. PROPOSED RESTROOM BUILDING, REFER TO ARCHITECTURAL DRAWINGS, FFE = 491.00'
2. WATER / SEWER CROSSING, SEE DETAIL 3/C-502
3. 2" HDPE WATER LINE, SEE DETAIL 1/C-502
4. CONNECT TO EX WATER LINE WITH TUBULAR SLEEVE PIPE COUPLING
5. COORDINATE UTILITY ROUTING WITH DIRECTO'RS REPRESENTATIVE TO AVOID MATURE TREES
6. UNDERGROUND ELECTRIC, SEE DETAILS 1&2/C-503 AND DRAWING E-101 FOR CONDUIT SIZES AND WIRING INFORMATION AND E-102 FOR BRANCH CIRCUITING INFORMATION
7. UNDERGROUND ELECTRIC SECONDARY, SEE DETAILS 1&2/C-503 AND DRAWING E-501 FOR SIZES
8. COORDINATE WITH NYSEG AND DIRECTOR'S REPRESENTATIVE TO PROVIDE POWER TO PAD MOUNTED TRANSFORMER (BY OTHERS)
9. ELECTRICAL A-FRAME, SEE DETAIL 4/C-503
10. ABANDONED EXISTING UNDERGOUND ELECTRIC. REMOVE WHERE INTERFERES WITH NEW WORK.
11. PROVIDE HANHOLE PER DETAIL 3/C-503. INTERCEPT EX UNDERGROUND ELECTRIC TO CABIN #14 AND SPLICE TO NEW FEEDER IN HANDHOLE
12. CONNECT UNDERGROUND ELECTRIC TO EXISTING ELECTRICAL A-FRAME
13. BOLLARD LIGHT, TYP, SEE DETAIL 5/C-503
14. 4" GRAVITY SANITARY SEWER LINE, REFER TO DETAIL 1/C-502
15. SANITARY MANHOLE, SEE DETAIL 1/C-504
16. SANITARY CLEANOUT, SEE DETAIL 5/C-504
17. CUT, CAP AND ABANDON EX 4" PVC SANITARY SEWER LINE. REMOVE WERE INTERFERES WITH NEW WORK
18. CONNECT INTO EXISTING SANITARY MANHOLE, SEE DETAIL 3/C-504. MORTAR CLOSED ABANDONED 4" PVC LINE FROM WEST
19. CURB STOP, SEE DETAIL 4/C-502
20. PAD MOUNTED TRANSFORMER, SEE DETAIL 6/C-503 (BY OTHERS)
21. PROVIDE 4" CONDUIT SLEEVE FROM INTERIOR OF FOUNDATION FOOTPRINT TO ONE FOOT BEYOND SIDEWALK FOR FUTURE WATER LINE REPAIR OR REPLACEMENT

GENERAL NOTES:

1. FIELD VERIFY EX UTILITIES DEPTHS AND LOCATIONS, AND CONFIRM WIDTHS OF ANY EXISTING EASEMENTS PRIOR TO INSTALLATION OF ANY PROPOSED UTILITIES TO REDUCE CONFLICT.
2. ALL TRENCHING AND UTILITY SCOPE OUTSIDE OF THE MAIN CONSTRUCTION AREA (WITHIN THE CONSTRUCTION FENCE) MUST BE COMPLETED BETWEEN APRIL 2027 AND MAY 2028.
3. ALL WORK ON THE DRAWING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR (GCW), UNLESS NOTED OTHERWISE. AS NOTED BELOW:

ELECTRICAL CONTRACT WORK:
1. ALL CONDUITS - MATERIALS AND PLACEMENT
2. ALL HANDHOLES, MANHOLES, AND TRANSFORMERS - MATERIALS AND PLACEMENT
3. ALL WIRE, GROUNDING, TERMINATION, AND TESTING
4. ALL ELECTRICAL TESTING
5. PROVIDE MODIFICATIONS TO OVERHEAD PRIMARY DISTRIBUTION SYSTEM AND A-FRAMES - MOUNT AND TEST
6. PROVIDE LIGHT FIXTURES - MOUNT, WIRE AND TEST
7. PROVIDE SLEEVES FOR ALL CONCTRETE PAD PENETRATIONS
8. COORDINATE BETWEEN GENERAL CONTRACTOR AND THE DIRECTOR'S REPRESENTATIVE

GENERAL CONTRACT WORK:
1. ALL EXCAVATION FOR CONDUIT, MANHOLES, HANDHOLES, LIGHT POLES AND TRANSFORMER
2. CONCRETE FOUNDATIONS AND PADS FOR LIGHT POLES, AND TRANSFORMER
3. BACKFILL, BEDDING, COMPACTION, FINAL GRADING AND SURFACE TREATMENTS FOR ALL CONDUIT, MANHOLES, HANDHOLES, LIGHT POLES AND TRANSFORMER
4. COORDINATE BETWEEN ELELCTRICAL CONTRACTOR AND THE DIRECTOR'S REPRESENTATIVE

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115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
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ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

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REGISTERED ARCHITECT DANNY HALPERIN 022463 STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
UTILITY PLAN, SHEET 1 OF 2

Drawing Number:
C-104

Project Number: 26007

Sheet: Page 9 of 52

GENERAL NOTES:

1. ALL WORK ASSOCIATED WITH CONDUITS AND TRENCHING ON THIS DRAWING WILL BE PREFORMED BY OTHERS. COORDINATE WITH DIRECTOR'S REPRESENTATIVE CONNECTION TO SITE ELECTRICAL WORK BEYOND CONNECTION TO PAD MOUNTED TRANSFORMER.
2. FIELD VERIFY EX UTILITIES DEPTHS AND LOCATIONS, AND CONFIRM WIDTHS OF ANY EXISTING EASEMENTS PRIOR TO INSTALLATION OF ANY PROPOSED UTILITIES TO REDUCE CONFLICT.
3. ALL TRENCHING AND UTILITY SCOPE OUTSIDE OF THE MAIN CONSTRUCTION AREA (WITHIN THE CONSTRUCTION FENCE) MUST BE COMPLETED BETWEEN APRIL 2027 AND MAY 2028.
4. ALL WORK ON THE DRAWING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR (GCW), UNLESS NOTED OTHERWISE. AS NOTED BELOW:

ELECTRICAL CONTRACT WORK:

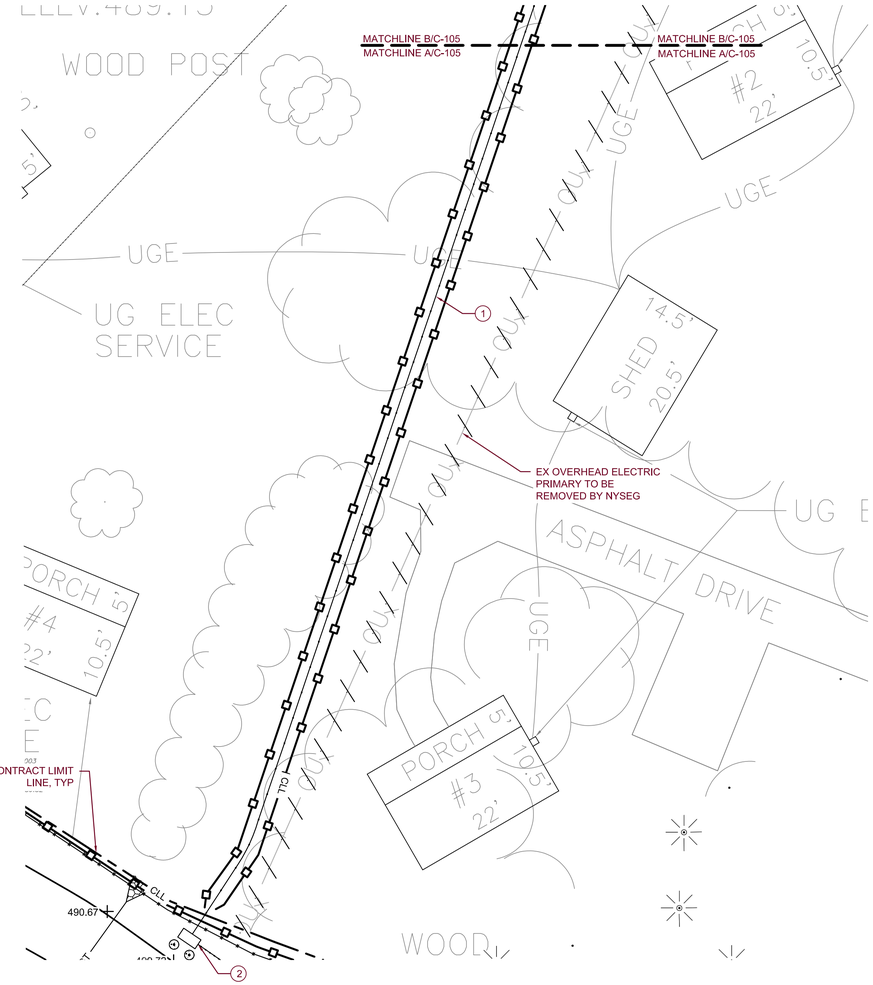
1. ALL CONDUITS - MATERIALS AND PLACEMENT
2. ALL HANDHOLES, MANHOLES, AND TRANSFORMERS - MATERIALS AND PLACEMENT
3. ALL WIRE, GROUNDING, TERMINATION, AND TESTING
4. ALL ELECTRICAL TESTING
5. PROVIDE MODIFICATIONS TO OVERHEAD PRIMARY DISTRIBUTION SYSTEM AND A-FRAMES - MOUNT AND TEST
6. PROVIDE LIGHT FIXTURES - MOUNT, WIRE AND TEST
7. PROVIDE SLEEVES FOR ALL CONCTRETE PAD PENETRATIONS
8. COORDINATE BETWEEN GENERAL CONTRACTOR AND THE DIRECTOR'S REPRESENTATIVE

GENERAL CONTRACT WORK:

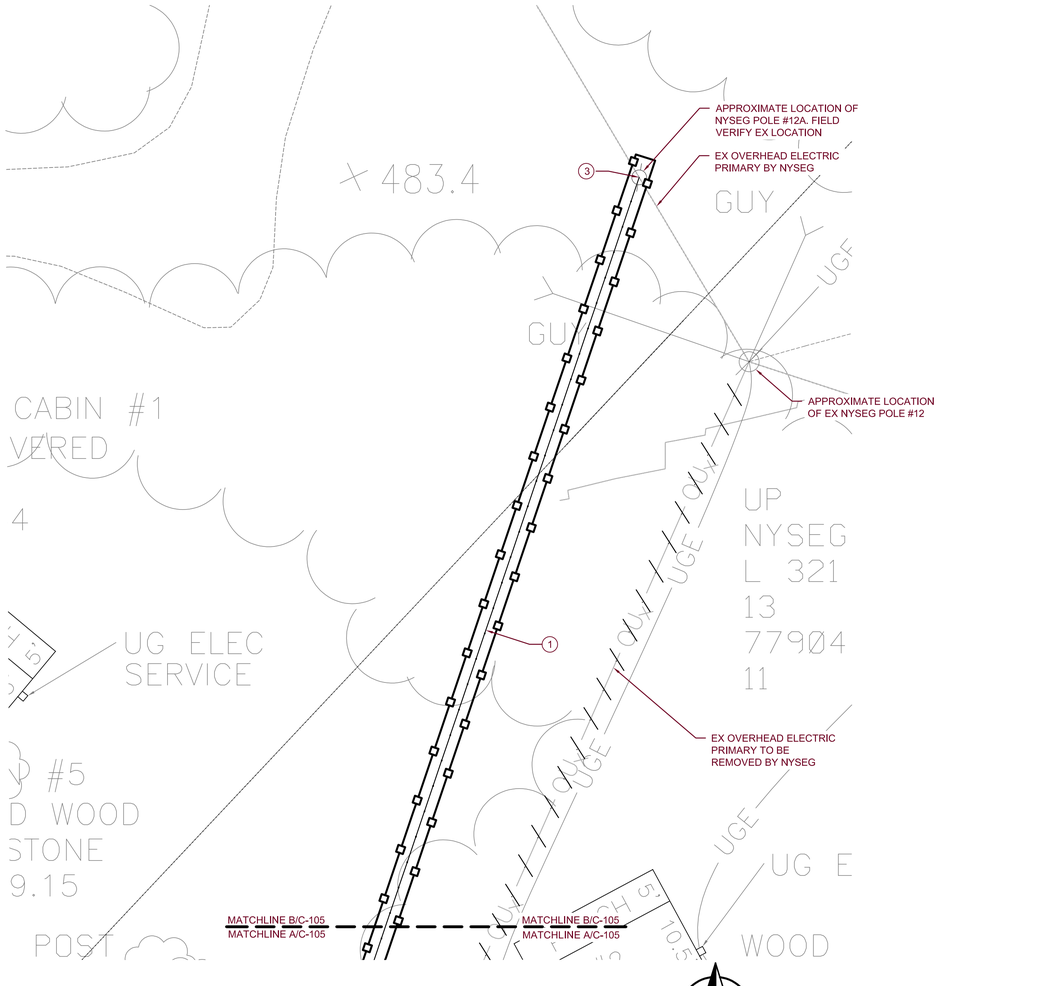
1. ALL EXCAVATION FOR CONDUIT, MANHOLES, HANDHOLES, LIGHT POLES AND TRANSFORMER
2. CONCRETE FOUNDATIONS AND PADS FOR LIGHT POLES, AND TRANSFORMER
3. BACKFILL, BEDDING, COMPACTION, FINAL GRADING AND SURFACE TREATMENTS FOR ALL CONDUIT, MANHOLES, HANDHOLES, LIGHT POLES AND TRANSFORMER
4. COORDINATE BETWEEN ELELCTRICAL CONTRACTOR AND THE DIRECTOR'S REPRESENTATIVE

KEYED NOTES

1. UNDERGROUND ELECTRIC, BY OTHERS, SEE GENERAL NOTE 1
2. COORDINATE WITH NYSEG TO PROVIDE POWER TO PAD MOUNTED TRANSFORMER (BY OTHERS)
3. CONNECT UNDERGROUND ELECTRIC TO NYSEG UTILITY POLE #12A, BY OTHERS.



A UTILITY ROUTE EXTENSION
SCALE: 1" = 10'-0"



B UTILITY ROUTE EXTENSION
SCALE: 1" = 10'-0"

10' 0' 10' 25'
1" = 10'-0"

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
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RAVI ENGINEERING
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Project Title:
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ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

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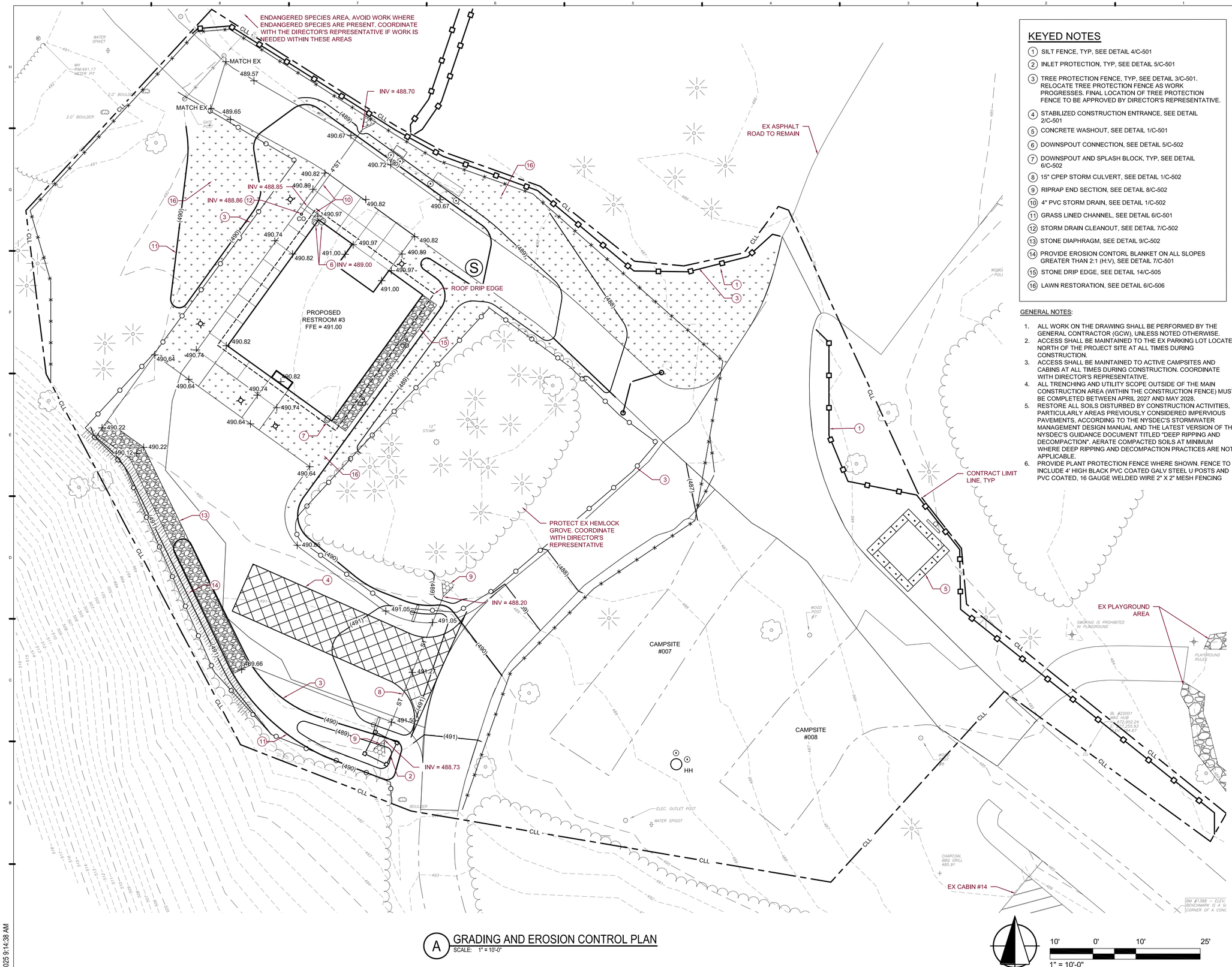
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Exp. 09/30/2028

Sheet Title:
UTILITY PLAN, SHEET 2 OF 2

Drawing Number:
C-105

Project Number: 26007

Sheet: Page 10 of 52



A GRADING AND EROSION CONTROL PLAN
SCALE: 1" = 10'-0"

10' 0' 10' 25'
1" = 10'-0"

KEYED NOTES

1. SILT FENCE, TYP, SEE DETAIL 4/C-501
2. INLET PROTECTION, TYP, SEE DETAIL 5/C-501
3. TREE PROTECTION FENCE, TYP, SEE DETAIL 3/C-501. RELOCATE TREE PROTECTION FENCE AS WORK PROGRESSES. FINAL LOCATION OF TREE PROTECTION FENCE TO BE APPROVED BY DIRECTOR'S REPRESENTATIVE.
4. STABILIZED CONSTRUCTION ENTRANCE, SEE DETAIL 2/C-501
5. CONCRETE WASHOUT, SEE DETAIL 1/C-501
6. DOWNSPOUT CONNECTION, SEE DETAIL 5/C-502
7. DOWNSPOUT AND SPLASH BLOCK, TYP, SEE DETAIL 6/C-502
8. 15" CPEP STORM CULVERT, SEE DETAIL 1/C-502
9. RIPRAP END SECTION, SEE DETAIL 8/C-502
10. 4" PVC STORM DRAIN, SEE DETAIL 1/C-502
11. GRASS LINED CHANNEL, SEE DETAIL 6/C-501
12. STORM DRAIN CLEANOUT, SEE DETAIL 7/C-502
13. STONE DIAPHRAGM, SEE DETAIL 9/C-502
14. PROVIDE EROSION CONTORL BLANKET ON ALL SLOPES GREATER THAN 2:1 (H:V), SEE DETAIL 7/C-501
15. STONE DRIP EDGE, SEE DETAIL 14/C-505
16. LAWN RESTORATION, SEE DETAIL 6/C-506

GENERAL NOTES:

1. ALL WORK ON THE DRAWING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR (GCW), UNLESS NOTED OTHERWISE.
2. ACCESS SHALL BE MAINTAINED TO THE EX PARKING LOT LOCATED NORTH OF THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.
3. ACCESS SHALL BE MAINTAINED TO ACTIVE CAMPSITES AND CABINS AT ALL TIMES DURING CONSTRUCTION. COORDINATE WITH DIRECTOR'S REPRESENTATIVE.
4. ALL TRENCHING AND UTILITY SCOPE OUTSIDE OF THE MAIN CONSTRUCTION AREA (WITHIN THE CONSTRUCTION FENCE) MUST BE COMPLETED BETWEEN APRIL 2027 AND MAY 2028.
5. RESTORE ALL SOILS DISTURBED BY CONSTRUCTION ACTIVITIES, PARTICULARLY AREAS PREVIOUSLY CONSIDERED IMPERVIOUS PAVEMENTS, ACCORDING TO THE NYSDEC'S STORMWATER MANAGEMENT DESIGN MANUAL AND THE LATEST VERSION OF THE NYSDEC'S GUIDANCE DOCUMENT TITLED "DEEP RIPPING AND DECOMPACTION". AERATE COMPACTED SOILS AT MINIMUM WHERE DEEP RIPPING AND DECOMPACTION PRACTICES ARE NOT APPLICABLE.
6. PROVIDE PLANT PROTECTION FENCE WHERE SHOWN. FENCE TO INCLUDE 4' HIGH BLACK PVC COATED GALV STEEL U POSTS AND PVC COATED, 16 GAUGE WELDED WIRE 2" X 2" MESH FENCING

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
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RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT ROBERT HUPPERT 022463 STATE OF NEW YORK
Exp. 09/30/2026

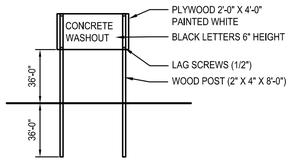
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GRADING AND EROSION CONTROL PLAN

Drawing Number:
C-106

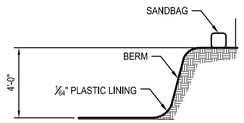
Project Number: 26007

Sheet: Page 11 of 52

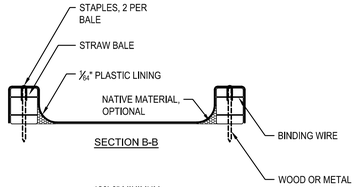
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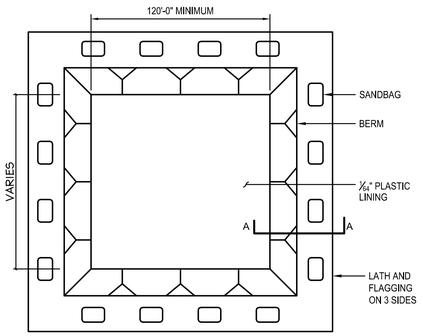
CONCRETE WASHOUT SIGN DETAIL



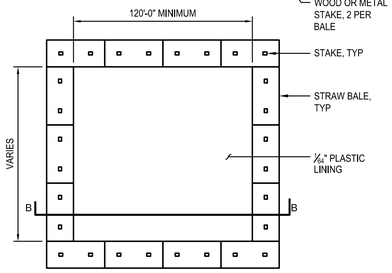
SECTION A-A



SECTION B-B



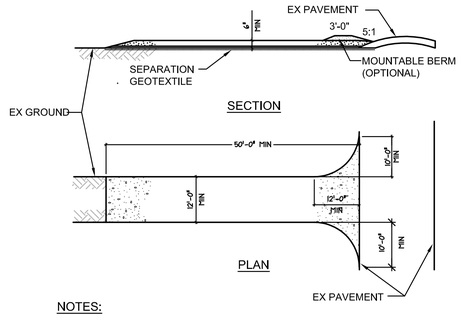
BELOW GRADE WASHOUT PLAN



ABOVE GRADE WASHOUT PLAN

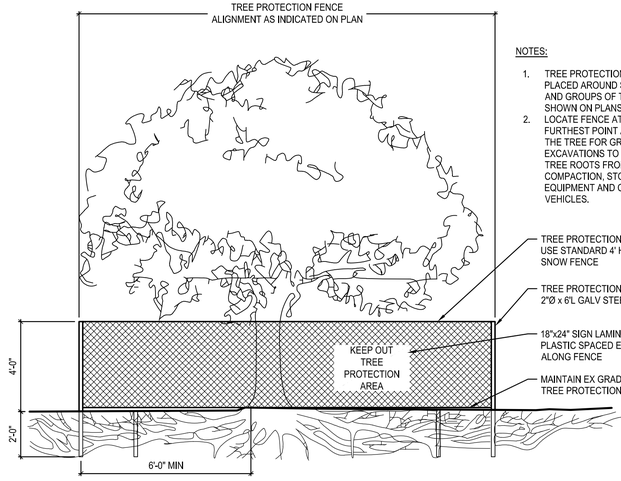
NOTES:
1. COORDINATE LOCATIONS AND ACTUAL LAYOUT IN THE FIELD WITH THE DIRECTOR'S REPRESENTATIVE.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 33'-0" OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. WASHOUT AREA SHOULD NOT BE PLACED WITHIN 50'-0" OF STORM DRAINS, OPEN DITCHES OR WATER BODIES, WHERE PERMITTED. WASHOUT AREA SHOULD BE PLACED WITHIN CLOSE PROXIMITY TO CONCRETE WORK, WHERE EASILY ACCESSIBLE TO CONTRACTOR.
4. CONCRETE WASHOUT AREA SHALL BE INSPECTED EVERY WORKING DAY AND CLEANED/CHANGED WHEN 75% FULL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REGULAR CLEANING AND MAINTENANCE OF CONCRETE WASHOUT, AS WELL AS THE REMOVAL OF THE CONCRETE WASHOUT AT THE END OF USE.

1 CONCRETE WASHOUT
SCALE: NONE



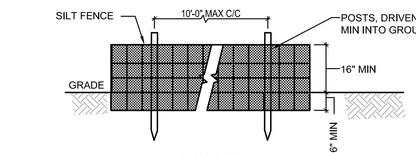
NOTES:
1. PROVIDE #3 CRUSHED STONE FOR ENTRANCE.
2. ENTRANCE WIDTH SHALL BE 12'-0" MIN, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24'-0" IF SINGLE ENTRANCE TO SITE.
3. PLACE SEPARATION GEOTEXTILE OVER THE ENTIRE AREA PRIOR TO PLACEMENT OF STONE.
4. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCE SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
5. MAINTAIN ENTRANCE IN A CONDITION TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO EXISTING PARKING AREAS, ROADWAYS, AND PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PAVED AREAS MUST BE REMOVED IMMEDIATELY.
6. WASH VEHICLE TIRES WHEN NEEDED ON THE STABILIZED CONSTRUCTION ENTRANCE, PRIOR TO EXITING THE AREA OF CONSTRUCTION.
7. PROVIDE PERIODIC INSPECTION AND NEEDED MAINTENANCE AFTER EACH RAIN. TOP DRESS WITH NEW STONE AS NEEDED.
8. REMOVE ALL STONE AND SEPARATION GEOTEXTILE UPON COMPLETION OF WORK. RESTORE EXISTING LAWN AREAS TO EXISTING CONDITIONS.

2 STABILIAZED CONSTRUCTION ENTRANCE
SCALE: NONE

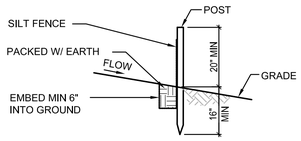


NOTES:
1. TREE PROTECTION FENCE TO BE PLACED AROUND SINGLE TREES AND GROUPS OF TREES AS SHOWN ON PLANS.
2. LOCATE FENCE AT THE FURTHEST POINT AWAY FROM THE TREE FOR GRADING AND EXCAVATIONS TO PROTECT TREE ROOTS FROM COMPACTION, STORAGE OF EQUIPMENT AND CONSTRUCTION VEHICLES.

3 TREE PROTECTION FENCE
SCALE: NONE



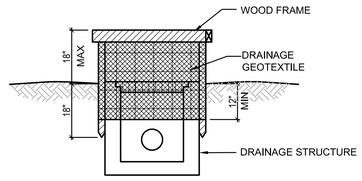
ELEVATION



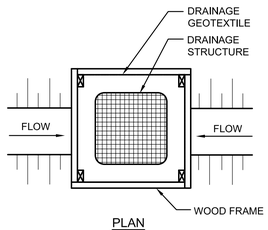
SECTION

NOTES:
1. SILT FENCE SHALL BE WOVEN REINFORCED 14 GAUGE WIRE (MIN), WITH 6" MAX OPENINGS.
2. FASTEN FENCE SECURELY TO POSTS WITH WIRE TIES OR STAPLES.
3. OVERLAP FENCE BY MIN 6" AND FOLD.
4. MAINTAIN FENCE IN GOOD CONDITION UNTIL LAWNS ARE ESTABLISHED.

4 SILT FENCE
SCALE: NONE



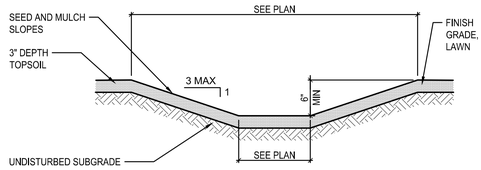
ELEVATION



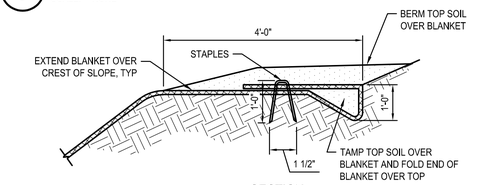
PLAN

NOTES:
1. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED OVERLAP TO THE NEXT POST.
2. POST MATERIALS TO BE STANDARD 2x4 WOOD OR EQUIVALENT.
3. SPACE POSTS EVENLY AROUND INLET 3 FEET APART. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE DRAINAGE GEOTEXTILE FOR SUPPORT.
4. SECURELY FASTEN DRAINAGE GEOTEXTILE TO POSTS AND FRAME.
5. INSTALL A 2X4 WOOD FRAME AT TOP OF THE CREST OF THE DRAINAGE GEOTEXTILE.
6. MAXIMUM DRAINAGE AREA 1 ACRE.

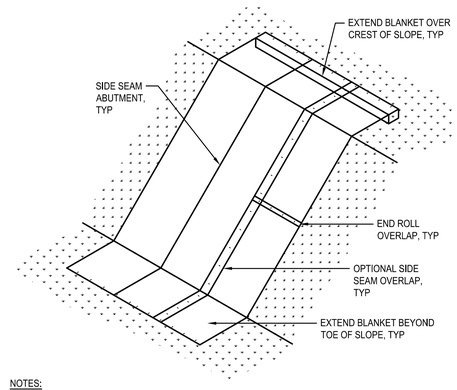
5 INLET PROTECTION IN LAWN
SCALE: NONE



6 GRASS LINED CHANNEL
SCALE: NONE



SECTION



NOTES:
1. EROSION CONTROL BLANKETS SHALL BE USED ON ALL SLOPES 1:3 AND GREATER.
2. REMOVE ALL UNDESIRABLE STONES AND OTHER DEBRIS PRIOR TO SEEDING AND PLACEMENT OF EROSION CONTROL BLANKET.
3. EROSION CONTROL BLANKET INSTALLATION AND ANCHORING SHALL BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

7 EROSION CONTROL BLANKET
SCALE: NONE

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
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District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

Seal and Signature

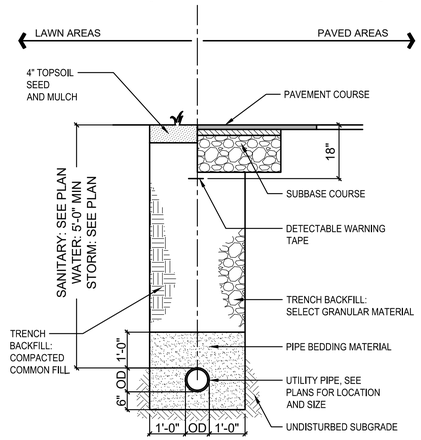
REGISTERED ARCHITECT — ANDREW HALPERN — 022483 — STATE OF NEW YORK — Exp. 09/30/2028

Sheet Title:
EROSION AND SEDIMENT CONTROL DETAILS

Drawing Number:
C-501

Project Number: 26007

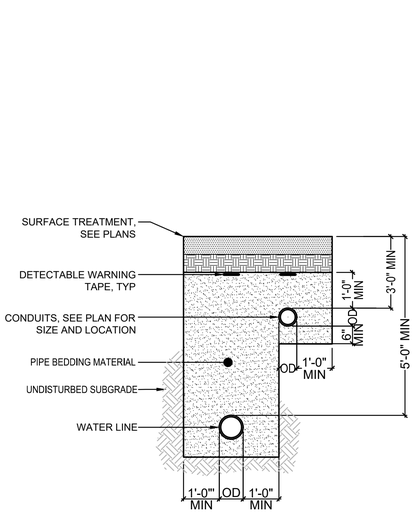
Sheet: Page 12 of 52



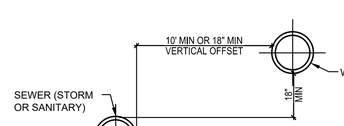
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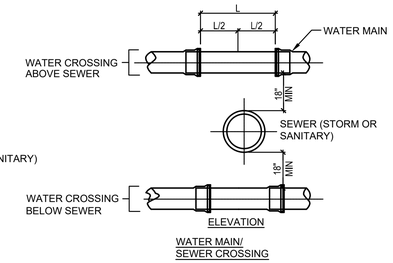
1. REFER TO APPROPRIATE DETAILS FOR PAVEMENT DEPTHS.
2. TRENCH DEPTHS, WIDTHS, SHEETING, SHORING, BRACING AND CUTBACK SLOPES TO BE DETERMINED BY THE CONTRACTOR AND SHALL COMPLY W/ OSHA, NEW YORK STATE DEPARTMENT OF LABOR, NEW YORK STATE INDUSTRIAL CODE AND ALL OTHER APPLICABLE SAFETY STANDARDS.

1 UTILITY TRENCH
SCALE: NONE



2 SHARED UTILITY TRENCH
SCALE: NONE

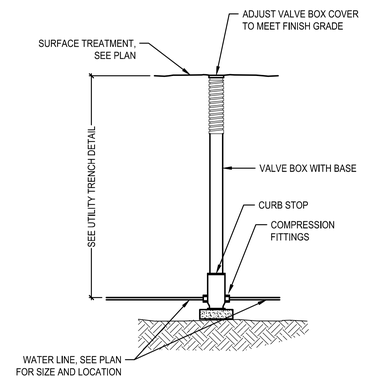


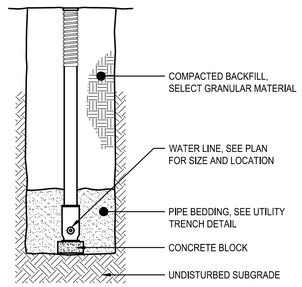


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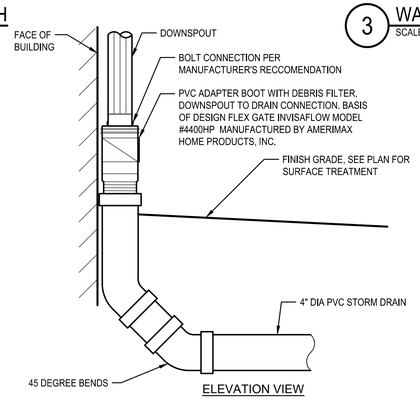
1. INSTALL WATER MAINS PARALLEL TO STORM AND/OR SANITARY SEWER. PIPES SHALL HAVE A MINIMUM OF 10 FEET HORIZONTAL SEPARATION (MEASURED EDGE OF PIPE TO EDGE OF PIPE).
2. WHEN 10 FEET HORIZONTAL SEPARATION CANNOT BE MAINTAINED, A VERTICAL SEPARATION OF AT LEAST 18 INCHES BETWEEN BOTTOM OF WATER MAIN AND TOP OF SEWER PIPE SHALL BE MAINTAINED.
3. WHEN SEPARATION CAN'T BE MAINTAINED, THE WATER MAIN OR SEWER LINE SHALL BE ENCASED IN A WATERTIGHT CARRIER PIPE (STEEL CASING) WHICH EXTENDS 10 FEET ON BOTH SIDES OF THE CROSSING, MEASURED PERPENDICULAR TO THE WATER MAIN.

3 WATER/SEWER CROSSING
SCALE: NONE





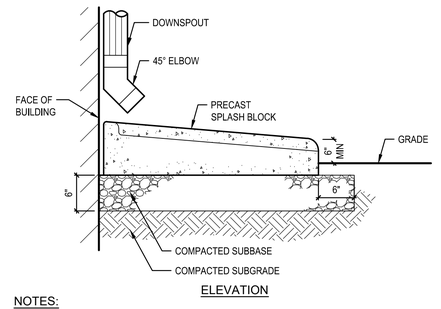
4 CURB STOP
SCALE: NONE



NOTES:

1. COORDINATE LOCATION OF CONNECTIONS WITH DOWNSPOUT CONFIGURATION.

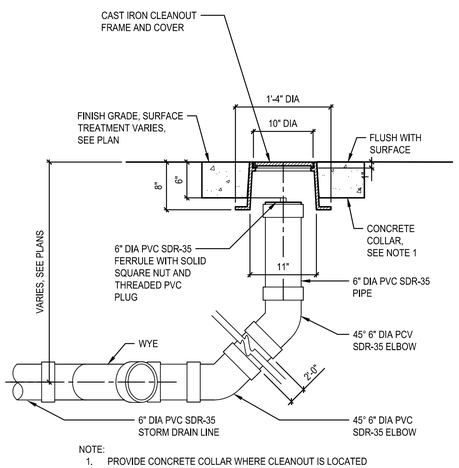
5 DOWNSPOUT CONNECTION
SCALE: NONE



NOTES:

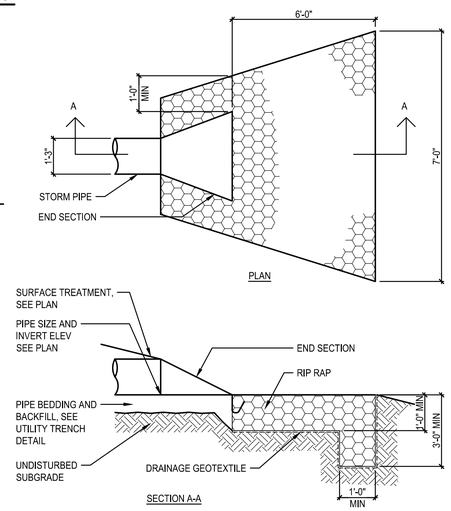
1. COORDINATE LOCATION AND ORIENTATION OF SPLASH BLOCK WITH DOWNSPOUT CONFIGURATION.
2. SLOPE AND POSITION TO DIRECT WATER AWAY FROM BUILDING FOUNDATIONS OR PATHS OF TRAVEL.

6 DOWNSPOUT SPLASH BLOCK
SCALE: NONE

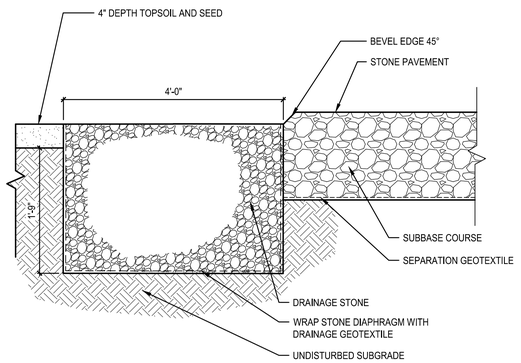


NOTE:
1. PROVIDE CONCRETE COLLAR WHERE CLEANOUT IS LOCATED WITHIN LAWN AREA

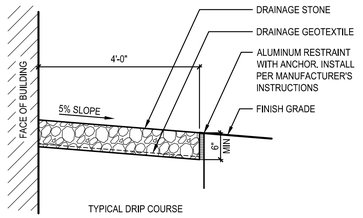
7 STORM CLEANOUT
SCALE: NONE



8 STORM RIPRAP END SECTION
SCALE: NONE



9 STONE DIAPHRAGM
SCALE: NONE



10 STONE DRIP COURSE
SCALE: NONE

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New York State Parks, Recreation and Historic Preservation

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SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
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RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
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Key Plan

REVISIONS

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Drawn By: AAH
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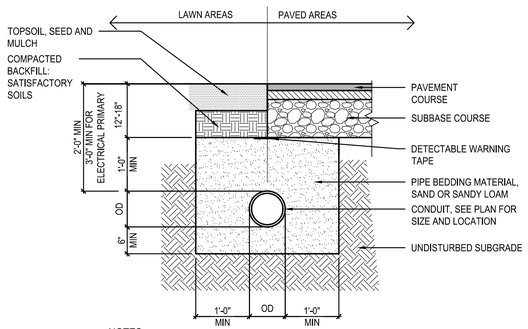
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Exp. 09/30/2028

Sheet Title: UTILITY DETAILS

Drawing Number:
C-502

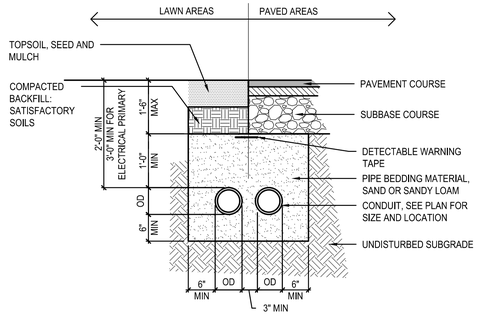
Project Number: 26007

Sheet: Page 13 of 52



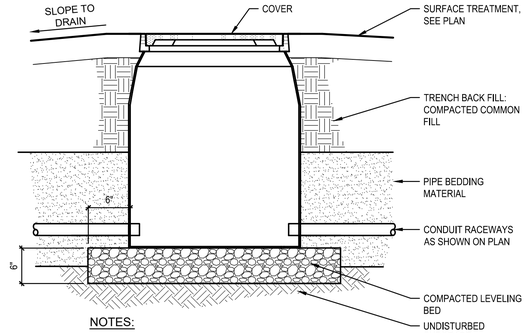
NOTES:
1. PROVIDE SCH 40 PVC CONDUIT, EXCEPT WHERE NOTED BELOW.
2. PROVIDE GALVANIZED RIGID STEEL CONDUIT WITHIN 5'-0" OF BUILDINGS AND UNDER ROADWAYS, PARKING LOTS, DRAINAGE CHANNELS, AND SIDEWALKS.
3. MAINTAIN MINIMUM 2'-0" HORIZONTAL AND VERTICAL CLEARANCE BETWEEN ELECTRICAL CONDUITS AND CABLES, AND ADJACENT WATER, SANITARY SEWER, AND TELEPHONE LINES.

1 SINGLE CONDUIT TRENCH
SCALE: NONE



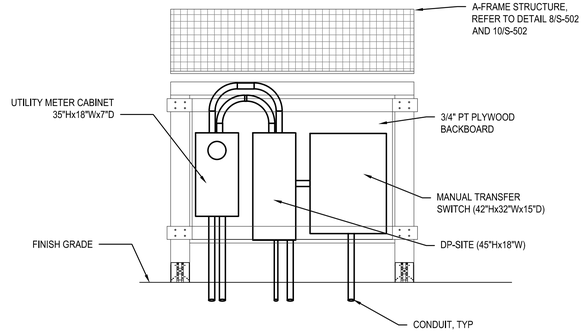
NOTES:
1. PROVIDE SCH 40 PVC CONDUIT, EXCEPT WHERE NOTED BELOW.
2. PROVIDE GALVANIZED RIGID STEEL CONDUIT WITHIN 5'-0" OF BUILDINGS AND UNDER ROADWAYS, PARKING LOTS, DRAINAGE CHANNELS, AND SIDEWALKS.
3. MAINTAIN MINIMUM 2'-0" HORIZONTAL AND VERTICAL CLEARANCE BETWEEN ELECTRICAL CONDUITS AND CABLES, AND ADJACENT WATER, SANITARY SEWER, AND TELEPHONE LINES.

2 SHARED CONDUIT TRENCH
SCALE: NONE

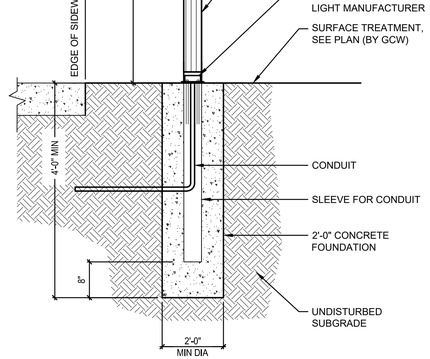


NOTES:
1. STANDARD OF DESIGN SHALL BE QUAZITE PG-SERIES, POLYMER CONCRETE, ANSI TIER 22 WITH EXTRA HEAVY DUTY COVER OR EQUAL. MINIMUM SIZE 17"W x 30"L x 18"D.

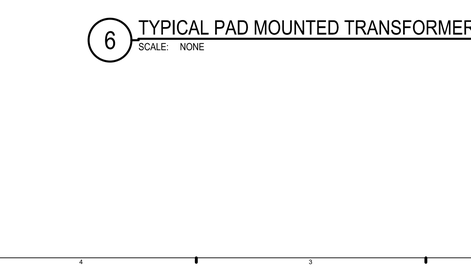
3 ELECTRICAL HANDHOLE
SCALE: NONE



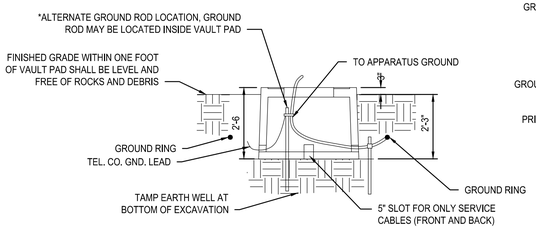
4 TYPICAL SERVICE A-FRAME DETAIL
SCALE: NONE



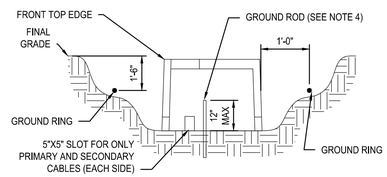
5 BOLLARD LIGHT
SCALE: NONE



TOP VIEW



FRONT VIEW



SIDE VIEW

NOTE:
1. PROVIDE VAULT PAD PER NYSEG DOCUMENT SP-1099.
2. LOCATE PAD SO COMPARTMENT FACES AWAY FROM STREET.
3. IF THE TRANSFORMER IS NOT TO BE INSTALLED NOW, A TERMINATING BOX SHALL BE CALLED USING J37 CODE.
4. GROUND ROD MAY BE LOCATED INSIDE THE PAD VAULT.

6 TYPICAL PAD MOUNTED TRANSFORMER PAD AND VAULT (BY OTHERS)
SCALE: NONE

GENERAL NOTES:

1. FIELD VERIFY EX UTILITIES DEPTHS AND LOCATIONS, AND CONFIRM WIDTHS OF ANY EXISTING EASEMENTS PRIOR TO INSTALLATION OF ANY PROPOSED UTILITIES TO REDUCE CONFLICT.
2. ALL WORK ON THE DRAWING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR (GCW), UNLESS NOTED OTHERWISE. AS NOTED BELOW:

ELECTRICAL CONTRACT WORK:
1. ALL CONDUITS - MATERIALS AND PLACEMENT
2. ALL HANDHOLES, MANHOLES, AND TRANSFORMERS - MATERIALS AND PLACEMENT
3. ALL WIRE, GROUNDING, TERMINATION, AND TESTING
4. ALL ELECTRICAL TESTING
5. PROVIDE MODIFICATIONS TO OVERHEAD PRIMARY DISTRIBUTION SYSTEM AND A-FRAMES - MOUNT AND TEST
6. PROVIDE LIGHT FIXTURES - MOUNT, WIRE AND TEST
7. PROVIDE SLEEVES FOR ALL CONCTRETE PAD PENETRATIONS
8. COORDINATE BETWEEN GENERAL CONTRACTOR AND THE DIRECTOR'S REPRESENTATIVE

GENERAL CONTRACT WORK:
1. ALL EXCAVATION FOR CONDUIT, MANHOLES, HANDHOLES, LIGHT POLES AND TRANSFORMER
2. CONCRETE FOUNDATIONS AND PADS FOR LIGHT POLES, AND TRANSFORMER
3. BACKFILL, BEDDING, COMPACTION, FINAL GRADING AND SURFACE TREATMENTS FOR ALL CONDUIT, MANHOLES, HANDHOLES, LIGHT POLES AND TRANSFORMER
4. COORDINATE BETWEEN ELELCTRICAL CONTRACTOR AND THE DIRECTOR'S REPRESENTATIVE

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New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul | Commissioner Kathy Moser

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Architectural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

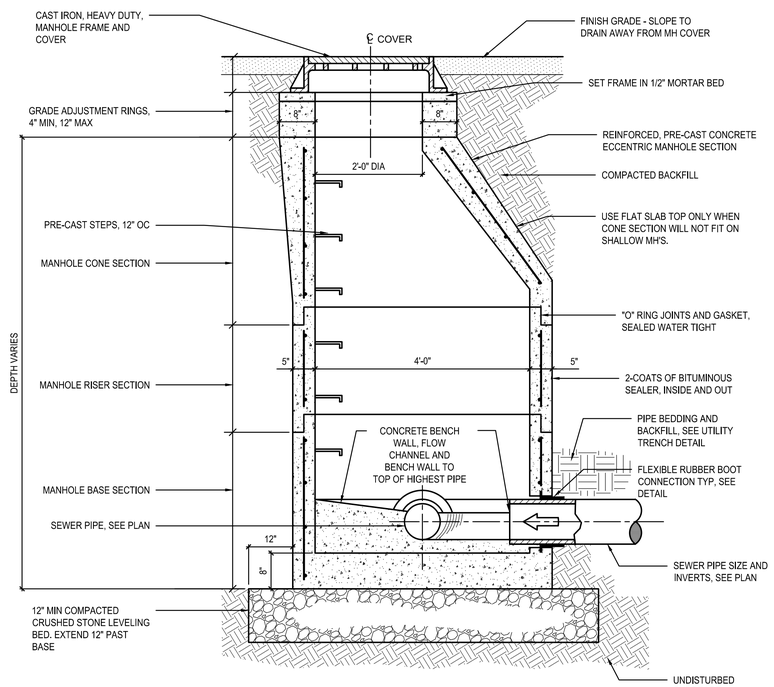
Seal and Signature
REGISTERED ARCHITECT MARY HALPERN 022463 STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
SITE ELECTRIC DETAILS

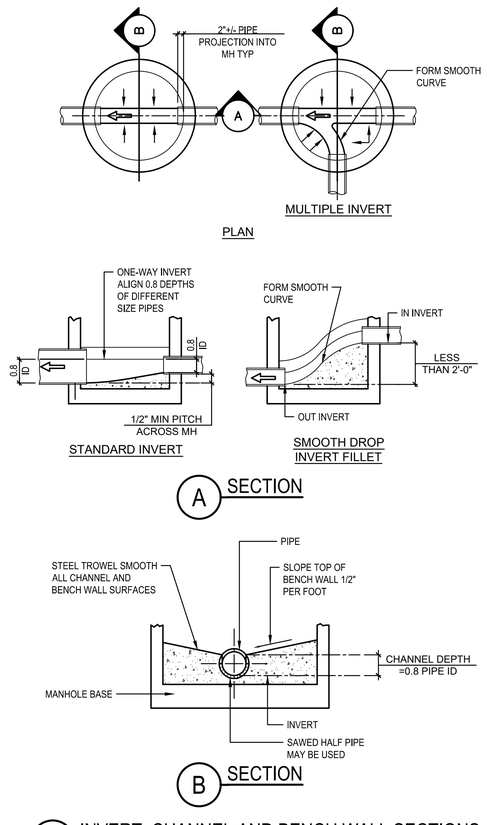
Drawing Number:
C-503

Project Number: 26007

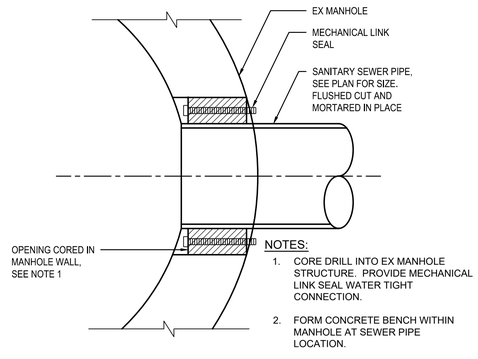
Sheet: Page 14 of 52



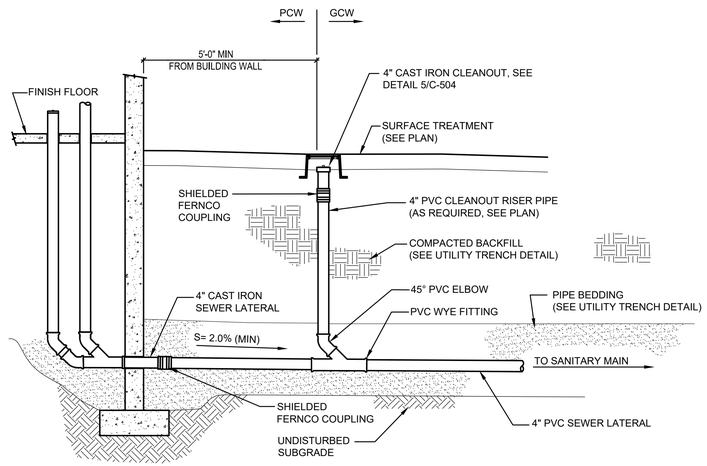
1 SANITARY MANHOLE
SCALE: NONE



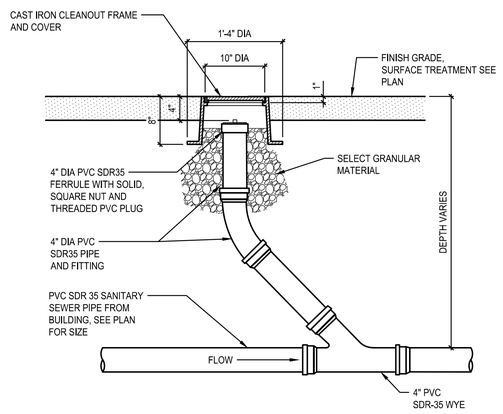
2 INVERT, CHANNEL AND BENCH WALL SECTIONS
SCALE: NONE



3 EX MANHOLE PENETRATION
SCALE: NONE



4 BUILDING SANITARY SERVICE
SCALE: NONE



5 SANITARY SEWER CLEANOUT
SCALE: NONE

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Architectural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
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BEARDSLEY ARCHITECTS + ENGINEERS
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Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
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RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
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ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT HARRY HALPERN 022463 STATE OF NEW YORK
Exp. 09/30/2028

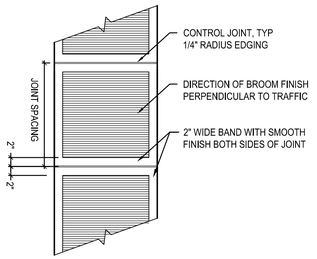
Sheet Title: SANITARY SEWER DETAILS

Drawing Number: **C-504**

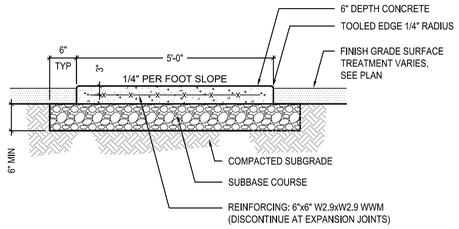
Project Number: 26007

Sheet: Page 15 of 52

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PLAN

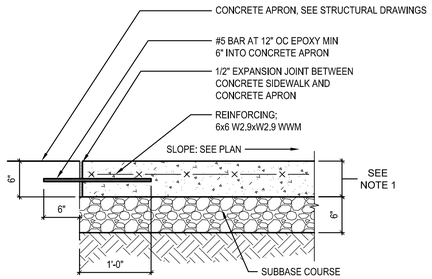


SECTION

NOTES:

1. CONTROL JOINT SPACING NO GREATER THAN THE SIDEWALK WIDTH. SPACING SHALL BE ADJUSTED FOR EACH SEGMENT OF SIDEWALK SO THAT THE SEGMENT LENGTHS WILL REMAIN CONSISTENT THROUGHOUT EACH LENGTH OF SIDEWALK.
2. EXPANSION JOINT SPACING NOT TO EXCEED 25'-0" IN ANY DIRECTION AND AT CONTACT WITH WALLS, STEPS, DOORS, OR OTHER VERTICAL SURFACES.
3. SEE DETAIL 2/C-505 FOR ADDITIONAL JOINT INFORMATION.
4. PROVIDE BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAFFIC.

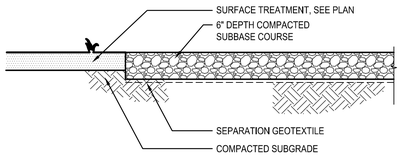
1 CONCRETE SIDEWALK
SCALE: NONE



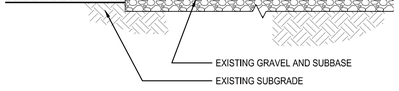
NOTES:

1. DEPTH OF CONCRETE PAVEMENT AND CONCRETE/ ASPHALT SUBBASE VARIES, SEE APPROPRIATE DETAILS.

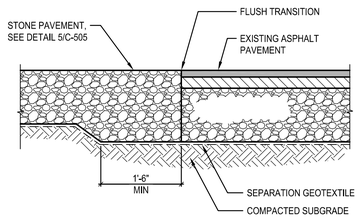
4 SIDEWALK CONNECTION TO CONCRETE APRON
SCALE: NONE



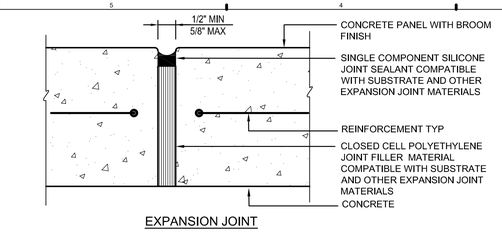
5 STONE PAVEMENT
SCALE: NONE



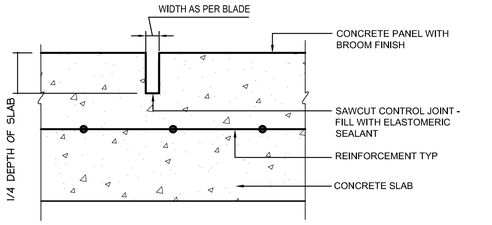
6 STONE PAVEMENT TOP COURSE
SCALE: NONE



7 ASPHALT / STONE PAVEMENT JOINT
SCALE: NONE

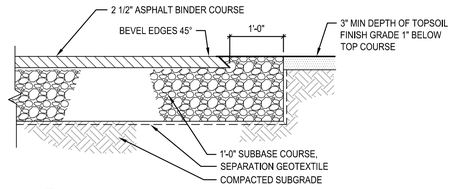


EXPANSION JOINT

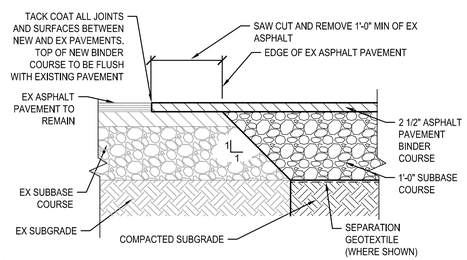


CONTROL JOINT

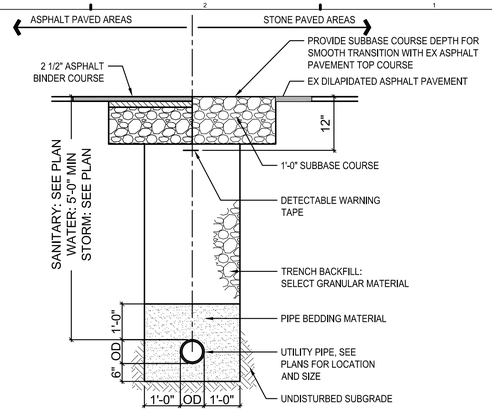
2 CONCRETE SIDEWALK - TYPICAL JOINTS



9 ASPHALT PAVEMENT BINDER COURSE
SCALE: NONE



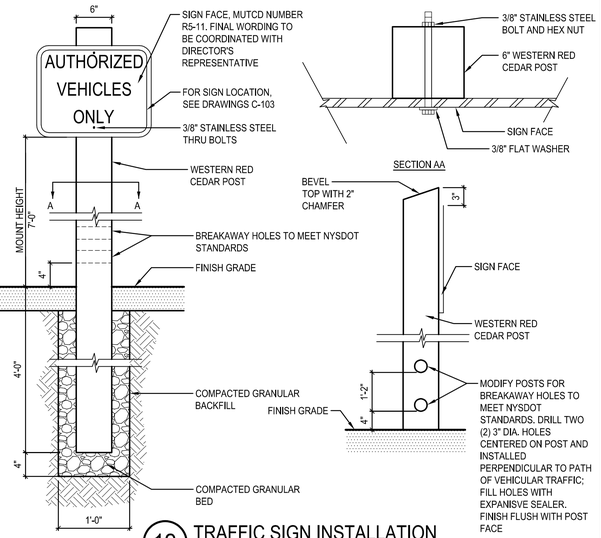
10 ASPHALT BINDER COURSE JOINT TO EXISTING
SCALE: NONE



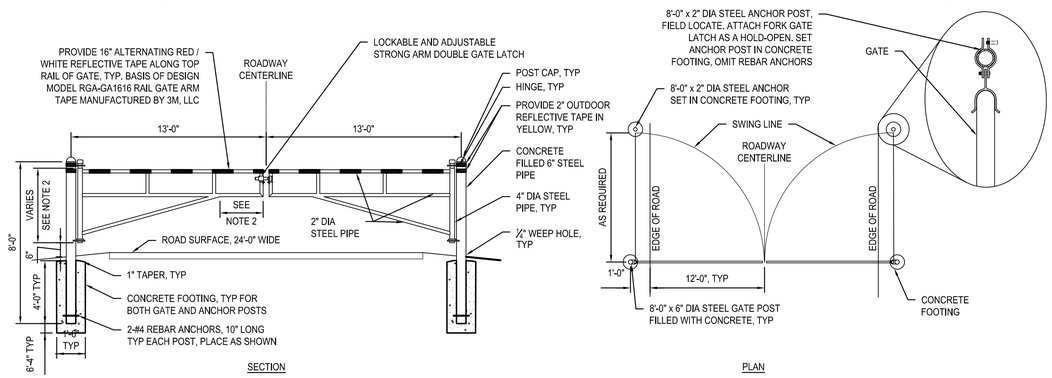
NOTES:

1. TRENCH WIDTHS, SHEETING, SHORING, BRACING AND CUTBACK SLOPES TO BE DETERMINED BY THE CONTRACTOR AND SHALL COMPLY W/ OSHA, NEW YORK STATE DEPARTMENT OF LABOR, NEW YORK STATE INDUSTRIAL CODE AND ALL OTHER APPLICABLE SAFETY STANDARDS.

3 UTILITY TRENCH PAVEMENT REPAIR
SCALE: NONE



12 TRAFFIC SIGN INSTALLATION
SCALE: NONE

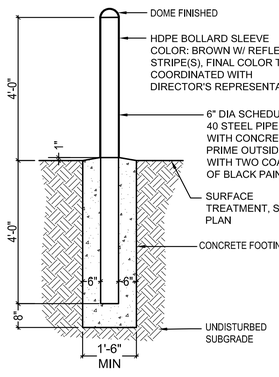


SECTION PLAN

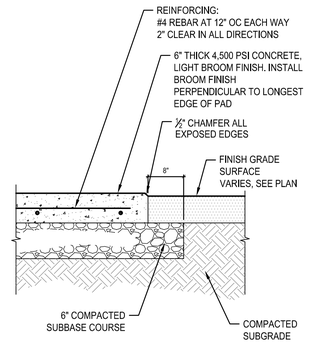
NOTES:

1. PROVIDE GALVANIZED HF40 GATE AND POSTS WITH NOTCHED AND/OR HAMMERED JOINTS.
2. GATE AND GATE LATCH DIMENSIONS AND CONFIGURATIONS VARY BY GATE MANUFACTURER.
3. PROVIDE CAPS ON ALL VERTICAL POSTS.
4. GRIND WELD SMOOTH PRIOR TO PAINTING SEAMS.
5. PAINT SEAMS AND REPAIRS WITH GALVANIZING REPAIR MATERIAL THAT IS COLD-APPLIED ZINC-RICH COATING CONFORMING TO ASTM A 780.

8 SERVICE DRIVE GATE
SCALE: NONE



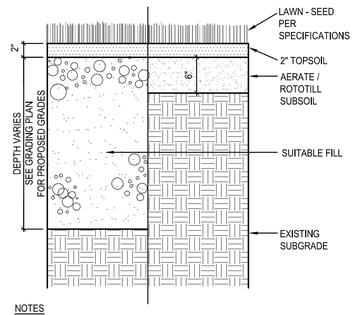
11 PIPE BOLLARD
SCALE: NONE



NOTES:

1. PROVIDE 1/2" COMPRESSIBLE EXPANSION JOINT AT INTERFACE WITH CONCRETE SIDEWALK.

13 CONCRETE EQUIPMENT PAD
SCALE: NONE



NOTES

1. PROVIDE 2" MINIMUM THICKNESS TOPSOIL ON ALL AREAS DISTURBED BY CLEARING, GRADING, AND OTHER CONSTRUCTION RELATED ACTIVITIES. TOP DRESS AREAS WITH LESS THAN 2" OF TOPSOIL TO ACHIEVE 2" MINIMUM. SEED ALL RESTORED/DISTURBED AREAS. TOPSOIL SHALL CONFORM TO SPECIFICATION SECTION 329200. PERMANENT SEEDING SHALL BE APPLIED ACCORDING TO SPECIFICATION SECTION 329200

14 LAWN AREA RESTORATION
SCALE: NONE

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115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
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RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: AAH
Design By: AAH
Checked By: JRH
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT — HARRY HALPERN — 022463 — STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
SITE IMPROVEMENT DETAILS

Drawing Number:
C-505

Project Number: 26007

Sheet: Page 16 of 52

STRUCTURAL ABBREVIATIONS

-A-	
@	AT
AB	ANCHOR BOLT
ADJ	ADJACENT
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE, APPROXIMATELY
ARCH	ARCHITECT(URAL)
-B-	
B/	BOTTOM OF
BOT	BOTTOM
BOW	BOTTOM OF WALL
BPL	BASE PLATE
BRDG	BRIDGING
BRG	BEARING
BS	BOTH SIDES
BTWN	BETWEEN
-C-	
CF	CUBIC FEET
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLEAR, CLEARANCE
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
-D-	
D	DEPTH
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH/ DEMOLITION
DIA OR ø	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFERENCE
DIM	DIMENSION
DN	DOWN
do	DITTO
DTL	DETAIL
DWG	DRAWING
DWL	DOWEL
-E-	
EA	EACH
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EL	ELEVATION
EOS	EDGE OF SLAB
EQP	EQUIPMENT
ETC	ET CETERA
EW	EACH WAY
EWEF	EACH WAY EACH FACE
EX	EXISTING
EXC	EXCAVATION
EXT	EXTERIOR
-F-	
F/S	FOOTING STEP
FG	FINISH GRADE
FL	FLOOR
FND	FOUNDATION
FOS	FACE OF STUD
FS	FAR SIDE
FT	FEET OR FOOT
FTG	FOOTING
-G-	
GA	GAGE, GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
-H-	
HEX	HEXAGONAL
HOR	HORIZONTAL
HT	HEIGHT
-I-	
I/F	INSIDE FACE
INT	INTERIOR
-J-	
JST	JOIST
JT	JOINT

STRUCTURAL ABBREVIATIONS

-K-	
KIP	ONE THOUSAND POUNDS
-L-	
L	LONG, LENGTH
LF	LINEAL FEET
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
-M-	
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
-N-	
N/A	NOT APPLICABLE
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NLB	NON LOAD BEARING
NO OR #	NUMBER
NTS	NOT TO SCALE
-O-	
O/F	OUTSIDE FACE
O/O	OUT TO OUT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
-P-	
PL	PLATE
PNL	PANEL
POS	POSITIVE
PT	PRESSURE TREATED
-Q-	
QTY	QUANTITY
-R-	
RECT	RECTANGLE
REF	REFERENCE
REINF	REINFORCING
REQD	REQUIRE(D)
REV	REVISION, REVISE(D)
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
-S-	
SCH	SCHEDULE
SECT	SECTION
SF	SQUARE FEET, SQUARE FOOT
SHT	SHEET
SHTH	SHEATHING
SIM	SIMILAR
SL	SLEEVE
SOG	SLAB ON GRADE
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SYM	SYMMETRY (ICAL)
-T-	
T&G	TONGUE AND GROOVE
T/	TOP OF
TD	TRENCH DRAIN
THK	THICKNESS
THRU	THROUGH
TOW	TOP OF WALL
TYP	TYPICAL
-U-	
UNO	UNLESS NOTED OTHERWISE
-V-	
VAR	VARIES
VERT	VERTICAL
-W-	
W/	WITH
W/O	WITHOUT
WM	WIRE MESH
WT	WEIGHT
WWM	WELDED WIRE MESH

CONCRETE NOTES

1. ALL CONCRETE SHALL BE BATCHED, TRANSPORTED, CONVEYED, PLACED, CURED, AND TESTED IN ACCORDANCE WITH ACI 301 AND CHAPTER 19 OF THE BUILDING CODE, AND AS SPECIFIED HEREIN.
2. REFER TO "CAST-IN-PLACE CONCRETE" SPECIFICATION FOR MINIMUM 28-DAY COMPRESSIVE STRENGTH FOR ALL CONCRETE, UNLESS INDICATED OTHERWISE.
3. ALL EXTERIOR CONCRETE EXPOSED TO DEICING CHEMICALS (INCLUDING APRONS, SIDEWALKS, CURBS, ETC.) SHALL BE AIR ENTRAINED.
4. ALL REINFORCING STEEL BARS SHALL BE ASTM A615, GRADE 60 DEFORMED BARS. TYPICAL REINFORCING BAR SPLICED LAP LENGTHS SHALL BE AS SHOWN IN THE "REINFORCING BAR SPLICE LAPS" TABLE ON THIS SHEET.
   - PROVIDE #4 AT 12" OC BARS EACH WAY IN ALL WALLS; (2) #5 CONTINUOUS AT TOP OF WALLS; #4 AT 12" OC x 4'-0" BENT DOWELS AT ALL CORNERS AND INTERSECTIONS; (3) #5 CONTINUOUS FOOTING BARS; #4 AT 12" OC DOWELS TO ALL FOOTINGS AND STRUCTURAL SLABS; WHERE NO OTHER REINFORCING SHOWN.
   - PROVIDE TWO #4 BARS AT ALL EDGES AND TWO #4 DIAGONAL AT CORNERS OF OPENINGS IN CONCRETE WALLS AND TWO #4 DIAGONAL AROUND OPENINGS IN STRUCTURAL SLABS UNLESS OTHERWISE SHOWN.
5. WELDED WIRE REINFORCEMENT (WWR) SHALL BE SUPPLIED IN SHEETS CONFORMING TO ASTM A1064. LAP SPLICE WWR SHEETS MINIMUM 6 INCHES.
   - PROVIDE 6X6XW2.9XW2.9 WELDED WIRE MESH IN ALL SLABS WHERE NO OTHER REINFORCING SHOWN.
   - PROVIDE 6X6XW2.1XW2.1 WWM ALL COMPOSITE DECK SLABS.
6. CLEAR CONCRETE COVER OVER REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 AND AS FOLLOWS;
   - CONCRETE EXPOSED TO EARTH, WEATHER, OR WATER: 2"
   - CONCRETE CAST DIRECTLY AGAINST EARTH: 3"
   - BEAMS AND COLUMNS: TIES & STIRRUPS: 1 1/2"
   - BEAMS AND COLUMNS: PRIMARY REINFORCEMENT: 2"
7. APPLY BONDING AGENT PRIOR TO CASTING CONCRETE AGAINST HARDENED CONCRETE, UNLESS INDICATED OTHERWISE.
8. ALL EXPOSED EDGES OF CONCRETE MEMBERS SHALL BE FORMED WITH A 3/4" BY 3/4" CHAMFER, INCLUDING TOP EDGES AND OUTSIDE VERTICAL CORNERS OF WALLS, SLABS, BEAMS, COLUMNS, ETC.
9. ALL EXTERIOR SLABS AND FLATWORK SHALL HAVE 1/4" PER FOOT (1/8" PER FOOT MINIMUM) SURFACE SLOPE IN ORDER TO PROVIDE POSITIVE DRAINAGE.
10. CONTRACTOR SHALL PROVIDE CONSTRUCTION JOINTS AND CONTROL JOINTS AS INDICATED ON THESE DRAWINGS. CONTRACTOR MAY PROPOSE ADDITIONAL CONSTRUCTION JOINTS NEEDED TO FACILITATE CONSTRUCTION. ALL ADDITIONAL CONSTRUCTION JOINTS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO CONSTRUCTING.
11. CONTRACTOR SHALL COORDINATE ALL WALL AND SLAB PENETRATIONS AND OPENINGS WITH OTHER TRADES. NOTE THAT NOT ALL PENETRATIONS AND OPENINGS ARE INDICATED ON THESE STRUCTURAL DRAWINGS.
12. CONTRACTOR SHALL COORDINATE THE CASTING-IN OF ALL EMBEDDED ITEMS AND ACCESSORIES OF ALL TRADES. POST-INSTALLATION OF EMBEDDED ITEMS WILL NOT BE ACCEPTED.

WOOD NOTES

1 STORE ALL WOOD FRAMING ON SITE ABOVE GROUND ON "STICKERS" INDOORS OR UNDER TARPS WITH ADEQUATE CLEARANCES TO ALLOW AIR CIRCULATION.

2 INSTALL WALLS STRAIGHT AND PLUMB. INSTALL FLOORS LEVEL AT THE PROPER ELEVATION.

3 PROVIDE A MINIMUM OF TWO STUDS AT EACH END OF ALL FLUSH FRAMED HEADERS OR BEAM UNLESS MORE ARE INDICATED ON PLAN. PROVIDE ONE JACK STUD AND ONE FULL KING STUD AT EACH END OF ALL DROPPED HEADERS OR BEAMS, UNO.

4 SOLIDLY BLOCK POST THROUGH ALL INTERVENING FRAMED DECKS DOWN TO SUPPORTING GIRDER/BEAMS OR TOP OF FOUNDATION.

5 USE PREFRABICATED GALVANIZED STEEL HANGERS AT FLUSH FRAMED CONNECTIONS BY SIMPSON STRONG-TIE CO., INC., UNITED STEEL PRODUCTS CO., OR APPROVED EQUAL OF WIDTH AND DEPTH APPROPRIATE FOR THE SUPPORTED MEMBER. INSTALL WITH THE TYPE AND QUANTITY OF FASTENERS RECOMMENDED BY THE MANUFACTURER.

6 PREFABRICATED STEEL HANGERS USED IN CONTACT WITH PRESERVATIVE PRESSURE TREATED SHALL BE EITHER:

- HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123

- TRIPLE ZINC COATED IN ACCORDANCE WITH ASTM G185

- STAINLESS STEEL.

7 DO NOT MIX STAINLESS STEEL AND GALVANIZED FASTENERS AND CONNECTORS.

8 USE ALKALINE COPPER QUATERNARY, OR COPPER AZOLE PRESSURE TREATED WOOD AT WOOD FRAMING USED IN EXTERIOR APPLICATIONS OR WOOD FRAMING IN CONTACT WITH CONCRETE OR MASONRY WITH A RETENTION APPROPRIATE FOR END USE.

9 THE DESIGN OF DIMENSIONAL LUMBER MEMBERS AND THEIR CONNECTIONS IS BASED ON LUMBER HAVING A MOISTURE CONTENT OF 19% OR LESS AT THE TIME ON INSTALLATION.

10 INSTALL JOISTS OR RAFTERS WITH CROWN UP AND WITHIN ½° OF STRAIGHT, END TO END ALIGNMENT.

11 DO NOT USE LUMBER THAT IS SEVERELY DISTORTED WHERE THE LUMBER IS TWISTED, BOWED, CUPPED, CHECKED, ETC.

12 LAMINATED VENEER LUMBER (LVL) MEMBER SIZES SHOWN ON PLAN (WIDTH X DEPTH) MAY BE CONSTRUCTED OF MULTIPLE PLIES OF THE SPECIFIED DEPTH, FASTENED BY NAILING OR BOLTING AS REQUIRED BY MANUFACTURE.

13 PARALLEL STRAND LUMBER (PSL) MUST BE INSTALLED AS A SOLID MEMBER AND NOT BUILT-UP.

14 WOOD COMPONENTS ARE TO BE FASTENED TOGETHER AS INDICATED IN THE FOLLOWING SCHEDULE UNLESS SPECIFICALLY INDICATED OTHERWISE.

15 LAG AND WOOD SCREWS CONFORM TO ANSI/ASME STANDARDS B18.6.1-19.81.

16 FASTENERS USED IN CONTACT WITH PRESERVATIVE PRESSURE TREATED SHALL BE EITHER:

HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153

STAINLESS STEEL, TYPE 316

17 BORED LEAD HOLES FOR FASTENERS:

NAIL AND SPIKE HOLES ARE NOT REQUIRED UNLESS TO PREVENT SPLITTING OF WOOD. WITH THE LEAD HOLE DIAMETER LESS THAN 75% OF THE NAIL/SPIKE DIAMETER.

WOOD SCREWS LEAD HOLE DIAMETER TO EQUAL 7/8 OF THE UNTHREADED SHANK DIAMETER IN CONNECTED WOOD PART AND 7/8 OF DIAMETER AT ROOT OF THREAD IN WOOD RECEIVING THREAD.

LAG SCREW, LEAD HOLE DIAMETER EQUALS THE SHANK DIAMETER FOR EXTENT OF UNTHREADED SHANK AND 60% OF THE SHANK DIAMETER FOR THE THREADED PORTION.

THROUGH BOLT, LEAD HOLE DIAMETER IS 1/32" TO 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER.

18 PROVIDE STANDARD ROUND WASHERS UNDER THE HEADS OF ALL THROUGH BOLTS, LAG SCREWS, AND UNDER NUTS UNLESS OTHERWISE INDICATED. TIGHTEN FASTENERS WITHOUT CRUSHING WOOD FIBERS UNDER WASHERS.

19 NON-SELF-SUPPORTING FRAME. THIS STRUCTURAL WOOD FRAME REQUIRES INTERACTION WITH OTHER ELEMENTS SUCH AS EXISTING BUILDING CONSTRUCTION AND NEW FOOTINGS TO PROVIDE THE REQUIRED STABILITY TO WIND AND SEISMIC FORCES, PROVIDE TEMPORARY BRACING AND SHORING AS REQUIRED FOR THE SAFETY, STABILITY AND ALIGNMENT OF THE STRUCTURE. LEAVE TEMPORARY BRACING IN PLACE FOR AS LONG, AS NECESSARY. PERFORM FINAL CONNECTIONS ONLY ON THOSE PORTIONS OF THE STRUCTURE THAT HAVE BEEN ALIGNED AND PLUMBED WITHIN THE SPECIFIED TOLERANCES.

20 ERECTION PROCEDURES, SEQUENCES AND COORDINATION OF WORK WITH OTHER TRADES IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. PROVIDE ANY ADDITIONAL FRAMING MEMBERS AS REQUIRED FOR ERECTION PURPOSES

STRUCTURAL DESIGN CRITERIA

(PER 2025 BUILDING CODE OF NEW YORK STATE)

1. FLOOR LIVE LOAD			
ALL ROOMS:		100	(psf)
2. ROOF DEAD LOAD			
ROOFING DEAD LOAD:		15	(psf)
3. ROOF LIVE LOAD			
MINIMUM ROOF LIVE LOAD:		20	(psf)
4. SNOW LOAD			
GROUND SNOW LOAD, Pg:		66	(psf)
FLAT ROOF SNOW LOAD, Pf:	BUILDING (HEATED)	52	(psf)
SLOPED ROOF SNOW LOAD, Ps:		52	(psf)
SNOW EXPOSURE CATEGORY, Ce:		1.0	
THERMAL FACTOR, Ct:	HEATED	1.12	
DRIFT SURCHARGE LOAD(S), Pd:	LOW ROOF	37	(psf)
5. WIND LOAD			
BASIC WIND SPEED, V3sec:		110	(mph)
WIND EXPOSURE CATEGORY:		B	
INTERNAL PRESSURE COEFFICIENTS:		+/- 0.18	
COMPONENTS & CLADDING DESIGN WIND PRESSURE:	@ WALL SURFACES	+20/-26	(psf)
	@ ROOF SURFACES	+16/-40	(psf)
6. EARTHQUAKE DESIGN DATA			
SEISMIC IMPORTANCE FACTOR, I:		1.0	
OCCUPANCY CATEGORY:		II	
MAPPED SPECTRAL RESPONSE ACCELERATIONS:	Ss	0.14	(g)
	S1	0.041	(g)
SITE CLASS		D	
DESIGN SPECTRAL RESPONSE ACCELERATIONS:	SDS	0.12	(g)
	SD1	0.058	(g)
SEISMIC DESIGN CATEGORY:		B	
BASIC SEISMIC-FORCE-RESISTING SYSTEM(S):	LIGHT-FRAME WALLS WITH SHEAR PANELS OF ALL OTHER MATERIALS		
DESIGN BASE SHEAR(S):	MAIN BUILDING	2.7	(kip)
SEISMIC RESPONSE COEFFICIENT, Cs:		0.06	
RESPONSE MODIFICATION FACTOR(S), R:	BEARING WALL SYSTEMS	2.0	
ANALYSIS PROCEDURE:	EQUIVALENT LATERAL FORCE PROCEDURE		
7. SOIL DATA			
DESIGN FROST DEPTH:		48	(in)
DESIGN SOIL BEARING PRESSURE:	COLUMN FOOTINGS	1,500	(psf)
	CONTINUOUS FOOTINGS	1,500	(psf)

GENERAL STRUCTURAL NOTES

1. STRUCTURAL DRAWINGS SHALL BE FOLLOWED WITH COORDINATION WITH OTHER DRAWINGS. ANY APPARENT DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER FOR CLARIFICATION PRIOR TO PROCEEDING ON SAID WORK.
2. NO CHANGES OF THE STRUCTURAL SYSTEM AS INDICATED ON THESE DRAWINGS SHALL BE PERFORMED PRIOR TO RECEIVING WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
3. THESE DRAWINGS DO NOT IDENTIFY COMPONENTS REQUIRED FOR CONSTRUCTION SAFETY. CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY AND PROVIDE COMPONENTS REQUIRED FOR CONSTRUCTION SAFETY.
4. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARILY BRACING AND MAINTAINING THE STABILITY OF ALL STRUCTURES DURING CONSTRUCTION. STRUCTURES SHALL BE ASSUMED UNSTABLE UNTIL COMPONENTS (WALLS, ROOF, ETC.), AND ALL CONNECTIONS AND PERMANENT BRACING ARE INSTALLED.
6. SECTIONS AND DETAILS ON THESE DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR SIMILAR CONSTRUCTION NOT FULLY DETAILED.
7. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT THE EXISTING FACILITY AND ACCESSORIES. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.

EARTHWORK AND FOUNDATION NOTES

1. SEE SPECIFICATIONS FOR GEOTECHNICAL REPORT, DATED DECEMBER 23, 2023, AS PREPARED BY RAVI ENGINEERING & LAND SURVEYING, P.C. WHICH INCLUDES SOIL BORING INFORMATION.
2. ALL FOUNDATIONS SHALL BE CONSTRUCTED ON FIRM SUBGRADE, BEDROCK, OR APPROVED STRUCTURAL FILL.
3. CONTRACTOR SHALL ALLOW OWNER'S REPRESENTATIVE TO VERIFY ACCEPTABLE SUBGRADE CONDITIONS PRIOR TO PLACEMENT OF STRUCTURAL FILL AND/OR CONSTRUCTION OF FOUNDATIONS AND SLABS-ON-GRADE.
4. EXPOSED SUBGRADE IN OPEN EXCAVATIONS SHALL BE PROTECTED FROM RAIN AND/OR GROUNDWATER THAT COULD COMPROMISE THEIR CONDITION. CONTRACTOR SHALL PROVIDE COVER AND/OR CASTING OF 3-INCH CLSM MUDMAT AS NEEDED.
5. FOUNDATIONS SHALL NOT BE CAST ON FROZEN SUBGRADE OR FROZEN STRUCTURAL FILL MATERIAL.
6. ALL STRUCTURAL FILL SHALL BE PLACED IN MAXIMUM 9-INCH LIFTS, COMPACTED TO 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY
7. CONTROLLED LOW-STRENGTH MATERIAL (CLSM) SHALL BE NYSDOT APPROVED AND SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 200 PSI.
8. EXCAVATION ADJACENT TO EXISTING BUILDINGS TO BE PERFORMED TO AVOID DAMAGE TO EXISTING STRUCTURE. DO NOT EXCAVATE BELOW EXISTING FOOTINGS WITHOUT APPROVAL OF CONTRACTING OFFICER REPRESENTATIVE.
9. THE IN-PLACE DENSITY AND WATER CONTENT OF COMPACTED FILL SHOULD BE DETERMINED BY ASTM D 6938. FOR ANY COMPACTED FILL BELOW WALL FOOTINGS, AT LEAST ONE TEST SHOULD BE PERFORMED PER 50 LINEAL FEET OF WALL, PER LIFT. FOR ANY COMPACTED FILL BELOW COLUMN FOOTINGS, AT LEAST ONE TEST SHOULD BE PERFORMED PER FOOTING, PER LIFT. FOR OTHER AREAS SUCH AS FLOOR SLABS AND PAVEMENTS, AT LEAST ONE TEST SHOULD BE PERFORMED PER 2,500 SQUARE FEET, PER LIFT.

STRUCTURAL WOOD STRESS GRADE

MEMBER	SPECIES	Fb (BASE)	E
JOIST AND RAFTERS	SPF NO.2	775 PSI	1,100,000 PSI
HEADERS	SPF NO.2	775 PSI	1,100,000 PSI
STUDS AND BUILT-UP POSTS - TYP	DFL NO.1/NO.2	850 PSI	1,600,000 PSI

NOTES:
1. CONTRACTOR OPTION TO USE WOOD SPECIES LISTED WITHIN SPECIFICATIONS THAT HAVE HIGHER VALUES THAN SHOWN ABOVE.

MINIMUM PANEL FASTENING

PLYWOOD TO JOISTS	10D NAILS (MIN) 1 1/2" PENETRATION	4" OC	12" OC	SEE NOTES
SHEATHING TO STUDS	8D NAILS (MIN) 1 1/2" PENETRATION	4" OC	12" OC	ALL EDGES BLOCKED

NOTES:
1. BLOCKING NOT REQUIRED AT ROOF PROVIDE TWO SHEATHING CLIPS PER RAFTER BAY.

ENGINEERED WOOD MINIMUM CHARACTERISTICS

LVL TYPE	Fb	Fc (PARALLEL)	Fc (PERP.)	Fv	E
LVL	2,600 PSI	2,510 PSI	750 PSI	285 PSI	2,000,000 PSI

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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Architectural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID-STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:
1		
2		
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Drawn By: JPG
Design By: JPG
Checked By: JCB
Approved By: -
Date: 9/11/2026

Seal and Signature

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Sheet Title:
GENERAL NOTES

Drawing Number:
S-001

Project Number: 26007

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STRUCTURAL TESTING AND SPECIAL INSPECTIONS

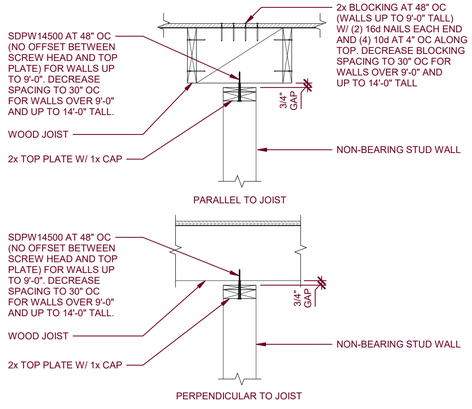
IMPLEMENT AN INSPECTION, TESTING AND QUALITY CONTROL PROGRAM FOR THE CONSTRUCTION PHASE OF THE PROJECT AS OUTLINED ON THIS DRAWING. THE DIRECTOR'S REPRESENTATIVE WILL ENGAGE AN APPROVED TESTING/INSPECTION AGENCY TO PROVIDE SPECIAL INSPECTION AND TESTING AS REQUIRED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE WITH THE TESTING/INSPECTION AGENCY DEFINITIONS AND REQUIREMENTS ARE TO BE IN ACCORDANCE WITH SECTION 1701 OF THE INTERNATIONAL BUILDING CODE. FAILURE TO COMPLY WILL RESULT IN REMOVAL AND RECONSTRUCTION OF ANY STRUCTURAL ELEMENTS NOT VERIFIED, TESTED, OR INSPECTED. PROVIDE COPY OF ALL INSPECTION REPORTS TO ENGINEER OF RECORD REFER TO PROJECT SPECIFICATION SECTION 01410, SPECIAL INSPECTIONS AND STRUCTURAL TESTING FOR ADDITIONAL INFORMATION.

TABLE 1705.6 REQUIRED SPECIAL INSPECTION AND TESTS OF SOILS

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		X	SPECIFICATION SECTION 31 20 00 EARTH MOVING	1705.6
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X	SPECIFICATION SECTION 31 20 00 EARTH MOVING	1705.6
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		X	SPECIFICATION SECTION 31 20 00 EARTH MOVING	1705.6
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X		SPECIFICATION SECTION 31 20 00 EARTH MOVING	1705.6
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		X	SPECIFICATION SECTION 31 20 00 EARTH MOVING	1705.6

TABLE 1705.3 REQUIRED SPECIAL INSPECTIONS AND TEST OF CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL, AND PLACEMENT.		X	ACI 318: CH. 20 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. INSPECTION OF REINFORCING STEEL WELDING A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 B. INSPECT SINGLE PASS FILLET WELDS MAXIMUM 5/16", AND C. INSPECT ALL OTHER WELDS	X	X X	AWS D1.4 ACI 318: 26.6.	-
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.		X	ACI 318: 17.8.2	-
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS		X	ACI 318: 17.8.2.4, 17.8.2	-
5. VERIFYING USE OF REQUIRED DESIGN MIX.		X	ACI 318: Ch. 19 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X		ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	1908.10
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		X	ACI 318: 26.5.3-26.5.5	1908.9
8. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		X	ACI 318: 26.11.2	-
9. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		X	ACI 318: 26.11.1.2(b)	-



1 TYPICAL NON-BEARING WALL TOP CONNECTION
SCALE: 1" = 1'-0"

CONTINUOUS FOOTING SCHEDULE

MARK	SIZE WIDTH (W)	SIZE DEPTH (D)	REINFORCEMENT
CF1	2'-0"	1'-0"	(3) #5 CONT AND #5 AT 12" OC TRANSVERSE

SPREAD FOOTING SCHEDULE

MARK	SIZE WIDTH (W)	SIZE LENGTH (L)	SIZE DEPTH (D)	REINFORCEMENT
F3	3'-0"	3'-0"	1'-0"	(3) #5 EACH WAY
F4	4'-0"	4'-0"	1'-0"	(4) #5 EACH WAY

PIER SCHEDULE

MARK	WIDTH x DEPTH	VERTICAL	TIES	CONFIGURATION
P1	12" x 12"	(8) #4	#3 AT 12" OC	

REINFORCING LAP SPLICE

BAR	LAP SPLICE LENGTH CONCRETE
#4	24"
#5	30"
#6	37"
#7	44"
#8	50"

NOTES:
1. PROVIDE 48 BAR DIAMETER LAP SPLICE UNO.

WOOD COMPONENT FASTENING SCHEDULE

BUILDING ELEMENT	NAIL SIZE/TYPE	NUMBER AND LOCATION
1. FLOOR CONSTRUCTION 2" PLANKS (PLANK AND BEAM – FLOOR AND ROOF)	(2) 16D COMMON	BLIND AND FACE NAIL
BUILT-UP GIRDERS AND BEAMS, 2" LUMBER LAYERS	20D COMMON	END NAIL
LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	(3) 16D COMMON	NAIL EACH LAYER 32" OC AT T&B AND STAGGERED
BRIDGING TO JOIST	(2) 10D COMMON	AT EACH JOIST OR RAFTER, FACE NAIL
2. WALL CONSTRUCTION STUD TO STUD (NOT AT BRACED WALL PANELS)	16D COMMON	24" OC FACE NAIL
STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16D COMMON	16" OC FACE NAIL
BUILT-UP HEADER (2" TO 2" HEADER WITH ½" SPACER)	16D COMMON	16" OC EACH EDGE FACE NAIL
CONTINUOUS HEADER TO STUD	(4) 8D COMMON	TOE-NAIL
TOP PLATE TO TOP PLATE	16D COMMON	16" OC FACE NAIL
DOUBLE TOP PLATE SPLICE	(8) 16D COMMON	FACE NAIL ON EACH SIDE OF END JOINT (MIN 24" LAP SPLICE LENGTH)
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST, OR BLOCKING (NOT AT BRACED WALL PANEL)	16D COMMON	16" OC FACE NAIL
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST, OR BLOCKING (AT BRACED WALL PANEL)	(2) 16D COMMON	2 EACH 16" FACE NAIL
TOP OR BOTTOM PLATE TO STUD	(4) 8D COMMON OR (2) 16D COMMON	TOE-NAIL (FOR 8D OPTION) END NAIL (FOR 16D OPTION)
TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	(2) 16D COMMON	FACE NAIL
1" BRACE TO EACH STUD AND PLATE	(2) 8D COMMON	FACE NAIL
1"X6" SHEATHING TO EACH BEARING	(2) 8D COMMON	FACE NAIL
1"X8" AND WIDER SHEATHING TO EACH BEARING	(3) 8D COMMON	FACE NAIL
3. ROOF/ CEILING CONSTRUCTION BLOCKING BETWEEN CEILING JOISTS OR RAFTERS TO THE TOP PLATE	(3) 8D COMMON	TOE-NAIL
CEILING JOISTS TO THE TOP PLATE	(3) 8D COMMON	PER JOIST, TOE-NAIL
CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS	(3) 16D COMMON	FACE NAIL
CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT)	SEE TABLE BELOW	FACE NAIL
COLLAR TIE TO THE RAFTER	(3) 10D COMMON	TOE-NAIL
RAFTER OR ROOF TRUSS TO PLATE	(3) 10D COMMON	2 TOE-NAILS ON ONE SIDE AND 1 TOE-NAIL ON OPPOSITE SIDE OF EACH RAFTER OR TRUSS
ROOF RAFTERS TO RIDGE, VALLEY, OR HIP RAFTERS OR ROOF RAFTERS TO MIN 2" RIDGE BEAM	(3) 10D COMMON OR 2 (16D) COMMON	TOE-NAIL (FOR 10D OPTION) END NAIL (FOR 16D OPTION)

COMMON NOMINAL NAIL AND SPIKE SCHEDULE

	8D	10D	12D	16D	20D
SHANK DIAMETER	0.131"	0.148"	0.148"	0.162"	0.192"
LENGTH	2.5"	3.0"	3.25"	3.5"	4.0"
HEAD DIAMETER	0.281"	0.312"	0.312"	0.344"	0.406"

GENERAL NOTES:
1. PNEUMATIC OR ELECTRIC POWERED HAMMERS TYPICALLY UTILIZE LIGHTER GAGE FASTENER AND NORMALLY REQUIRE ADDITIONAL FASTENERS TO BE INSTALLED.
2. FASTENER SPECIFICATIONS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION IF POWERED HAMMERS ARE TO BE USED.

MINIMUM PANEL FASTENING

APPLICATION	ATTACHMENT	EDGE	FIELD	DESCRIPTION
PLYWOOD TO RAFTER	10D NAILS (MIN) 1 1/2" PENETRATION	4" OC	12" OC	SEE NOTES
SHEATHING TO STUDS	8D NAILS (MIN) 1 1/2" PENETRATION	4" OC	12" OC	ALL EDGES BLOCKED

NOTES:
1. WALL SHEATHING SHALL BE 1/2" STRUCTURAL 1 GRADE.
2. BLOCKING NOT REQUIRED AT ROOF.

HEADER SCHEDULE

MARK	JACK	KING	HEADER	MAXIMUM OPENING
HDR-1	(1)	(1)	(3) 2x6	5'-0"

NOTES:
1. TYPICAL HEADER SIZE IN LOAD BEARING WALLS FOR ALL OPENINGS ≤ 5'-0".

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
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SYRACUSE, NY 13204
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SYRACUSE, NY 13204
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RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID-STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: JPG
Design By: JPG
Checked By: JCB
Approved By: -
Date: 9/11/2026

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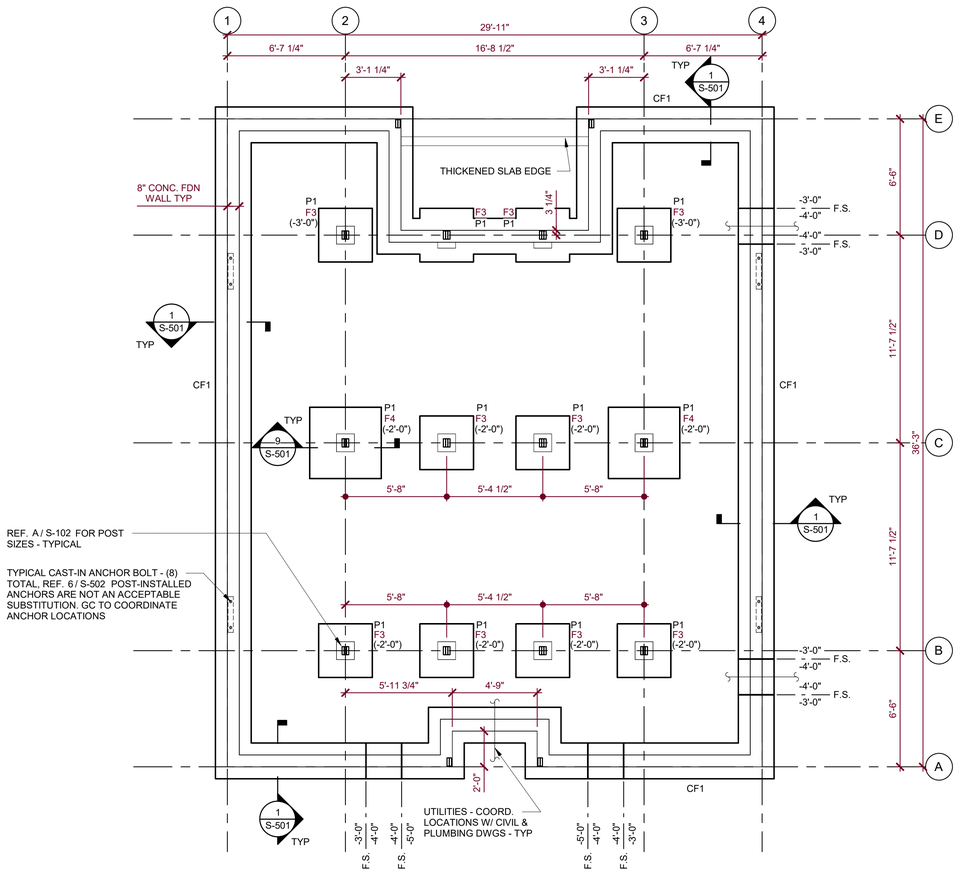
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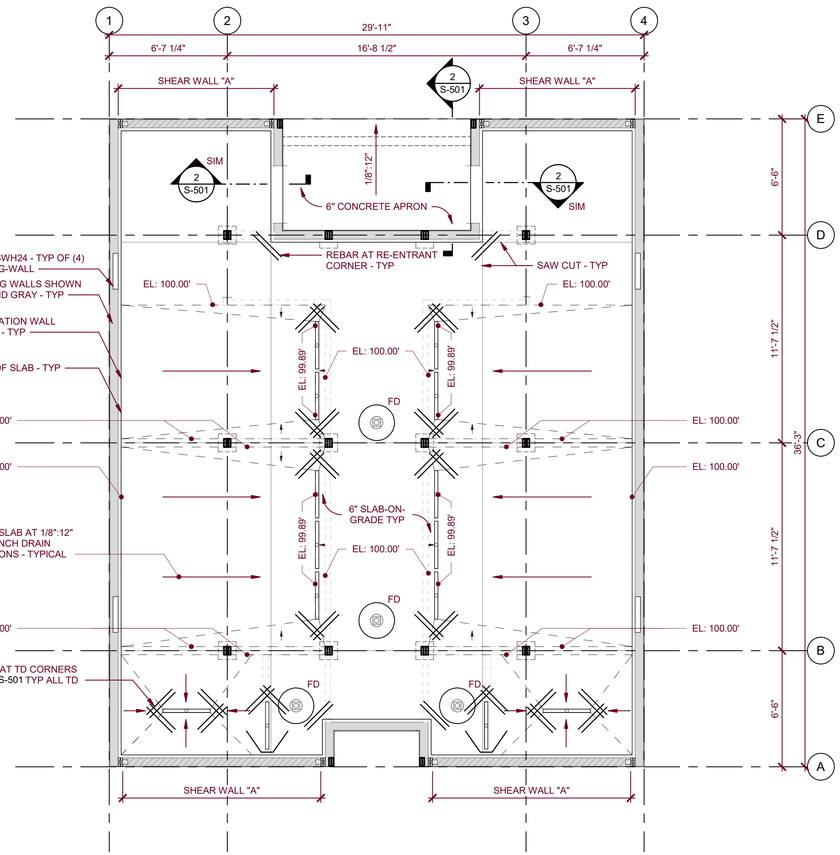
Drawing Number:
S-002

Project Number: 26007

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A FOUNDATION PLAN

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

FOUNDATION NOTES:
1. FINISH FLOOR REFERENCE ELEVATION 100'-0" IS EQUIVALENT TO ELEVATION 491.00'. COORDINATE WITH CIVIL DRAWINGS.
2. TOP OF CONTINUOUS PERIMETER FOOTING DESIGNATED AS "CF_" = 97'-0", UNO.
3. COORDINATE ALL FOOTING STEPS "F.S." LOCATIONS AND DIMENSIONS WITH CIVIL, MECHANICAL AND ELECTRICAL DRAWINGS.
4. COORDINATE ALL FOUNDATION WALL SLEEVE OPENING LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL, MECHANICAL AND CIVIL DRAWINGS.
5. REFER TO SCHEDULES AND DETAILS FOR REINFORCING REQUIREMENTS.
6. COORDINATE SUB-SLAB ELECTRICAL CONDUIT WITH ECW PRIOR TO INSTALLING THE SLAB.
7. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.

GENERAL GEOTECHNICAL NOTES:
1. MAINTAIN FOUNDATION SUBGRADE STABILITY DURING CONSTRUCTION. HIGH GROUNDWATER LEVELS MAY BE PRESENT.
2. IF GROUNDWATER IS ABOVE THE BOTTOM OF FOOTING ELEVATION, PROVIDE AN APPROPRIATE TEMPORARY DEWATERING SYSTEM.

B SLAB PLAN

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

NOTES:
1. GENERAL FLOOR DRAIN FD LOCATIONS ARE SHOWN FOR COORDINATION; REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
2. SLOPE SLAB 1/8" PER FOOT AT FLOOR DRAINS AND TRENCH DRAINS (TD). MAINTAIN MINIMUM SLAB ON GRADE THICKNESS.
   A. FD INDICATES FLOOR DRAIN WITH A 2'-0" DIAMETER 1/8" PER FOOT SLOPED SLAB.
3. MAINTAIN FLAT AND LEVEL SLAB ON GRADE WITH SURFACE ELEVATION 100'-0" BELOW STUD WALLS AND WOOD POSTS.

0' 2' 4' 8' 12'
SCALE : 1/4" = 1'-0"

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Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID-STATE
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Project Title:
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ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

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Design By: JPG
Checked By: JCB
Approved By: -
Date: 9/11/2026

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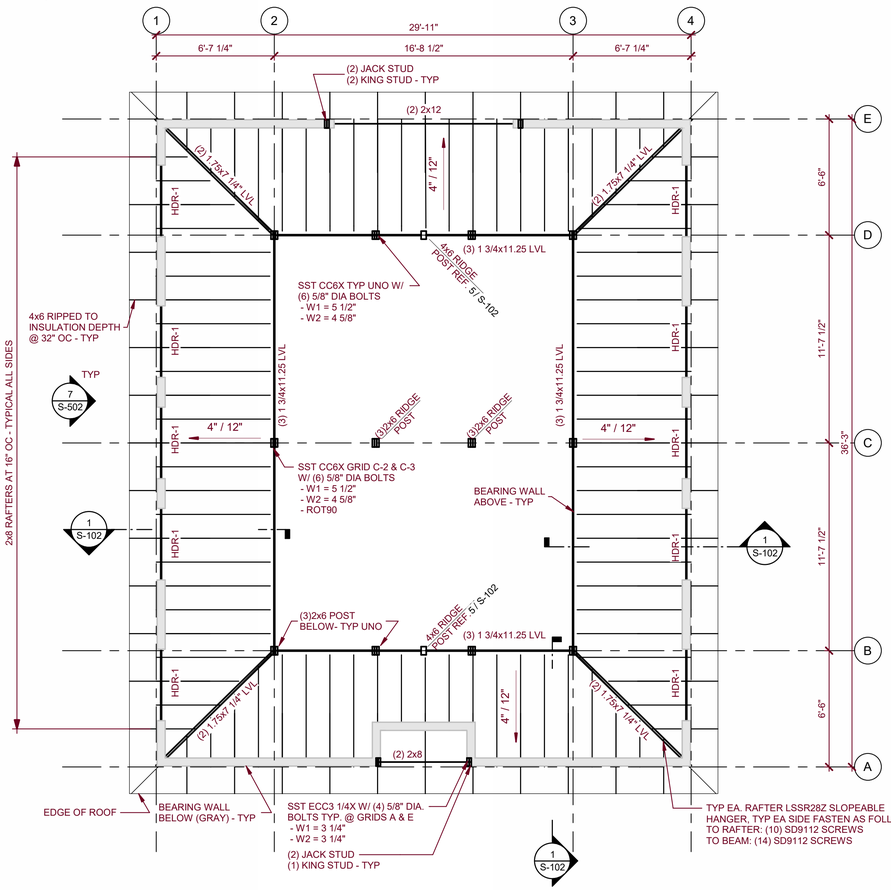
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FOUNDATION & SLAB PLAN

Drawing Number:
S-101

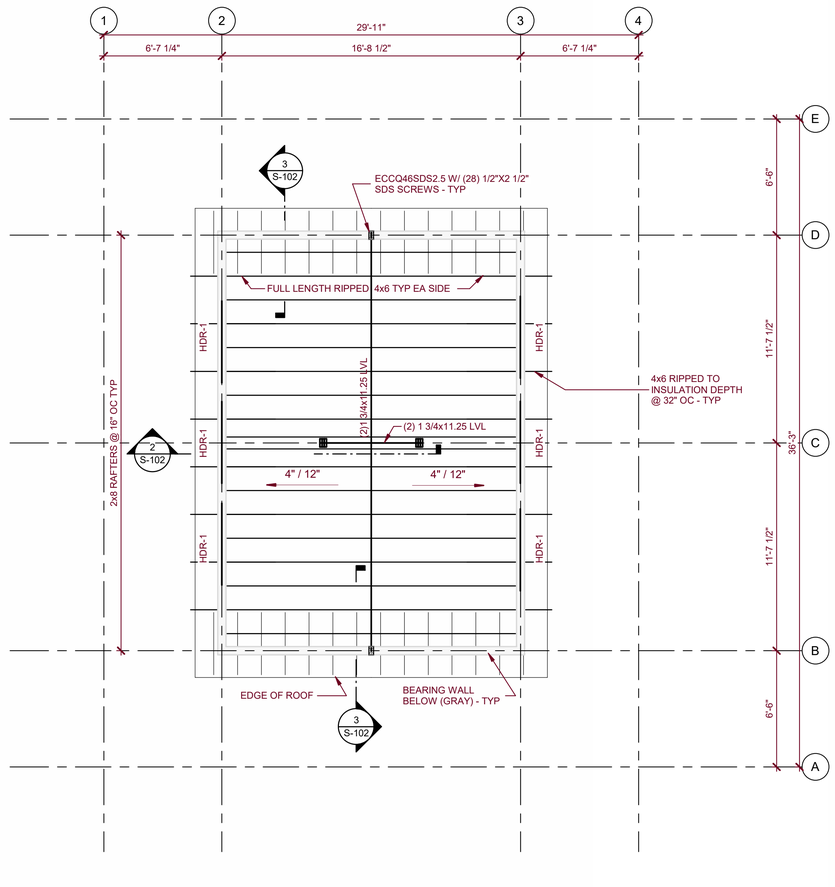
Project Number: 26007

Sheet: Page 19 of 52

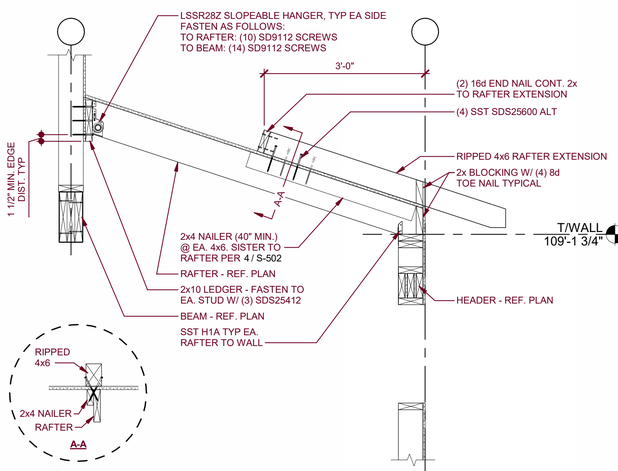
FRAMING NOTE:
1. AT BEAM-BEAM-COLUMN CONNECTION GRID B-2, B-3, D-2, D-3, PROVIDE SST ECCL6X W/ (6) 5/8" DIA BOLTS AND THE FOLLOWING PROPERTIES FOR EA. CORNER UNO:
   - H1 = H2 = 6 1/2"
   - W1 = 5 1/2"
   - W2 = 4 5/8"
   - ROT 90
   - E = 2 3/4"
   - W3 = 5 1/2"
   - W3 DIRECTION = LEFT; GRIDS D-3 AND B-2
   - W3 DIRECTION = RIGHT; GRIDS D-2 AND B-3



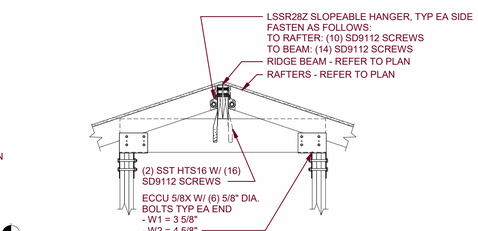
A LOW ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



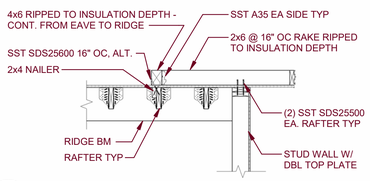
B HIGH ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



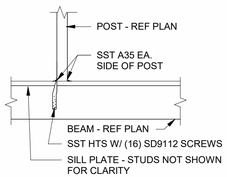
1 TYPICAL ROOF FRAMING
SCALE: 3/4" = 1'-0"



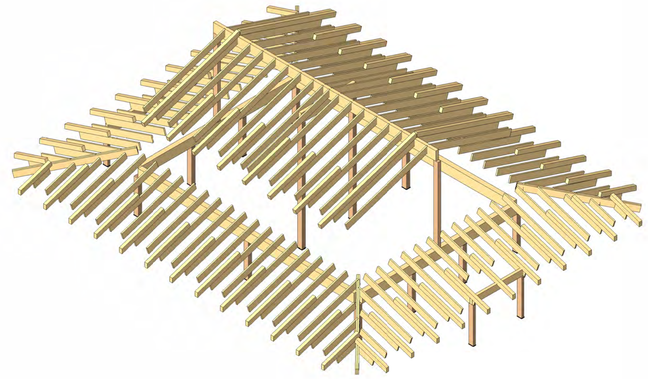
2 TYPICAL RIDGE CONNECTION
SCALE: 1/2" = 1'-0"



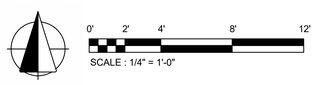
3 HIGH ROOF RAKE
SCALE: 1/2" = 1'-0"



5 RIDGE POST TO LVL
SCALE: 1/2" = 1'-0"



ROOF FRAMING AXONOMETRIC



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2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

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ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

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Design By: JPG
Checked By: JCB
Approved By: -
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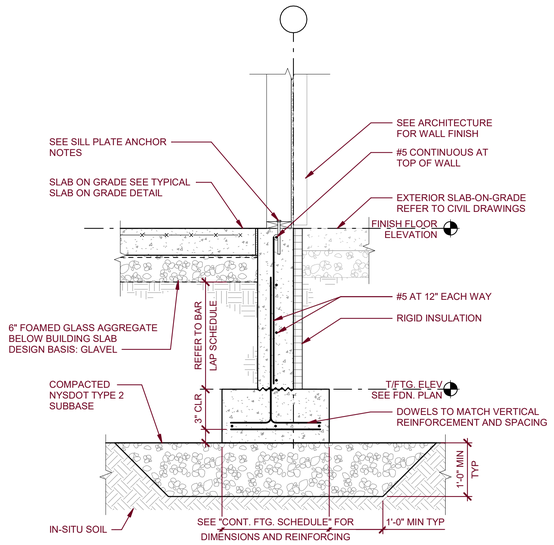
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ROOF FRAMING PLAN

Drawing Number:
S-102

Project Number: 26007

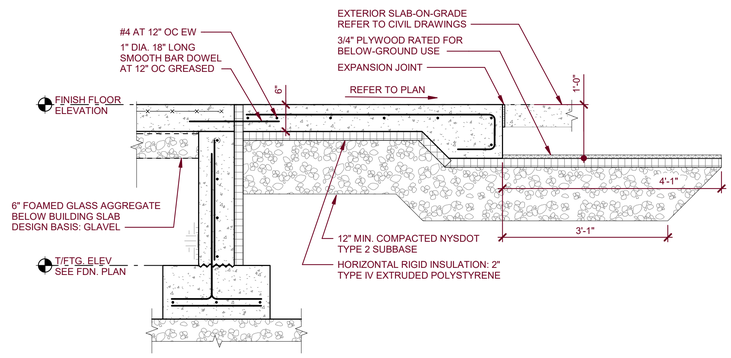
Sheet: Page 20 of 52



1 TYPICAL FOUNDATION WALL

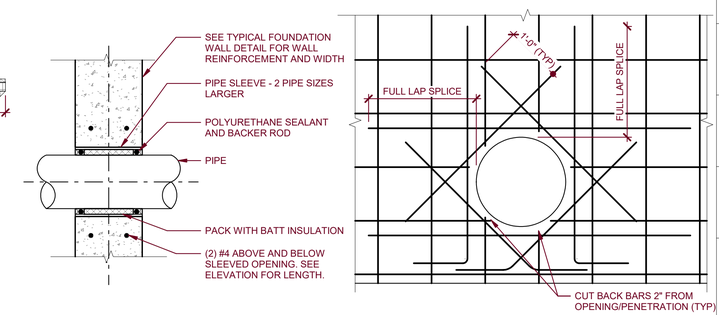
SCALE: 3/4" = 1'-0"

SILL PLATE ANCHOR NOTES:
1. PROVIDE 1/2" TITEN HD ANCHOR - 7" MIN. EMBEDMENT.
2. ANCHORS TO BE PLACED 6'-0" ON CENTER.
3. 3 1/2" MINIMUM AND 12" MAXIMUM EDGE DISTANCE FROM END OF SILL PLATE.
4. MINIMUM OF TWO ANCHORS PER SILL PLATE.



2 TYPICAL FROST PROTECTION AT DOORWAYS

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



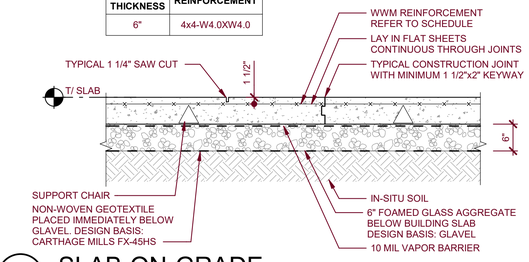
SECTION **ELEVATION**

3 TYPICAL SLEEVE THROUGH FOUNDATION WALL

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

SLEEVE NOTES:
1. BEND REINFORCEMENT AROUND OPENING/PENETRATION WHEN POSSIBLE FOR OPENINGS < 1.25 x BAR SPACING.
2. INSTALL ADDITIONAL BAR AT EACH SIDE OF OPENING (EACH FACE) FOR EVERY CUT BAR IN EACH DIRECTION. ADDITIONAL BAR SHALL EXTEND FULL LAP SPLICE LENGTH IN BOTH DIRECTIONS.

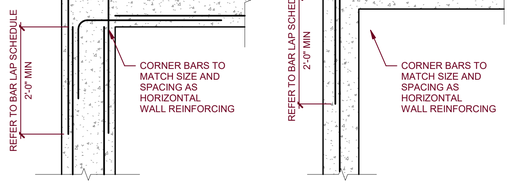
SOG THICKNESS	REINFORCEMENT
6"	4x4-W4.0XW4.0



4 SLAB-ON-GRADE

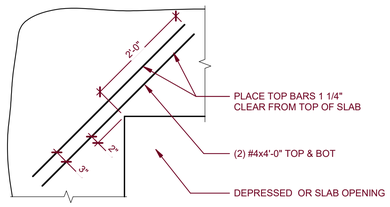
SCALE: 3/4" = 1'-0"

NOTES:
1. DRAINED, UNSATURATED CONDITIONS SHOULD BE MAINTAINED WITHIN THE GLAVEL.
2. COMPACTED GRANULAR FILL MAY BE PLACED AS REQUIRED BELOW THE GEOTEXTILE.
3. INSTALL GLAVEL AND GEOTEXTILE IN ACCORDANCE WITH THE EARTH MOVING SPECIFICATION AND THE MANUFACTURERS' WRITTEN RECOMMENDATIONS.



5 WALL CORNER REINFORCEMENT

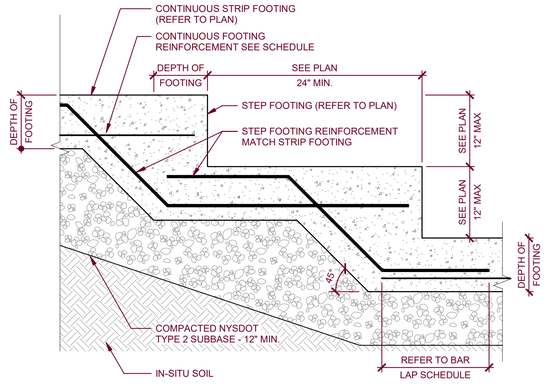
SCALE: 3/4" = 1'-0"



6 REBAR AT RE-ENTRANT CORNER

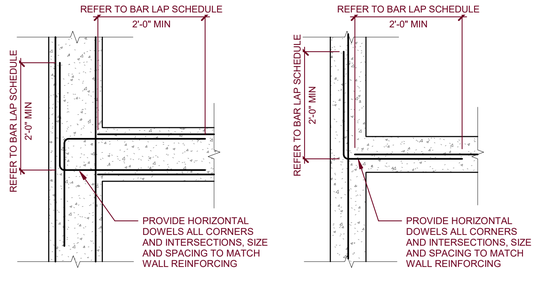
SCALE: 3/4" = 1'-0"

NOTES:
1. CONTRACTOR TO COORDINATE WITH SAWCUT LINE AND SLAB PLAN.
2. PLACE AT THRESHOLDS OF TYPICAL FROST PROTECTION OPENINGS.
3. PLACE AT SLAB DEPRESSIONS.



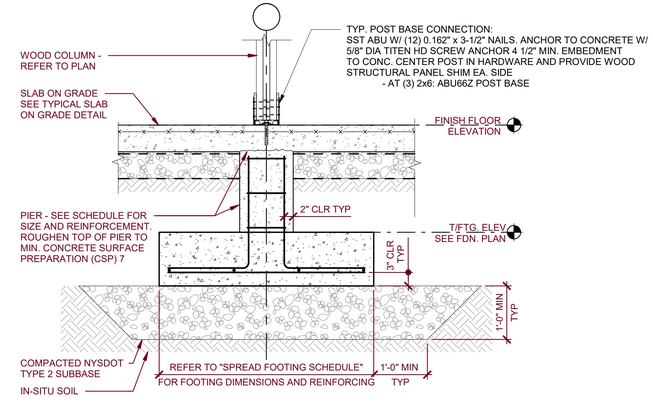
7 TYPICAL FOOTING STEP DETAIL

SCALE: NOT TO SCALE



8 TRANSVERSE WALL INTERSECTION REINFORCEMENT

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



9 TYPICAL INTERIOR FOOTING DETAIL

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

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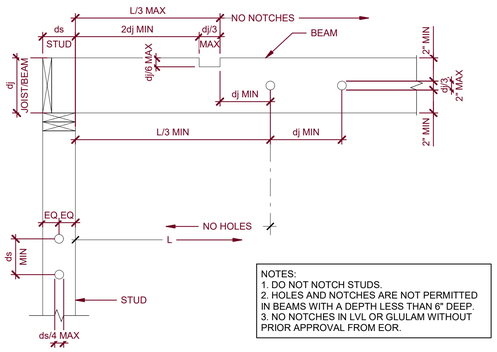
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Sheet Title:
FOUNDATION DETAILS

Drawing Number:
S-501

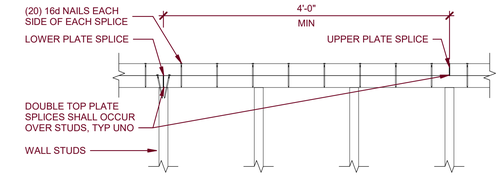
Project Number: 26007

Sheet: Page 21 of 52

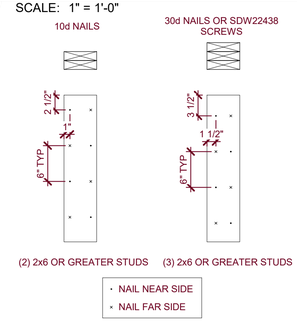


NOTES:
1. DO NOT NOTCH STUDS.
2. HOLES AND NOTCHES ARE NOT PERMITTED IN BEAMS WITH A DEPTH LESS THAN 6" DEEP.
3. NO NOTCHES IN LVL OR GLULAM WITHOUT PRIOR APPROVAL FROM EOR.

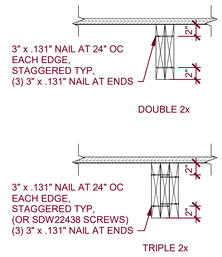
1 PERMITTED NOTCHES AND HOLE DIAGRAM
SCALE: 1" = 1'-0"



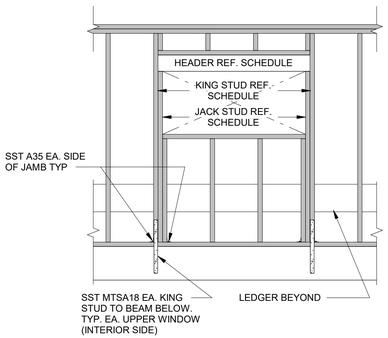
2 TYPICAL TOP PLATE SPLICE
SCALE: 1" = 1'-0"



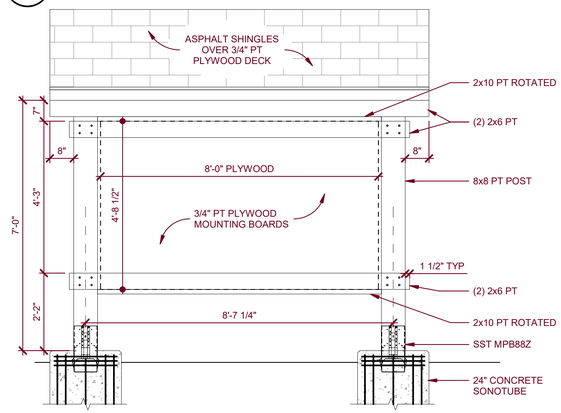
3 TYPICAL BUILT-UP 2X WOOD POST
SCALE: 1" = 1'-0"



4 TYPICAL BUILT-UP WOOD BEAMS
SCALE: 1" = 1'-0"



5 JAMB CONNECTION TO BEAM
SCALE: 1/2" = 1'-0"



8 A-FRAME COVERING ELEVATION
SCALE: 1/2" = 1'-0"



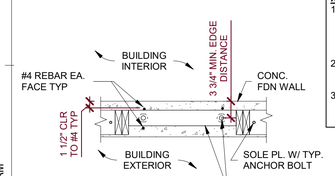
FOUNDATION PLAN 100'-0"

PROVIDE (3) #3 TIES W/ 1-1/2" CLR FROM T/ CONC. AND SPACED 1-1/2" APART. PROVIDE #3 TIES @ 12" OC BELOW TOP (3)

SST WSWH-AB 1" DIA. ASTM F1554 GR36 ANCHOR BOLT 30" LONG. INSTALL PER MFR INSTRUCTIONS. PROVIDE #4 VERT. REBAR AND BENT REBAR INTO FOOTING TYP EA. FACE

TYPICAL WALL AND FOOTING REINFORCEMENT (GRAY)

ELEVATION

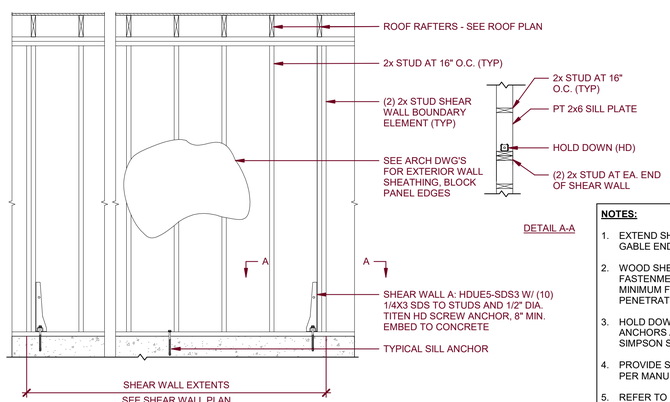


PLAN VIEW

NOTES:
1. CAST-IN ANCHOR BOLTS SHOWN ABOVE MUST BE USED AT ALL SIMPSON STRONG TIE WSWH24 SHEAR WALLS. POST-INSTALLED ANCHORS MAY NOT BE USED IN LIEU OF THE CAST-IN ANCHOR BOLTS.
2. INSTALL WSWH SHEAR WALL AND WSWH-AB PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
3. WSWH PANEL HEIGHT MAY BE TRIMMED AS REQ'D FOR TIGHT FIT. MAXIMUM SHIM OF 7/8" AS NECESSARY.

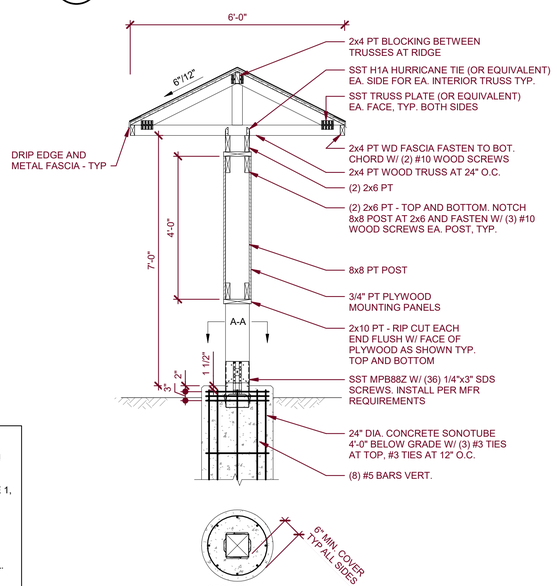
6 STRONG-WALL DETAIL
SCALE: 3/4" = 1'-0"

7 TYPICAL WALL FRAMING AT EXTERIOR BEARING WALLS
SCALE: 1/2" = 1'-0"



NOTES:
1. EXTEND SHEAR WALL TO ROOF FRAMING ON GABLE ENDS.
2. WOOD SHEAR PANELS, STRUCTURAL GRADE 1, FASTENMENT IS 4" (EDGE), AND 12" (FIELD) MINIMUM FASTENING SPACING WITH 1 1/2" PENETRATION INTO FRAMING.
3. HOLD DOWN ANCHOR ASSEMBLY, AND ANCHORS ARE TO BE MANUFACTURED BY SIMPSON STRONG-TIE OR APPROVED EQUAL.
4. PROVIDE STEEL WASHER AND ANCHOR NUT PER MANUFACTURER RECOMMENDATION, UNO.
5. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.

9 SHEAR WALL (SW) "A" DIAGRAM
SCALE: 1/2" = 1'-0"



SECTION A-A

NOTE:
1. REFER TO CIVIL AND ELECTRICAL FOR ADDITIONAL INFORMATION.
2. PROVIDE BLOCKING AS REQUIRED FOR CONDUIT SUPPORT AND TIE DOWNS.

10 A-FRAME COVERING SECTION
SCALE: 1/2" = 1'-0"

9/11/2026 10:31:47 AM

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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Architectural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID-STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD, ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: JPG
Design By: JPG
Checked By: JCB
Approved By: -
Date: 9/11/2026

Seal and Signature
STATE OF NEW YORK · JOSEPH S. KIMLE · 083481 · LICENSED PROFESSIONAL ENGINEER · Exp. 02/01/2029

Sheet Title:
FRAMING DETAILS

Drawing Number:
S-502

Project Number: 26007
Sheet: Page 22 of 52

GENERAL ABBREVIATIONS

-A-	
@	AT
A/C	AIR CONDITIONING
AB	ANCHOR BOLT
AC	ABOVE COUNTER
ACT	ACOUSTIC CEILING TILE
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
ADJ	ADJACENT
ADJT	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AHJ	AUTHORITIES HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AL OR ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANNODIZED
AP	ACCESS PANEL
APC	ACOUSTIC PANEL CEILING
APPROX	APPROXIMATE, APPROXIMATELY
ARCH	ARCHITECT(URAL)
ASB	ASBESTOS
ASPH	ASPHALT
AWP	ACOUSTIC WALL PANEL
-B-	
B/	BOTTOM OF
B/B	BACK-TO-BACK
BAT	BATTEN
BBD	BOILER BLOW-DOWN LINE
BD	BOARD
BDRM	BEDROOM
BIT	BITUMINOUS
BLK	BLOCK
BLKG	BLOCKING
BM	BENCH MARK
BOC	BOTTOM OF CURB
BOT	BOTTOM
BOW	BOTTOM OF WALL
BPL	BASE PLATE
BRDG	BRIDGING
BRG	BEARING
BS	BOTH SIDES
BSMT	BAESMENT
BTWN	BETWEEN
BUR	BUILT-UP ROOFING
BVL	BEVELED
-C-	
C/C	CENTER TO CENTER
CB	CATCH BASIN, CHALK BOARD
CEM	CEMENT, CEMENTITIOUS
CEN	CENTER
CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CFMF	COLD FORM METAL FRAMING
CFS	CUBIC FEET PER SECOND
CG	CORNER GUARD
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CK	CAULK(ING)
CL	CENTERLINE
CLF	CHAIN LINK FENCE
CLG	CEILING
CLL	CONTRACT LIMIT LINE
CLO	CLOSET
CLR	CLEAR, CLEARANCE
CLRM	CLASSROOM
CMP	CORRUGATED METAL PIPE
CMT	CERAMIC MOSAIC TILE
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
COMP	COMPACT(ED)
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CPT	CARPET
CRS	COURSE(S)
CST	CAST STONE
CT	CERAMIC TILE
CTG	COATING
CTR	COUNTER
CTSK	COUNTERSUNK SCREW
CU	COPPER
CUH	CABINET UNIT HEATER
CUL	CULVERT
CUSH	CUSHION(ED)
CUST	CUSTODIAL
CW	COLD WATER, CLOTHES WASHER
-D-	
D	DEPTH
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH/DEMOLITION
DEP	DEPRESS
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DI	DROP INLET
DIA OR ø	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFERENCE
DIM	DIMENSION
DISP	DISPENSER
DL	DRAIN LINE
DMT	DEMOUNTABLE
DN	DOWN
do	DITTO
DP	DAMPPROOFING
DS	DOWNSPOUT
DT	DRAIN TILE
DTL	DETAIL
DWG	DRAWING
DWL	DOWEL
DWR E/F	DRAWER EACH FACE

GENERAL ABBREVIATIONS

-E-	
EA	EACH
EB	EXPANSION BOLT
EF	EXHAUST FAN
EG	EXHAUST GRILLE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EM	EMERGENCY
ENC	ENCLOSURE
EOS	EDGE OF SLAB
EQP	EQUIPMENT
ETC	ET CETERA
ETR	EXISTING TO REMAIN
EU	EXIT UNITS
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EWEF	EACH WAY EACH FACE
EWH	ELECTRIC WATER HEATER
EX	EXISTING
EXC	EXCAVATION
EXH	EXHAUST
EXP	EXPAND, EXPANSION
EXT	EXTERIOR
-F-	
F/P	FIREPROOF
F/S	FOOTING STEP
FA	FIRE ALARM
FBO	FURNISHED BY OTHERS
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISHED FLOOR ELEVATION
FG	FINISH GRADE
FGL	FIBERGLASS
FHC	FIRE HOSE CABINET
FIN	FINSIH(ED)
FIXT	FIXTURE
FL	FLOOR
FLG	FLANGE
FLOUR	FLOURESCENT
FLX	FLEXIBLE
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FP	FIRE PROTECTION
FPL	FIREPLACE
FPM	FEET PER MINUTE
FR	FRAME(D)(ING)
FRT	FIRE RETARDENT
FS	FAR SIDE
FT	FEET OR FOOT
FTG	FOOTING
FTR	FIN TUBE RADIATION
FUR	FURRED, FURRING
FURN	FURNISH, FURNITURE
-G-	
GA	GAGE, GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GDBM	GRADE BEAM
GL	GLASS, GLAZING
GND	GROUND
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GRA	GRANITE
GRD	GRADE/GRADING
GVL	GRAVEL
GWB	GYPSUM WALLBOARD
GYP	GYPSUM
-H-	
HB	HOSE BIB
HC	HANDICAPPED
HD	HEAD
HDW	HARDWARE
HEX	HEXAGONAL
HM	HOLLOW METAL
HOR	HORIZONTAL
HPL	HIGH PRESSURE LAMINATE
HR	HANDRAIL
HT	HEIGHT
HV	HEATING AND VENTILATING UNIT
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
HWD	HARDWOOD
HYD	HYDRANT
-I-	
I/F	INSIDE FACE
ID	INSIDE DIAMETER
INCAN	INCANDESCENT
INCL	INCLUDE(D), INCLUDING
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
IPS	IRON PIPE SIZE
-J-	
JAN	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
-K-	
KD	KNOCKDOWN
KIP	ONE THOUSAND POUNDS
-L-	
L	LONG, LENGTH
LAB	LABORATORY
LAM	LAMINATE(D)
LAV	LAVATORY
LB	LAG BOLT
LBRG	LOAD BEARING
LF	LINEAL FEET
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LIGHTING PANEL

GENERAL ABBREVIATIONS

LT	LIGHT
LTG	LIGHTING
LVR	LOUVER
-M-	
MACH	MACHINE
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLD	MOLDING
MO	MASONRY OPENING
MOD	MODULAR
MT	MOUNT(ED)(ING)
MTH	MOUNTING HEIGHT
MTL	METAL
MTP	METAL TOILET PARTITION
MULL	MULLION
MWC	MULTI-COLOR WALL COATING
MWK	MILLWORK
-N-	
N/A	NOT APPLICABLE
N/F	NEAR FACE
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NO OR #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
-O-	
O/A	OVERALL
O/F	OUTSIDE FACE
O/O	OUT TO OUT
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OHE	OVERHEAD ELECTRIC
OHE&T	OVERHEAD ELECTRIC AND TELEPHONE
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OUT	OUTLET
-P-	
P/L	PROPERTLY LINE
PA	PUBLIC ADDRESS
PART	PARTIAL
PBD	PARTICLE BOARD
PC	PRECAST CONCRETE, PLUMBING CONTRACTOR
PCL	PAVEMENT CUT LINE
PE	PORCELAIN ENAMEL
PEND	PENDANT
PERC	PERCOLATION
PERF	PERFORATED
PG	PLATE GLASS
PIV	POST INDICATING VALVE
PL	PLATE
PLA	PLASTIC
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNL	PANEL
PNT	PAINT
POB	POINT OF BEGINNING
POS	POSITIVE
PP	POWER PANEL
PR	PAIR
PREFAB	PREFABRICATED
PROP	PROPERTY
PT	POINT, PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWD	PLYWOOD
PWR	POWER
-Q-	
QT	QUARRY TILE
QTB	QUARRY TILE BASE
QTR	QUARTER
QTY	QUANTITY
-R-	
R	RISER, RADIUS, HEAR RESISTANCE
RA	RETURN AIR
RAD	RADIATOR
RC	ROOFING CONTRACTOR, ROOF CUT LOCATION
RD	ROOF DRAIN
RECT	RECTANGLE
REF	REFERENCE, REFRIGERATOR
REG	REGISTER
REINF	REINFORCING
REL	RELOCATE
REM	REMOVE, REMOVABLE
REQD	REQUIRE(D)
REQMT	REQUIREMENT
RESIL	RESILIENT
REV	REVISION, REVISE(D)
RH	ROOF HATCH
RIV	ROOF INTAKE VENTILATOR
RL	ROOF LEADER
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RT	RESILIENT TILE
RTU	ROOF TOP UNIT
RUB	RUBBER
RV	ROOF VENT
RW	RESCUE WINDOW
-S-	
S/L	SLORM LOUVER
S/P	SOUNDPROOF
SAFB	SOUND ATTENUATION FIRE BLANKETS
SAN	SANITARY

GENERAL ABBREVIATIONS

SCH	SCHEDULE
SD	SOAP DISPENSER
SDR	SUB DRAIN
SECT	SECTION
SF	SQUARE FEET, SQUARE FOOT
SGT	STRUCTURAL GLAZED TILE
SHT	SHEET
SHTH	SHEATHING
SHWR	SHOWER
SIM	SIMILAR
SKL	SKYLIGHT
SL	SLEEVE
SLL	SURVEY LIMIT LINE
SM	SHEET METAL
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SOG	SLAB ON GRADE
SPEC	SPECIFICATION
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
ST	STORM WATER
STA	STATION
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STO	STORAGE
STRUCT	STRUCTURAL
SURF	SURFACE
SUSP	SUSPENDED
SWD	STORMWATER DRAIN
SYM	SYMMETRY (ICAL)
SYS	SYSTEM
-T-	
T	TREAD(S)
T&G	TONGUE AND GROOVE
T/	TOP OF
TB	TACKBOARD, TOWEL BAR
TECH	TECHNOLOGY, TECHNICAL
TEL	TELEPHONE
TEMP	TEMPERATURE
TERR	TERRAZZO
TG	TEMPERED GLASS
THK	THICKNESS
THR	THRESHOLD
THRU	THROUGH
TOC	TOC OF CURB
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPD	TEMPERED
TPTN	TOILET PARTITION
TRD	TRENCH DRAIN
TTD	TOILET TISSUE DISPENSER
TV	TELEVISION
TYP	TYPICAL
-U-	
U	HEAT TRANSFER COEFFICIENT
UC	UNDERCUT
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTL	UTILITY
UV	UNIT VENTILATOR
-V-	
V	VOLT
VAR	VARIES
VAT	VINYL ASBESTOS TILE
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
VOC	VOLATILE ORGANIC COMPOUND
VOL	VOLUME
VP	VISION PANEL
VRB V	VENTED RUBBER BASE
VWC	VINYL WALL COVERING
-W-	
W	WATT
W/	WITH
W/O	WITHOUT
WB	WHITEBOARD
WC	WATER CLOSET, WALL COVERING
WD	WOOD
WF	WIDE FLANGE
WG	WIRE GLASS
WH	WATER HEATER, WALL HUNG
WI	WROUGHT IRON
WM	WIRE MESH
WP	WATERPROOF
WR	WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT
WV	WATER VALVE
WWM	WELDED WIRE MESH
-Y-	
YD	YARD

GENERAL ANNOTATION

GENERAL ANNOTATION

- COLUMN LINE
- REVISION INDICATOR
- REFERENCE LEVEL
- ROOM NAME / XXXXX / XXX — ROOM IDENTIFIER
- 101A — DOOR IDENTIFIER
- W1 / F — WALL IDENTIFIER
- AA — WINDOW AND VISION PANEL IDENTIFIER
- L1 — LOUVER IDENTIFIER
- 6024 L — CASEWORK IDENTIFIER
- E1 — EQUIPMENT IDENTIFIER
- F1 / TYP — FURNITURE IDENTIFIER
- ? — KEYNOTE INDICATOR (KEYNOTES STARTING WITH A 'D' ARE FOR DEMOLITION)
- 7 / 10'-2 3/8" / P1-1 — CEILING IDENTIFIER

SECTIONS AND DETAIL REFERENCES

A — PLAN/DETAIL TITLE
SCALE: 1/8" = 1'-0"

- CALLOUT NUMBER
- SPECIAL NOTES
- 1 / A101 — PLAN/DETAIL CALLOUTS
- DRAWING NUMBER
- SECTION NUMBER (DOUBLE LETTERS FOR BUILDING SECTIONS)
- 1 / A101 — SECTION MARK
- DRAWING NUMBER
- ELEVATION LETTER
- A — EXTERIOR ELEVATION
- DRAWING NUMBER
- A / B / C / D — ELEVATION LETTER(S)
- INTERIOR ELEVATION
- DRAWING NUMBER
- DETAIL NUMBER
- SPECIAL NOTES
- 1 / A101 — DETAIL MARK
- DRAWING NUMBER

MATERIALS LEGEND

NOTE: GRAPHICS ARE DEPICTED WITHIN THE DRAWINGS AS INDICATED HEREIN UNLESS NOTED OTHERWISE. CONSULT MATERIAL AND FINISH LEGEND FOR SPECIFIC PRODUCT INFORMATION

- EARTH (UNDISTURBED)
- EARTH (COMPACTED)
- STEEL
- STRUCTURAL FILL
- GYPSUM WALL BOARD
- BRICK
- CONCRETE
- GLASS
- WOOD BLOCKING (NON-CONT.)
- CONCRETE MASONRY UNITS
- PLYWOOD
- 2 / 6 — WOOD BLOCKING (CONT.) (NOM. DIMS.)
- RIGID INSULATION
- WOOD (FINISHED)
- BATT INSULATION
- CARPET
- ACOUSTIC TILE
- PARTICLE BOARD
- SPRAY FOAM INSULATION
- NYSDOT NO.2 WASHED STONE

DIMENSIONING LEGEND

- X — FACE OF FINISH SURFACE (ARROW HEAD)
- X / Y — CENTER OF OPENING / OBJECT (HEAVY DOT)
- 1 1/2" — FACE OF STRUCTURAL FRAMEWORK (SLASH-TICK)

PHASING GRAPHICS LEGEND

- EXISTING CONSTRUCTION - TO REMAIN
- EXISTING CONSTRUCTION - TO BE DEMOLISHED - REMOVED
- NEW CONSTRUCTION
- DETAIL EXAMPLE: NEW CONSTRUCTION

GENERAL NOTES

1. THE FOLLOWING GENERAL NOTES PERTAIN TO ALL DRAWINGS IN THIS PROJECT.
2. DO NOT SCALE THE DRAWINGS
3. EXISTING CONDITIONS:
   1. INFORMATION SHOWN PERTAINING TO EXISTING CONDITIONS IS BASED ON VISUAL INSPECTION AND EXISTING CONSTRUCTION DOCUMENTS PROVIDED BY THE OWNER. ANY DISCREPANCIES DISCOVERED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION. DESCRIPTIONS AND DETAILS OF EXISTING CONDITIONS MAY VARY FROM THOSE INDICATED.
   2. FIELD VERIFICATION - THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK PRIOR TO SUBMISSION OF A BID.
4. SHOULD CONFLICTS EXIST WITHIN THE CONSTRUCTION DOCUMENTS, VERIFY INTENT WITH ARCHITECT PRIOR TO BIDDING. CLARIFICATIONS ISSUED AFTER BIDDING SHALL NOT BE BASIS FOR ADDITIONAL COMPENSATION.
5. WHEN REMOVING A MATERIAL, COMPONENT, ASSEMBLY OR SYSTEM, "COMPLETE" SHALL MEAN THE MATERIAL, COMPONENT, ASSEMBLY OR SYSTEM, ALONG WITH ASSOCIATED SUSPENSION, HANGERS, BRACING, SHIMS, FASTENERS, ANCHORS, TRIM, ACCESSORIES, TRANSITION PIECES, ADHESIVES, SEALANTS, ETC., UNLESS OTHERWISE INDICATED.
6. PROTECTION - THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS REQUIRED TO PROTECT THE ADJACENT ROOF SURFACES. ADJACENT ROOF SURFACES MAY CURRENTLY BE UNDER A MANUFACTURER'S WARRANTY - THE CONTRACTOR SHALL VERIFY CONDITIONS. ANY WORK DONE AFFECTING ADJACENT SURFACES SHALL BE BY AUTHORIZED PERSONNEL, USING MATERIALS AND METHODS ACCEPTABLE BY THE WARRANTOR. OBTAIN APPROVALS, INSPECTIONS AND DOCUMENTATION AS NECESSARY TO SUBSTANTIATE ACCEPTANCE.
7. LOADING - THE CONTRACTOR SHALL AVOID EXCESSIVE LOADING OF THE BUILDING ELEMENTS WHEN PLACING AND HANDLING ROOFING MATERIALS AND EQUIPMENT. ROOF LOADING DURING CONSTRUCTION SHOULD NOT EXCEED THE STRUCTURAL DESIGN LOAD OF 55 POUNDS PER SQUARE FOOT.
8. EXTERIOR PERIMETER OF ALL WINDOWS, LOUVERS OR OTHER ITEMS INSERTED IN AN EXTERIOR WALL SHALL BE SEALED WITH BACKER ROD AND SEALANT (TYPICAL)
9. INSTALL ALL MATERIAL ITEMS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
10. BUILDING DIMENSIONS ARE AS INDICATED:
    FOUNDATION = FACE OF CONCRETE TO FACE OF CONCRETE
    EXTERIOR = FACE OF FRAMING TO FACE OF FRAMING
    INTERIOR = FACE OF FRAMING
11. PROVIDE CONCEALED BLOCKING FOR ALL SHELVES, PLUMBING FIXTURES, TOILET ACCESSORIES, CABINETS, ETC.
12. THE GENERAL CONTRACTOR SHALL PROVIDE SLEEVES AND/OR OPENINGS IN WALLS, PARTITIONS, FLOOR SLABS AND ROOFS AS REQUIRED BY OTHER CONTRACTORS FOR THE INSTALLATION OF WORK SHOWN ON ALL DRAWINGS. THE LOCATION AND SIZE OF SUCH SLEEVES AND/OR OPENINGS SHALL BE PROVIDED WITH AN APPROPRIATE SEALANT, OR WITH FIRE-STOPPING MATERIAL AT PENETRATIONS THROUGH FIRE-RESISTANCE RATED CONSTRUCTION.
13. THE GENERAL CONTRACTOR SHALL PROVIDE ALL PROJECT IDENTIFICATION AND TEMPORARY SIGNS
14. THE GENERAL CONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS DURING CONSTRUCTION PER BUILDING CODE OF NEW YORK STATE 3309 AND FIRE CODE OF NEW YORK STATE 3315
15. FOLLOW ALL PROVISIONS OF FIRE CODE OF NEW YORK STATE CHAPTER 33 REGARDING WELDING AND OTHER HOT WORK.
16. ALL ELECTRICAL WORK SHALL BE INSPECTED BY A QUALIFIED NYS ELECTRICAL INSPECTOR, PRIOR TO CONCEALMENT. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN ELECTRICAL ACCEPTANCE CERTIFICATE UPON COMPLETION OF THE ELECTRICAL WORK FOR THE BUILDING AND FOR ANY SITE UTILITIES.
17. COORDINATE LAYDOWN AND STAGING AREA REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
18. COORDINATE NEEDS FOR CONTRACTOR PARKING WITH OWNER'S REPRESENTATIVE.
19. COORDINATE TRAVEL PATH TO WORK AREAS WITH OWNER'S REPRESENTATIVE.

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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Architectural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT — BARRY HALPERN — 022463 — STATE OF NEW YORK
Exp. 09/30/2026

Sheet Title:
SYMBOLS AND ABBREVIATIONS

Drawing Number:
A-001

Project Number: 26007

Sheet: Page 23 of 52

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GENERAL PARTITION NOTES

A. ALL STUD PARTITIONS NOT INDICATED WITH A PARTITION TYPE SHALL BE TYPE W-2. ALL MASONRY PARTITIONS NOT INDICATED WITH A PARTITION TYPE SHALL BE TYPE W-1.

B. PARTITIONS WITH SOUND ATTENUATION FIRE BLANKETS (SAFB):
   a. INSTALL TRACKS OVER (3) THREE CONTINUOUS BEADS OF ACOUSTICAL SEALANT.
   b. PROVIDE SOUND ATTENUATION BLANKETS IN ALL CAVITY SPACES OF WALL AT LOCATIONS NOTED BELOW
   c. THICKNESS OF SAFB BLANKETS IN STUD WALLS SHALL BE 3" THICK MIN.
   d. PARTITIONS SHALL BE SEALED AT THE PERIMETER OF EACH LAYER OF GWB WITH A CONTINUOUS BEAD OF SEALANT AND BEHIND CONTROL JOINTS, AROUND OPENINGS, AND AT ALL PENETRATIONS.

C. PROVIDE SOUND ATTENUATION AT THE FOLLOWING LOCATIONS:
   a. AT WALL FRAMING AROUND TOILET ROOMS

D. ALL GYPSUM WALL BOARD TO BE TYPE 'X' UNLESS OTHERWISE NOTED.

E. ALL PARTITIONS ARE TO EXTEND TO THE UNDERSIDE OF DECK/STRUCTURE ABOVE UNLESS INDICATED OTHERWISE. PROVIDE DEFLECTION HEAD PER DETAIL.

F. PROVIDE LISTED U.L. FIRE-RESISTANT JOINT ASSEMBLIES AT TOP OF ALL WALLS INDICATED TO BE FIRE RATED.

G. ALL WOOD STUD PARTITIONS TO RECEIVE CERAMIC TILE SHALL BE CONSTRUCTED USING 20 GAGE METAL STUDS AT 16" OC MINIMUM.

H. PROVIDE CONTROL IN GYPSUM WALL BOARD WALLS AND CEILINGS. CONTROL JOINTS SHALL BE INSTALLED IN CEILINGS EXCEEDING 30 LF PROVIDE JOINT WHERE CEILING FRAMING OR FURRING CHANGES DIRECTION AND WHERE CONTROL JOINTS OCCUR IN EXTERIOR WALL.

I. MOISTURE RESISTANT GYPSUM BOARD TO BE USED IN ALL TOILET AND BATHROOMS. SUBSTITUTE CEMENT BACKING BOARD FOR GYPSUM BOARD DIRECTLY BEHIND ALL WALLS/SURFACES TO RECEIVE CERAMIC OR PORCELAIN TILE OR STONE.

J. BEHIND SURFACES FOR SEMI-RECESSED OR SURFACE MOUNTED ACCESSORIES IN FRAMED CONSTRUCTION, PROVIDE CONCEALED 16 GAUGE LIGHT METAL STEEL BACKING SUPPORT IN ALL STEEL STUD PARTITIONS AND 2X6 MINIMUM WOOD BLOCKING IN WOOD STUD PARTITIONS

K. SEE STRUCTURAL DRAWINGS FOR RESTRAINT DETAILS AT THE TOP OF NON-LOAD BEARING CMU WALLS AS REQUIRED.

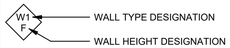
L. SEE STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT IN CMU WALLS AS REQUIRED.

M. PROVIDE CONTROL JOINTS IN INTERIOR MASONRY WALLS AT A SPACING NOT TO EXCEED 25 FT AND WHERE WALL THICKNESS OR HEIGHTS CHANGE. PROVIDE CONTROL JOINTS FOR FINISHES (TILE OR GYPSUM BOARD) THAT BRIDGE THESE JOINTS. CONTRACTOR TO SUBMIT DRAWING FOR APPROVAL.

N. FOR STUD CONSTRUCTION NOT EXTENDING TO THE STRUCTURE, PROVIDE DIAGONAL BRACING FROM TOP OF WALL TO STRUCTURE ABOVE. INSTALL AT 48" OC MAX SPACING AND AT EACH DOOR JAMB.

WALL TAG AND HEIGHT DESIGNATIONS

SYMBOL AND NOMENCLATURE



WALL CONSTRUCTION DESIGNATIONS

S	METAL STUD WALL	SH	SHAFT WALL
M	MASONRY WALL	W	WOOD STUD WALL
F	WALL FURRING	X	SPECIALTY WALL TYPES

WALL HEIGHT DESIGNATIONS

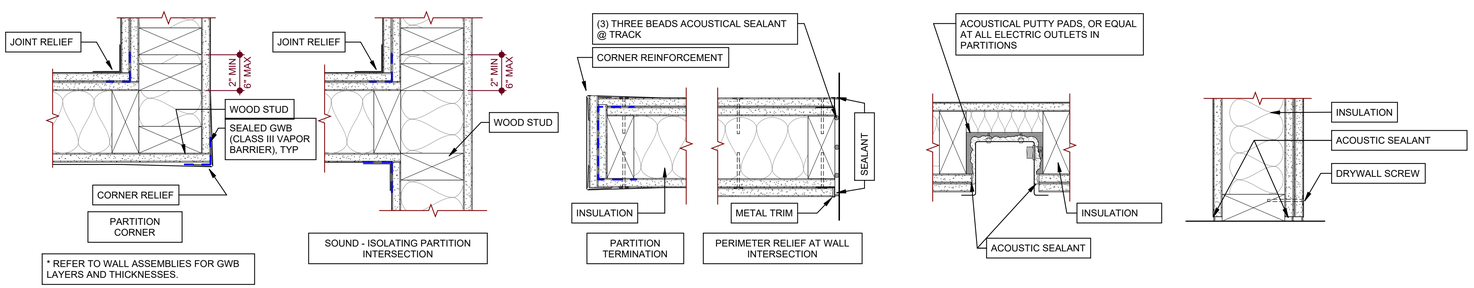
F	FULL HEIGHT MASONRY, STUDS AND GYPSUM WALL BOARD TO DECK
R	FULL HEIGHT STUDS. STOP GYPSUM WALL BOARD 6" ABOVE FINISHED CEILING
P	PARTIAL HEIGHT WALL. SEE WALL TAG/ELEVATION FOR HEIGHT
B	STUD AND GYPSUM WALL BOARD STOP 6" ABOVE FINISHED CEILING. TOP OF WALL IS DIAGONALLY BRACED AT 48" OC MAX.
C	STUDS AND GYPSUM WALL BOARD STOP AT CEILING

GENERAL NOTES

1. IF NO HEIGHT DESIGNATION IS SHOWN IN THE WALL TAG, THE WALL SHALL BE ASSUMED TO BE FULL HEIGHT

INSULATION SCHEDULE

	LOCATION	THICKNESS	R - VALUE	REMARKS
1.	INSULATING GRAVEL	6"	R-10	
2.	2'-0" VERTICAL AT PERIMETER FOUNDATION WALLS	2"	R-10 MIN.	CLOSED CELL EXTRUDED POLYSTYRENE (XPS), REFER TO BASE DETAILS.
3.	EXTERIOR FOUNDATION INSULATION - STUCCO FINISH	1"	R-5 MIN	CLOSED CELL EXTRUDED POLYSTYRENE (XPS), REFER TO BASE DETAILS.
4.	EXTERIOR WALL CONTINUOUS INSULATION	2"	R-9ci	CLOSED CELL POLYISOCYANURATE (POLYISO)
5.	EXTERIOR WALL CAVITY INSULATION	5 1/2" PER CAVITY	R-21	CAVITY BAT INSULATION
6.	ABOVE ROOF STRUCTURE, CONTINUOUS INSULATION	6"	R-34.2ci	POLYISOCYANURATE (POLYISO)
7.	CANOPY INSULATION	VARIES	N/A	POLYISOCYANURATE (POLYISO)
8.	INTERIOR WALLS - STUD FRAMING (UNO)	3 1/2" PER CAVITY	R-11 MIN.	UNFACED FRICTION FIT PARTITION BATTS.
9.	DUCTWORK			REFER TO MECHANICAL DRAWINGS.
10.	PLUMBING			REFER TO PLUMBING DRAWINGS.



WALL PLAN SECTIONS

AT ELECTRICAL BOXES

WALL/ FLOOR INTERSECTIONS

1 TYPICAL PARTITION DETAILS

SCALE: 3" = 1'-0"

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
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115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

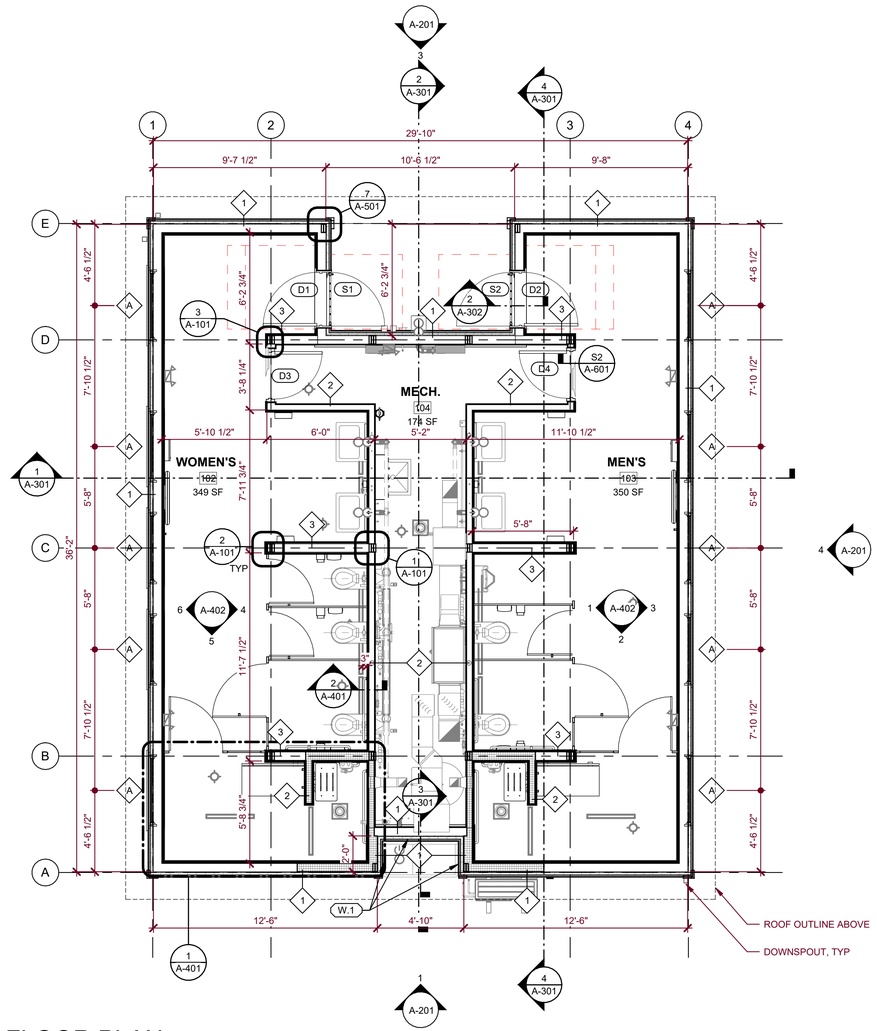


Sheet Title:
BUILDING ASSEMBLY TYPES - WALLS

Drawing Number:
A-002

Project Number: 26007

Sheet: Page 24 of 52



A FLOOR PLAN

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

KEYED NOTES

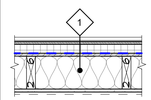
KEYED NOTES LOCATED WITHIN A SPACE SHALL APPLY THROUGHOUT THE SPACE UNLESS OTHERWISE INDICATED.

XX →

Dx = DEMOLITION KEYNOTE
C = CEILING
E = EQUIPMENT / FIXTURES
F = FLOORING
M = MILLWORK
O = OPENING
R = ROOFING
S = STAIRS / RAMPS
W = WALL / STRUCTURE

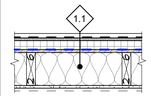
W.1 PROVIDE STAINLESS STEEL PANELS AT ALL SIDES OF SINK ALCOVE, 4' TALL

PARTITION LEGEND.



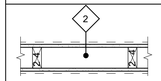
WOOD STUD WALL ASSEMBLY: (EXT TO INT)

- IRREGULAR EDGE WOOD LAP SIDING
- RAINSCREEN LAYER, BOD: BENJAMIN OBDYKE SLICKER HP RAINSCREEN
- INSULATED WALL SHEATHING W/ WRB. BOD: ZIP R-9 (2" NOMINAL)
- 1/2" PLYWOOD SHEATHING TAPED AT SEAMS
- 2X6 WOOD STUD FRAMING
  - 5 1/2" BATT INSULATION
- 1/2" MOISTURE RESISTANT GWB* (SEALED, CLASS III VAPOR BARRIER)



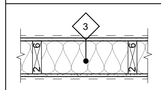
WOOD STUD WALL ASSEMBLY: (EXT TO INT)

- DIRECT APPLIED SLATE SIDING WITH SHIMS
- INSULATED WALL SHEATHING W/ WRB. BOD: ZIP R-9 (2" NOMINAL)
- 1/2" PLYWOOD SHEATHING TAPED AT SEAMS
- 2X6 WOOD STUD FRAMING
  - 5 1/2" BATT INSULATION
- 1/2" MOISTURE RESISTANT GWB* (SEALED, CLASS III VAPOR BARRIER)



WOOD STUD WALL ASSEMBLY: (INT TO INT)

- 1/2" MOISTURE RESISTANT GWB*
- 2X4 WOOD STUD FRAMING
- 1/2" MOISTURE RESISTANT GWB*



WOOD STUD WALL ASSEMBLY: (INT TO INT)

- 1/2" MOISTURE RESISTANT GWB*
- 2X6 WOOD STUD FRAMING
  - 3 1/2" BATT INSULATION
- 1/2" MOISTURE RESISTANT GWB*

NOTES:
1. SEE GENERAL PARTITION NOTES FOR LOCATIONS OF SOUND ATTENUATION.

*SHEATHING AROUND SHOWER SHALL BE 1/2" CEMENT BOARD AND WATER PROOF MEMBRANE (BOD: SCHLUTER KERDI) ON ALL WALLS, AND BELOW FLOOR TILE

SEE FINISH SCHEDULE FOR WALL FINISHES.

GENERAL PARTITION NOTES

A. WOOD PARTITIONS ARE DIMENSIONED TO FACE OF STUD. DIMENSIONS ARE EXCLUSIVE OF FINISHES UNLESS NOTED OTHERWISE.

B. ALL GYPSUM WALL BOARD TO BE TYPE 'X' UNLESS OTHERWISE NOTED.

C. ALL PARTITIONS ARE TO EXTEND TO THE UNDERSIDE OF STRUCTURE ABOVE UNLESS INDICATED OTHERWISE. PROVIDE DEFLECTION HEAD PER DETAIL.

D. PROVIDE CONTROL IN GYPSUM WALL BOARD WALLS AND CEILINGS. CONTROL JOINTS SHALL BE INSTALLED IN CEILINGS EXCEEDING 30 LF PROVIDE JOINT WHERE CEILING FRAMING OR FURRING CHANGES DIRECTION AND WHERE CONTROL JOINTS OCCUR IN EXTERIOR WALL.

E. MOISTURE RESISTANT GYPSUM BOARD TO BE USED IN ALL TOILET AND BATHROOMS. SUBSTITUTE CEMENT BACKING BOARD FOR GYPSUM BOARD DIRECTLY BEHIND ALL WALLS/SURFACES TO RECEIVE CERAMIC OR PORCELAIN TILE OR STONE.

WOOD STUD AND FURRING WALL NOTES

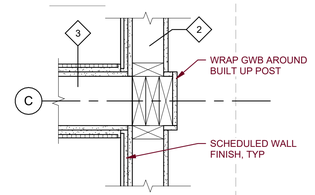
A. SEE GENERAL PARTITION NOTES FOR ADDITIONAL NOTES.

B. SEE ROOM FINISH SCHEDULES FOR WALL BASE AND FINISHES.

C. SEE PLANS AND WALL TYPE SCHEDULE FOR TYPE DESIGNATIONS AND THICKNESSES.

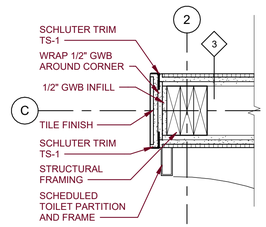
D. WHERE NECESSARY RETURN GYPSUM BOARD AT OPENINGS AND RECESSES, ETC. RETURN GWB AT JAMBS AND HEAD OF OPENING TO FACE OF FRAMES. TERMINATE GWB WITH APPROPRIATE TRIM AND CAULK RESULTING JOINT BETWEEN TRIM AND FACE OF FRAME.

E. AT ALL RECESSES, PROVIDE GWB AT BACK OF RECESS UNLESS OTHERWISE NOTED OR INDICATED IN DRAWINGS.



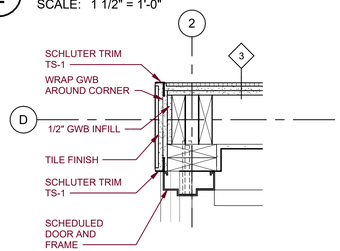
1 DETAIL AT BUILT-UP POST

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



2 END OF WALL DETAIL

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



3 CORNER TILE DETAIL

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

0' 3" 6" 1' 1'-6" 2'

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

0' 2' 4' 8' 12'

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

GENERAL NOTE:
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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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Key Plan

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Seal and Signature



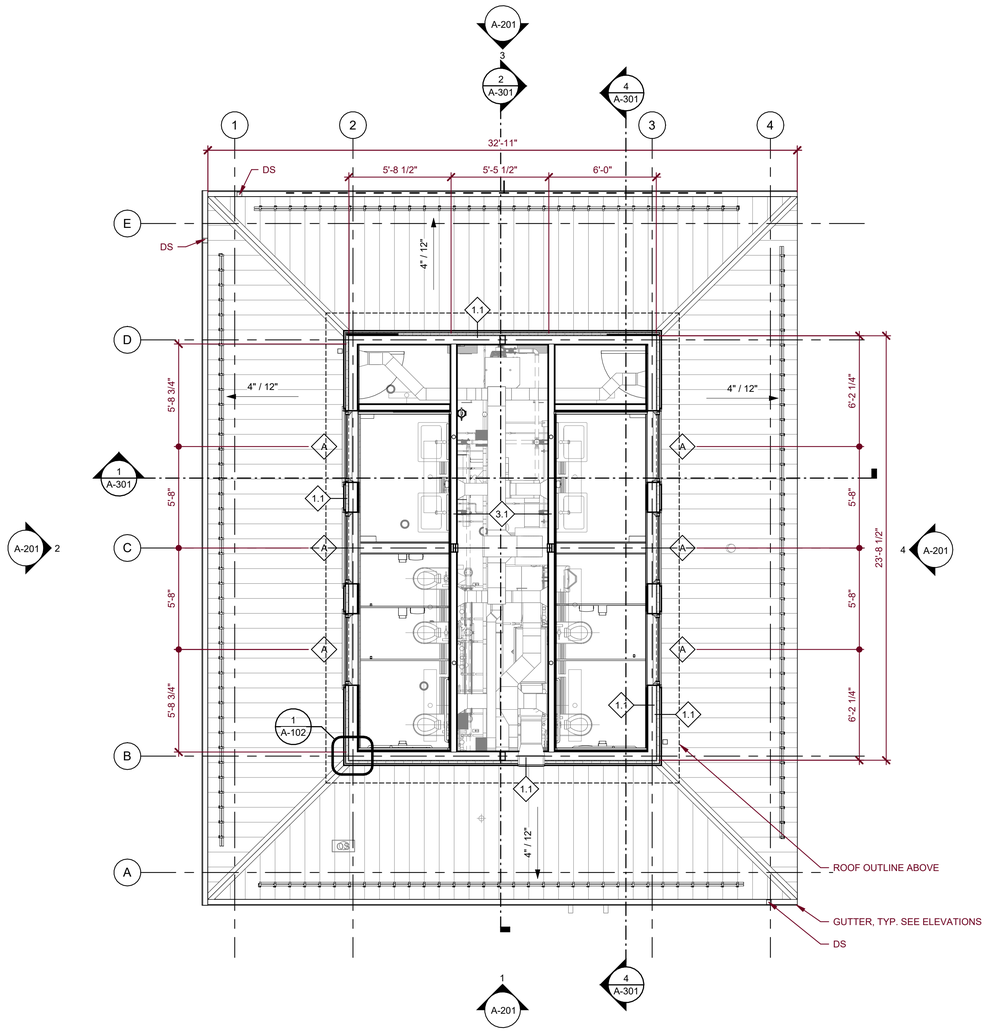
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FLOOR PLAN

Drawing Number:
A-101

Project Number: 26007

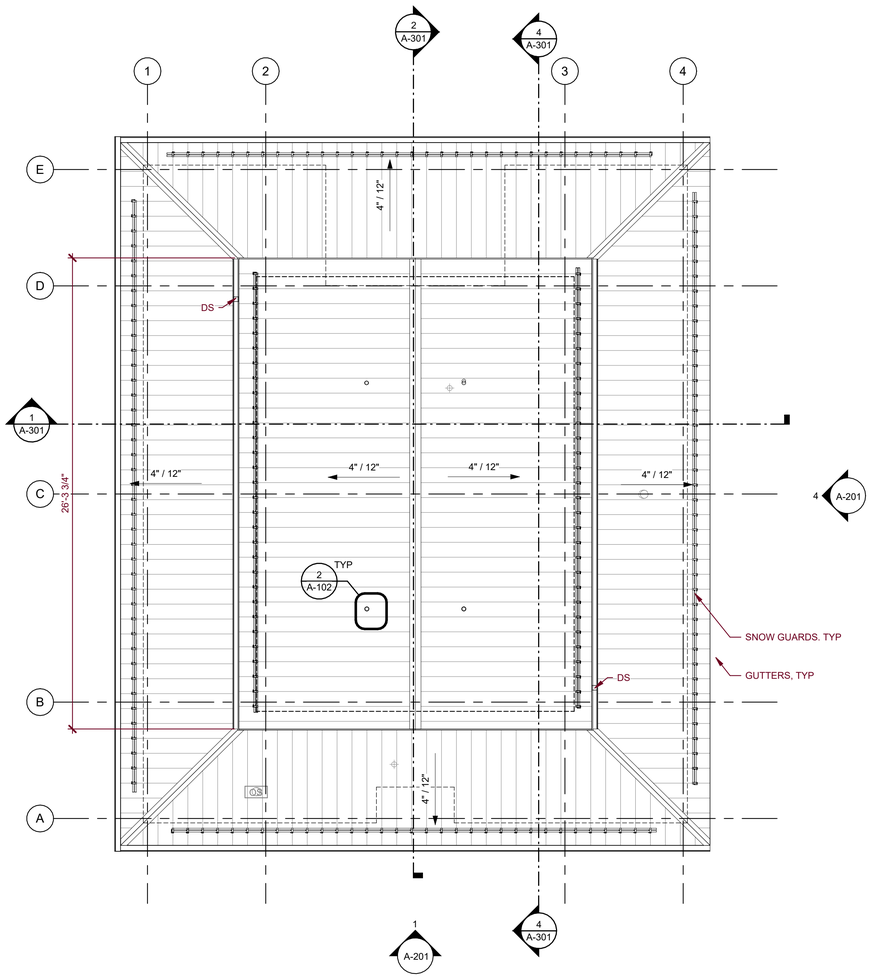
Sheet: Page 25 of 52

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A CUPOLA PLAN

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

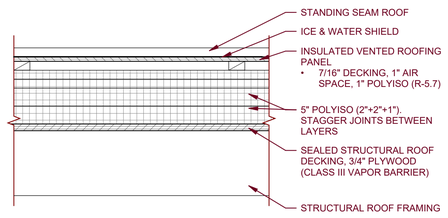


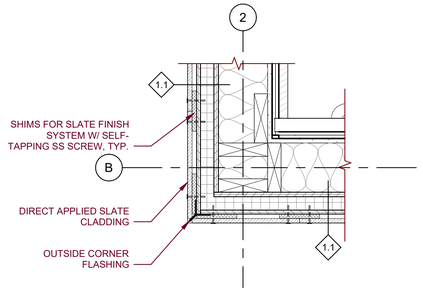
B LOW ROOF AND CUPOLA ROOF PLAN

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

ROOF LEGEND

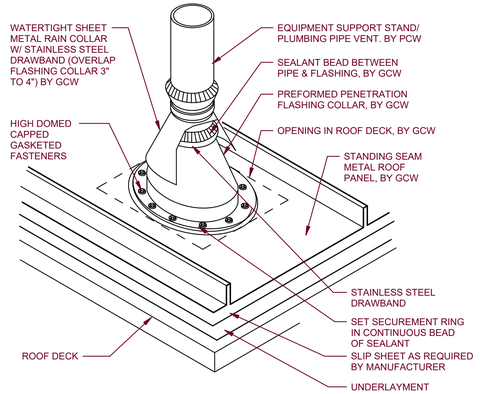
SCALE: 1 1/2" = 1'-0"





1 SLATE SIDING DETAIL AT CORNER

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



2 PLUMBING SOIL FLASHING DETAIL

SCALE: 1" = 1'-0"

NOTES:

1. DESIGN PLACEMENT OF PENETRATION SHOULD ELIMINATE THE POSSIBILITY OF FLASHING FLANGES INTERFERING W/ PANEL SEAMS.
2. IF FIELD PANELS OVERLAP AT THE PENETRATION, ATTACHMENT OF THE DOWNSLOPE PANEL, ALONG ITS UPSLOPE END, MAY BE NECESSARY.
3. CUT OVERSIZE HOLE IN ROOF DECK TO ALLOW FOR THERMAL MOVEMENT.
4. VENT STACKS & OTHER PIPES SHOULD HAVE A MINIMUM OF 12" OF CLEARANCE ON ALL SIDES FROM WALLS, CURBS, & ALL OTHER PROJECTIONS TO FACILITATE PROPER FLASHING.
5. SEAL ALL VAPOR AND AIR BARRIERS AT PENETRATION WITH CLOSED CELL SPRAY FOAM.

GENERAL NOTE:

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0' 2' 4' 8' 12'

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

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Key Plan

REVISIONS

REV.NO.	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT — DANNY HALPERN — 022463 — STATE OF NEW YORK — Exp. 09/30/2028

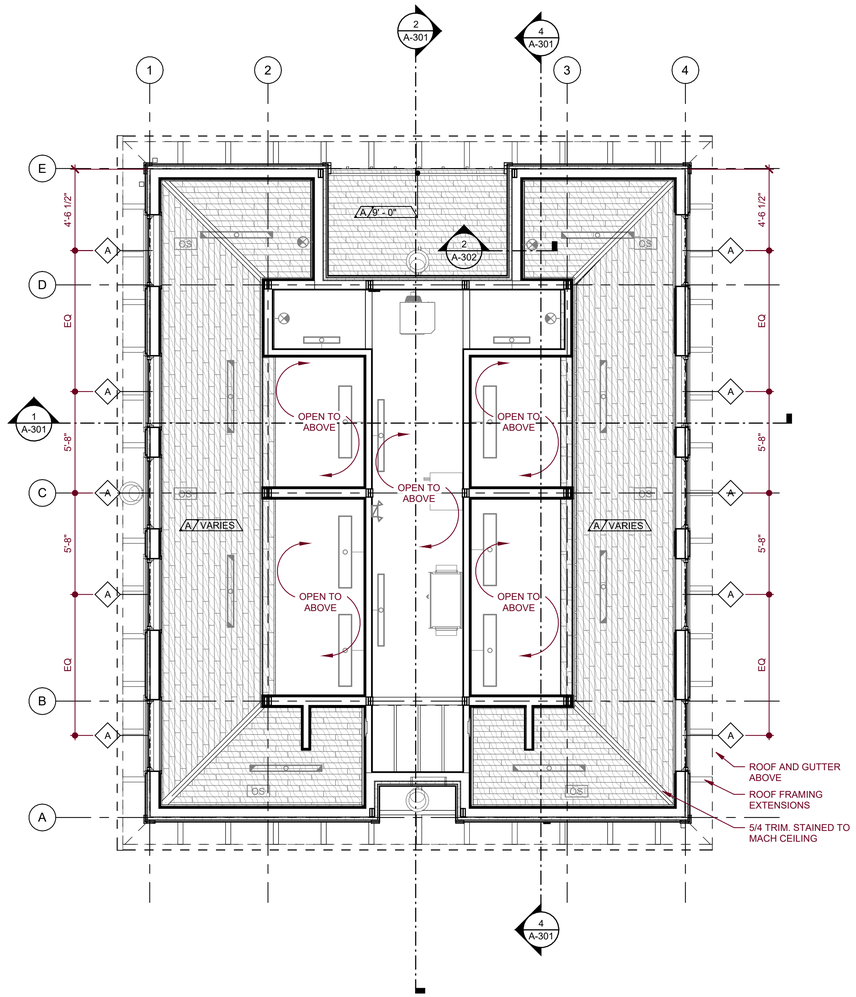
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CUPOLA & ROOF PLAN

Drawing Number:

A-102

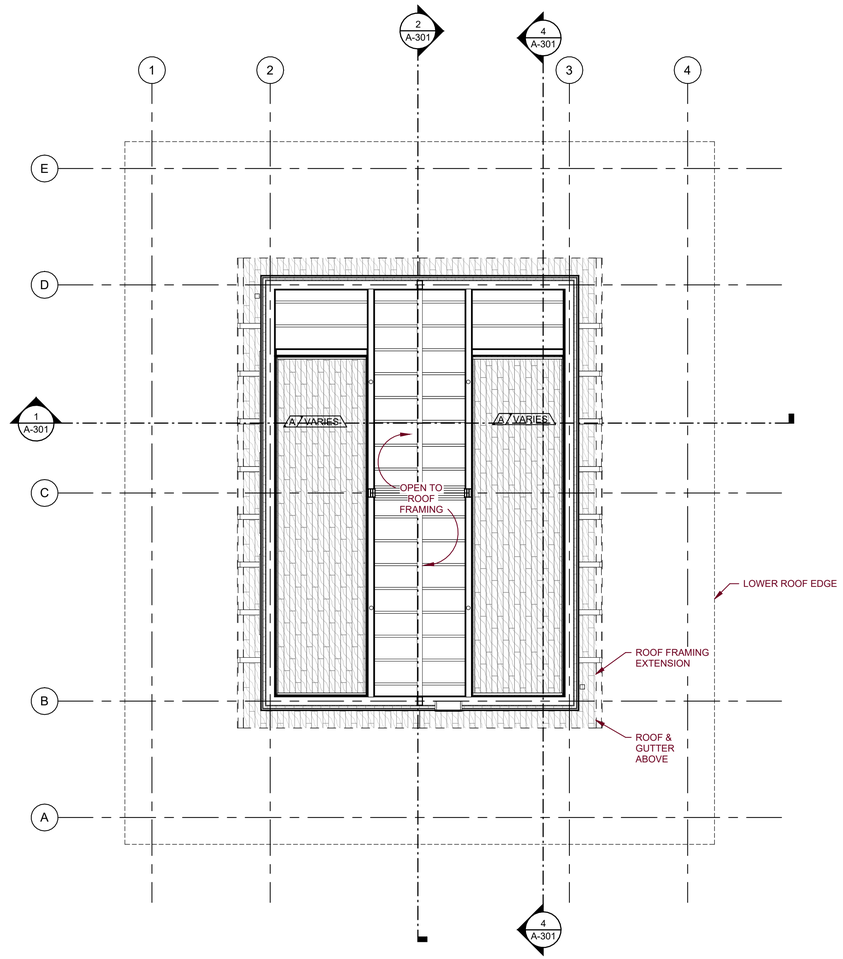
Project Number: 26007

Sheet: Page 26 of 52



A FIRST FLOOR REFLECTED CEILING PLAN

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



B CUPOLA REFLECTED CEILING PLAN

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

CEILING LEGEND

- TYPE / HEIGHT AFF — 7 VARIES — FINISH PT-1 — CEILING TAG
- TYPE A: 1X6 TONGUE AND GROOVE WOOD PLANK CEILING
- PENDANT MOUNT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- UNIVERSAL MOUNT EXIT LIGHT
- OS1 — OCCUPANCY SENSOR
- EXHAUST FAN
- EXHAUST GRILLE
- SUPPLY DIFFUSER
- RETURN GRILLE
- UNIT HEATER

GENERAL NOTE:

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0' 2' 4' 8' 12'

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

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Approved By: -
Date: 09/11/2026

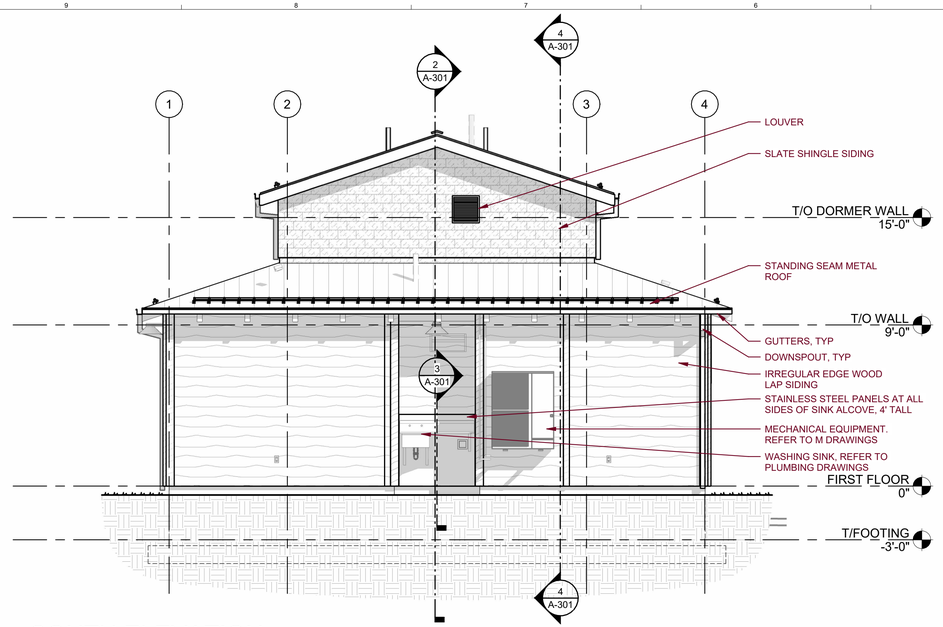
Seal and Signature
REGISTERED ARCHITECT — DANNY HALPERIN — 022463 — STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
REFLECTED CEILING PLAN

Drawing Number:
A-103

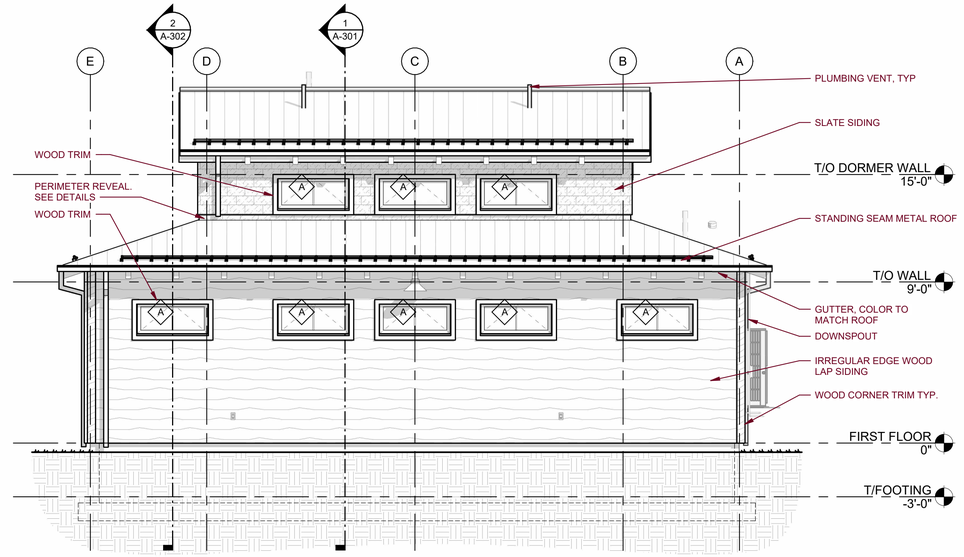
Project Number: 26007

Sheet: Page 27 of 52



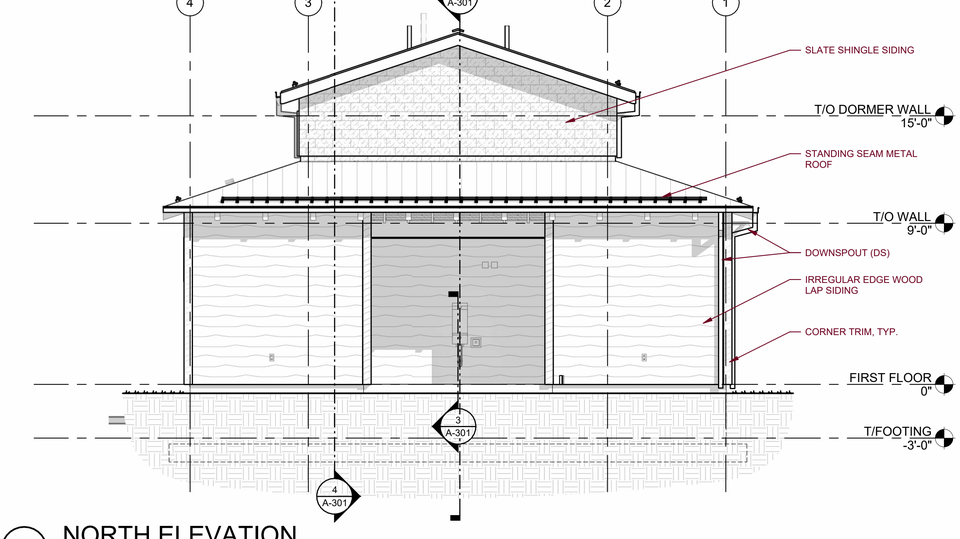
1 SOUTH ELEVATION

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



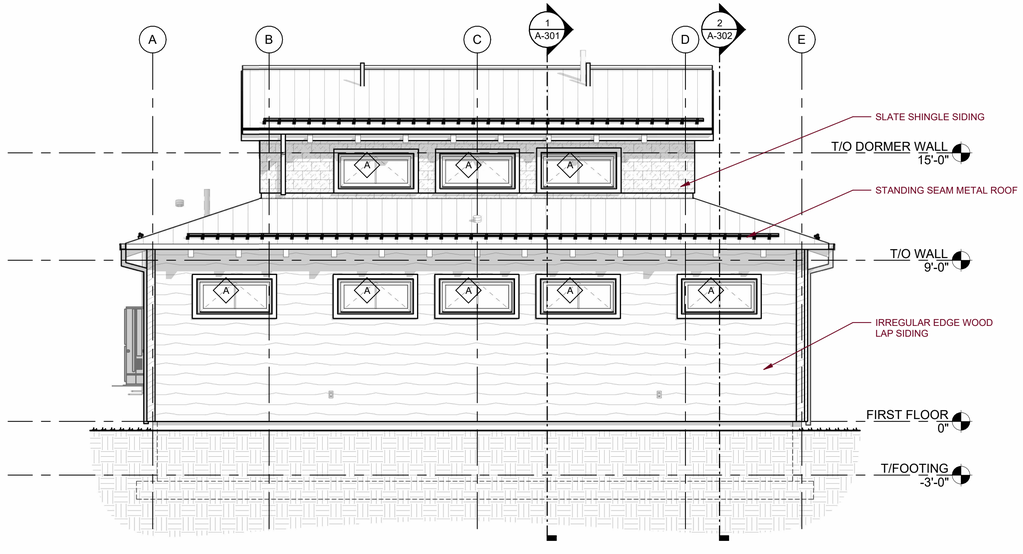
2 WEST ELEVATION

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



3 NORTH ELEVATION

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



4 EAST ELEVATION

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

EXTERIOR FINISH LEGEND

DESCRIPTION	MANUFACTURER	COLOR	COMMENTS
IRREGULAR EDGE WOOD LAP SIDING	-	TBD	WHITE OAK
SLATE SHINGLE SIDING	VERMONT SLATE CO	-	
STANDING SEAM METAL ROOFING	ATAS OR APPROVED EQUAL	CHARCOAL GREY	
ALUMINUM ROOF EDGES, METAL TRIM, GUTTERS/DOWNSPOUTS	ATAS OR APPROVED EQUAL	CHARCOAL GREY	
ALUMINUM ENTRANCE DOORS AND FRAMES	SPECIAL-LITE	TBD	

GENERAL NOTE:

1. THE GENERAL CONTRACTOR (GCW) IS RESPONSIBLE FOR ALL WORK SHOWN ON PLAN, UNLESS NOTED OTHERWISE

0' 2' 4' 8' 12'

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

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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SYRACUSE, NY 13204
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Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT — HARRY HAUPSERT — 032463 — STATE OF NEW YORK — Exp. 09/30/2028

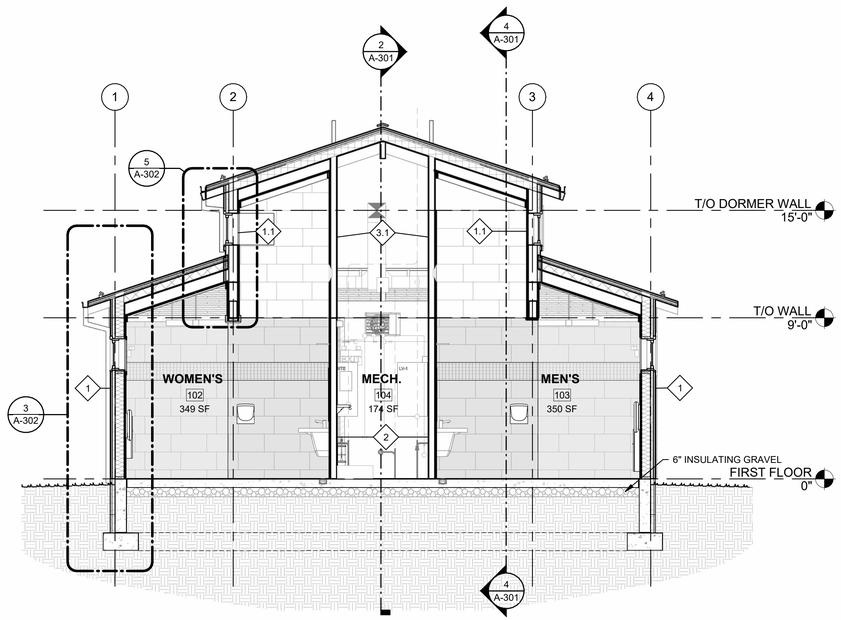
Sheet Title:
EXTERIOR ELEVATIONS

Drawing Number:
A-201

Project Number: 26007

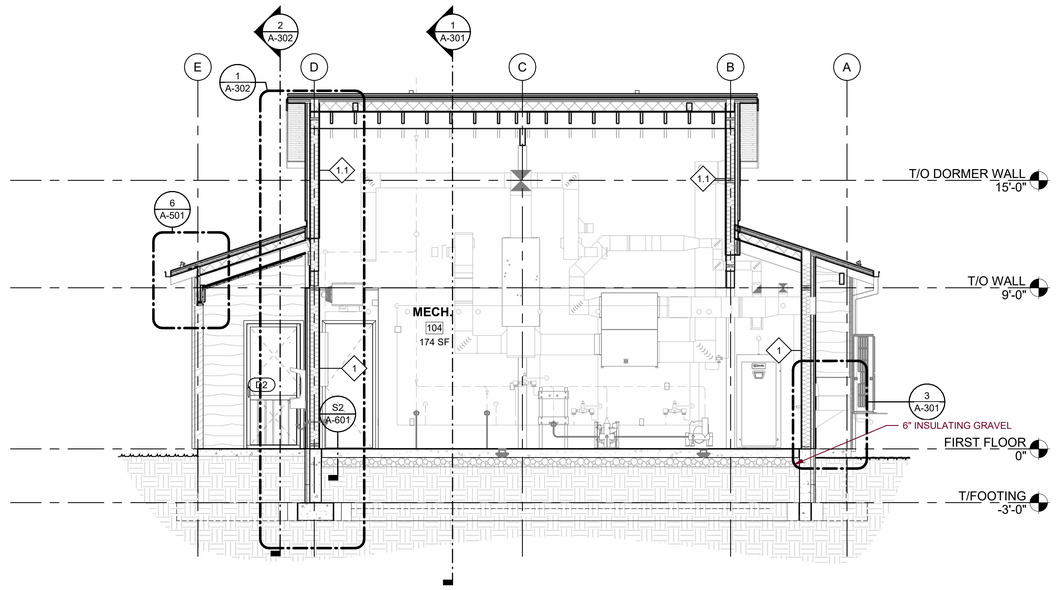
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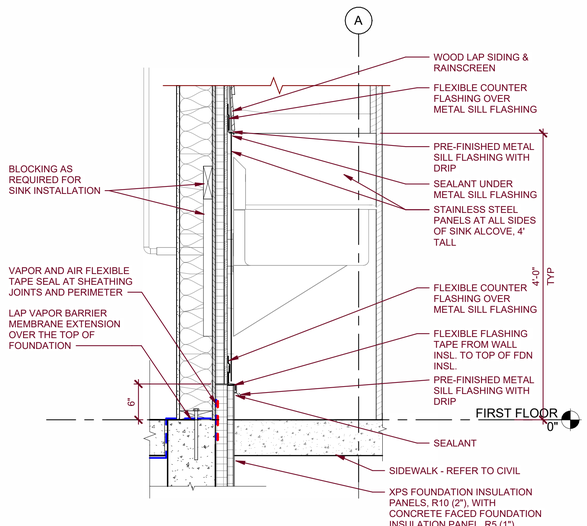
1 TRANSVERSE SECTION

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



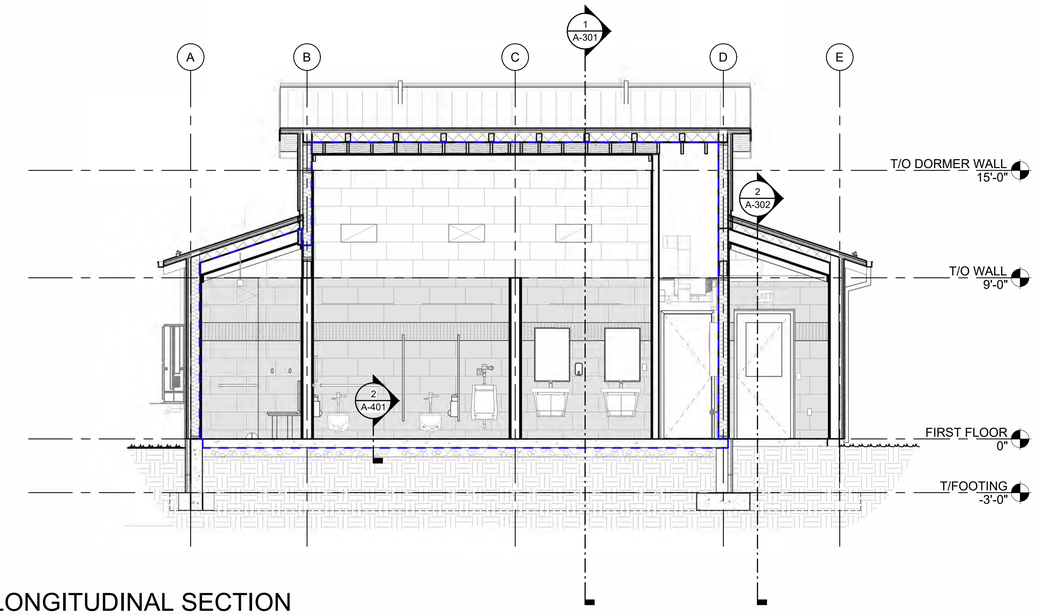
2 LONGITUDINAL SECTION

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



3 DETAIL AT SINK

SCALE: 1" = 1'-0"



4 LONGITUDINAL SECTION

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

GENERAL NOTE:

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0' 2' 4' 8' 12'

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

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ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

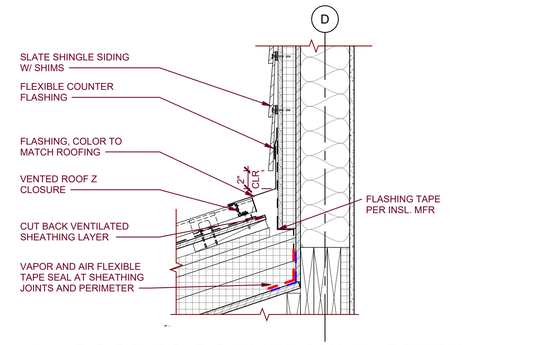
REGISTERED ARCHITECT BRIAN VALPERGA 022463 STATE OF NEW YORK
Exp. 09/30/2026

Sheet Title:
BUILDING SECTIONS

Drawing Number:
A-301

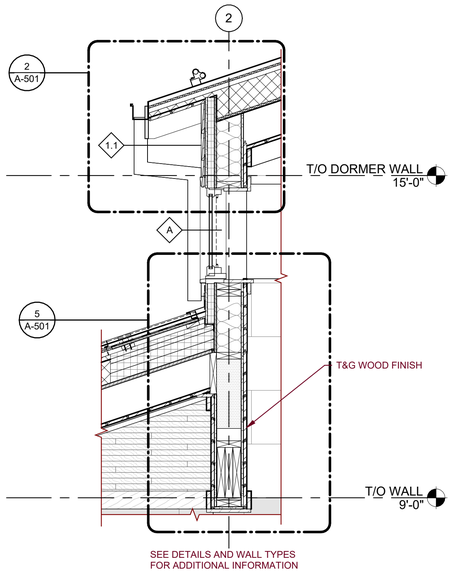
Project Number: 26007

Sheet: Page 29 of 52



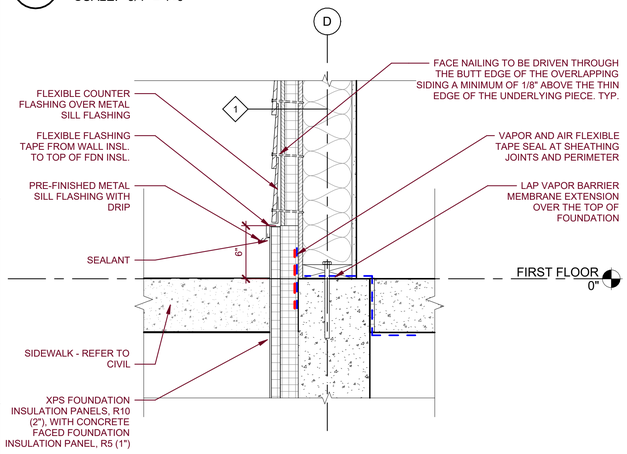
4 ROOF TO DORMER WALL DETAIL

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



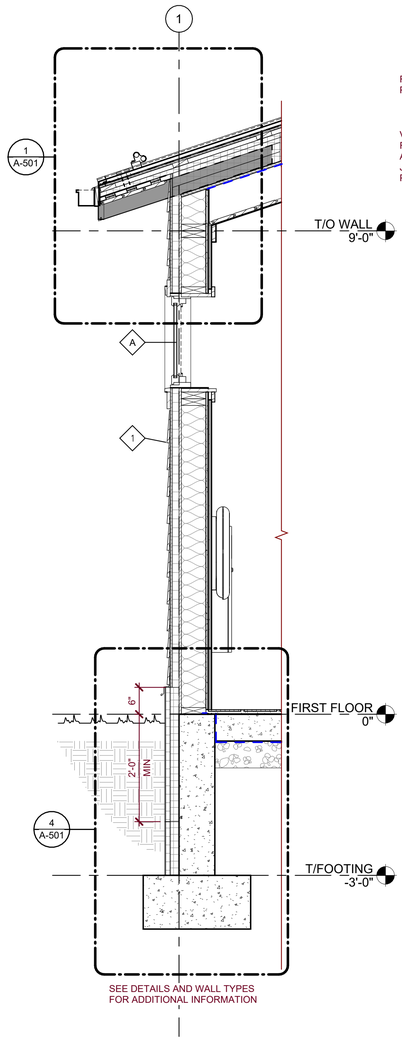
5 WALL SECTION

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



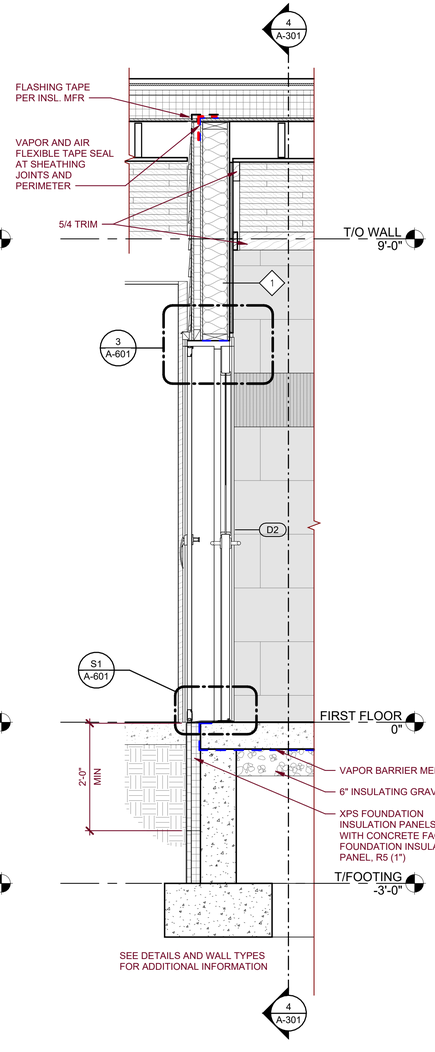
6 WALL DETAIL AT SIDEWALKS

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



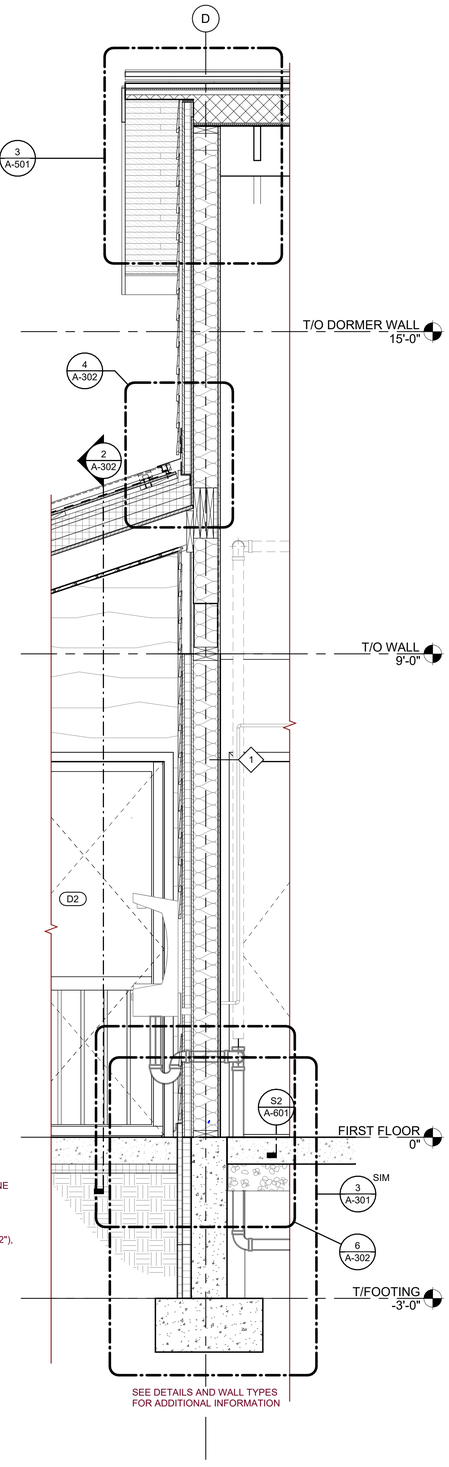
3 WALL SECTION

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



2 WALL SECTION

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



1 WALL SECTION

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

GENERAL NOTE:

1. THE GENERAL CONTRACTOR (GCW) IS RESPONSIBLE FOR ALL WORK SHOWN ON PLAN, UNLESS NOTED OTHERWISE

0' 3" 6" 1' 1'-6" 2'
SCALE : 1 1/2" = 1'-0"

0' 6" 1' 2' 3' 4'
SCALE : 3/4" = 1'-0"

New York State Parks, Recreation and Historic Preservation

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ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT BARRY NAZARIAN 022483 STATE OF NEW YORK Exp. 09/30/2028

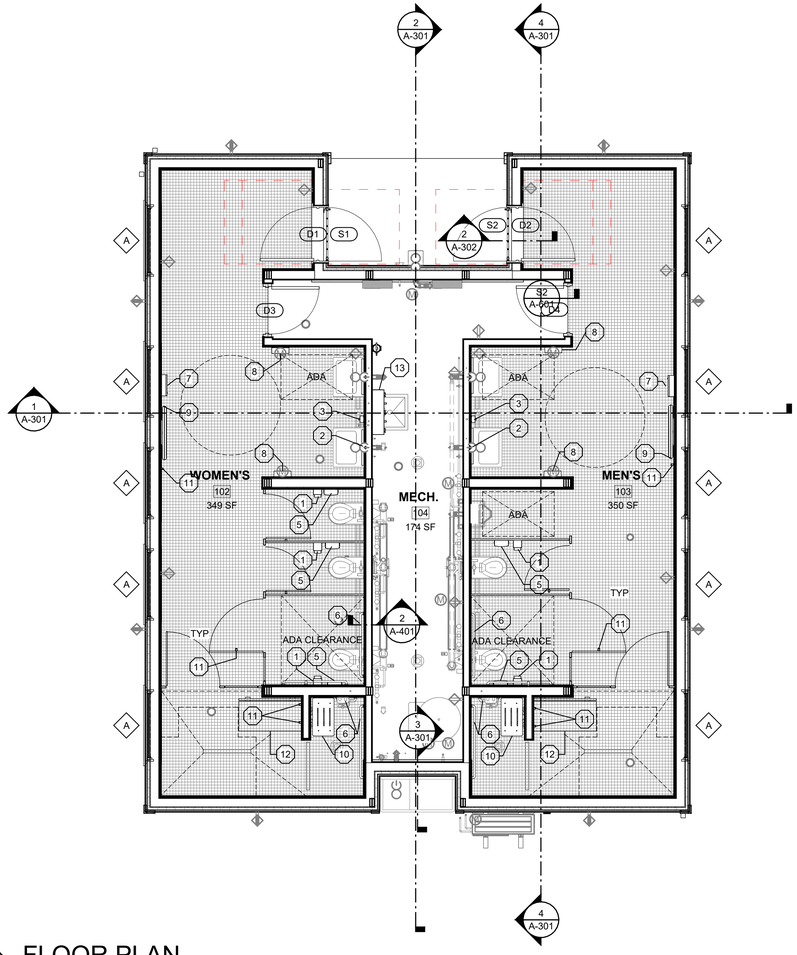
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WALL SECTIONS

Drawing Number:
A-302

Project Number: 26007

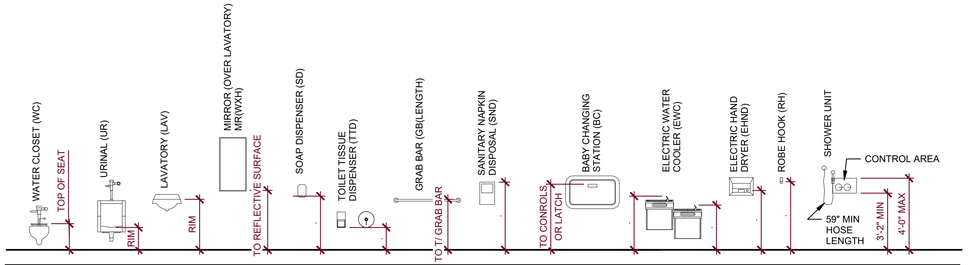
Sheet: Page 30 of 52

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A FLOOR PLAN

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



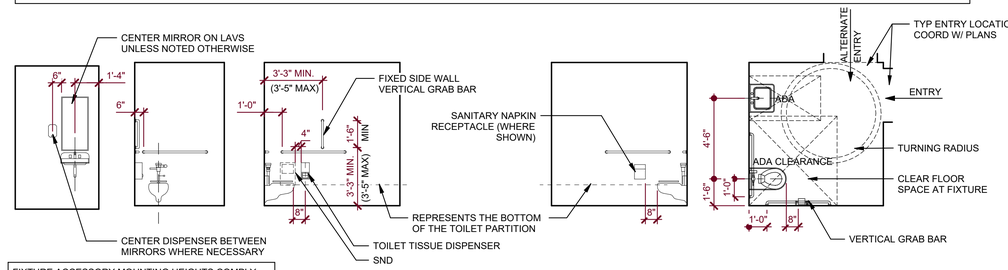
PLUMBING FIXTURE AND TOILET ACCESSORY MOUNTING HEIGHT SCHEDULE

DESCRIPTION	MARK	FIXTURE OR ACCESSORY TYPE (ABBREVIATED) - NUMBERS SHOWN REPRESENT MOUNTING HEIGHT										
		WC	UR	LAV	MR	SD	TTD	GB	SND	BC	EHND	RH	SHOWER HEAD
TOILET ROOM	TR-D	16"	16"	33"	39" TO REFL SURF	48	20"	34"	30"***	40"	40	46"	ADJUSTABLE
ELECTRIC WATER COOLER	EWC	WATER COOLERS SHALL BE MOUNTED SO THAT THE SPOUT HEIGHT IS 40" ABOVE FINISHED FLOOR. WATER COOLERS DESIGNATED AS HCPD SHALL BE MOUNTED SO THE SPOUT HEIGHT IS 36" ABOVE FINISHED FLOOR.										

1. COORDINATE WITH PLANS AND ELEVATIONS - MOUNTING HEIGHTS FOR SPECIFIC ACCESSORIES AND/ OR FIXTURES MAY BE SHOWN ELSEWHERE. USE THE HEIGHTS SHOWN ABOVE UNLESS NOTED OTHERWISE.
2. SEE THE ROOM FINISH SCHEDULE FOR TOILET FIXTURE/ ACCESSORY DESIGNATION (TR-A, TR-B, TR-C, TR-D) BY ROOM

(*) CHECK HEIGHT OF TANK/ FLUSH VALVE. SIDE GRAB BAR HEIGHTS WILL LIKELY NOT WORK AT BACK. IF SO, BACK BAR TO BE AT LOWEST HEIGHT TO PERMIT FREE HAND MOVEMENT ALONG BAR (1 1/2" CLEAR).

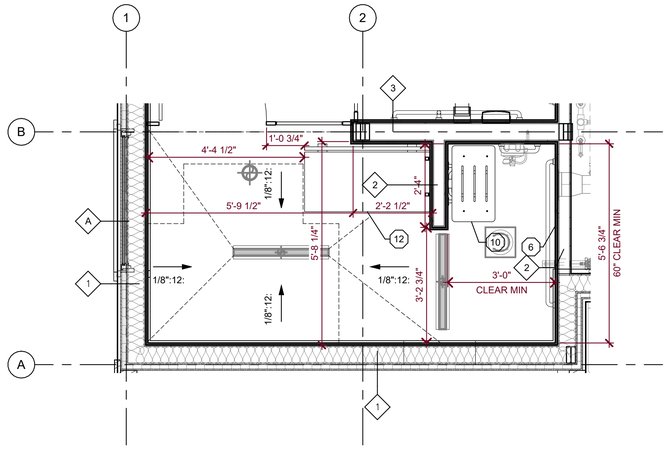
(**) MOUNT TOP OF SANITARY NAPKIN DISPENSER (SND) 4" BELOW BOTTOM OF GRAB BAR OR AS REQUIRED TO OPERATE LID.



FIXTURE ACCESSORY MOUNTING HEIGHTS COMPLY WITH ANSI 117.1

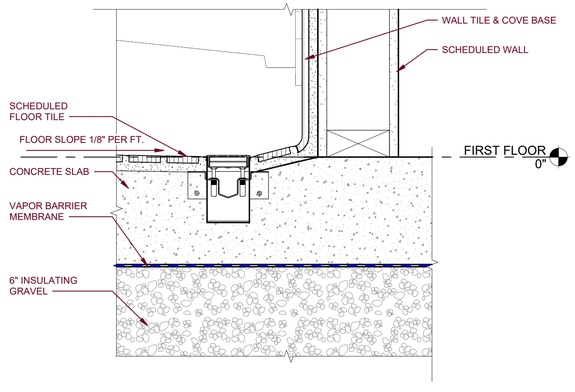
TOILET ACCESSORIES

MARK	DESCRIPTION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	COMMENTS
1	TOILET PAPER DISPENSER - SURFACE MOUNTED	--	--	OWNER TO FURNISH, CONTRACTOR TO INSTALL.
2	MIRROR W/ STAINLESS STEEL CHANNEL FRAME	BOBRICK	B-2908 2436	
3	SOAP DISPENSER - SURFACE MOUNTED	--	--	OWNER TO FURNISH, CONTRACTOR TO INSTALL.
5	MENSTRUAL PRODUCT DISPOSAL	BOBRICK	B-270	
6	GRAB BARS - STRAIGHT	BOBRICK		
7	TRIMLINESERIES™ SURFACE-MOUNTED WASTE RECEPTACLE	BOBRICK	B-35639	
8	HIGH SPEED SURFACE-MOUNTED ADA COMPLIANT HAND DRYER	BRADLEY CORPORATION	2923-287401	
9	BABY CHANGING STATION	KOALA KARE	KB300-01 (GREY)	
10	FOLD DOWN BENCH	BOBRICK	B-5193	
11	ELVARI COAT / ROBE HOOK	BRADLEY CORPORATION	9B1-110000	2 IN EACH SHOWER, ONE AT CHANGING STATIONS. MOUNTED AT ADA COMPLIANT HEIGHT.
12	BENCH - ADA	SALASBURY INDUSTRIES	77781-ADAB	Wood Locker Bench with Back Support
13	UTILITY SHELF W/ 2 HOOKS 3 HOLDERS 1 DRYING ROD - 30" W	BRADLEY CORPORATION	9983	



1 ENLARGED SHOWER STALL PLAN

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



2 TRENCH DRAIN DETAIL AT WALL

SCALE: 3" = 1'-0"

GENERAL INTERIOR ELEVATION NOTES

1. REFER TO THE G-SHEETS FOR ADDITIONAL ACCESSIBLE DETAILS, DIMENSIONS, MOUNTING HEIGHTS, AND INFORMATION.
2. REFER TO FINISH SCHEDULE FOR FINISHES.

GENERAL PLAN NOTES

1. REFER TO WALL ASSEMBLY SHEET FOR ALL WALL ASSEMBLIES.
2. ALL DIMENSIONS ARE TO FACE OF STUD U.N.O.
3. VERIFY DIMENSIONS PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR IN WRITING BEFORE CONTINUING WORK.
4. REFER TO WINDOW ELEVATIONS FOR WINDOW OPENINGS.
5. REFER TO DOOR SCHEDULE FOR DOOR AND FRAME INFORMATION.
6. REFER TO FIRE LIFE SAFETY PLANS FOR FIRE EXTINGUISHER LOCATIONS. CONTRACTOR TO PROVIDE CABINETS WHERE FIRE EXTINGUISHERS ARE LOCATED PER FIRE LIFE SAFETY PLANS.
7. REFER TO G-SHEETS FOR ACCESSIBLE DETAILS, CLEARANCES, AND ADDITIONAL INFORMATION.

GENERAL NOTE:

1. THE GENERAL CONTRACTOR (GCW) IS RESPONSIBLE FOR ALL WORK SHOWN ON PLAN, UNLESS NOTED OTHERWISE

0' 1' 2' 4' 6'

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

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New York State Parks, Recreation and Historic Preservation

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SYRACUSE, NY 13204
beardsley architects + engineers

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SYRACUSE, NY 13204
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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
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RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
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RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

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ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
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Date: 09/11/2026

Seal and Signature

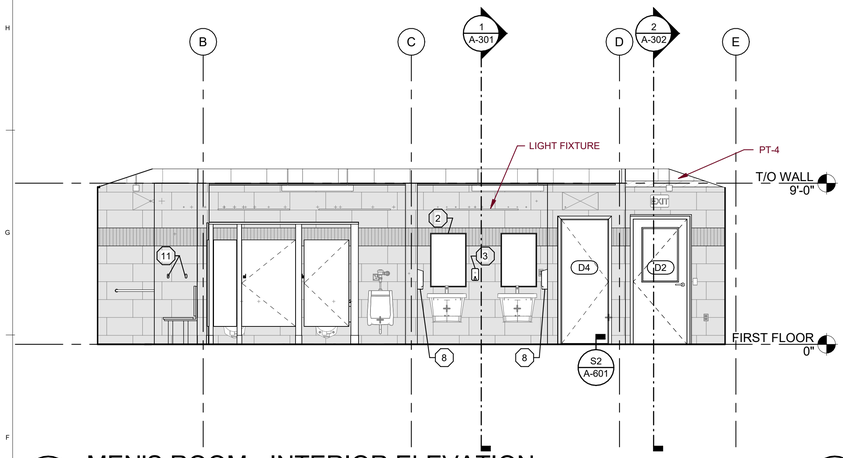
REGISTERED ARCHITECT — MARY HALPERN — 022493 — STATE OF NEW YORK — Exp. 09/30/2026

Sheet Title:
ENLARGED PLANS

Drawing Number:
A-401

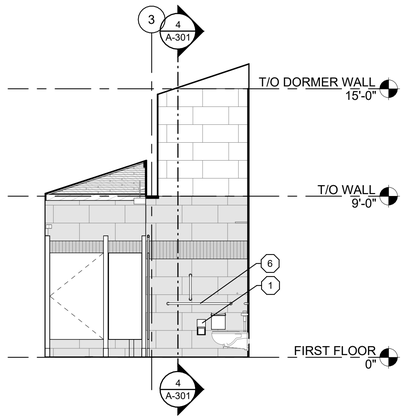
Project Number: 26007

Sheet: Page 31 of 52



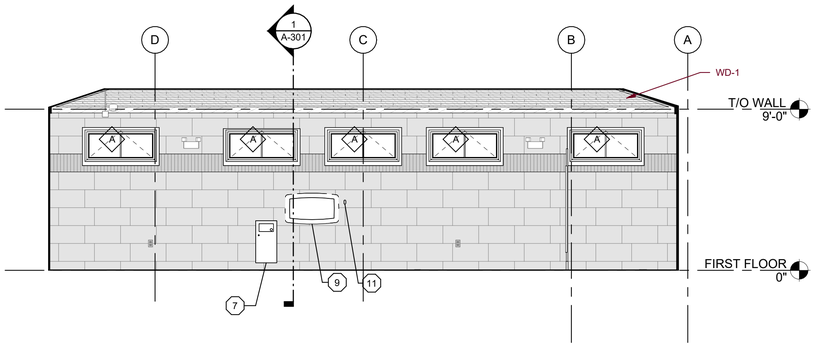
1 MEN'S ROOM - INTERIOR ELEVATION

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



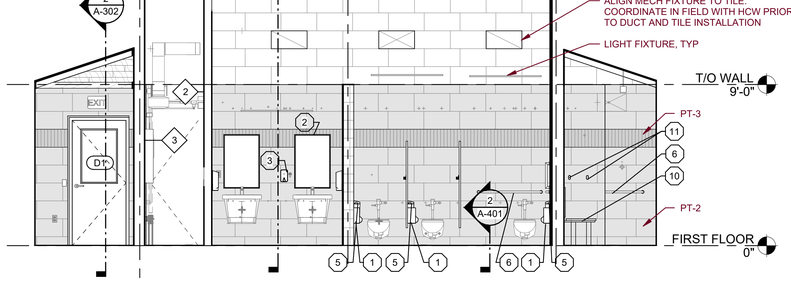
2 MEN'S ROOM - INTERIOR ELEVATION

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



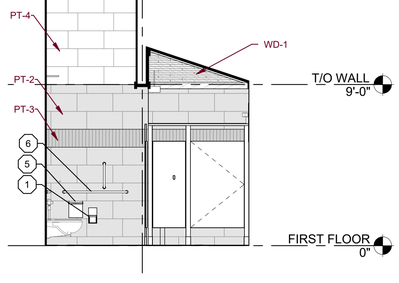
3 MEN'S ROOM - INTERIOR ELEVATION

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



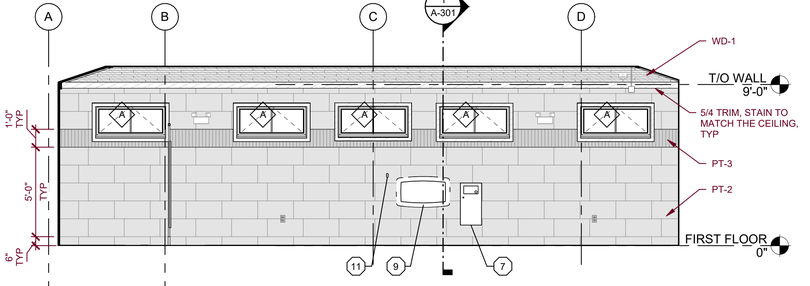
4 WOMEN'S ROOM - INTERIOR ELEVATION

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



5 WOMEN'S ROOM - INTERIOR ELEVATION

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



6 WOMEN'S ROOM - INTERIOR ELEVATION

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

TOILET ACCESSORIES

MARK	DESCRIPTION	BASIS OF DESIGN		COMMENTS
		MANUFACTURER	MODEL	
1	TOILET PAPER DISPENSER - SURFACE MOUNTED	--	--	OWNER TO FURNISH, CONTRACTOR TO INSTALL.
2	MIRROR W/ STAINLESS STEEL CHANNEL FRAME	BOBRICK	B-2908 2436	
3	SOAP DISPENSER - SURFACE MOUNTED	--	--	OWNER TO FURNISH, CONTRACTOR TO INSTALL.
5	MENSTRUAL PRODUCT DISPOSAL	BOBRICK	B-270	
6	GRAB BARS - STRAIGHT	BOBRICK		
7	TRIMLINESERIES™ SURFACE-MOUNTED WASTE RECEPTACLE	BOBRICK	B-35639	
8	HIGH SPEED SURFACE-MOUNTED ADA COMPLIANT HAND DRYER	BRADLEY CORPORATION	2923-287401	
9	BABY CHANGING STATION	KOALA KARE	KB300-01 (GREY)	
10	FOLD DOWN BENCH	BOBRICK	B-5193	
11	ELVARI COAT / ROBE HOOK	BRADLEY CORPORATION	9B1-110000	2 IN EACH SHOWER, ONE AT CHANGING STATIONS. MOUNTED AT ADA COMPLIANT HEIGHT.
12	BENCH - ADA	SALASBURY INDUSTRIES	77781-ADAB	Wood Locker Bench with Back Support
13	UTILITY SHELF W/ 2 HOOKS 3 HOLDERS 1 DRYING ROD - 30" W	BRADLEY CORPORATION	9983	

GENERAL INTERIOR ELEVATION NOTES

1. REFER TO THE G-SHEETS FOR ADDITIONAL ACCESSIBLE DETAILS, DIMENSIONS, MOUNTING HEIGHTS, AND INFORMATION.
2. REFER TO FINISH SCHEDULE FOR FINISHES.

GENERAL PLAN NOTES

1. REFER TO WALL ASSEMBLY SHEET FOR ALL WALL ASSEMBLIES.
2. ALL DIMENSIONS ARE TO FACE OF STUD U.N.O.
3. VERIFY DIMENSIONS PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR IN WRITING BEFORE CONTINUING WORK.
4. REFER TO WINDOW ELEVATIONS FOR WINDOW OPENINGS.
5. REFER TO DOOR SCHEDULE FOR DOOR AND FRAME INFORMATION.
6. REFER TO FIRE LIFE SAFETY PLANS FOR FIRE EXTINGUISHER LOCATIONS. CONTRACTOR TO PROVIDE CABINETS WHERE FIRE EXTINGUISHERS ARE LOCATED PER FIRE LIFE SAFETY PLANS.
7. REFER TO G-SHEETS FOR ACCESSIBLE DETAILS, CLEARANCES, AND ADDITIONAL INFORMATION.

GENERAL NOTE:
1. THE GENERAL CONTRACTOR (GCW) IS RESPONSIBLE FOR ALL WORK SHOWN ON PLAN, UNLESS NOTED OTHERWISE

0' 2' 4' 8' 12'

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

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New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
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115 SOLAR STREET, SUITE 102
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Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV.NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

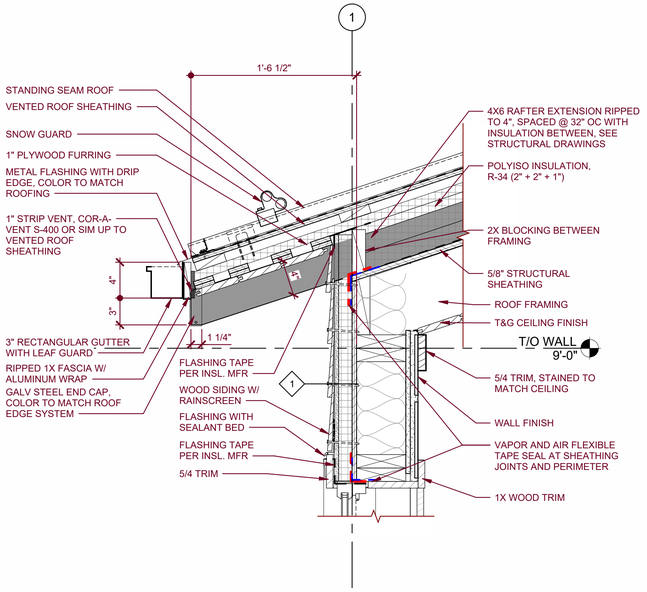
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Sheet Title:
INTERIOR ELEVATIONS

Drawing Number:
A-402

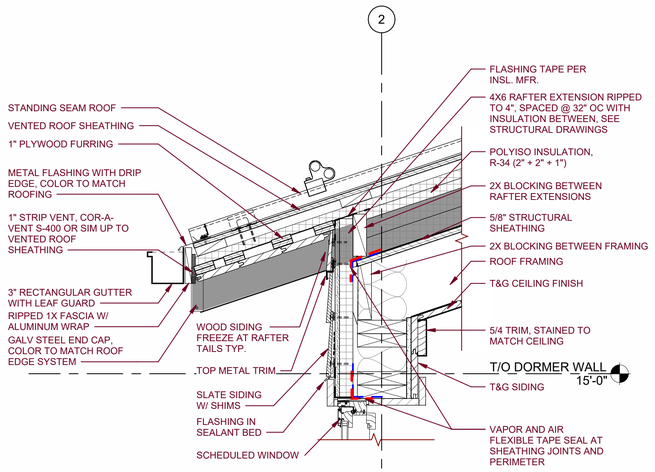
Project Number: 26007

Sheet: Page 32 of 52



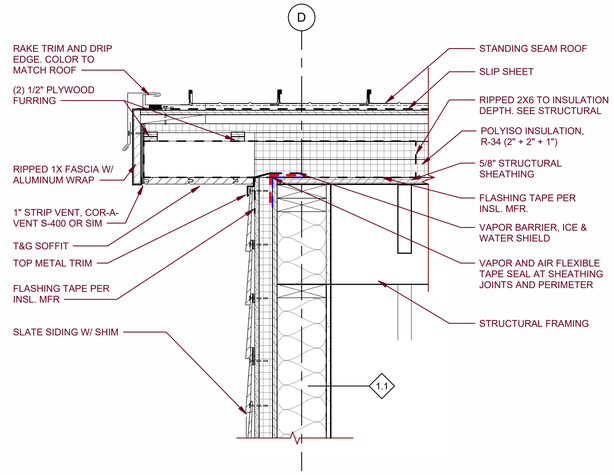
1 ROOF - WALL CONNECTION

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



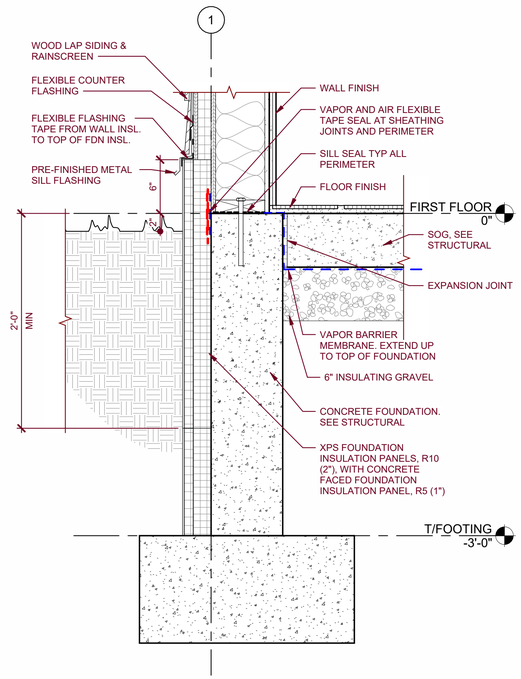
2 CUPOLA ROOF - WALL CONNECTION

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



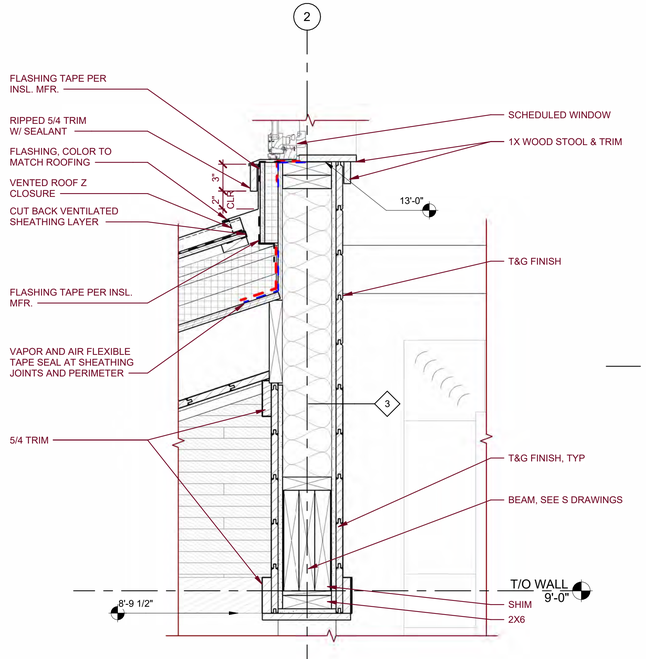
3 RAKE DETAIL

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



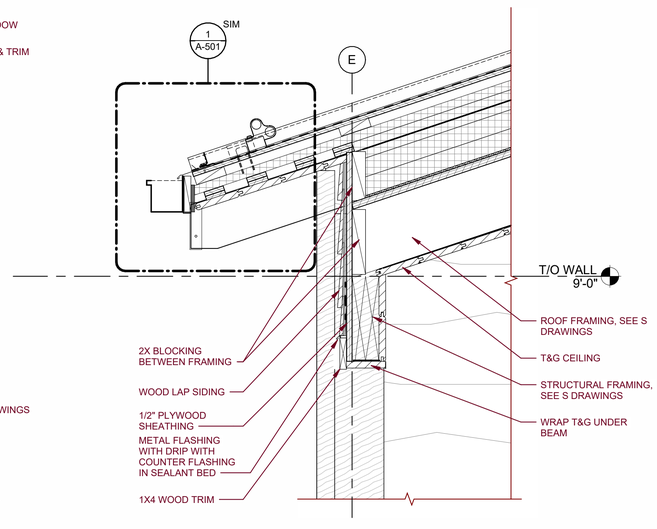
4 TYP FOUNDATION DETAIL

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



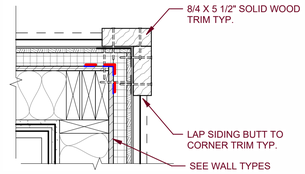
5 ROOF - DORMER WALL CONNECTION

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



6 ROOF OVERHANG DETAIL

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



7 CORNER TRIM DETAIL

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

GENERAL NOTE:

1. THE GENERAL CONTRACTOR (GCW) IS RESPONSIBLE FOR ALL WORK SHOWN ON PLAN, UNLESS NOTED OTHERWISE

0' 3" 6" 1' 1'-6" 2'

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

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Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT — MARY HAUPRIN — 022403 — STATE OF NEW YORK — Exp. 09/30/2026

Sheet Title:
EXTERIOR DETAILS

Drawing Number:
A-501

Project Number: 26007

Sheet: Page 33 of 52

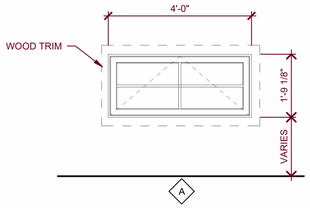
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DOOR AND FRAME SCHEDULE

MARK	DOOR ELEVATION	DOOR W	DOOR H	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	FRAME ELEVATION	FRAME MATERIAL	FRAME FINISH	FRAME GLAZING	DETAILS H	DETAILS J	DETAILS S	FIRE RATING	SMOKE CONTROL	TEMPERATURE RISE	ELECTRIC HOLD OPEN	HARDWARE GROUP	COMMENTS	MARK
FIRST FLOOR																				
D1	D1	3'-0"	7'-0"	FRP	MFR	A	F	FRP	MFR	-	H1	J1	S1	-	-	-	-	1	CLOSER WITH HOLD OPEN	D1
D2	D1	3'-0"	7'-0"	FRP	MFR	A	F	FRP	MFR	-	H1	J1	S1	-	-	-	-	1	CLOSER WITH HOLD OPEN	D2
D3	D2	2'-8"	7'-0"	FRP	MFR	-	F	FRP	MFR	-	H2	J2	2S	-	-	-	-	3		D3
D4	D2	2'-8"	7'-0"	FRP	MFR	-	F	FRP	MFR	-	H2	J2	S2	-	-	-	-	3		D4
S1	S	3'-0"	7'-0"	AL	STAIN	-	MFR	AL	MFR	-	H1	J2	S1	-	-	-	-	2	BOD: PCA WESTMORE	S1
S2	S	3'-0"	7'-0"	AL	STAIN	-	MFR	AL	MFR	-	H1	J2	S1	-	-	-	-	2	BOD: PCA WESTMORE	S2

DOOR HARDWARE GROUPS

ITEM	QTY	MFR	MODEL	REMARKS
GROUP 1				
HINGE	3	STANLEY	FBB191(32)	
LOCKSET (CLASSROOM)	1	SCHLAGE	L9070P 07N 626	W/ CYLINDER
CLOSER	1	CORBIN RUSSWIN	DC3210 688F95X188F41	WITH HOLD OPEN
GASKET	1 SET	DHSI	105 CUSH-N-SEAL	
WALL STOP	1	ROCKWOOD	426 US32D	
MOP PLATE	2	ROCKWOOD	K1050 US32D	
THRESHOLD	1	PEMKO	MODULAR 254X2555X2555	VERIFY EXACT LOCATION IN FIELD WITH TILE TERMINATION
BOTTOM SWEEP	1	PEMKO	18041_NB	
GROUP 2				
HINGE	1	MFR STANDARD	PIANO HINGE	
PUSH BAR	2	ROCKWOOD	40-PB	INTERIOR AND EXTERIOR. COLOR TO MATCH DOOR
BOTTOM SWEEP	1	MFR STANDARD	WOOL	
CLOSER	1	MFR STANDARD	IN-SWING CLOSER	
HANDLE	1	MFR STANDARD	ADA COMPLIANT EZ PULL	
GROUP 3				
HINGE	3	STANLEY	FBB191(32)	
LOCKSET (STOREROOM)	1	SCHLAGE	L9080P 03 626	
CLOSER	1	CORBIN RUSSWIN	DC3210 688F95X188F41	
GASKET	1 SET	DHSI	105 CUSH-N-SEAL	
WALL STOP	1	ROCKWOOD	426 US32D	
MOP PLATE	1	ROCKWOOD	K1050 US32D	PUSH SIDE ONLY



BOD: MARVIN ULTIMATE AWNING PUSH OUT - NARROW FRAME

GLAZING TYPE LEGEND

(#) = GLAZING TYPE

(A) TEMPERED, INSULATED, SAFETY GLASS, LOW-E2, ARGON FILLED

DOOR GENERAL NOTES

A. THESE NOTES APPLY TO ALL OPENINGS AFFECTED BY "THE WORK" UNLESS NOTED OTHERWISE.

B. PROVIDE ALL DOOR, FRAME AND HARDWARE MOUNTING ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, INCLUDING BUT NOT LIMITED TO, FRAME CLIPS, SPACERS, FILLER, FASTENERS, ETC.

C. COORDINATE DOOR KEYING WITH OWNER. CORES TO BE BY GC UNLESS OTHERWISE DIRECTED.

D. VERIFY ALL SCHEDULED DOOR HANDING WITH PLAN

E. DOOR HARDWARE TO BE GRADE 1

F. ALL SCHEDULED EXTERIOR ENTRANCE DOORS TO HAVE WEATHERSTRIPPING

G. ALL DOOR THRESHOLDS SHALL BE ADA COMPLIANT. THRESHOLD SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT LATEST EDITION, AND SHALL BE A MAXIMUM OF 1/2" HIGH

H. FOR DOORS WITH CLOSER, THE SWEEP PERIOD SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH MEASURED TO THE LEADING EDGE OF THE DOOR

I. DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TIGHT MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS

J. LOCKS SHALL BE OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF ANY KEY, SPECIAL KNOWLEDGE, OR EFFORT

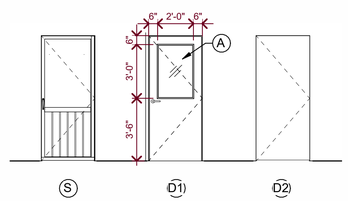
K. ALL ENTRY/EXIT DOORS TO MEET NYSBC REQUIREMENTS AND ANSI A117.1 REQUIREMENTS FOR HANDICAP ACCESSIBILITY

L. PROVIDE CONCEALED BLOCKING AT ALL WALL-MOUNTED DOOR HARDWARE IN METAL/ WOOD STUD FRAMED WALLS.

M. DOOR HARDWARE DESIGN BASIS: SMALL FORMAT, 7-PIN, REMOVABLE CORE

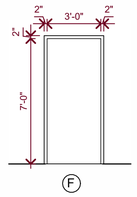
N. DOOR AND/OR FRAME FINISHES NOTED AS "MFR" SHOULD BE UNDERSTOOD TO BE FACTORY OR SHOP FINISHED BY THE MANUFACTURER FROM THEIR STANDARD LINE OF FINISHES.

O. PROVIDE CONCEALED BLOCKING IN FRAMED WALLS BEHIND ALL LOCATIONS OF WALL MOUNTED DOOR HARDWARE.



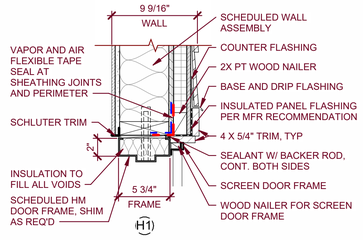
1 DOOR TYPES

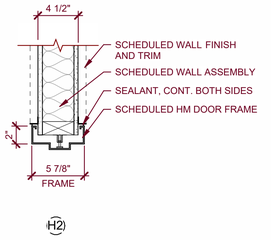
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2 FRAME TYPES

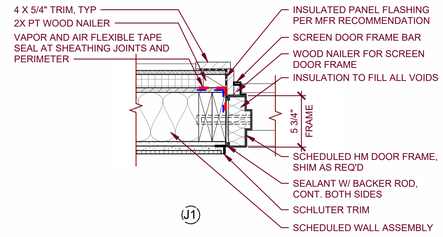
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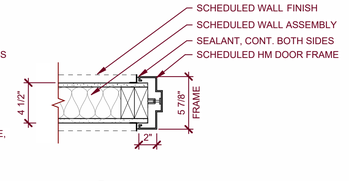




3 DOOR HEAD DETAILS

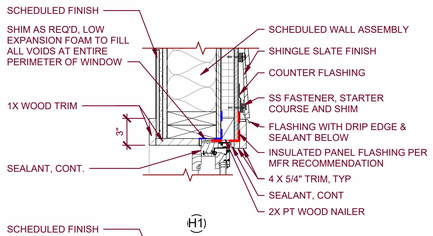
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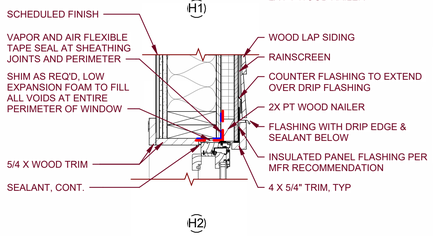


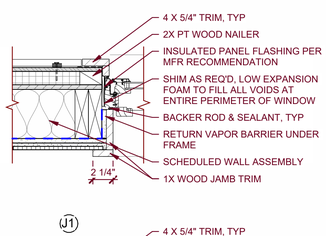


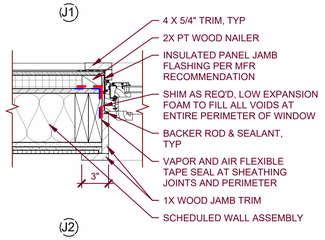
4 WINDOW TYPES

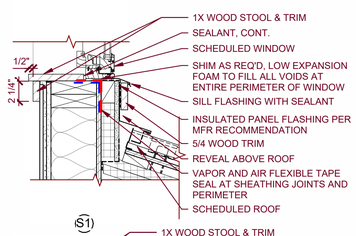
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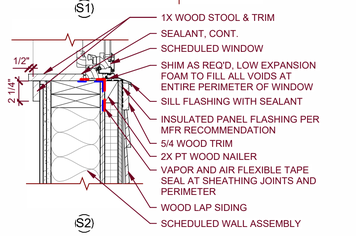






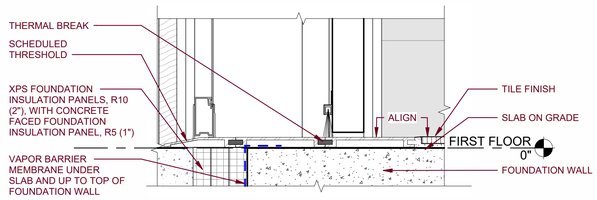






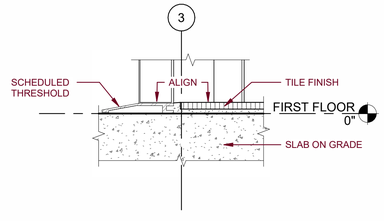
5 DOOR JAMB DETAILS

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



S1 EXTERIOR THRESHOLD DETAIL

SCALE: 3" = 1'-0"



S2 INTERIOR THRESHOLD DETAIL

SCALE: 3" = 1'-0"

GENERAL NOTE:

1. THE GENERAL CONTRACTOR (GCW) IS RESPONSIBLE FOR ALL WORK SHOWN ON PLAN, UNLESS NOTED OTHERWISE

0' 1' 2' 4' 6'

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

0' 1' 2' 4' 6'

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

6 WINDOW DETAILS

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

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ROBERT TREMAN STATE PARK
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ITHACA, NY 14850

Key Plan

REVISIONS

REV.NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT — HARRY HALPERIN — 022463 — STATE OF NEW YORK — Exp. 09/30/2028

Sheet Title:
DOOR SCHEDULE, DOOR TYPES AND FRAME TYPES

Drawing Number:
A-601

Project Number: 26007

Sheet: Page 34 of 52

9/11/2026 3:04:44 PM

FINISH MATERIAL LEGEND

APC = ACOUSTIC PANEL CEILING
RB = RUBBER BASE
WB = WOOD BASE
PTB = PORCELAIN TILE BASE
CT = CERAMIC TILE
PFT = PORCELAIN FLOOR TILE
RFT = RESILIENT FLOOR TILE
HPL = HIGH PRESSURE LAMINATE
HDPE = HIGH DENSITY POLYETHYLENE
SSM = SOLID SURFACE MATERIAL
PNT = PAINT
VWC = VINYL WALL COVERING
WD = WOOD
CPT = CARPET TILE
TS = TRANSITION STRIP
RSF = RESILIENT SHEET FLOORING

	BASIS OF DESIGN				
MARK	MANUFACTURER	DESCRIPTION / STYLE	COLOR	SIZE	COMMENTS
BASE					
PTB	CROSSVILLE	COVE BASE TRIM	HAZE	6"X12"	
CONCRETE					
CONC	-	SEALED	CLEAR		
PAINT					
PNT-2	SHERWIN WILLIAMS	SEMI-GLOSS	ROMAN COLUMN		WALLS
PNT-3	TBD				
TILE					
PT-1	CROSSVILLE	FLOOR TILE	HAZE	2"X2" MOSAIC	
PT-2	CROSSVILLE	WALL TILE	MIST	12"X24"	
PT-3	CROSSVILLE	ACCENT TILE - MOSAIC	FROST	12"X24"	
PT-4	CROSSVILLE	WALL TILE	FROST	12"X24"	
TRANSITION STRIP					
TS-1	SCHLUTER	JOLLY	BRUSHED SS		CORNERS
WOOD					
WD-1	SHERWIN WILLIAMS	NATURAL W/ CLEAR COAT	TBD		

GENERAL FINISH NOTES

A. THESE NOTES APPLY TO NEW SPACES AFFECTED BY THE WORK

B. THE ROOM FINISH SCHEDULE IS GENERAL IN NATURE, AND IS INTENDED AS A SUMMARY OF THE DESIRED FINISHES FOR EACH SPACE LISTED, BUT MAY NOT REPRESENT ALL OF THE FINISHES REQUIRED TO COMPLETE THE WORK. THE ROOM FINISH SCHEDULE AND THE REMAINDER OF THE CONSTRUCTION DOCUMENTS ARE COMPLIMENTARY, AS ADDITIONAL FINISH INFORMATION MAY BE INDICATED THROUGHOUT

C. SHOULD CONFLICTS EXIST WITHIN THE CONSTRUCTION DOCUMENTS, VERIFY INTENT WITH ARCHITECT PRIOR TO BIDDING. CLARIFICATIONS ISSUED AFTER BIDDING SHALL NOT BE BASIS FOR ADDITIONAL COMPENSATION

D. COLORS/TEXTURES INDICATED ARE THOSE OF THE BASIS-OF-DESIGN MANUFACTURER/FINISH. APPROVED SUBSTITUTIONS SHALL BE PROVIDED IN COLOR/TEXTURE MATCHING THE BASIS-OF-DESIGN, INCLUDING CUSTOM COLORS/TEXTURES, AT NO ADDITIONAL COST

E. WHERE COLORS/TEXTURES ARE NOT INDICATED, THEY SHALL BE SELECTED FROM FULL RANGE OF OPTIONS FROM BASIS-OF-DESIGN MANUFACTURER. APPROVED SUBSTITUTIONS SHALL BE PROVIDED IN COLOR/TEXTURE MATCHING THE FULL RANGE OF OPTIONS FROM BOTH THE SUBSTITUTE AND BASIS-OF-DESIGN MANUFACTURERS ' FULL RANGE OF OPTIONS, INCLUDING CUSTOM COLORS/TEXTURES, AT NO ADDITIONAL COST.

F. IT IS INTENDED THAT EXPOSED AND SEMI-EXPOSED SURFACES SHALL RECEIVE FINISH, EVEN IF NOT SPECIFICALLY INDICATED IN THE CONSTRUCTION DOCUMENTS.

G. PROVIDE PREPARATION OF SURFACES TO RECEIVE FINISH PER MANUFACTURER 'S RECOMMENDATIONS, UNLESS OTHERWISE INDICATED.

H. PAINT WALLS PNT-2 UNLESS OTHERWISE INDICATED, OR DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE

I. PAINT HM DOORS AND FRAMES PNT-3 UNLESS OTHERWISE INDICATED, OR DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE

J. PAINT EXPOSED STRUCTURAL ELEMENTS AND EXPOSED MISCELLANEOUS METALS EMBEDDED IN WALLS TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED

K. PAINT EXPOSED WOOD GROUNDS, BACKERS, FILLERS, SPACERS AND OTHER UNFINISHED COMPONENTS ASSOCIATED WITH INSTALLATION OF EQUIPMENT OR ACCESSORIES TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED

L. PAINT EXPOSED UNFINISHED PIPING, CONDUITS, JUNCTION BOXES, ETC. TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED

M. WHERE HVAC GRILLES AND REGISTERS ARE INSTALLED IN WALLS OF DISSIMILAR COLOR, PAINT TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED

N. IT IS INTENDED THAT ALL NEW WINDOWS HAVE FINISHED STOOLS. WHERE STOOL FINISH IS NOT INDICATED, PROVIDE WD-1

O. FLOOR FINISH SHALL CONTINUE UNDER OPEN BASE CASEWORK/MILLWORK AND OPEN COUNTERS

P. IN SPACES WITH CLOSETS, ALCOVES OR SIMILAR ANCILLARY AREAS, FLOOR FINISH SHALL CONTINUE INTO THOSE AREAS UNLESS OTHERWISE INDICATED

Q. PROVIDE NEW BASE WHEREVER NEW FLOORING IS INSTALLED: PTB-1 UNLESS OTHERWISE INDICATED

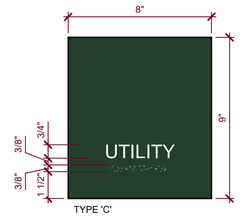
R. PROVIDE SEALANT WHERE COUNTERS/BACKSPLASHES MEET OTHER CONSTRUCTION, AFTER PAINTING IS COMPLETE: TYPE AND COLOR TO BE SELECTED BY ARCHITECT

S. FLOOR FINISH TRANSITIONS SHALL OCCUR AT FACE OF DOOR AT FRAME STOPS. AT TRANSITIONS BETWEEN MATERIALS OF UNEVEN THICKNESS, HIGH SIDE OF TRANSITION SHALL BE INSTALLED AT FACE OF DOOR AT FRAME STOPS. AT AMBIGUOUS CONDITIONS VERIFY INTENT WITH ARCHITECT PRIOR TO FLOORING INSTALLATION

ROOM FINISH SCHEDULE

'S' IN HEADING = SUBSTRATE
'F' IN HEADING = FINISH

		FLOOR		WALLS													
				BASE		NORTH		SOUTH		EAST		WEST					
ROOM NO.	ROOM NAME	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	FIXT / ACC MARK	COMMENTS / ROOM FINISHED SCHEDULE KEYED NOTES	ROOM NO.
FIRST FLOOR																
102	WOMEN'S	CONC	PT-1	CEMENT BOARD/GWB	PT-2	CEMENT BOARD/GWB	PT-2	CEMENT BOARD/GWB	PT-2	CEMENT BOARD/GWB	PT-2	CEMENT BOARD/GWB	PT-2			102
103	MEN'S	CONC	PT-1	CEMENT BOARD/GWB	PT-2	CEMENT BOARD/GWB	PT-2	CEMENT BOARD/GWB	PT-2	CEMENT BOARD/GWB	PT-2	CEMENT BOARD/GWB	PT-2			103
104	MECH.	CONC	SEALED	GWB	PNT2	GWB	PNT2	GWB	PNT2	GWB	PNT2	GWB	PNT2			104

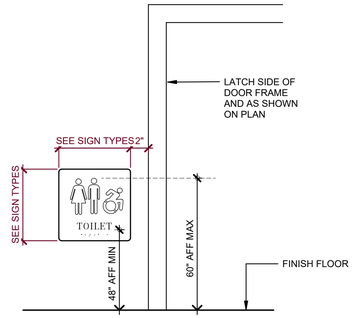


TYPE 'C'

SIGNS SHALL BE MOHAWK SIGN SYSTEM OR EQUAL - ADA REGULATORY SYMBOL SIGNS W/ RAISED TEXT, PICTOGRAMS, GRADE 2 BRAILLE AND CONTRASTING COLORS, COLOR OF COPY BY DIRECTOR'S REPRESENTATIVE, BACKGROUND COLOR BY DIRECTOR'S REPRESENTATIVE, HELVETICA MEDIUM UPPER CASE LETTERS (SIZE AS INDICATED) FOLLOWED BY GRADE 2 BRAILLE. MOUNT USING ADHESIVE OR APPROVED METHOD BY DIRECTOR'S REPRESENTATIVE, AND DIMENSIONAL EXTERIOR MOUNTING METHODS AS REQUIRED. SIGNS BACKGROUND, COLOR, AND SIZE TO MEET ANSI A117.1 PARA 703.2.2 AND 703.6.2. PICTOGRAM TYPE SIGNAGE TO BE MOUNTED ON DOORS SHALL MEET REQUIREMENTS PER ANSI A117.1

1 TYPICAL SIGNAGE TYPES

SCALE: 3" = 1'-0"



NOTES:

1. SIGNS WITH TACTILE CHARACTERS SHALL COMPLY WITH ARCHITECTURAL BARRIERS ACT 703.4.1
2. SIGN ABOVE IS FOR MOUNTING HEIGHT REFERENCE ONLY. SEE SIGNAGE PLAN AND SIGN TYPES FOR INTENDED SIGN

2 TYPICAL SIGN MOUNTING HEIGHTS

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

GENERAL NOTE:
1. THE GENERAL CONTRACTOR (GCW) IS RESPONSIBLE FOR ALL WORK SHOWN ON PLAN, UNLESS NOTED OTHERWISE

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
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BEARDSLEY ARCHITECTS + ENGINEERS
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beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
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District: MID STATE
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Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: BNV
Design By: BNV
Checked By: ADC
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT BRADY M. CUNNINGHAM 022463 STATE OF NEW YORK
Exp. 09/30/2028

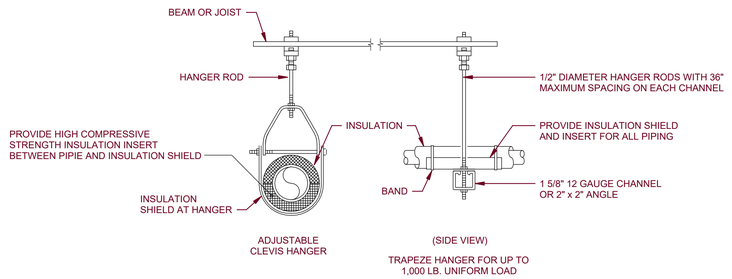
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ROOM FINISH SCHEDULE

Drawing Number:
A-605

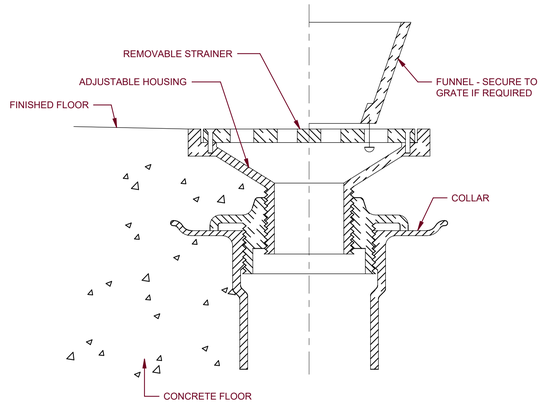
Project Number: 26007

Sheet: Page 35 of 52

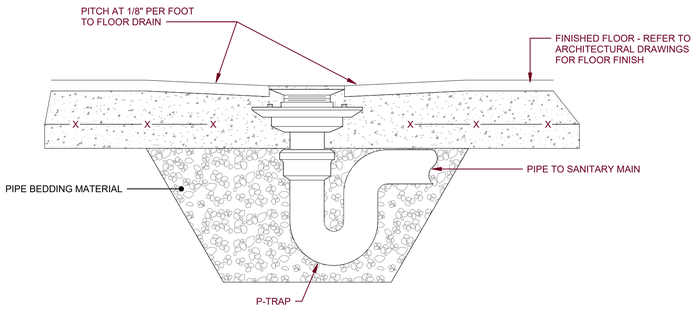
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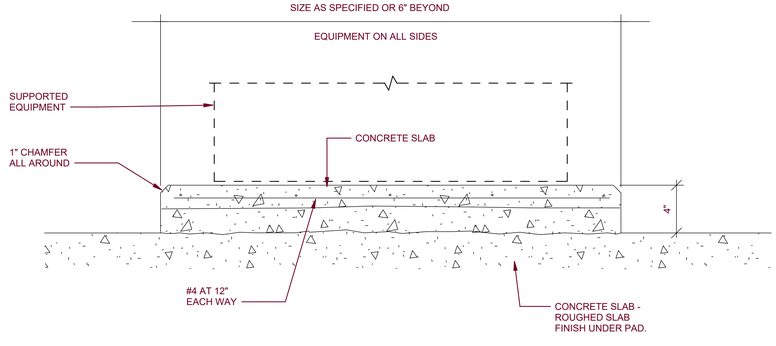
1 TYPICAL PIPE HANGER DETAIL
SCALE: NOT TO SCALE



2 TYPICAL FLOOR DRAIN DETAIL
SCALE: NOT TO SCALE



3 TYPICAL FLOOR DRAIN IN CONCRETE FLOOR DETAIL
SCALE: NOT TO SCALE



4 TYPICAL HOUSEKEEPING PAD DETAIL
SCALE: NOT TO SCALE

PLUMBING ABBREVIATIONS

-A-	
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISH FLOOR
AFWH	ANTI FREEZE WALL HYDRANT
AR	ACID RESISTING
-B-	
BFF	BELOW FINISH FLOOR
BP	BOOSTER PUMP
-C-	
CLG	CEILING
CO	CLEAN OUT
CW	DOMESTIC COLD WATER
-D-	
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
-E-	
EW	EYE WASH / EACH WAY
EWC	ELECTRIC WATER COOLER
-F-	
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
FPCO	FLOOR PLATE CLEAN OUT
FT	FEET OR FOOT
-H-	
HB	HOSE BIBB
HP	HORSEPOWER
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RECIRC
-I-	
IN	INCH
INV	INVERT
-L-	
LAV	LAVATORY
LI	LINT INTERCEPTOR
LP	LIQUIFIED PETEROLEUM
LS	LAUNDRY SUPPLY
-M-	
MS	MOP SINK
-N-	
NG	NATURAL GAS
-P-	
PH	PHASE
PT	PRESSURE TANK
-R-	
RP	REDUCED PRESSURE ZONE
-S-	
SAN	SANITARY
SH	SHOWER
SK	SINK
SP	SUMP PUMP
-T-	
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TYP	TYPICAL
-U-	
UR	URINAL
US	UTILITY SINK
-V-	
V	VENT
VTR	VENT THRU ROOF
-W-	
WB	WALL OUTLET BOX
WC	WATER CLOSET
WH	WATER HEATER
WPCO	WALL PLATE CLEANOUT

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
	BALANCING VALVE
	BACKFLOW PREVENTER
	CHECK VALVE
	PRESSURE REDUCING VALVE
	SHUT OFF VALVE
	UNION
	REMOVE TO POINT AND CAP
	REMOVE TO POINT FOR RECONNECTION
	SHOWER HEAD
	GAS COCK / PLUG VALVE
	DIRECTION OF FLOW
	REDUCER AND/OR INCREASER
	BALL VALVE
	BUTTERFLY VALVE
	GATE VALVE
	GLOBE VALVE
S	SOLENOID VALVE
	NATURAL GAS PRESSURE REGULATOR
	KITCHEN EQUIPMENT
FPCO	FLOOR PLATE CLEANOUT (FPCO) OR AT GRADE (GCO)
CO	YARD CLEANOUT OR CLEANOUT TO GRADE
CO	CLEANOUT IN SUSPENDED PIPE
WPCO	WALL PLATE CLEANOUT
	FLOOR DRAIN WITH DEEP SEAL P-TRAP
	FLOOR SINK WITH DEEP SEAL P-TRAP
	PIPE BRANCH TAKE-OFF FROM BOTTOM
	PIPE BRANCH TAKE-OFF FROM TOP
	PIPE DROP
	PIPE RISE
	ROOF DRAIN/SANITARY VENT
	POINT OF CONNECTION (CONNECT TO EXISTING)
	POINT OF DISCONNECT (REMOVE TO POINT)
ST	ROOF DRAIN ABOVE
V	VENT THRU ROOF
HB	HOSE BIBB
AFWH	ANTIFREEZE WALL HYDRANT
	MEDICAL GAS OUTLET (O2, N, VAC, ETC.)
	HOSE VALVE
RV	PRESSURE-RELIEF VALVE
TPV	TEMPERATURE PRESSURE-RELIEF VALVE
	STRAINER
	PIPE ANCHOR
	PIPE GUIDE
	FLEXIBLE CONNECTOR
F S	FLOW SWITCH
PS	PRESSURE SWITCH
SA-(A-F)	WATER HAMMER / SHOCK ARRESTER
	PRESSURE GAUGE WITH GAUGE COCK
	THERMOMETER
AV	AUTOMATIC AIR VENT
	PITCH UP OR DOWN IN DIRECTION OF ARROW
	INLINE PUMP
0.0	BALANCING VALVE FLOW RATE (GPM)

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
CA	COMPRESSED AIR PIPING
AV	ACID VENT PIPING
AW	ACID WASTE PIPING
CO2	CARBON DIOXIDE PIPING
C	COLD WATER PIPING
D	INDIRECT DRAIN
DE	DEIONIZED WATER PIPING
DI	DISTILLED WATER PIPING
NG	NATURAL GAS PIPING
MG	NATURAL GAS PIPING: MEDIUM PRESSURE
HG	NATURAL GAS PIPING: HIGH PRESSURE
GV	GAS VENT
H	HOT WATER PIPING (____°F)
MA	MEDICAL AIR PIPING
MAI	MEDICAL AIR INTAKE PIPING
MV	MEDICAL VACUUM PIPING
MVD	MEDICAL VACUUM DISCHARGE PIPING
N	NITROGEN PIPING (N2)?
NO	NITROUS OXIDE PIPING (N2O)?
O	OXYGEN PIPING
OST	OVERFLOW STORM PIPING
PA	PROCESS AIR PIPING
PD	PUMP DISCHARGE PIPING
PW	PURIFIED WATER PIPING
R	RECIRCULATING HOT WATER PIPING
SAN	SANITARY SEWER (ABOVE GROUND)
SAN	SANITARY SEWER (UNDERGROUND/UNDERFLOOR)
ST	STORM SEWER (ABOVE GROUND)
ST	STORM SEWER (UNDERGROUND/UNDERFLOOR)
TW	TEMPERED WATER PIPING
TWR	TEMPERED WATER RECIRCULATING PIPING
V	VENT PIPING
WAGD	WASTE ANESTHETIC GAS DISPOSAL
140° H	140°F HOT WATER PIPING
140° RH	140°F RECIRCULATING HOT WATER PIPING
120° H	120°F HOT WATER PIPING
120° RH	120°F RECIRCULATING HOT WATER PIPING
160° H	160°F HOT WATER PIPING
160° RH	160°F RECIRCULATING HOT WATER PIPING
180° H	180°F HOT WATER PIPING
180° RH	180°F RECIRCULATING HOT WATER PIPING
W	SITE WATER PIPING
CD	CONDENSATE DRAIN
PCD	PUMPED AC CONDENSATE DRAIN
FOR	FUEL OIL PIPING RETURN
FOS	FUEL OIL PIPING SUPPLY
FOV	FUEL OIL PIPING VENT
TPF	TRAP PRIMER FEEDER
SWR	SOLAR WATER RETURN
SWS	SOLAR WATER SUPPLY
SW	SOFTENED WATER PIPING
RO	REVERSE OSMOSIS WATER
LS	LAWN SPRINKLER SUPPLY
LO	LUBRICATING OIL
LOV	LUBRICATING OIL VENT
WO	WASTE OIL
WOV	WASTE OIL VENT
LO2	LIQUID OXYGEN
LA	LABORATORY COMPRESSED AIR
VAC	VACUUM
SV	SURGICAL VACUUM
LV	LABORATORY VACUUM
NPCW	NONPOTABLE COLD WATER
NPHW	NONPOTABLE HOT WATER
NPHWR	NONPOTABLE HOT WATER RETURN
FM	FORCE MAIN
LP	LIQUIFIED PETROLEUM GAS

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: NBS
Design By: DJW
Checked By: JRM
Approved By: -
Date: 09/11/2026

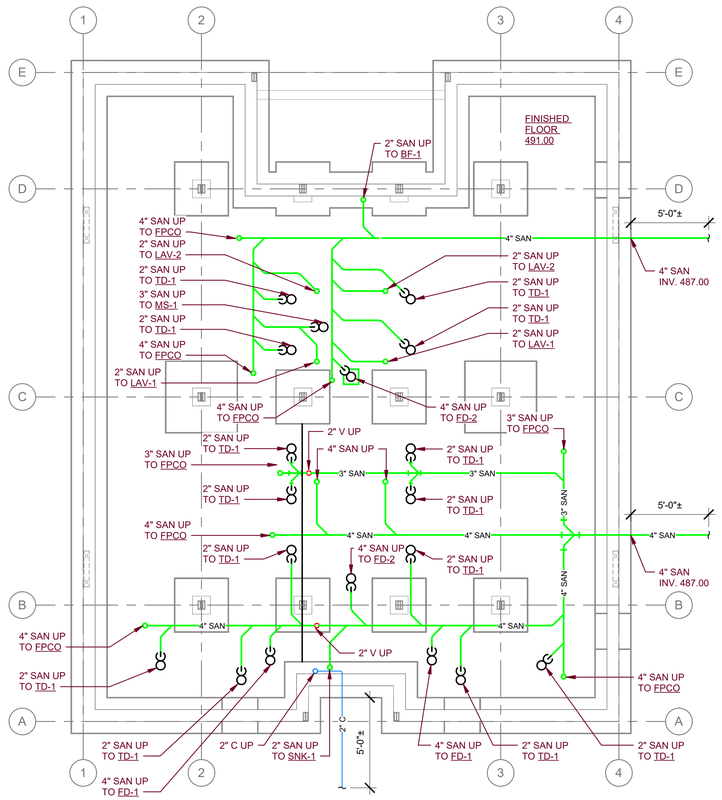
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Exp. 09/30/2028

Sheet Title:
SYMBOLS AND ABBREVIATIONS

Drawing Number:
P-001

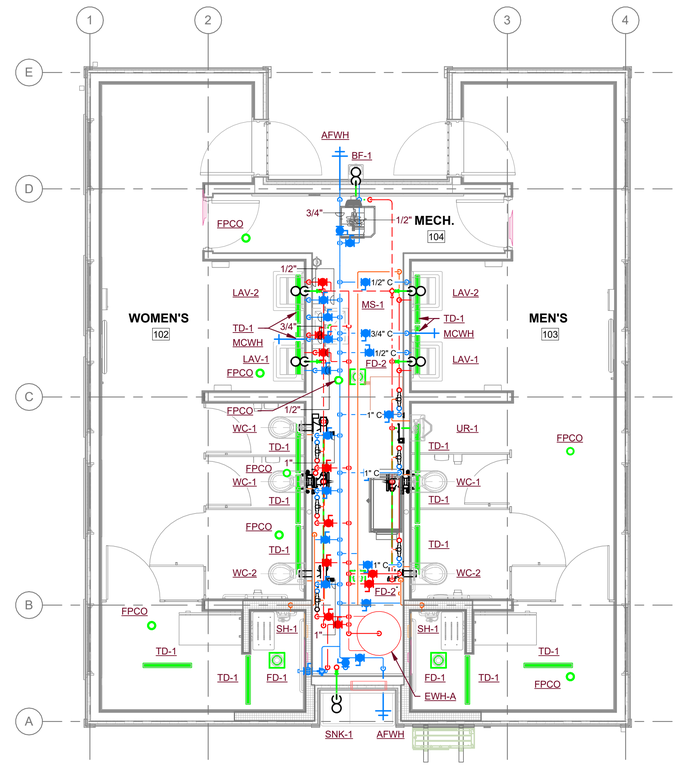
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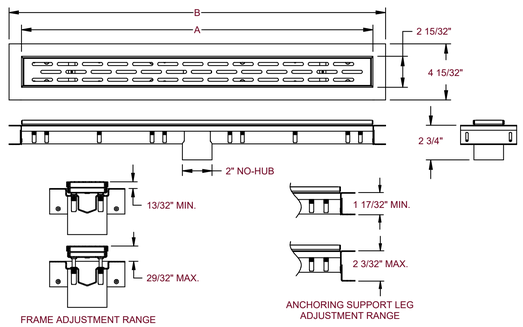
A PLUMBING FOUNDATION PLAN

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



B FIRST FLOOR PLAN

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



DIMENSIONS IN INCHES			APPROX. WT. LBS.	GRATE OPEN AREA SQ. IN.
PRODUCT DESIGNATION	A	B		
-12	12	14	2.9	6
-28	28	30	5.4	15
-32	32	34	5.9	18
-36	36	38	6.4	20
-40	40	42	7.2	22
-48	48	50	8.4	27
-60	60	62	10.3	34
-72	72	74	12.4	41

1 TYPICAL TRENCH DRAIN DETAIL

SCALE: NOT TO SCALE

GENERAL NOTES:

1. MAINTAIN 3'-0" CLEARANCE IN FRONT OF ALL DOMESTIC WATER SYSTEM PIPING COMPONENTS, AND ELECTRICAL DISTRIBUTION PANELS.
2. COORDINATE ELECTRICAL, MECHANICAL, AND PLUMBING TRADES. DO NOT LOCATE PIPING OR DUCTWORK ABOVE ELECTRICAL DISTRIBUTION PANELS, WITHIN 6'-0" ABOVE THE TOP OF THE PANEL (OR TO STRUCTURAL CEILING, WHICHEVER IS LOWER).
3. EACH TRADE SHALL COORDINATE ALL VERTICAL AND HORIZONTAL RUNS WITH GENERAL CONTRACTOR PRIOR TO FRAMING. 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 DESIGN PROFESSIONAL.
4. ALL WORK ON THIS DRAWING SHALL BE PERFORMED BY THE PLUMBING CONTRACTOR, UNLESS OTHERWISE NOTED.
5. BUILDING DOMESTIC WATER SYSTEM SHALL BE INSTALLED TO FACILITATE DRAINAGE IN THE EVENT THAT THE NYSORPH NEEDS TO SHUT DOWN THE HEATING SYSTEM. HORIZONTAL PIPING SHALL HAVE CONSISTENT SLOPE DOWNWARDS FROM MANUAL VENTS & BLOW-DOWN STATIONS TOWARDS DRAINS.
6. ADD ADDITIONAL DRAIN VALVES AS NEEDED TO FACILITATE DRAINING SYSTEM.
7. PLUMBING CONTRACTOR TO INSTALL BUILDING SEWERS, BUILDING DOMESTIC WATER SERVICE AND DOMESTIC WATER SERVICE TO EXTERIOR SITE DEVICES TO 5'-0" OUTSIDE THE BUILDING FOUNDATION. THE GENERAL CONTRACTOR TO PROVIDE BUILDING SERVICES BEYOND THAT POINT. COORDINATE LOCATION WITH SITE UTILITY PLAN C-104.

0' 2' 4' 8' 12'

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

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Key Plan

REVISIONS

REV.NO	Description	Date:

Drawn By: NBS
Design By: DJW
Checked By: JRM
Approved By: -
Date: 09/11/2026

Seal and Signature

REGISTERED ARCHITECT — JEREMY HALPRIN — 022403 — STATE OF NEW YORK
Exp. 09/30/2026

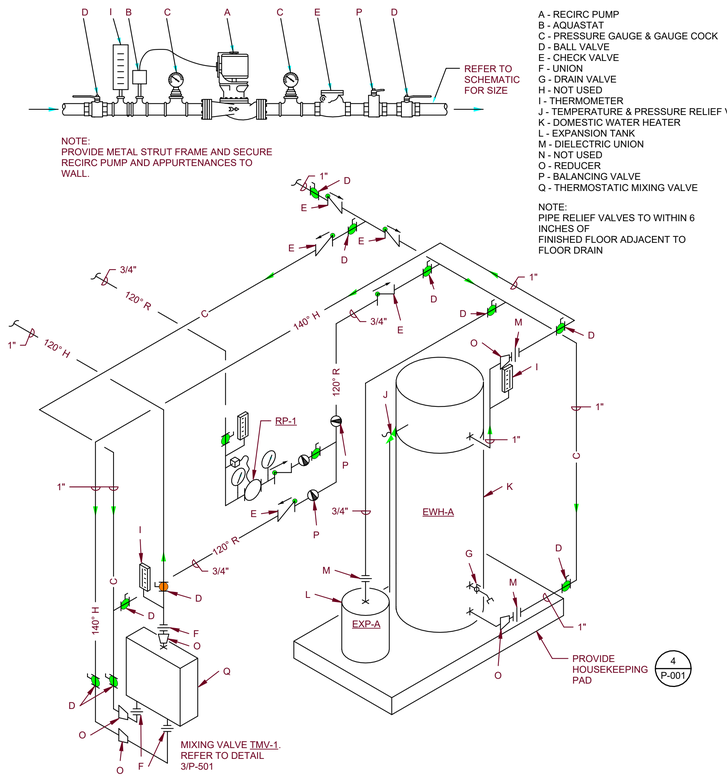
Sheet Title:
FOUNDATION & FIRST FLOOR PLANS

Drawing Number:
P-101

Project Number: 26007

Sheet: Page 37 of 52

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LEGEND

A - RECIRC PUMP
B - AQUASTAT
C - PRESSURE GAUGE & GAUGE COCK
D - BALL VALVE
E - CHECK VALVE
F - UNION
G - DRAIN VALVE
H - NOT USED
I - THERMOMETER
J - TEMPERATURE & PRESSURE RELIEF VALVE
K - DOMESTIC WATER HEATER
L - EXPANSION TANK
M - DIELECTRIC UNION
N - NOT USED
O - REDUCER
P - BALANCING VALVE
Q - THERMOSTATIC MIXING VALVE

NOTE:
PIPE RELIEF VALVES TO WITHIN 6 INCHES OF FINISHED FLOOR ADJACENT TO FLOOR DRAIN

1 WATER HEATER SCHEMATIC
SCALE: NOT TO SCALE

DOMESTIC HOT WATER HEATING SYSTEM GENERAL NOTES:

1. NOT USED
2. PROVIDE DISCONNECT SWITCH FOR EACH HEATER. PROVIDE DISCONNECT SWITCH FOR EACH PIECE OF EQUIPMENT.
3. PROVIDE START-UP SERVICE & BALANCING OF DOMESTIC HOT WATER SYSTEM FROM A QUALIFIED FACTORY REPRESENTATIVE AND PROVIDE A LETTER TO THE OWNER NOTIFYING THAT THIS SERVICE HAS BEEN COMPLETED.
4. ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTED STANDARDS.
5. ALL COMPONENT PARTS FOR THE HOT WATER HEATING SYSTEM MUST BE SUPPLIED BY THE SAME MANUFACTURER / SUPPLIER. THIS SHALL INCLUDE ALL THERMOMETERS, TANKS, CONTROLS, RELIEF VALVES, CIRCULATORS, SAFETY FLOW SWITCH'S, ETC. REFER TO DETAIL ON DRAWING.
6. SET EACH WATER HEATER LEVEL, SHIM AS REQUIRED.
7. ALL TEMPERATURES SHOWN ARE IN DEGREES FAHRENHEIT.
8. CHARGE EXPANSION TANK TO MATCH SYSTEM PRESSURE IN THE FIELD.
9. PROVIDE 24 HOUR / 7 DAY TIMER FOR RECIRC. PUMP TO ALLOW FOR SHUT DOWN DURING PERIODS OF NON-USE.
10. PROVIDE CONTINUOUS SLOTTED METAL CHANNEL SUPPORTS ANCHORED TO WALL TO SUPPORT PUMPS AND APPURTENANCES.

THERMOSTATIC MIXING VALVE SCHEDULE

UNIT	TYPE	PRESSURE LOSS (PSI)	DESIGN FLOW (GPM)	DESIGN BASIS	NOTES
TMV-1	THERMOSTATIC	6	20	POWERS #1432	SET VALVE TO 120 F
TMV-2	THERMOSTATIC	2.5	2	POWERS #LFLM496	SET VALVE TO 103 F
TMV-3	THERMOSTATIC	3	0.5	POWERS #LFE480	SET VALVE TO 105 F
TMV-4	THERMOSTATIC	5	21	POWERS #LFMM432	SET VALVE TO 75 F

RECIRC PUMP SCHEDULE

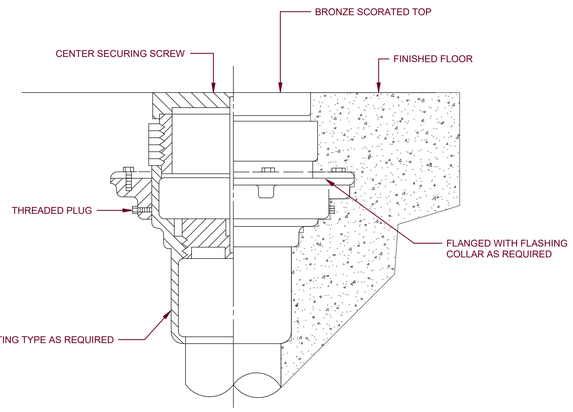
UNIT	SIZE	GPM	HEAD (FT)	ELECTRICAL DATA			DESIGN BASIS	NOTES
				HP	VOLTS	PH		
RP-1	3/4"	3	8	1/25	115	1	GRUNDFOS #ALPHA 2 15-55 SF	REFER TO SPECIFICATIONS AND DETAILS FOR ADDITIONAL COMPONENTS

EXPANSION TANK SCHEDULE

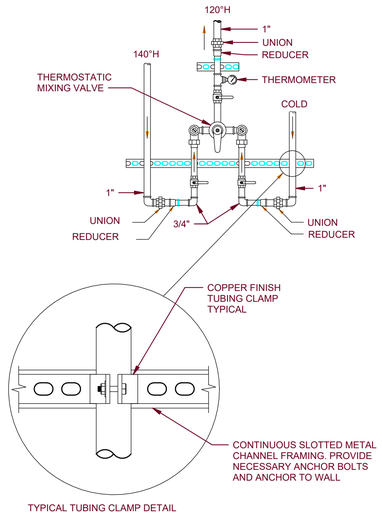
UNIT	LOCATION	SYSTEM	DIMENSIONS		TOTAL VOLUME	ACCEPT VOLUME	DESIGN BASIS
			DIAMETER	HEIGHT			
EXP-A	MECH #104	DOMESTIC HOT WATER	11"	15"	4.4 GAL	3.2 GAL	AMTROL #ST-12

BATHHOUSE ELECTRIC WATER HEATER SCHEDULE (WH)

UNIT	LOCATION	SYSTEM	RECOVERY (GAL/HR) (100°F RISE)	ELEMENT WATTAGE	DESIGN BASIS	STORAGE CAPACITY (U.S. GAL)	VOLTS (AC)	PHASE	WATER HEATER SUPPORT
EWH-A	MECH #104	DOMESTIC HOT WATER	49	12,300	LOCHINVAR #LHC-119-P-12	120	240	1	PROVIDE HOUSEKEEPING PAD



2 TYPICAL FLOOR CLEANOUT DETAIL
SCALE: NOT TO SCALE



3 THERMOSTATIC MIXING VALVE DETAIL
SCALE: NOT TO SCALE

GENERAL NOTES:

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2. COORDINATE ELECTRICAL, MECHANICAL, AND PLUMBING TRADES. DO NOT LOCATE PIPING OR DUCTWORK ABOVE ELECTRICAL DISTRIBUTION PANELS, WITHIN 6'-0" ABOVE THE TOP OF THE PANEL (OR TO STRUCTURAL CEILING, WHICHEVER IS LOWER).
3. EACH TRADE SHALL COORDINATE ALL VERTICAL AND HORIZONTAL RUNS WITH GENERAL CONTRACTOR PRIOR TO FRAMING. 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 DESIGN PROFESSIONAL.
4. ALL WORK ON THIS DRAWING SHALL BE PERFORMED BY THE PLUMBING CONTRACTOR, UNLESS OTHERWISE NOTED.
5. BUILDING DOMESTIC WATER SYSTEM SHALL BE INSTALLED TO FACILITATE DRAINAGE IN THE EVENT THAT THE NYSORPH NEEDS TO SHUT DOWN THE HEATING SYSTEM. HORIZONTAL PIPING SHALL HAVE CONSISTENT SLOPE DOWNWARDS FROM MANUAL VENTS & BLOW-DOWN STATIONS TOWARDS DRAINS.
6. ADD ADDITIONAL DRAIN VALVES AS NEEDED TO FACILITATE DRAINING SYSTEM.
7. PLUMBING CONTRACTOR TO INSTALL BUILDING SEWERS, BUILDING DOMESTIC WATER SERVICE AND DOMESTIC WATER SERVICE TO EXTERIOR SITE DEVICES TO 5'-0" OUTSIDE THE BUILDING FOUNDATION. THE GENERAL CONTRACTOR TO PROVIDE BUILDING SERVICES BEYOND THAT POINT. COORDINATE LOCATION WITH SITE UTILITY PLAN C-104.

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: NBS
Design By: DJW
Checked By: JRM
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT JERRY MURPHY 022463 STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title: DETAILS

Drawing Number: **P-501**

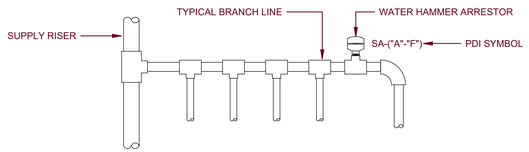
Project Number: 26007

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PLUMBING FIXTURE SCHEDULE

FIXTURE TAG	FIXTURE DESCRIPTION	MINIMUM CONNECTIONS					MOUNTING HEIGHT ABOVE FINISHED FLOOR	DESIGN BASIS	TRIM DESIGN BASIS	WATER SUPPLY DESIGN BASIS	TRAP AND DRAIN DESIGN BASIS	FIXTURE SUPPORT DESIGN BASIS	REMARKS
		TRAP	WASTE	VENT	CW	HW							
WC-1	WATER CLOSET - WALL HUNG/FLUSH VALVE	N/A	4"	2"	1"	1"	15"	AMERICAN STANDARD AFWALL #3351.101 (1.28 GPF)	FLUSH VALVE: SLOAN ROYAL #111-1.28-YO. SEAT: BENEKE #523-SS	N/A	N/A	ZURN #Z1201/Z1202 SERIES	PROVIDE TMV-4 AND 1" TEMPERED WATER TO FLUSH VALVE. PROVIDE NEOPRENE CLOSET GASKET
WC-2	WATER CLOSET - ADA WALL HUNG/FLUSH VALVE	N/A	4"	2"	1"	1"	17"	AMERICAN STANDARD AFWALL #3351.101 (1.28 GPF)	FLUSH VALVE: SLOAN ROYAL #111-1.28-YO. SEAT: BENEKE #523-SS	N/A	N/A	ZURN #Z1201/Z1202 SERIES	REFER TO PLANS FOR LEFT-HAND OR RIGHT-HAND FLUSH VALVE HANDLE LOCATION. HANDLE MUST BE ON THE WIDE SIDE OF THE FIXTURE TO COMPLY WITH ADA REQUIREMENTS. PROVIDE TMV-4 AND 1" TEMPERED WATER TO FLUSH VALVE. PROVIDE NEOPRENE CLOSET GASKET
UR-1	URINAL - ADA - WALL HUNG FLUSH VALVE	N/A	2"	1 1/2"	3/4"	N/A	17"	AMERICAN STANDARD WASHBROOK #6590.001	FLUSH VALVE: SLOAN ROYAL #186-0.125	N/A	N/A	ZURN #Z1222 SERIES	PROVIDE TMV-4 AND 1" TEMPERED WATER TO FLUSH VALVE. PROVIDE NEOPRENE CLOSET GASKET
LAV-1	LAVATORY - WALL HUNG	1 1/4" X 1 1/2"	1 1/2"	1 1/4"	1/2"	1/2"	31"	BRADLEY #GLX-1-C1 - 4" SET	CHICAGO #802-VE2805-765ABCP - HOT/COLD PUSH-BUTTON METERING	MCGUIRE #H2165LK	MCGUIRE # PW 2150 WC PRE-WRAPPED OFFSET GRID DRAIN AND SUPPLY COVERS	BRADLEY #S17-391 (1-STATION WALL LAV CARRIER)	PROVIDE TMV-3 ASSE 1070 MIXING VALVE BELOW EACH LAVATORY. SEE DETAIL
LAV-2	LAVATORY - ADA WALL HUNG	1 1/4" X 1 1/2"	1 1/2"	1 1/4"	1/2"	1/2"	34"	BRADLEY #GLX-1-C1 - 4" SET	CHICAGO #802-VE2805-765ABCP - HOT/COLD PUSH-BUTTON METERING	MCGUIRE #H2165LK	MCGUIRE # PW 2150 WC PRE-WRAPPED OFFSET GRID DRAIN AND SUPPLY COVERS	BRADLEY #S17-391 (1-STATION WALL LAV CARRIER)	PROVIDE TMV-3 ASSE 1070 MIXING VALVE BELOW EACH LAVATORY. SEE DETAIL
SNK-1	SINK - EXTERIOR	1 1/2"	1 1/2"	1 1/4"	1/2"	1/2"	36"	ELKAY #ESS4924R2	CHICAGO #631-L12E35ABCP	MCGUIRE #H2165LK	MCGUIRE #PW1151WC PRE-WRAPPED OFFSET WITH #151 STRAINER AND #PW8912 PRE-WRAPPED P-TRAP AND SUPPLY COVER KIT	PROVIDE MOUNTING BOLTS AND SECURE TO WALL AS NECESSARY	N/A
SH-1	SHOWER - ADA - STAINLESS STEEL WALL PANEL - PUSH BUTTON METERING	2"	2"	1 1/2"	1/2"	1/2"	CONTROL 38" MIN - 48" MAX	BRADLEY #WS-1WCA-ADA-AST-ST-NO SEAT-NO GRAB BAR-SB-SHV-VS	INTEGRAL AIR METERING PUSHBUTTON VALVE	N/A	N/A	N/A	1.5 GPM, PROVIDE VERTICAL STAINLESS STEEL SHROUD, PROVIDE TD-1, PROVIDE 10 OZ GSA APPROVED SHOWER CURTAIN WITH CURTAIN HOOKS AND 1" DIAMETER CURTAIN ROD. PROVIDE TMV-2
MS-1	MOP SINK - FLOOR SET 24" x 24"	3"	3"	1 1/2"	3/4"	3/4"	10"	FIAT #MSB2424	CHICAGO FAUCETS 835-RCF (SUPPLIED FROM TOP)	N/A	FIAT #1453-BB	N/A	PROVIDE FIAT #832-AA 30" JOBBER HOSE AND HOSE BRACKET AND #889-CC MOP HANGER
BF-1	BOTTLE FILLING STATION - ADA - EXTERIOR NON-FREEZE	1 1/2"	1 1/2"	1 1/2"	1/2"	N/A	42" CENTER OF BUTTON	ELKAY #3690FR	N/A	N/A	MCGUIRE #8912 P-TRAP	PROVIDE MOUNTING BOLTS AND SECURE TO WALL AS NECESSARY	N/A
HB-1	HOSE BIBB - INTERIOR	N/A	N/A	N/A	3/4"	N/A	24"±	WOODFORD #24 C	N/A	N/A	N/A	N/A	N/A
MCWH	MILD CLIMATE WALL HYDRANT - INTERIOR - RECESSED	N/A	N/A	N/A	3/4"	N/A	24"±	ZURN #Z1332XL-EZ-WC	N/A	N/A	N/A	N/A	VERIFY WALL THICKNESS IN THE FIELD
AFWH	ANTI-FREEZE WALL HYDRANT - EXTERIOR - RECESSED	N/A	N/A	N/A	3/4"	N/A	24"±	ZURN #Z1300-WC	N/A	N/A	N/A	N/A	VERIFY WALL THICKNESS IN THE FIELD
	NOTES:												
	1. COORDINATE LOCATION AND ROUTING OF PLUMBING LINES WITH OTHER TRADES.												
	2. PROVIDE FIREPROOFING FOR ALL PENTRATIONS THROUGH FIRE RATED FLOORS AND WALLS.												
	3. PROVIDE EASILY ACCESSIBLE CLEANOUTS AT THE BASE OF ALL SANITARY WASTE STACKS.												
	4. PROVIDE EASILY ACCESSIBLE CLEANOUTS AT ALL CHANGES IN DIRECTION OF SANITARY WASTE PIPING GREATER THAN 45 DEGREES AS WELL AS WHERE SHOWN ON PLANS.												
	5. PROVIDE EASILY ASSESSIBLE ISOLATION VALVES ON ALL BRANCH LINES AND PROVIDE STOPS ON ALL SUPPLIES TO INDIVIDUAL FIXTURES.												
	6. CONTRACTOR MAY COMBINE PLUMBING VENTS AND MAY CONNECT TO EXISTING VENTS THROUGH ROOF PROVIDED THEY ARE OF ADEQUATE SIZE.												
	7. UNLESS OTHERWISE NOTED, IT IS THE RESPONSIBILITY OF THE PLUMBING TRADE TO MAKE CONNECTIONS TO SERVICES AND/OR EQUIPMENT PROVIDED BY OTHER TRADES.												



NOTES:

1. INSTALL WATER HAMMER ARRESTORS AT THE END OF BRANCH LINE BETWEEN THE LAST TWO FIXTURES SERVED.
2. PROVIDE ONE WATER HAMMER ARRESTOR PER 20 FOOT BRANCH LINE AND AN ADDITIONAL ARRESTOR FOR BRANCHES OVER 20 FEET IN LENGTH.
3. THE SUM OF THE FIXTURE UNIT RATING OF BRANCHES OVER 20 FEET IN LENGTH SHALL BE EQUAL TO OR GREATER THAN THE DEMAND OF THE BRANCHES.

WATER HAMMER ARRESTOR SCHEDULE (SA)

PDI SYMBOL	A	B	C	D	E	F
FIXTURE UNIT RATING	1-11	12-32	33-60	61-113	114-154	155-330

1 WATER HAMMER ARRESTOR DETAIL
SCALE: NOT TO SCALE

DRAIN SCHEDULE

		STRAINER						
FLOOR DRAIN	SIZE	MATERIAL	FREE AREA IN SQ	SHAPE	MFR.	MODEL NO.	TRAP SEALER	REMARKS
FD-1	4"	NICKEL BRONZED	19	8" ROUND	ZURN	Z415-8B	ZURN #Z1072 ZSHIELD	FINISHED AREAS
FD-2	4"	CAST IRON	18	9" ROUND	ZURN	Z520	ZURN #Z1072 ZSHIELD	UNFINISHED AREAS
TD-1	2"	STAINLESS STEEL	32	LINEAR	ZURN	ZS880-32-WG	N/A	REFER TO ARCHITECTURAL DRAWINGS FOR DETAIL. PROVIDE ZURN ZS 880-CS STRAIGHT IN-LINE CONNECTOR FOR SIDE-BY-SIDE DRAINS

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
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Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: NBS
Design By: DJW
Checked By: JRM
Approved By: -
Date: 09/11/2026

Seal and Signature

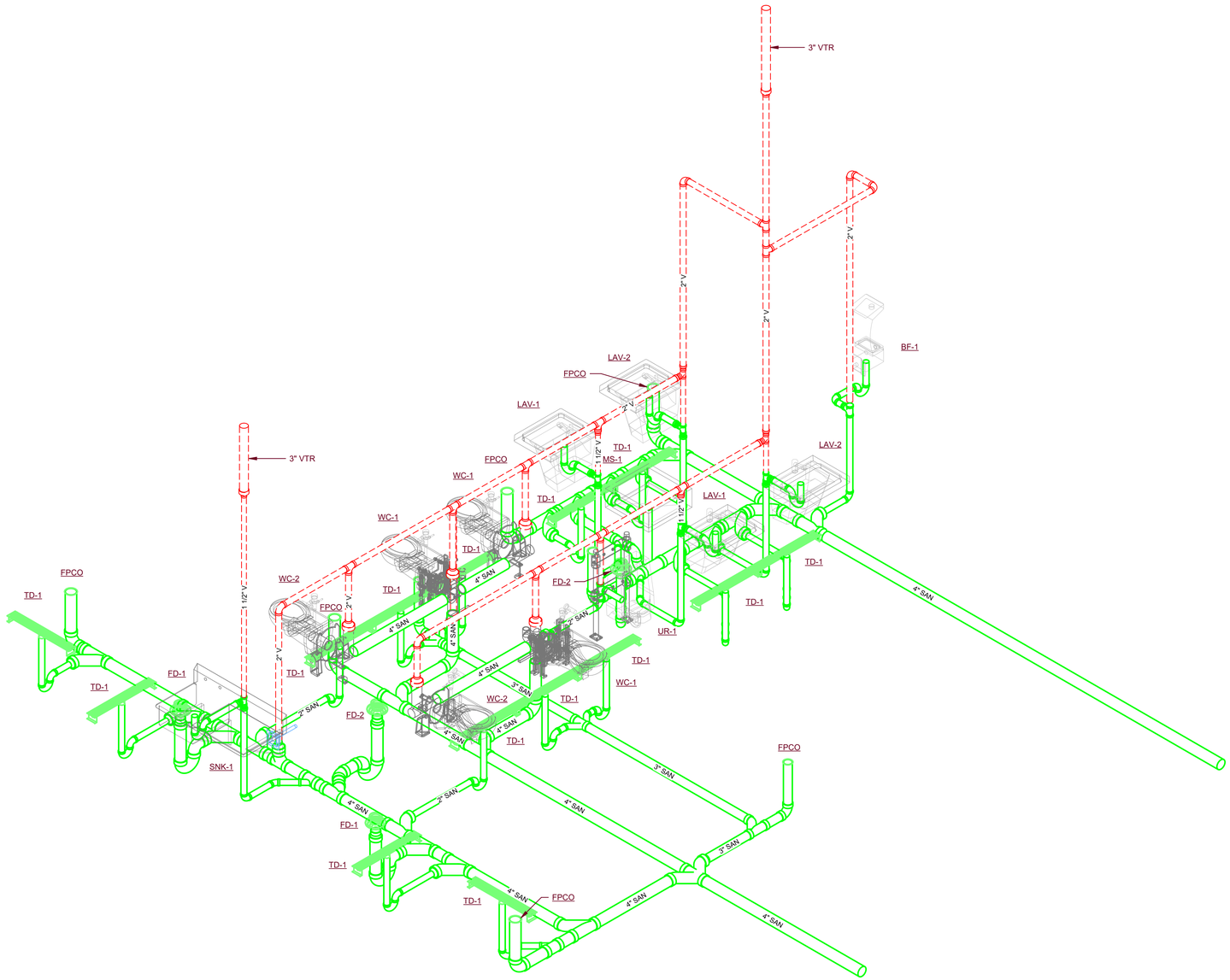
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Sheet Title: SCHEDULES

Drawing Number: **P-601**

Project Number: 26007

Sheet: Page 39 of 52



1 SANITARY WASTE & VENT PIPING SCHEMATIC

SCALE: NOT TO SCALE

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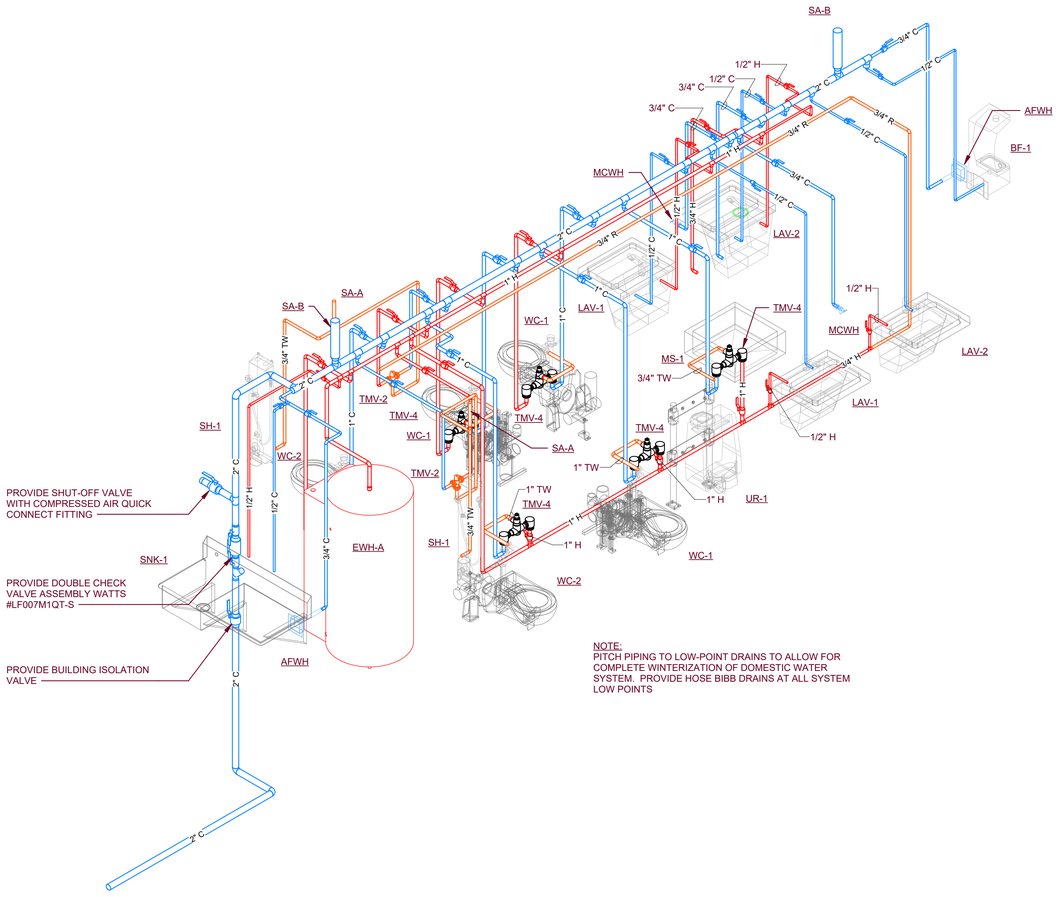
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Exp. 09/30/2028

Sheet Title:
SCHEMATICS

Drawing Number:
P-901

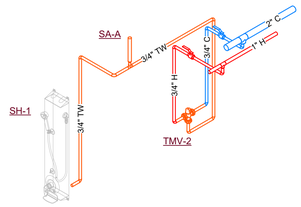
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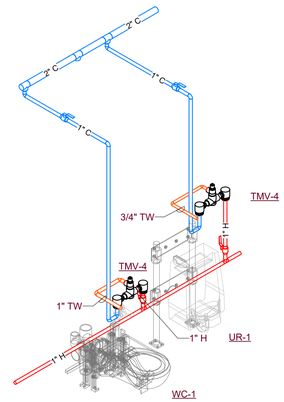


NOTE:
PITCH PIPING TO LOW-POINT DRAINS TO ALLOW FOR COMPLETE WINTERIZATION OF DOMESTIC WATER SYSTEM. PROVIDE HOSE BIBB DRAINS AT ALL SYSTEM LOW POINTS

1 DOMESTIC WATER PIPING SCHEMATIC
SCALE: NOT TO SCALE



2 SHOWER PIPING SCHEMATIC
SCALE: NOT TO SCALE



3 TYPICAL WATER CLOSET/URINAL TEMPERING VALVE SCHEMATIC
SCALE: NOT TO SCALE

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5. BUILDING DOMESTIC WATER SYSTEM SHALL BE INSTALLED TO FACILITATE DRAINAGE IN THE EVENT THAT THE NYSORPH NEEDS TO SHUT DOWN THE HEATING SYSTEM. HORIZONTAL PIPING SHALL HAVE CONSISTENT SLOPE DOWNWARDS FROM MANUAL VENTS & BLOW-DOWN STATIONS TOWARDS DRAINS.
6. ADD ADDITIONAL DRAIN VALVES AS NEEDED TO FACILITATE DRAINING SYSTEM.
7. PLUMBING CONTRACTOR TO INSTALL BUILDING SEWERS, BUILDING DOMESTIC WATER SERVICE AND DOMESTIC WATER SERVICE TO EXTERIOR SITE DEVICES TO 5'-0" OUTSIDE THE BUILDING FOUNDATION. THE GENERAL CONTRACTOR TO PROVIDE BUILDING SERVICES BEYOND THAT POINT. COORDINATE LOCATION WITH SITE UTILITY PLAN C-104.

New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
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Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: NBS
Design By: DJW
Checked By: JRM
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT — BARRY HUCPRIN — 022463 — STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
SCHEMATICS

Drawing Number:
P-902

Project Number: 26007
Sheet: Page 41 of 52

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MECHANICAL SYMBOLS

- VOLUME DAMPER
- AUTOMATIC AIR DAMPER (AAD)
- FIRE DAMPER (FD)
- SMOKE DAMPER (SD)
- COMBINATION FIRE SMOKE DAMPER (FSD)
- OPPOSED BLADE DAMPER (OBD)
- BACK DRAFT DAMPER (BDD)
- DIFFERENTIAL PRESSURE SENSOR (DP)
- DUCT SMOKE DETECTOR (DSD)
- TEMPERATURE SENSOR (T)
- FREEZESTAT (F)
- STATIC PRESSURE SENSOR (SP)
- FLEXIBLE CONNECTION (FC)
- SIDEWALL SUPPLY DIFFUSER
- SIDEWALL EXHAUST/RETURN REGISTER
- SUPPLY ELBOW UP
- SUPPLY ELBOW DN
- EXHAUST/RETURN ELBOW UP
- EXHAUST/RETURN ELBOW DN
- ROUND ELBOW UP
- ROUND ELBOW DN
- CENTERED TRANSITION
- OFFSET TRANSITION
- SQUARE TO ROUND TRANSITION
- DROP IN DUCT (D)
- RISE IN DUCT (R)

- RADIUS ELBOW
- MITERED ELBOW WITH TURNING VANES
- BRANCH TAKEOFF
- BRANCH TAKEOFF 90 DEGREE
- BRANCH TAKEOFF 45 DEGREE
- AIRFLOW INDICATOR
- DOOR UNDERCUT (U/C)
- DOOR LOUVER (L)
- 2 - WAY CEILING SUPPLY DIFFUSER
- 4 - WAY CEILING SUPPLY DIFFUSER
- CEILING RETURN GRILLE
- CEILING EXHAUST/GRILLE
- SLOT DIFFUSER
- EXHAUST AIR DUCT UP THRU ROOF
- OUTSIDE AIR DUCT UP THRU ROOF
- BOILER SAFETY SHUTOFF (BS)
- EMERGENCY AIR DISTRIBUTION\ SHUTOFF (EPO)
- THERMOSTAT (T)
- SIDEWALL RETURN/EXHAUST REGISTER (P)
- OCCUPANCY SENSOR (OS)
- TEMPERATURE SENSOR (T)
- UNIT MOUNTED TEMPERATURE SENSOR (T UM)
- CONTROL PANEL (CP)
- FAN
- DAMPER MOTOR
- MOTOR STARTER
- SUPPLY PIPING
- HYDRONIC ISOLATION/SHUT OFF VALVE
- RETURN PIPING
- CHECK VALVE
- AUTOMATIC FLOW CONTROL VALVE

- CONTROL VALVE
- RELIEF VALVE
- GAUGE WITH STOP COCK
- STEAM ISOLATION/SHUTOFF VALVE
- SOLENOID VALVE
- GLOBE VALVE
- THREE-WAY CONTROL VALVE
- TRIPLE DUTY GLOBE VALVE (TD)
- DRAIN VALVE WITH HOSE BIB
- VENTURI FLOW METER
- GAS COCK
- UNION
- FLANGED CONNECTION
- STRAINER
- REDUCER OR INCREASER
- BRANCH FROM BOTTOM OF PIPE
- BRANCH FROM TOP OF PIPE
- PIPE ELBOW DOWN
- PIPE ELBOW UP
- AUTOMATIC AIR VENT (AV)
- MANUAL AIR VENT (MV)
- THERMOMETER
- INLINE PUMP (SECTION)
- INLINE PUMP
- PIPE CAP
- WATER METER
- SUCTION DIFFUSER
- FLEXIBLE CONNECTOR
- PIPE ANCHOR
- EXPANSION COMPENSATOR WITH MOMENT GUIDES
- MOMENT GUIDE

- PIPE BREAK
- PIPE FLOW ARROW
- FLOOR DRAIN
- CLEAN OUT
- UP THROUGH ROOF
- GAUGE
- FINNED TUBE WITH COVER
- SURFACE MOUNTED UNIT
- SEMI-RECESSED MOUNTED UNIT
- RECESSED MOUNTED UNIT
- CEILING MOUNTED UNIT
- HORIZONTAL UNIT HEATER
- ###-# GPM DESIGNATION
- ###-# EQUIPMENT DESIGNATION
- ###-# MOTORIZED EQUIPMENT DESIGNATION
- DIFFUSER/GRILLE DESIGNATION (MARK / SIZE / CFM)
- FIN DESIGNATION (FTR-# / LENGTH / GPM)
- KEYED NOTE (#)

MECHANICAL ABBREVIATIONS

A	AMPERE
AC	AIR CONDITIONING, AIR CONDITIONER
ACCU	AIR COOLED CONDENSING UNIT
AAD	AUTOMATIC AIR DAMPER
AD	ACCESS DOOR
ADJ	ADJACENT/ ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AFUE	ANNUAL FUEL UTILIZATION
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AL	ALUMINUM
ALT	ALTERNATE
AMD	AIR MONITORING DEVICE
AMP	AMPERAGE
AO	ANALOG OUTPUT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
APPROX	APPROXIMATELY
BCS	BUILDING CONTROL SYSTEM
BDD	BACKDRAFT DAMPER
BF	BOILER FEED
BHP	BRAKE HORSEPOWER
BI	BINARY INPUT/ BACKWARD INPUT
BO	BINARY OUTPUT
BOT	BOTTOM
B/S	BOILER SAFETY SHUTOFF
BTU	BRITISH THERMAL UNIT
CC	BRITISH THERMAL UNIT PER SECOND
CAV	CENTER TO CENTER/COOLING COIL
CCW	CONSTANT AIR VOLUME
CF	COUNTER CLOCKWISE
CFM	CUBIC FEET
CFS	CUBIC FEET PER MINUTE
CHR	CUBIC FEET PER SECOND
CHS	CHILLED WATER RETURN
CI	CHILLED WATER SUPPLY
CKT	CAST IRON
CL	CIRCUIT
CLG	CENTERLINE
CO	COOLING
CONC	CLEAN-OUT
CONN	CONCRETE
CONT	CONNECTION
CONTR	CONTINUOUS
COP	CONTRACTOR
CP	COEFFICIENT OF PERFORMANCE
CPD	CONTROL PANEL
CUH	CONDENSATE PUMP DISCHARGE
CW	CABINET UNIT HEATER
D	CLOCKWISE
DD	DRAIN LINE
DDC	DIRECT DRIVE
DEPT	DIRECT DIGITAL CONTROL
DIA	DEPARTMENT
DIAG	DIAMETER
DIFF	DIAGONAL
DIM	DIFFERENCE
DN	DIMENSION
DP	DOWN
DSD	DIFFERENTIAL PRESSURE
DTL	DUCT SMOKE DETECTOR
DWG	DETAIL
DHWP	DRAWING
DXT	DOMESTIC HOT WATER
E	EAST
EA	EXHAUST AIR/EACH
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BUILD TEMPERATURE
EDR	ENERGY EFFICIENT RATIO
EF	EXHAUST FAN
EFF	EFFICIENCY
EG	EXHAUST GRILLE
EJT	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC (AL)
ELEV	ELEVATOR
EMF	ELECTRO MAGNETIC FIELD
ENC	ENCLOSURE
EOM	END OF MAIN
EPO	EMERGENCY POWER OFF
EQR	EQUIPMENT
ER	EXHAUST REGISTER/GRILLE
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EUH	ELECTRICAL UNIT HEATER
EWB	ENTERING WET BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
EXC	EXCAVATION
EXH	EXHAUST
EXP	EXPANSION
EXT	EXTERIOR
F	FAHRENHEIT
FAPSD	FIRE ALARM PANEL SHUT DOWN
FD	FIRE DAMPER/FLOOR DRAIN
FC	FLEXIBLE CONNECTOR
FCU	FAN COIL UNIT
FCV	FLOW CONTROL VALVE
FGL	FIBERGLASS
FIXT	FIXTURE
FL	FLOOR
FLA	FULL LOAD AMPERAGE
FLG	FLANGE
FLR	FLOOR
FLX	FLEXIBLE
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSD	COMBINATION FIRE SMOKE DAMPER
FT	FEET
FT HD	FEET OF HEAD
FTR	FIN TUBE RADIATION
GA	GAUGE, GAGE
GAL	GALLON
GALV	GALVANIZED
GD	GRADE, GRADING
GLS	GROUND LOOP SUPPLY
GLR	GROUND LOOP RETURN
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GLYCOL RETURN
GRV	GRAVITY RELIEF VENTILATOR
GTR	GEOTHERMAL RETURN
GTS	GEOTHERMAL SUPPLY
GS	GLYCOL SUPPLY
H	HIGH
HC	HEATING COIL
HD	HEAD
HG	HEAT GAIN
HOA	HAND-OFF-AUTOMATIC SELECTOR SWITCH
HOR	HORIZONTAL
HP	HORSEPOWER
HT	HEIGHT
HTG	HEATING
HV	HEATING & VENTILATING UNIT
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
HYD	HYDRANT
HZ	HERTZ (CYCLES PER SECOND)
ID	INSIDE DIAMETER
INCL	INCLUDE (D) (ING)
INCUL	INSULATION
INV	INVERT
IN WG	INCHES OF WATER GAUGE
INIT	INITIAL
KW	KILOWATT
KWH	KILOWATT HOUR
L	LOW
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LDB	LEAVING DRY BULB TEMPERATURE
LF	LINEAL FEET
LHT	LATENT HEAT
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MATL	MATERIAL
MAX	MAXIMUM
MBH	THOUSAND BTU/HR
MCA	MAXIMUM CIRCUIT AMPERAGE
MCC	MOTOR CONTROL CENTER
MD	MOTOR OPERATED DAMPER
MECH	MECHANIC (AL)
MERV	MINIMUM EFFICIENCY REPORTING VALVE
MISC	MISCELLANEOUS
MIN	MINIMUM
MOP	MAXIMUM OPERATING PRESSURE
MTG	MOUNTING
MUA	MAKE UP AIR
N	NORTH
N/A	NOT APPLICABLE
NC	NOISE CRITERIA/NORMALLY CLOSED
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NLC	NOISE LEVEL CRITERIA
NO	NORMALLY OPEN
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OUTSIDE AIR/OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OED	OPEN ENDED DUCT
OFG	OIL GAUGE LINE
OFL	OIL FILL LINE
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
OR	OIL RETURN
OS	OIL SUCTION
OUT	OUTLET
OV	OUTLET VELOCITY (FPM)
P/T	PRESSURE/TEMPERATURE PORT
PD	PRESSURE DROP
PERF	PERFORATED
PG	PROPYLENE GLYCOL
PH	PHASE
PIV	POST INDICATING VALVE
PLUM	PLUMBING
POD	PNEUMATICALLY OPERATED DAMPER
POS	POSITIVE
RPM	PARTS PER MILLION
PREFAB	PREFABRICATED
PRESS	PRESSURE
PROP	PROPERTY
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PT	POINT
PTAC	PACKAGED TERMINAL AIR CONDITIONING UNIT
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
R	RISER, RADIUS
R/H	RELATIVE HUMIDITY
R/L	REFRIGERANT LIQUID
RA	RETURN AIR
RD	ROOF DRAIN/RELIEF DAMPER
RECIRC	RECIRCULATE
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REQD	REQUIRED
REQMT	REQUIREMENT
REV	REVISED/REVISION
RF	RETURN AIR FAN
RHC	REHEAT COIL
RHG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RR	RETURN REGISTER/GRILLE
RS	REFRIGERANT SUCTION
S	SUPPLY DIFFUSER
S/S	START/STOP
SENSE	SENSIBLE
SL	STORM LOUVER/SLEEVE
SA	SUPPLY AIR
SAN	SANITARY
SCH	SCHEDULE
SD	SMOKE DAMPER
SF	SUPPLY AIR FAN
SH	SENSIBLE HEAT
SHR	SENSIBLE HEAT RATIO
SIM	SIMILAR
SM	SHEET METAL
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SS	STAINLESS STEEL
ST	STORM WATER
STD	STANDARD
STL	STEEL
STR	STRUCTURAL
SWD	STORM WATER DRAIN
SYS	SYSTEM
TA	TRANSFER AIR
TD	TEMPERATURE DIFFERENCE
TOS	TOP OF STEEL
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TYP	TYPICAL
U	U-FACTOR
UC	UNDERCUT
UH	UNIT HEATER
UM	UNIT MOUNTED
UNO	UNLESS NOTED OTHERWISE
UR	UTILITY
V	VOLT
V/AC	VOLTS, ALTERNATING CURRENT
VA	VALVE
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VAVR	VARIABLE AIR VOLUME REGULATOR
VD	VOLUME DAMPER
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
VT	VENT
VTR	VENT THRU ROOF
W	WATT
W/	WITH
W/P	WORKING PRESSURE
WB	WET BULB
WC	WATER CLOSET
WH	WATER HEATER
WLR	WATER LOOP RETURN
WLS	WATER LOOP SUPPLY
WMS	WIRE MESH SCREEN
WP	WATERPROOF (ING)
WPD	WATER PRESSURE DROP
WT	WEIGHT
WWM	WELDED WIRE MESH
XP	EXPLOSION PROOF

NOTE: ALL SYMBOLS AND ABBREVIATION ARE NOT NECESSARILY USED

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
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115 SOLAR STREET, SUITE 102
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beardsley architects + engineers

Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: JMM
Design By: JMM
Checked By: JRM
Approved By: -
Date: 09/11/2026

Seal and Signature

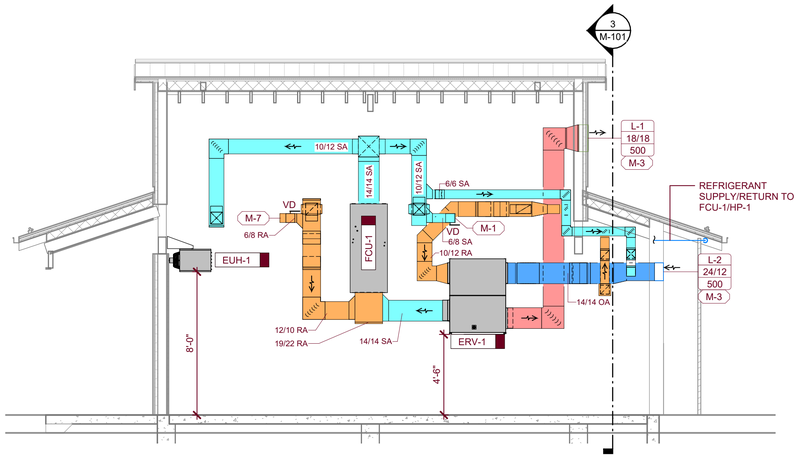


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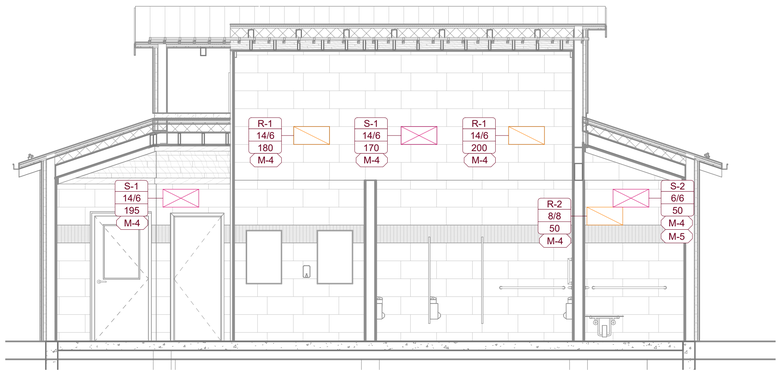
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Project Number: 26007

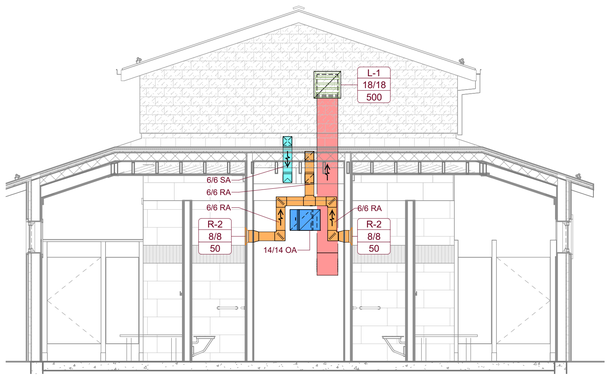
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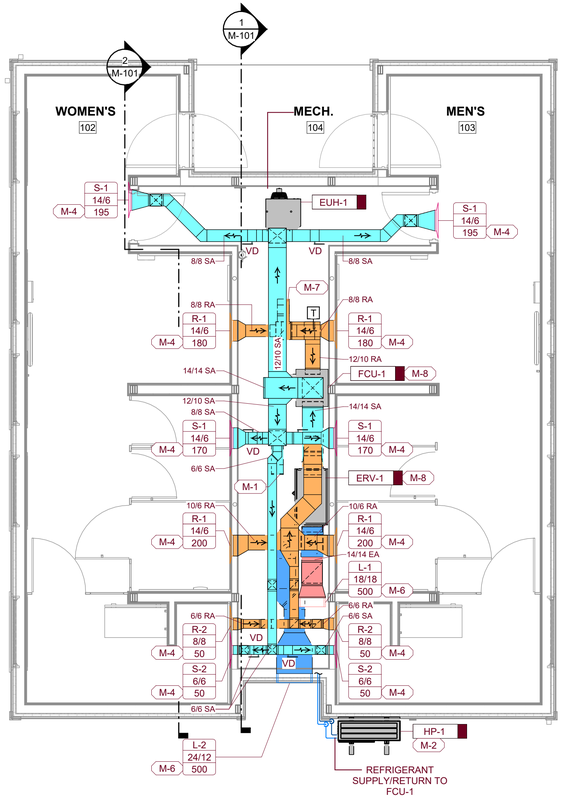
1 MECHANICAL ROOM ELEVATION
SCALE: 1/4" = 1'-0"



2 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"



3 END WALL ELEVATION VIEW
SCALE: 1/4" = 1'-0"



A HVAC PLAN
SCALE: 1/4" = 1'-0"

KEYED NOTES - MECHANICAL

M-1	BALANCE VD TO 80 CFM. COVER END OF DUCT WITH WWM.
M-2	MOUNT ON WALL AT 2' AFF.
M-3	MAINTAIN 10' BETWEEN INLET AND OUTLET.
M-4	ALIGN REGISTER/GRILLE WITH ARCHITECTURAL WALL TILE LAYOUT.
M-5	ADJUST REGISTER TO DIRECT AIRFLOW AWAY FROM R-2 RETURN GRILLE.
M-6	PROVIDE WALL SLEEVE WITH AAD.
M-7	BALANCE VD TO 50 CFM. COVER END OF DUCT WITH WWM.
M-8	MAINTAIN MANUFACTURER REQUIRED CLEARANCE AREA IN FRONT OF UNIT.

NOTES:

1. MAINTAIN 3'-0" CLEARANCE IN FRONT OF ALL DOMESTIC WATER PIPING COMPONENTS AND ELECTRICAL DISTRIBUTION PANELS.
2. COORDINATE WITH ELECTRICAL, MECHANICAL, AND PLUMBING. DO NOT LOCATE PIPING OR DUCTWORK ABOVE ELECTRIC DISTRIBUTION PANELS, WITHIN 6'-0" ABOVE THE TOP OF PANEL (OR TO STRUCTURAL CEILING, WHICHEVER IS LOWER).
3. EACH TRADE SHALL COORDINATE ALL VERTICAL AND HORIZONTAL RUNS PRIOR TO FRAMING. CONTRACTOR SHALL PROVIDE ALL PLATE PROTECTION FOR CONCEALED LINES AT ALL PLATES AND STUDS AS REQUIRED. DO NOT CUT THRU FRAMING UNLESS APPROVED BY DESIGN PROFESSIONAL.
4. ALL WORK ON THIS DRAWING SHALL BE PERFORMED BY MECHANICAL CONTRACTOR (MCW) UNLESS OTHERWISE NOTED.

PLAN NORTH

0' 2' 4' 8' 12'

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

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New York State Parks, Recreation and Historic Preservation

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beardsley architects + engineers

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ITHACA, NY 14850

Key Plan

REVISIONS

REV.NO	Description	Date:

Drawn By: JMM
Design By: JMM
Checked By: JRM
Approved By: -
Date: 09/11/2026

Seal and Signature

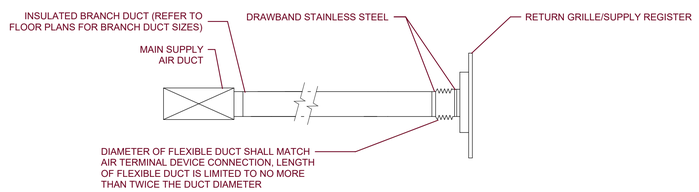
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Exp. 09/30/2026

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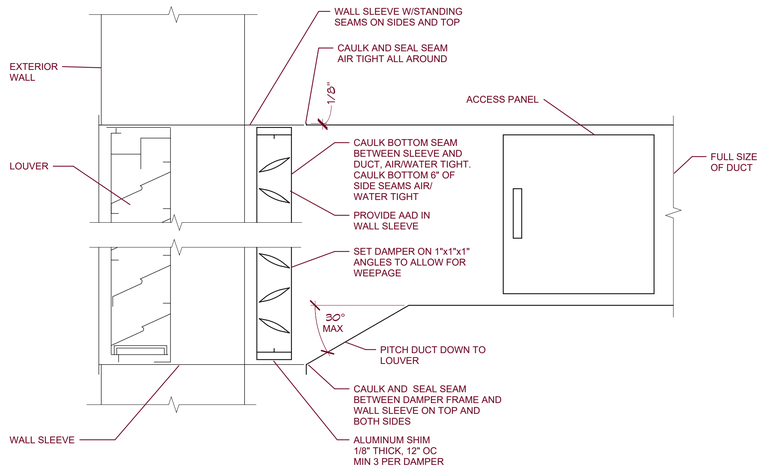
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Project Number: 26007

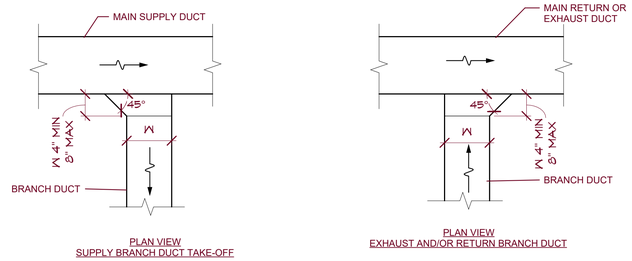
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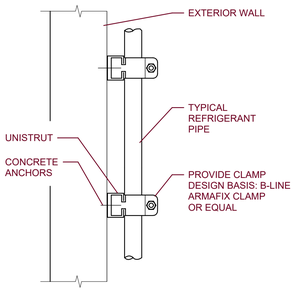
1 AIR TERMINAL DEVICE CONNECTION DETAIL
SCALE: NONE



3 DUCT CONNECTION TO WALL SLEEVE WITH ACCESS PANEL DETAIL
SCALE: NONE

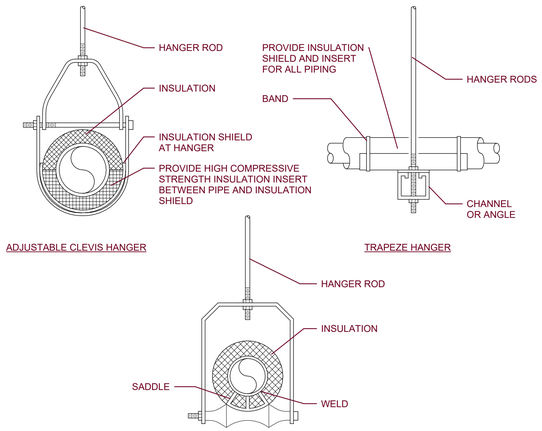


5 DUCTWORK TAKEOFF DETAIL
SCALE: NONE

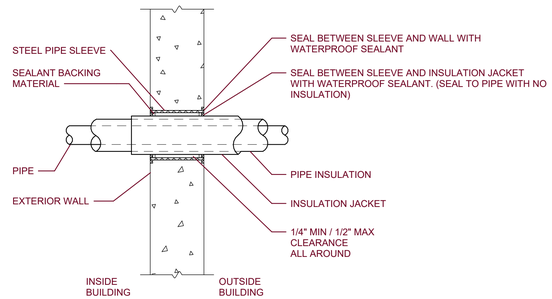


NOTE:
1. PROVIDE PIPE SUPPORT EVERY 4FT.
 - MINIMUM OF 2 SUPPORTS

2 REFRIGERANT PIPING WALL SUPPORT DETAIL
SCALE: NONE



4 PIPE HANGER DETAILS
SCALE: NONE



6 REFRIGERANT PIPE THROUGH EXTERIOR WALL
SCALE: NONE

NOTES:

1. MAINTAIN 3'-0" CLEARANCE IN FRONT OF ALL DOMESTIC WATER PIPING COMPONENTS AND ELECTRICAL DISTRIBUTION PANELS.
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New York State Parks, Recreation and Historic Preservation

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115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
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SYRACUSE, NY 13204
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Survey
RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: JMM
Design By: JMM
Checked By: JRM
Approved By: -
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT BARRY HUPSHER 022463 STATE OF NEW YORK Exp. 09/30/2026

Sheet Title: DETAILS

Drawing Number: **M-501**

Project Number: 26007

Sheet: Page 44 of 52

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FAN COIL UNIT - SCHEDULE

MARK	SERVES	SUPPLY FAN			COOLING COIL						HEATING COIL			ELECTRICAL					DESIGN BASIS			NOTES
		CFM	ESP (IN WG)	MOTOR (W)	TOTAL (MBH)	SENSIBLE (MBH)	ENTERING AIR °F DB	ENTERING AIR °F WB	LEAVING AIR °F DB	LEAVING AIR °F WB	TOTAL (MBH)	ENTERING AIR °F	LEAVING AIR °F	VOLTAGE	PHASE	HZ	MCA (A)	MOCP (A)	MANUFACTURER	UNIT TYPE	MODEL	
FCU-1	102 WOMEN'S, 103 MEN'S, 104 MECH	910	0.8	244	-	-	-	-	-	-	28.6	70	91.9	230	1	60	4.13	15	MITSUBISHI	MULTI-POSITION AIR HANDLER	SVZ-AP36NL	1,2

NOTES:

1. COOLING COIL DATA INTENTIONALLY LEFT EMPTY, SYSTEM WILL BE USED TO PROVIDE HEATING ONLY.
2. UNIT SHALL MEET 2025 ECCCNYS EFFICIENCY REQUIREMENTS FOR AIR COOLED VRF: SEER2 ≥ 13.4 AND HSPF2 ≥ 7.5

ENERGY RECOVERY VENTILATOR (ERV) - SCHEDULE

UNIT	LOCATION	SERVICE	AIR DATA					WINTER AIR DATA				SUMMER AIR DATA							UNIT WEIGHT	ELECTRICAL				DESIGN BASIS	NOTES
			OUTSIDE AIR CFM	EXHAUST AIR CFM	EXHAUST AIR ESP	SUPPLY AIR CFM	SUPPLY AIR ESP	OUTSIDE DB °F	RETURN DB °F	SUPPLY DB °F	EFF (%)	OUTSIDE DB °F	OUTSIDE WB °F	RETURN DB °F	RETURN WB °F	SUPPLY DB °F	SUPPLY WB °F	EFF (%)		VOLT	PH	FLA	MOCP (A)		
ERV-1	104 MECH	102 WOMEN'S, 103 MEN'S, 104 MECH	500	500	0.24	500	0.04	-0.2	70	52.8	74.5	85.5	70.1	85.5	70.1	85.5	70.1	-	194	230	1	10	15	RENEWAIRE HE10IN	1,2

NOTES:

1. PROVIDE WITH ENHANCED CONTROLS PACKAGE.
2. PROVIDE WITH ADVANCED DIRECT DRIVE EC MOTORIZED IMPELLER PACKAGE.

HEAT PUMP (HP) - SCHEDULE

MARK	DESCRIPTION	VOLTAGE	PHASE	HZ	MCA (A)	MOCP (A)	CAPACITY (MBTU/h)		CONNECTED LOAD (MBTU/h)		DESIGN BASIS		NOTES
							COOLING	HEATING (@ 5°F)	COOLING	HEATING	MANUFACTURER	MODEL	
HP-1	OUTDOOR HEAT PUMP	230	1	60	45	80	36	38.5	-	28.6	MITSUBISHI	SUZ-AK36NLHZ	1

NOTES:

1. UNIT SHALL MEET 2025 ECCCNYS EFFICIENCY REQUIREMENTS FOR AIR COOLED VRF: SEER2 ≥ 13.4 AND HSPF2 ≥ 7.5

ELECTRIC UNIT HEATER - SCHEDULE

UNIT	LOCATION	CFM	CAPACITY (BTUH)	MOUNTING ARRANGEMENT	ELECTRICAL						DESIGN BASIS	NOTES
					VOLT	PH	KW	FLA	MCA	MOCP		
EUH-1	104 MECH	431	10,246	WALL	240	1	3	12.8	12.9	20.0	REZNOR EUH-TSL	1

NOTES:

1. INCLUDE UNIT MOUNTED THERMOSTAT WITH INSTALL, SET TO 65°F. UNIT SHALL BE USED FOR TIMES WHEN FCU-1 CAN NOT HANDLE THE REQUIRED LOAD.

DIFFUSERS, GRILLES, AND LOUVERS - SCHEDULE

MARK	SERVICE	DESCRIPTION	MAX NC	DESIGN BASIS	FRAME SIZE	DUCT SIZE	NOTES
L-1	ERV EXHAUST AIR OUTLET	EXTERIOR LOUVER	NA	GREENHECK ESD-435	18x18	18x18	-
L-2	ERV OUTDOOR AIR INTAKE	EXTERIOR LOUVER	NA	GREENHECK ESD-435	24x12	24x12	-
R-1	102 WOMEN'S, 103 MEN'S	RETURN GRILLE	<15	TITUS 350R	24x12	14x6	1
R-2	102 WOMEN'S SHOWER, 103 MEN'S SHOWER	RETURN GRILLE	<15	TITUS 350R	24x12	8x8	1
S-1	102 WOMEN'S, 103 MEN'S	SUPPLY REGISTER	<15	TITUS 272RL	24x12	14x6	-
S-2	102 WOMEN'S SHOWER, 103 MEN'S SHOWER	SUPPLY REGISTER	<15	TITUS 272RL	24x12	6x6	-

NOTES:

1. PROVIDE WITH OPPOSED BLADE DAMPER.

DUCT - SCHEDULE

SYSTEM	MATERIAL	TYPE	SEAL LEVEL	PRESSURE CLASS	NOTES
SUPPLY AIR	GALVANIZED	RECTANGULAR/ROUND	A	2 IN (51mm) WG	1,2
EXHAUST AIR	GALVANIZED	RECTANGULAR/ROUND	A	-2 IN (51mm) WG	1,2
RETURN AIR	GALVANIZED	RECTANGULAR/ROUND	A	2 IN (51mm) WG	1,2
OUTDOOR AIR	GALVANIZED	RECTANGULAR/ROUND	A	-2 IN (51mm) WG	1,2

NOTES:

1. PRESSURE-SENSITIVE TAPE IS NOT ALLOWED AS A PRIMARY SEALANT IN ANY CLASS.
2. DUCT TO BE EXTERNALLY INSULATED.

NOTES:

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Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: JMM
Design By: JMM
Checked By: JRM
Approved By: -
Date: 09/11/2026

Seal and Signature

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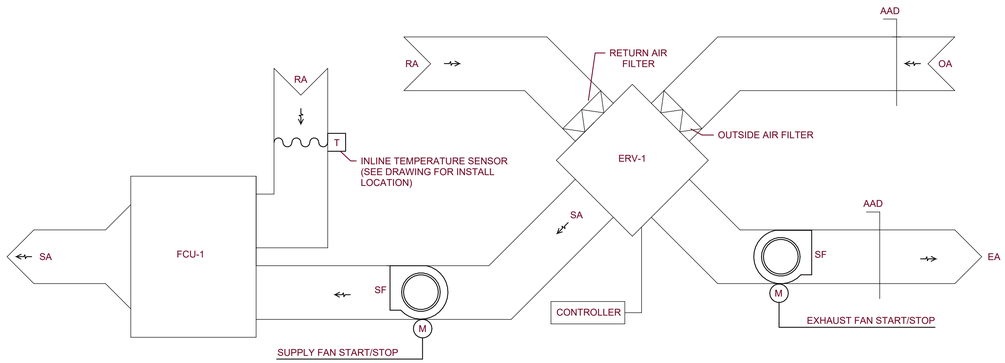
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SCHEDULES

Drawing Number:
M-601

Project Number: 26007

Sheet: Page 45 of 52

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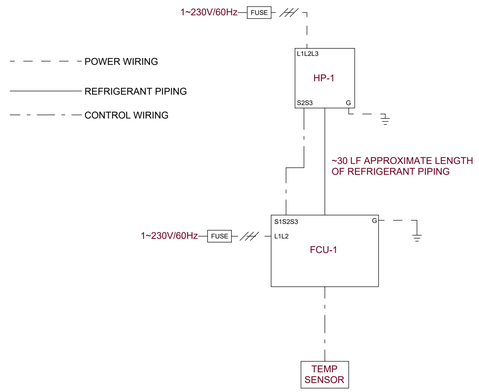


PROVIDE THE FOLLOWING SEQUENCE OF OPERATION:

OCCUPIED MODE:
- ERV-1 SHALL RUN CONTINUOUSLY BASED ON CLIENT REQUIRED SCHEDULE. PROVIDE WITH PROGRAMMABLE CONTROLLER TO BE SET BY CONTRACTOR.
- OUTSIDE AIR DAMPER SHALL OPEN ANYTIME ERV-1 RUNS AND SHALL CLOSE ANYTIME ERV-1 STOPS. THE SUPPLY FAN SHALL START ONLY AFTER DAMPER STATUS HAS PROVEN DAMPER IS OPEN. OUTSIDE AIR DAMPER SHALL CLOSE 4 SECONDS (ADJ.) AFTER SUPPLY FAN STOPS.
- EXHAUST AIR DAMPER SHALL OPEN ANYTIME ERV-1 RUNS AND SHALL CLOSE ANYTIME ERV-1 STOPS. THE EXHAUST FAN SHALL START ONLY AFTER DAMPER STATUS HAS PROVEN DAMPER IS OPEN. EXHAUST AIR DAMPER SHALL CLOSE 4 SECONDS (ADJ.) AFTER EXHAUST FAN STOPS.
- FCU-1 SUPPLY FAN SHALL BE INTERLOCKED TO ERV-1 AND SHALL RUN CONTINUOUSLY.
- FCU-1 SHALL OPERATE IN HEATING MODE AS NEEDED TO MAINTAIN 70°F TEMPERATURE SET POINT. COOLING MODE FOR FCU-1 SHALL BE DISABLED PER CLIENT REQUEST.

UNOCCUPIED MODE:
- TEMPERATURE SET POINT WILL BE DECREASED TO 60°F.
- FCU-1 FAN SHALL RUN IN A LOWER POWER STATE TO ALLOW CONTINUOUS TEMPERATURE MONITORING.
- ERV-1 SHALL REMAIN ON STANDBY.

1 FCU-1 / ERV SCHEMATIC
SCALE: NONE



2 SPLIT SYSTEM WIRING/PIPING SCHEMATIC
SCALE: NONE

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Key Plan

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Checked By: JRM
Approved By: -
Date: 09/11/2026

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Sheet Title:
CONTROL SCHEMATICS

Drawing Number:
M-701

Project Number: 26007

Sheet: Page 46 of 52

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LIGHTING SYMBOLS

T / # a	RECESSED LIGHT FIXTURE; T = FIXTURE TYPE; "a" INDICATES LIGHT CONTROLLED BY SWITCH WITH SAME DESIGNATION; # INDICATES CIRCUIT BREAKER NUMBER.
	SURFACE MOUNT LIGHT FIXTURE
	PENDANT MOUNT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	WALL MOUNTED FIXTURE
	CEILING MOUNT LIGHT FIXTURE
	UNIVERSAL MOUNT EXIT LIGHT; DOUBLE FACE; FILL INDICATES FACE ARROWS INDICATE DIRECTION OF TRAVEL TO EXIT
	WALL BACK MOUNTED EXIT LIGHT; SINGLE FACE; FILL INDICATES FACE
Sa	SINGLE POLE SWITCH; "a" INDICATES SWITCH CONTROLS FIXTURE WITH THE SAME DESIGNATION. MOUNT AT 3'- 6" AFF UNO.
S	SINGLE POLE SWITCH; MOUNT AT 3'- 6" AFF UNO
S3	THREE-WAY SWITCH; MOUNT AT 3'- 6" AFF UNO
OS	CEILING MOUNTED DUAL TECHNOLOGY (ULTRASONIC & PIR) OCCUPANCY SENSOR. COVERAGE: 360 DEGREES - 500 SQFT
	EMERGENCY LIGHTING UNIT
P	PHOTOCELL

POWER SYMBOLS

	FLUSH MOUNTED PANELBOARD
	SURFACE MOUNTED PANELBOARD
#	DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTER TYPE; MOUNT AT 1'- 6" AFF UNO; # INDICATES PANEL/CIRCUIT NUMBER
#	WEATHERPROOF DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTER TYPE; MOUNT AT 1'- 6" AFF UNO; # INDICATES PANEL/CIRCUIT NUMBER. PROVIDE IN-USE COVER WHERE EXTERIOR.
	QUADRIPLEX (DOUBLE DUPLEX) CONVENIENCE RECEPTACLE (NEMA 5-20R); MOUNT AT 1'- 6" AFF UNO
	GROUND ROD
J	JUNCTION OR PULL BOX
K0	KITCHEN EQUIPMENT. REFER TO ITEM NUMBER SHOWN IN KITCHEN EQUIPMENT SCHEDULE ON DRAWINGS FOR DESCRIPTION.
M0	MOTOR. REFER TO ITEM NUMBER SHOWN IN ELECTRIC EQUIPMENT AND CONTROL SCHEDULE ON DRAWINGS FOR DESCRIPTION.
C0	CONTROL DEVICE CORRESPONDING TO MOTOR OF SAME NUMBER. REFER TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR DESCRIPTION.
M	METER
T	TRANSFORMER (PLAN)
LPB-12	HOME RUN TO PANEL; LPB = PANEL DESIGNATION; 12= CIRCUIT NUMBER
C / # T	SPECIAL PURPOSE OUTLET; LETTER INDICATES NEMA TYPE, # INDICATES CIRCUIT NUMBER

SCHEMATIC POWER SYMBOLS

	TRANSFORMER
	CIRCUIT BREAKER
	SWITCH
	GROUND
	LUG
	FUSE
G	GENERATOR
	TRANSFER SWITCH

ELECTRICAL ABBREVIATIONS

-A-	
A	AMPERE / AMP(S) / AMPERAGE
ACT	ACOUSTIC CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFL	ABOVE FINISHED LANDING
AIC	AMPERES INTERRUPTING CAPACITY
ALT	ALTERNATE
ALUM	ALUMINUM
APC	ACOUSTIC PANEL CEILING
ASL	ALTERNATE SWITCHING OF LAMPS
AU	AT UNIT
AWG	AMERICAN WIRE GAUGE
-B-	
BKR	BREAKER
-C-	
C	CONDUIT
CATV	COMMUNITY ANTENNA TELEVISION
CKT	CIRCUIT
CL	CENTERLINE
CLG	CEILING
CT	CIRCUIT TRANSFORMER
CU	COPPER
-D-	
DWG	DRAWING
-E-	
EA	EACH
EF	EXHAUST FAN
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EWC	ELECTRIC WATER COOLER
EX	EXISTING
-F-	
FA	FIRE ALARM
FACU	FIRE ALARM CONTROL UNIT
FLA	FULL LOAD AMPS
-G-	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFGI	GOVERNMENT FURNISHED GOVERNMENT INSTALLED
GND	GROUND
GRS	GALVINIZED RIGID STEEL
GWB	GYPSUM WALL BOARD
-H-	
HP	HORSE POWER
HZ	HERTZ
-I-	
IMC	INTERMEDIATE METALLIC CONDUIT
-J-	
JB	JUNCTION BOX
-K-	
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT
KWH	KILOWATT HOUR
-L-	
LED	LIGHT EMITTING DIODE
LOC	LOCAL OPERATING CONSOLE
LTG	LIGHTING
-M-	
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MIN	MINIMUM
MLO	MAIN LUGS ONLY
-N-	
N/C	NORMALLY CLOSED
N/O	NORMALLY OPENED
NEC	NATIONAL ELECTRIC CODE
NF	NON-FUSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
-O-	
OC	ON CENTER
-P-	
PA	PUBLIC ADDRESS
PEND	PENDANT
PH	PHASE
PVC	POLYVINYL CHLORIDE
-Q-	
QTY	QUANTITY
-R-	
R	RISER / RADIUS / HEAT RESISTANCE
REF	REFERENCE / REFRIGERATOR
REM	REMOVE / REMOVABLE
REQD	REQUIRED
RM	ROOM
ROW	RIGHT OF WAY
RTU	ROOF TOP UNIT
-S-	
S/N	SOLID NEUTRAL
SEC	SECONDARY
SF	SQUARE FEET / SQUARE FOOT
SPD	SURGE PROTECTION DEVICE
SPK	SPEAKER

ELECTRICAL ABBREVIATIONS

SS	STAINLESS STEEL
SW	SWITCH
-T-	
TEMP	TEMPERATURE
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
TYP	TYPICAL
-U-	
UNO	UNLESS NOTED OTHERWISE
-V-	
V	VOLT(S)
VA	VOLT AMPERE
VFD	VARIABLE FREQUENCY DRIVE
-W-	
W	WATT(S)
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF
-X-	
XFMR	TRANSFORMER

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Key Plan

REVISIONS

REV NO	Description	Date:

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Design By: MRM
Checked By: TPA
Approved By:
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Seal and Signature

REGISTERED ARCHITECT — BARRY RALPH PRIM — 022463 — STATE OF NEW YORK
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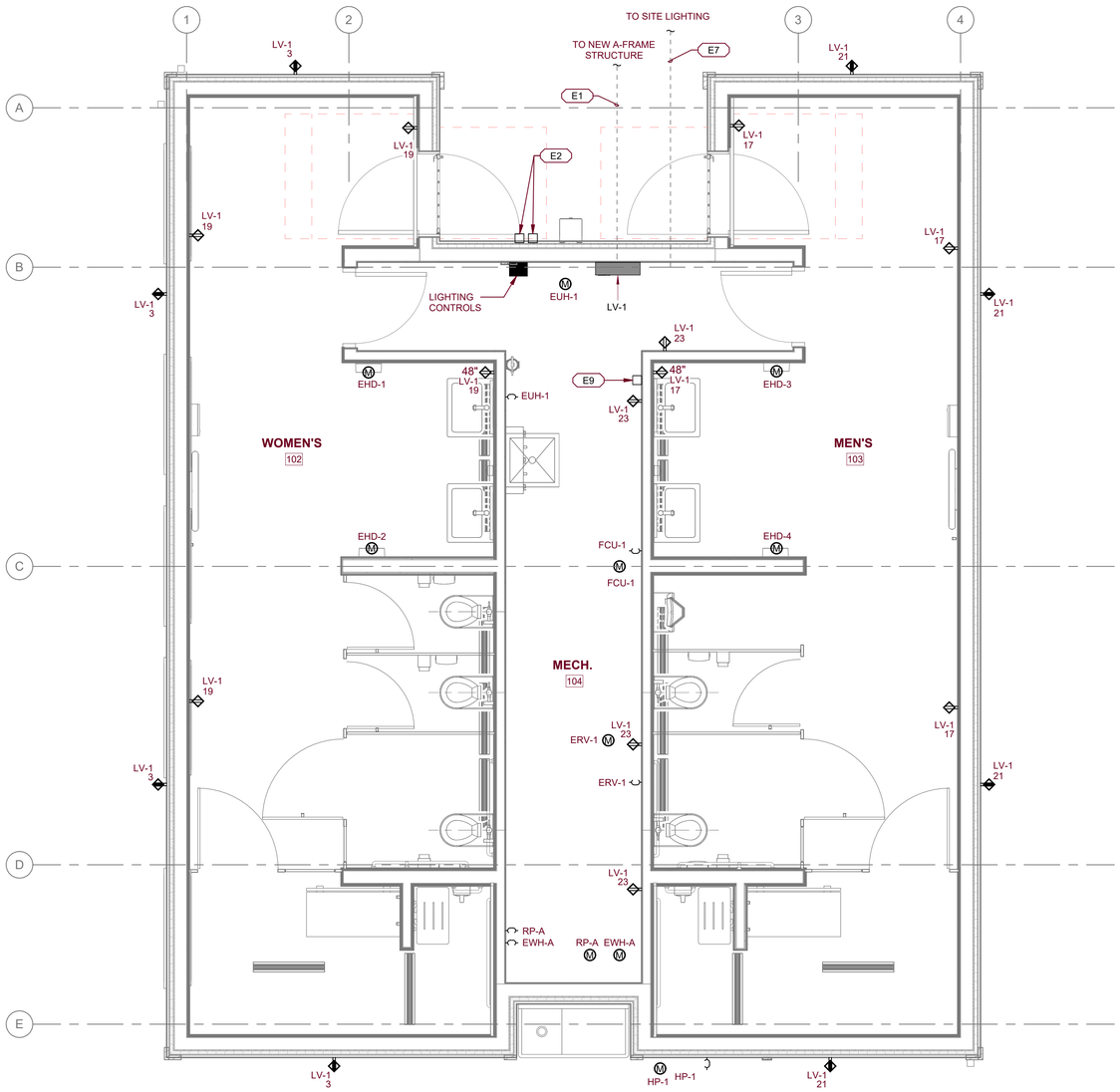
Sheet Title:
SYMBOLS AND ABBREVIATIONS

Drawing Number:
E-001

Project Number: 26007

Sheet: Page 47 of 52

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

KEYED NOTES - ELECTRICAL

KEYED NOTES LOCATED WITHIN A SPACE SHALL APPLY THROUGHOUT THE SPACE UNLESS OTHERWISE INDICATED.

XX → Ex-ELECTRICAL

E1	PROVIDE TWO (2) 3" CONDUITS FROM PANEL LV-1 TO NEW A-FRAME STRUCTURE. REFER TO SHEET C-104 FOR CONTINUATION AND A-FRAME LOCATION, REFER TO E-501 FOR MORE INFORMATION
E2	LOW TEMPERATURE AND POWER LOSS ALARM LIGHTS, SEE DETAIL 3/E-501
E7	PROVIDE ONE (1) 1" CONDUIT FOR BOLLARD LIGHTING. PROVIDE 2 - #8 AWG AND 1 #8 GND FOR BRANCH CIRCUITING. REFER TO SHEET C-104 FOR CONTINUATION.
E9	PROVIDE ONE (1) LOW TEMPERATURE ALARM THERMOSTAT, REFER TO DETAIL 3/E-501

NOTES:

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2. COORDINATE ELECTRICAL, MECHANICAL, PLUMBING. DO NOT LOCATE PIPING OR DUCTWORK ABOVE ELECTRICAL DISTRIBUTION PANELS WITHIN 6'-0" ABOVE THE TOP OF THE PANEL (OR TO STRUCTURAL CEILING, WHICHEVER IS LOWER).
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4. ALL WORK ON THIS DRAWING SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR (ECW), UNLESS NOTED OTHERWISE.
5. ALL WIRING IN FINISHED SPACES SHALL BE CONCEALED. WHERE NOT POSSIBLE, A MINIMAL AMOUNT OF SURFACE MOUNTED WIREMOLD WILL BE PERMISSIBLE. SUCH WIREMOLD SHALL BE COLOR COORDINATED TO MATCH ADJACENT SURFACES. WIRING IN MECH 104 AND ABOVE FINISHED CEILING SHALL BE IN SURFACE MOUNTED EMT.
6. EMERGENCY LIGHTING SHALL BE FED FROM NEAREST LOCAL LIGHTING CIRCUIT FROM THE UNSWITCHED LEG.

0' 1' 2' 4' 6' 8'
SCALE : 3/8" = 1'-0"

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New York State Parks, Recreation and Historic Preservation

Governor Kathy Hochul — Commissioner Kathy Moser

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Architectural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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RAVI ENGINEERING
2110 S. CLINTON AVE, SUITE 1
ROCHESTER, NY 14618
RAVI ENGINEERING

District: MID STATE
Region: FINGER LAKES

Project Title:
ROBERT TREMAN STATE PARK - RESTROOM #3

ROBERT TREMAN STATE PARK
ROBERT TREMAN STATE PARK
105 ENFIELD FALLS RD
ITHACA, NY 14850

Key Plan

REVISIONS

REV NO	Description	Date:

Drawn By: MRM
Design By: MRM
Checked By: TPA
Approved By:
Date: 09/11/2026

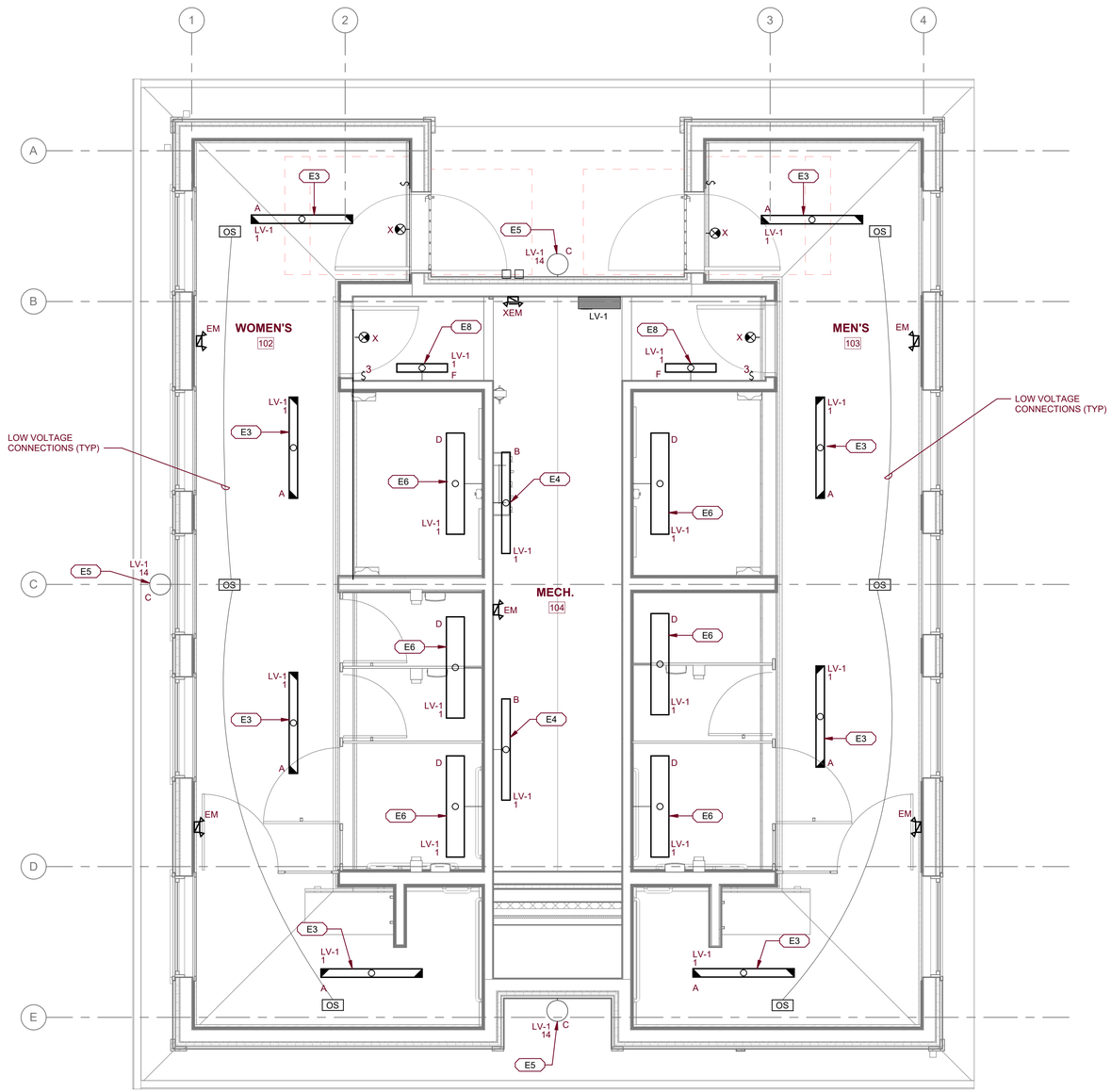
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REGISTERED ARCHITECT — HARRY HALPRIN — 022461 — STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
POWER PLAN

Drawing Number:
E-101

Project Number: 26007

Sheet: Page 48 of 52



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

KEYED NOTES - ELECTRICAL

KEYED NOTES LOCATED WITHIN A SPACE SHALL APPLY THROUGHOUT THE SPACE UNLESS OTHERWISE INDICATED.

XX → Ex-ELECTRICAL

E3	MOUNT 'A' FIXTURES AT 8'-6" AFF UNO. TYPICAL OF ALL.
E4	MOUNT 'B' FIXTURES AT 8'-6" AFF UNO. TYPICAL OF ALL.
E5	MOUNT 'C' FIXTURES AT 9'-0" AFF UNO. TYPICAL OF ALL.
E6	MOUNT 'D' FIXTURES AT 7'-6" AFF UNO. TYPICAL OF 6.
E8	MOUNT 'E' FIXTURES AT 8'-0" AFF UNO TYPICAL OF 2.

NOTES:

1. MAINTAIN 3'-0" CLEARANCE IN FRONT OF ALL DOMESTIC WATER PIPING COMPONENTS, AND ELECTRICAL DISTRIBUTION PANELS.
2. COORDINATE ELECTRICAL, MECHANICAL, PLUMBING. DO NOT LOCATE PIPING OR DUCTWORK ABOVE ELECTRICAL DISTRIBUTION PANELS WITHIN 6'-0" ABOVE THE TOP OF THE PANEL (OR TO STRUCTURAL CEILING, WHICHEVER IS LOWER).
3. EACH TRADE SHALL COORDINATE ALL VERTICAL AND HORIZONTAL RUNS PRIOR TO FRAMING. CONTRACTOR SHALL PROVIDE ALL PLATE PROTECTION FOR CONCEALED LINES AT ALL PLATES AND STUDS AS REQUIRED. DO NOT CUT THROUGH FRAMING UNLESS APPROVED BY DESIGN PROFESSIONAL.
4. ALL WORK ON THIS DRAWING SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR (ECW), UNLESS NOTED OTHERWISE.
5. ALL WIRING IN FINISHED SPACES SHALL BE CONCEALED. WHERE NOT POSSIBLE, A MINIMAL AMOUNT OF SURFACE MOUNTED WIREMOLD WILL BE PERMISSIBLE. SUCH WIREMOLD SHALL BE COLOR COORDINATED TO MATCH ADJACENT SURFACES. WIRING IN MECH 104 AND ABOVE FINISHED CEILING SHALL BE IN SURFACE MOUNTED EMT.
6. EMERGENCY LIGHTING SHALL BE FED FROM NEAREST LOCAL LIGHTING CIRCUIT FROM THE UNSWITCHED LEG.

0' 1' 2' 4' 6' 8'
SCALE : 3/8" = 1'-0"

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
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2110 S. CLINTON AVE, SUITE 1
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Key Plan

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Drawn By: MRM
Design By: MRM
Checked By: TPA
Approved By:
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT · HARRY HALPERIN · 032463 · STATE OF NEW YORK
Exp. 09/30/2026

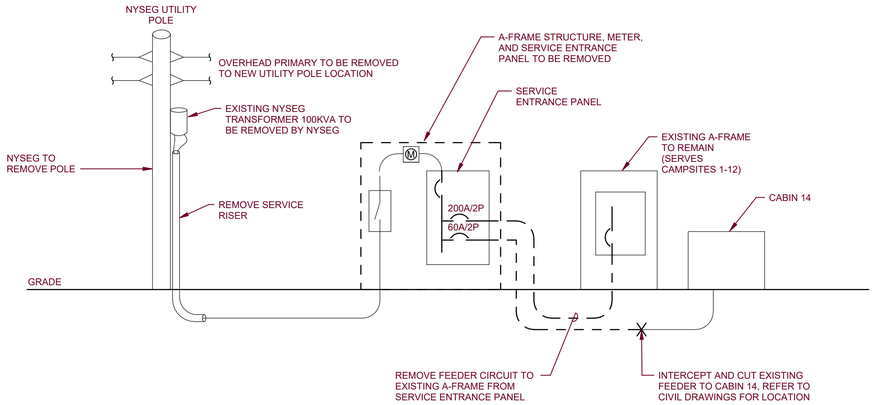
Sheet Title: LIGHTING PLAN

Drawing Number: **E-102**

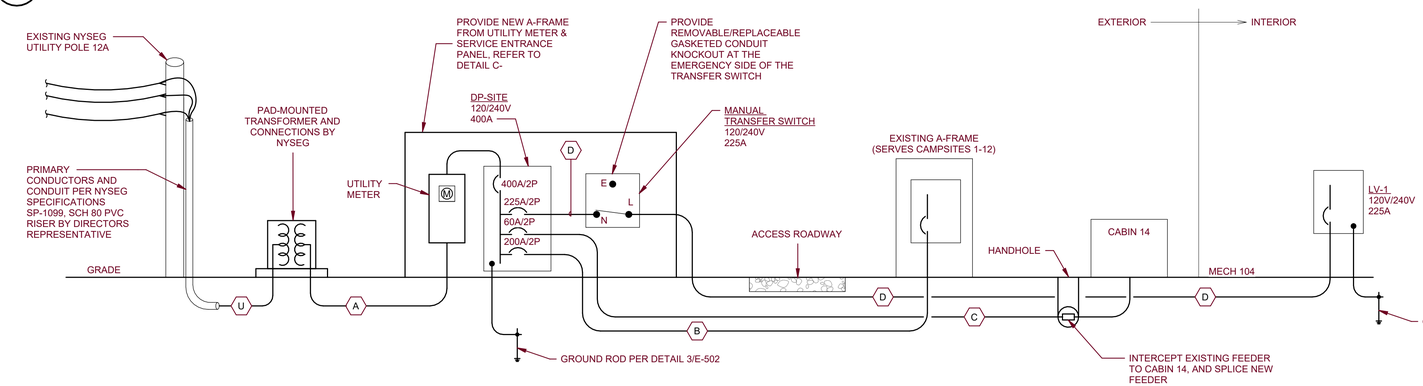
Project Number: 26007

Sheet: Page 49 of 52

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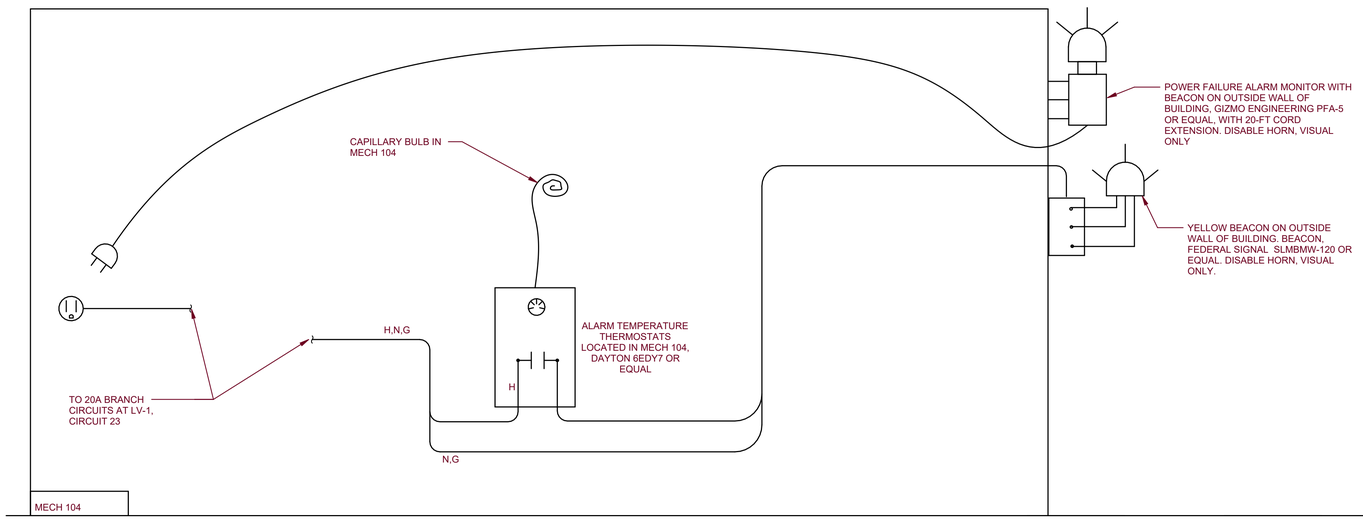
1 EXISTING SYSTEM ONE-LINE DIAGRAM
SCALE: NONE



FEEDER SCHEDULE

TYPE	DESCRIPTION - ALL FEEDERS TO BE ALUMINUM UNLESS NOTED OTHERWISE
A	TWO SETS OF 3 - #250 KCMIL AND 1 #4/0 AWG GROUND IN 2-1/2" CONDUIT
B	3 - #250 KCMIL AND 1 #4 AWG GROUND IN 2-1/2" CONDUIT
C	3 - #2 AWG AND 1 - #6 AWG GROUND IN 1-1/2" CONDUIT
D	3 - #300 KCMIL AND 1 - #2 AWG GROUND IN 2-1/2" CONDUIT
U	2 - 15KV #2 AWG IN 4" CONDUIT (CABLE TO MEET NYSEG SPECIFICATIONS SP-1099), BY DIRECTORS REPRESENTATIVE

2 SYSTEM ONE-LINE DIAGRAM - ALTERATION
SCALE: NONE



3 ONE-LINE DIAGRAM-POWER FAILURE AND LOW TEMPERATURE ALARMS
SCALE: NONE

NOTE:

1. ALL WORK ON THIS DRAWING IS BY THE ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE.

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115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

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BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
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MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
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2110 S. CLINTON AVE, SUITE 1
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Design By: MRM
Checked By: TPA
Approved By:
Date: 09/11/2026

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REGISTERED ARCHITECT BARRY HALPERN 022463 STATE OF NEW YORK
Exp. 09/30/2028

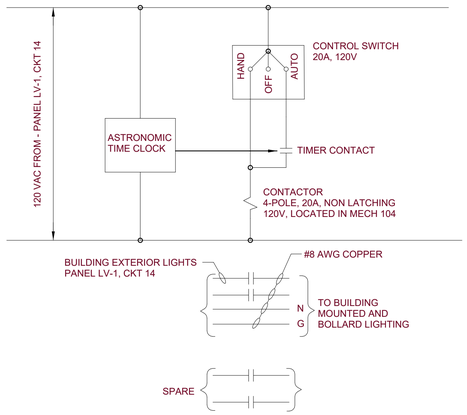
Sheet Title: DETAILS

Drawing Number: **E-501**

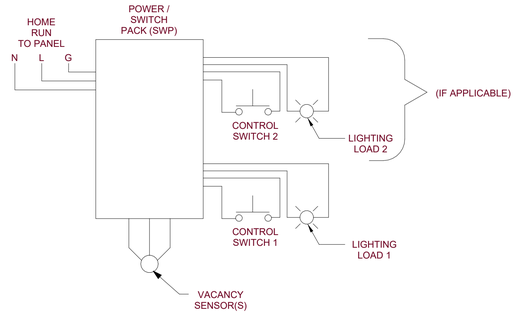
Project Number: 26007

Sheet: Page 50 of 52

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1 EXTERIOR LIGHTING CONTROLS
SCALE: NOT TO SCALE



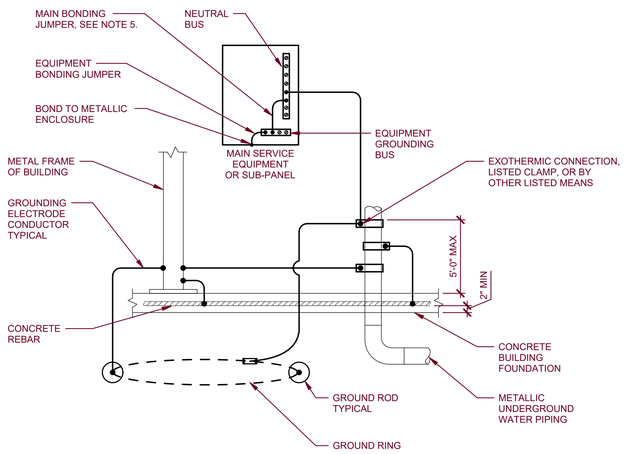
SEQUENCE OF OPERATION

1. LIGHTS SHALL BE MANUAL - ON ONLY.
2. VACANCY FROM ROOM TRIGGERS FIELD ADJUSTABLE TIMING RELAY.
3. IF NO MOVEMENT IS DETECTED DURING THE TIMING PERIOD, RELAY DE-ENERGIZES, TURNING LIGHTING LOAD OFF.

2 CEILING MOUNTED VACANCY SENSOR WIRING DIAGRAM
SCALE: NOT TO SCALE

NOTE:

1. ALL WORK ON THIS DRAWING IS BY THE ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE.



GENERAL NOTES

1. ALL CONDITIONS NOT NECESSARILY SHOWN.
2. PROVIDE ALL REQUIREMENTS AND SIZING PER NFPA 70.
3. GROUND ROD SHALL BE 5/8" X 10' LONG STAINLESS STEEL AND COPPER DRIVEN WITH TOP AT 1'-0" BELOW GRADE. REFER TO PLANS FOR QUANTITY AND LOCATIONS.
4. PROVIDE CONTINUOUS BONDING JUMPER AROUND WATER METER, IF PRESENT.
5. A MAIN BONDING JUMPER FOR GROUND AND NEUTRAL IS TO BE PROVIDED ONLY AT THE FIRST POINT OF DISCONNECT (PANEL DP-SITE).

3 ELECTRIC SERVICE GROUNDING
SCALE: NOT TO SCALE

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115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

Civil and Structural Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
SYRACUSE, NY 13204
beardsley architects + engineers

MEP Consultant
BEARDSLEY ARCHITECTS + ENGINEERS
115 SOLAR STREET, SUITE 102
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2110 S. CLINTON AVE, SUITE 1
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Key Plan

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REV.NO	Description	Date:

Drawn By: MRM
Design By: MRM
Checked By: TPA
Approved By:
Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT MARY MCPHAIL 022463 STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title:
DETAILS

Drawing Number:
E-502

Project Number: 26007

Sheet: Page 51 of 52

LV-1

LOCATION: MECH. 104 **VOLTS:** 120/240 Single **AIC RATING:** 22,000 AIC
SUPPLY FROM: DP-SITE **PHASES:** 1 **MAINS TYPE:** MCB
MOUNTING Surface **WIRES:** 3 **BUS RATING:** 225 A
ENCLOSURE: NEMA-12 **MCB RATING:** 225 A

CKT	Circuit Description	Amp	Poles	A		B		Poles	Amp	Circuit Description	CKT
1	INTERIOR LIGHTING	20	1	0.5	1.9			1	20	EHD-1, EHD-2	2
3	EXTERIOR RECEPT	20	1			0.7	1.9	1	20	EHD-3, EHD-4	4
5	ERV-1	15	2	0.3	0.7			2	15	FCU-1	6
7						0.3	0.7				8
9	EUH-1	20	2	1.5	4.3			2	60	HP-1	10
11						1.5	4.3				12
13	EWH-A	70	2	6.2	0.0			1	20	EXTERIOR LIGHTING	14
15						6.2	0.0	1	20	RP-A	16
17	MEN'S RECEPT	20	1	0.7	0.0			1	20	SPARE	18
19	WOMEN'S RECEPT	20	1			0.7	0.0	1	20	SPARE	20
21	EXTERIOR RECEPT	20	1	0.7	0.0			1	20	SPARE	22
23	MECH RECEPT	20	1			0.7	0.0	1	20	SPARE	24
25	SPARE	20	1	0.0	0.0			1	20	SPARE	26
27	SPARE	20	1			0.0	0.0	1	20	SPARE	28
29	SPACE	--	1	--	--			1	--	SPACE	30
			TOTAL LOAD:	16862 VA		17130 VA					

NOTES:

SERVICE RATED

DP-SITE

LOCATION: MECH. 104 **VOLTS:** 120/240 Single **AIC RATING:** 22,000 AIC
SUPPLY FROM: **PHASES:** 1 **MAINS TYPE:** MCB
MOUNTING Surface **WIRES:** 3 **BUS RATING:** 400 A
ENCLOSURE: NEMA-3R **MCB RATING:** 400 A

CKT	Circuit Description	Amp	Poles	A		B		Poles	Amp	Circuit Description	CKT
1	LV-1	225	2	16.9	21.5			2	200	EXISTING A-FRAME	2
3						17.1	21.5				4
5	CABIN 14	60	2	5.5	0.0			1	20	SPARE	6
7						5.5	0.0	1	20	SPARE	8
9	SPARE	20	1	0.0	0.0			1	20	SPARE	10
11	SPARE	20	1			0.0	0.0	1	20	SPARE	12
13	SPACE	--	1	--	--			1	--	SPACE	14
15	SPACE	--	1			--	--	1	--	SPACE	16
17	SPACE	--	1	--	--			1	--	SPACE	18
19	SPACE	--	1			--	--	1	--	SPACE	20
21	SPACE	--	1	--	--			1	--	SPACE	22
23	SPACE	--	1			--	--	1	--	SPACE	24
			TOTAL LOAD:	43862 VA		44130 VA					

NOTES:

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE

ITEM NUMBER	ITEM DESCRIPTION	ROOM LOCATION	HORSEPOWER (KILLOWATTS)	FULL LOAD AMPS (MCA)	VOLTS	PHASE	PANEL OR CONTROL CENTER	CIRCUIT NUMBER	CIRCUIT BREAKER	BRANCH CIRCUITING			CONTROL DEVICES &				REFERENCE NOTES
										CONDUIT	WIRE	GND	DISCONNECT SWITCH	MANUAL MOTOR STARTER	MAGNETIC CONTROLLER	COMBINATION MAGNETIC STARTER	PROVIDED WITH EQUIPMENT	
EHD-1	ELECTRIC HAND DRYER	WOMEN'S 102	(0.95)		120	1	LV-1	2	20A/1P	3/4"	2 #12	1 #12	-	-	-	-	-	
EHD-2	ELECTRIC HAND DRYER	WOMEN'S 102	(0.95)		120	1	LV-1	2	20A/1P	3/4"	2 #12	1 #12	-	-	-	-	-	
EHD-3	ELECTRIC HAND DRYER	MEN'S 103	(0.95)		120	1	LV-1	4	20A/1P	3/4"	2 #12	1 #12	-	-	-	-	-	
EHD-4	ELECTRIC HAND DRYER	MEN'S 103	(0.95)		120	1	LV-1	4	20A/1P	3/4"	2 #12	1 #12	-	-	-	-	-	
ERV-1	ENERGY RECOVERY VENTILATOR	MECH 104		10	240	1	LV-1	5,7	15A/2P	3/4"	2 #12	1 #12	X	-	-	-	-	1
EUH-1	ELECTRIC UNIT HEATER	MECH 104	(3)	(12.9)	240	1	LV-1	9,11	20A/2P	3/4"	2 #12	1 #12	X	-	-	-	-	1
EWH-A	ELECTRIC WATER HEATER	MECH 104	(12.3)		240	1	LV-1	13,15	70A/2P	1"	2 #4	1 #8	X	-	-	-	-	
FCU-1	FAN COIL UNIT	MECH 104		(4.13)	240	1	LV-1	6,8	15A/2P	3/4"	2 #12	1 #12	X	-	-	-	-	1
HP-1	HEAT PUMP	MECH 104	(12)	(45)	240	1	LV-1	10,12	60A/2P	1"	2 #6	1 #8	X	-	-	-	-	1
RP-A	RECIRCULATION PUMP	MECH 104	1/25	.84	120	1	LV-1	16	20A/1P	3/4"	2 #12	1 #12	X	-	-	-	-	2

ELECTRIC EQUIPMENT & CONTROL SCHEDULE GENERAL NOTES

A. ITEM NUMBER IS USED TO IDENTIFY EQUIPMENT AND ASSOCIATED CONTROL DEVICES ON PLANS.

B. CONTROL DEVICES ARE SHOWN ON PLAN WITH C SYMBOL.

C. ALL CONTROL INSTALLED BY ELECTRIC CONTRACTOR (ECW) UNLESS NOTED OTHERWISE.

D. ALL CONTROL DEVICES SURFACE MOUNTED UNLESS NOTED OTHERWISE.

E. VERIFY ACTUAL MOTOR SIZES WITH SUPPLIERS PRIOR TO INSTALLATION NOTIFY A/E OF ANY DISCREPANCIES.

F. CONDUCTOR SIZES ARE BASED IN COPPER

ELECTRIC EQUIPMENT & CONTROL SCHEDULE REFERENCE NOTES

1. CONNECT IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND CONTROL SEQUENCES SHOWN ON SHEET M-601 AND M-701.
2. CONNECT TO AQUASTAT IN ACCORDANCE WITH PLUMBING DRAWINGS.

LIGHT FIXTURE SCHEDULE

TYPE	Image	LIGHT FIXTURE DESCRIPTION	LUMENS -	COLOR	WATTS	VOLTAGE	MOUNTING	BALLAST/ DRIVER	DESIGN BASIS	APPROVED MANUFACTURERS	REMARKS
A		2"x4' LEC DIRECT/INDIRECT LINEAR	3460	3500	20.3	UNV	PENDANT	LED	COOPER LIGHTING SOLUTIONS S122DIP-C290D330U835-C4-JB-4F0-1-U-DD-F-1-W	APPROVED EQUALS ARE ACCEPTABLE	
AA		ROUND BOLLARD LED	914	3000	27	UNV	BOLLARD	LED	BEACON FN212LU3KDB	APPROVED EQUALS ARE ACCEPTABLE	NIGHT SKY COMPLIANT
B		4' WALL LED	6000	3500	52	UNV	WALL	LED	COOPER LIGHTING SOLUTIONS 4ASL4-15HE-35-UNV-ED1D-1	APPROVED EQUALS ARE ACCEPTABLE	
C		11" ROUND WALL LED	1200	3000	12	120	WALL	LED	WAC LIGHTING WS-W15710-3000K-BZ12W-1200	APPROVED EQUALS ARE ACCEPTABLE	NIGHT SKY COMPLIANT
D		4' DIRECT/INDIRECT WALL LED	3400	3500	34.1	120	WALL	LED	POSE LIGHTING - PSKDI-R-LS-LF-850-35-4-W-120-DP-1-MT-RWHU	APPROVED EQUALS ARE ACCEPTABLE	
EM		DUAL HEAD LED EMERGENCY LIGHT				120	WALL	LED	LITHONIA LIGHTING EU2C M6	APPROVED EQUALS ARE ACCEPTABLE	
F		2' WALL LED	3000	3500	26	UNV	WALL	LED	COOPER LIGHTING SOLUTIONS 2ASL4-15HE-35-UNV-ED1D-1	APPROVED EQUALS ARE ACCEPTABLE	
X		LED EXIT SIGN				120	WALL	LED	LITHONIA LIGHTING EXRG EL M6	APPROVED EQUALS ARE ACCEPTABLE	
XEM		COMBO EXIT/EMERGENCY DUAL HEAD LED LIGHT				120	WALL	LED	LITHONIA LIGHTING ECRG SQ M6	APPROVED EQUALS ARE ACCEPTABLE	

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Date: 09/11/2026

Seal and Signature
REGISTERED ARCHITECT * HARRY HAUPRICH * 032463 * STATE OF NEW YORK
Exp. 09/30/2028

Sheet Title: SCHEDULES

Drawing Number: **E-601**

Project Number: 26007

Sheet: Page 52 of 52

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