

WATKINS GLEN DRI LAFAYETTE PARK

VILLAGE OF WATKINS GLEN, SCHUYLER COUNTY, NEW YORK

09/28/2022

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BASE BID

- NEW ASPHALT SHINGLE ROOF FOR EXISTING PAVILION
- ENGINEERED WOOD FIBER MULCH PLAY SURFACE WITH WOODEN EDGE RESTRAINT
- NEW SEASONAL RESTROOM WITH CONCRETE PLAZA AND WALK TO PAVILION (SEE SITE PLAN)

ADD ALTERNATE #1

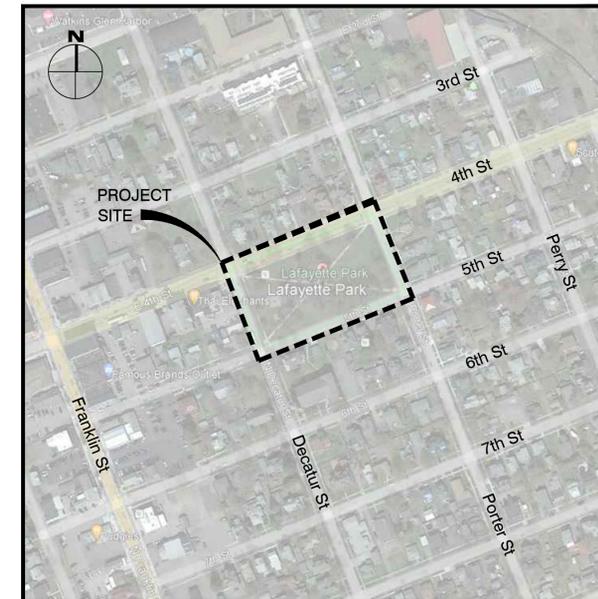
- NEW CONCRETE WALKWAY ON 5TH STREET FROM DECATUR ST TO PORTER STREET INTERSECTIONS
- NEW CONCRETE WALKWAY ALONG PORTER STREET FROM 4TH ST TO 5TH ST

ADD ALTERNATE #2

- NEW PEDESTRIAN SITE LIGHTING, INCLUDING POLES, BASES, CONDUIT AND ELECTRICAL CONNECTIONS

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5	0	C120	09/28/2022	SITE MATERIALS AND LAYOUT PLAN
6	0	C130	09/28/2022	GRADING, DRAINAGE, UTILITY AND EROSION & SEDIMENT CONTROL PLAN
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LOCATION MAP



It is a violation of New York Education Law Article 145 Sec. 7209, for any person, unless acting under the direction of a licensed architect, professional engineer, land surveyor, landscape architect or geologist to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, land surveyor, landscape architect or geologist shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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WATKINS GLEN**

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

**WATKINS GLEN DRI
LAFAYETTE PARK**

VILLAGE OF WATKINS GLEN

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 32158.00

DRAWN BY: JQ

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TITLE SHEET

DRAWING NUMBER:

G001





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TESTING GRAVITY SEWER SYSTEM NOTES:

- CONTRACTOR SHALL INSPECT AND TEST THE INSTALLATIONS AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION WHEN WORK IS READY FOR TESTING. AFTER ALL TESTS HAVE BEEN PERFORMED, EVIDENCE OF COMPLIANCE SHALL BE FORWARDED TO OWNER/ENGINEER AND THE AUTHORITY HAVING JURISDICTION PRIOR TO ACCEPTANCE.
- THE CONTRACTOR SHALL TEST AND INSPECT FOR ALIGNMENT AND INFILTRATION AND EXFILTRATION OF ALL SANITARY SEWERS AND RELATED UTILITY STRUCTURES. INFILTRATION OR EXFILTRATION OF THE SANITARY SEWER SYSTEM SHALL NOT EXCEED 0.80 GAL/INCH OF INTERNAL PIPE DIAMETER PER 1000' OF PIPELINE PER HOUR WITH A MINIMUM HYDROSTATIC HEAD AT THE TOP OF THE PIPE OF 2 FT. OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. WHEN INFILTRATION OR EXFILTRATION OCCURS IN EXCESS OF ALLOWABLE AMOUNT, DEFECTS SHALL BE LOCATED AND REPAIRED.
- INFILTRATION LEAKAGE TESTS SHALL BE RUN ON EACH SINGLE MANHOLE-TO-MANHOLE SECTION, OR REACH, INDEPENDENTLY OF ALL OTHER MANHOLE-TO-MANHOLE SECTIONS. A PIPELINE SECTION UNDER TEST SHALL INCLUDE ALL PIPE AND FITTINGS BETWEEN THE TWO MANHOLES PLUS THE UPSTREAM MANHOLE.
- EACH MANHOLE-TO-MANHOLE SECTION SHALL BE REJECTED OR ACCEPTED BASED ONLY ON RESULTS OF ITS OWN INDEPENDENT SECTION TEST AND NOT ON RESULTS OF ANY ONE TEST RUN SIMULTANEOUSLY OVER MORE THAN ONE CONSECUTIVE MANHOLE-TO-MANHOLE SECTION. THE ONLY EXCEPTION ALLOWED: ACCEPTING SEVERAL CONSECUTIVE MANHOLE-TO-MANHOLE SECTIONS BASED ON ONE COMBINED INFILTRATION TEST INDICATING ZERO INFILTRATION.
- INFILTRATION TESTS SHALL BE MADE BY INSTALLING A FLOW MEASURING DEVICE IN THE DOWNSTREAM MANHOLE OF SECTION BEING TESTED. TEST DURATION SHALL BE 24 HRS. OR FOR SHORTER PERIOD, PROVIDED A STEADY STATE FLOW CONDITION HAS BEEN ACHIEVED IN THE TEST PERIOD, AND RESULTS PROJECTED TO A 24 HR PERIOD.
- EXFILTRATION TESTS SHALL BE RUN ON EACH SINGLE MANHOLE-TO-MANHOLE SECTION, OR REACH, INDEPENDENTLY OF ALL OTHER MANHOLE-TO-MANHOLE SECTIONS. A PIPELINE SECTION UNDER TEST SHALL INCLUDE ALL PIPE AND FITTINGS BETWEEN THE TWO MANHOLES PLUS THE UPSTREAM MANHOLE.
- EXFILTRATION TESTS SHALL BE MADE BY MEASURING THE DROP IN WATER ELEVATION IN THE UPSTREAM MANHOLE 24 HRS AFTER INITIAL WATER LEVEL IS RECORDED. INITIAL WATER LEVEL IN UPSTREAM MANHOLE SHALL BE 2 FEET HIGHER THAN EITHER THE TOP OF PIPE OR DOWNSTREAM ELEVATION AT THE DOWNSTREAM MANHOLE. ANY MANHOLE-TO-MANHOLE SECTION UNDERGOING AN EXFILTRATION TEST MUST HAVE THE NEXT ADJACENT SECTIONS, BOTH UPSTREAM AND DOWNSTREAM, DRY AND NOT UNDER TEST. THIS PROCEDURE MINIMIZES HYDROSTATIC PRESSURE PLACED ON STOPPERS, PLUGS, AND END CAPS.
- LOW PRESSURE AIR TESTING MAY BE ALLOWED IN LIEU OF EXFILTRATION TESTS ONLY, WHEN SO ALLOWED, TEST SHALL BE PERFORMED UNDER DIRECTION OF ENGINEER ACCORDING TO ASTM F1417. LOW PRESSURE AIR TEST IS A COMPARISON OF THE MEASURED TIME NECESSARY FOR ONE (1) PSIG PRESSURE DROP TO OCCUR, IF AT ALL, WITH MINIMUM ALLOWABLE TIME FOR THAT PRESSURE DROP TO OCCUR DETERMINED BY METHODS INDICATED IN ASTM F1417. IF THE ONE (1) PSIG PRESSURE DROP OCCURS FASTER THAN ALLOWABLE TIME, SECTION IS UNACCEPTABLE.
- AN AIR TEST SHALL NOT BE RUN UNTIL SECTION OF LINE TO BE TESTED HAS BEEN CLEANED OF ALL FOREIGN MATERIAL BY FLUSHING AND HAS BEEN VISUALLY INSPECTED AND APPROVED BY THE ENGINEER. CERTAIN PIPE MATERIALS PRODUCE MORE CONSISTENT RESULTS WHEN INTERIOR OF PIPE IS WETTED PRIOR TO TESTING.
- WHERE AIR-TESTING IS TO BE USED FOR LINE ACCEPTANCE, CORROBORATIVE HYDROSTATIC TESTING SHALL BE PERFORMED ON SEWER INSTALLATION OF THE SAME PIPE SIZE, MATERIAL, AND CONDITIONS OF INSTALLATION. SEWER SECTIONS WHICH INDICATE RATES OF AIR LOSS PER UNIT OF SURFACE AREA WHICH MOST NEARLY APPROXIMATE RATE FOR PIPELINE ACCEPTANCE SHOULD BE SELECTED FOR CORROBORATIVE TESTS. AT LEAST 3 SECTIONS ARE TO BE SO TESTED. THE PURPOSE OF THESE CORROBORATIVE TESTS IS TO PERMIT A REASONABLE ASSUMPTION THAT, IF THESE 3 TEST SECTIONS MEET THE HYDROSTATIC TEST, THE BALANCE OF PROJECT ALSO MEETS OR EXCEEDS THESE REQUIREMENTS. IF AIR TEST IS NOT SUPPORTED BY ACCEPTABLE CORROBORATIVE HYDROSTATIC TESTS, COMPLETE HYDRO-STATIC TESTING OF SEWER LINES SHALL BE REQUIRED.
- WHERE FLEXIBLE PIPE IS USED, CONTRACTOR SHALL TEST ALL MAINLINE PIPE FOR MAXIMUM ALLOWABLE DEFLECTION OF 5% OF OUTSIDE DIAMETER. DEFLECTION TESTS SHALL BE PERFORMED USING A CIRCULAR STEEL BALL ON SLED 1/16-INCH IN DIAMETER SMALLER THAN ALLOWABLE INSIDE DIAMETER OF FLEXIBLE PIPE WHEN DEFLECTED A MAXIMUM OF 5% OF OUTSIDE DIAMETER. DEFLECTION TESTING OF ANY PIPE SHALL BE DONE NO SOONER THAN 30 DAYS AFTER DATE OF INSTALLATION OF PIPE SECTION UNLESS WRITTEN EXCEPTION.
- SEWERS SHALL BE LAID WITH STRAIGHT ALIGNMENT BETWEEN MANHOLES. STRAIGHT ALIGNMENT SHALL BE CHECKED EITHER USING A LASER BEAM OR LAMPING. TESTING SHALL COMPLY WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- MANHOLES, WHICH CANNOT BE PROPERLY AIR TESTED, SHOULD BE VISUALLY INSPECTED AND LEAKAGE-TESTED USING INTERNAL OR EXTERNAL HYDROSTATIC PRESSURE. LEAKAGE TESTING SHALL COMPLY WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- IN AREAS WHERE CONVENTIONAL TESTING IS IMPRACTICAL (I.E. AREAS DESIGNATED BY ENGINEER WHERE EXISTING SERVICES ARE TIED INTO NEW LINE IMMEDIATELY AND ANY BLOCKAGE COULD RESULT IN HEALTH PROBLEMS) NO LINES SHALL BE BACKFILLED UNTIL EACH PIPE SECTION AND CONNECTION IS INSPECTED AND APPROVED.
- WHERE SEWERS ARE CONSTRUCTED OF PRESSURE-RATED PIPE AND INSTALLED WITH LESS THAN 18 INCHES VERTICAL SEPARATION FROM EXISTING OR PROPOSED WATER MAINS, SEWERS SHALL BE HYDROSTATICALLY TESTED TO 2 PSI TO ASSURE WATER TIGHTNESS. HYDROSTATIC ACCEPTANCE TESTS SHALL BE CONDUCTED AS SPECIFIED FOR TESTING WATER MAINS, EXCEPT THAT TESTING MAY BE PERFORMED WITH THE PIPE SECTION PARTIALLY BACK-FILLED.
- IF THE ALLOWABLE RATE OF INFILTRATION, EXFILTRATION, OR AIR LEAKAGE IS EXCEEDED, THE CONTRACTOR SHALL LOCATE POINTS OF EXCESSIVE LEAKAGE AND SHALL PROMPTLY CORRECT, REPAIR, AND BRING SYSTEM UP TO THE STANDARD. COSTS OF ALL SUCH REPAIRS AND CORRECTIVE MEASURES, INCLUDING COSTS OF REPEATED TESTS, SHALL BE BORN BY CONTRACTOR. THE SEWER LINE SECTION (INCLUDING MANHOLES AND BUILDING SERVICES) UNDER TEST SHALL NOT BE ACCEPTED UNTIL THESE TEST CRITERIA ARE MET.

LANDSCAPING NOTES:

- THE LANDSCAPE CONTRACTOR SHALL CAREFULLY COORDINATE CONSTRUCTION ACTIVITIES WITH THAT OF THE EARTHWORK CONTRACTOR AND OTHER SITE DEVELOPMENT.
 - THE CONTRACTOR SHALL VERIFY DRAWING DIMENSIONS WITH ACTUAL FIELD CONDITIONS AND INSPECT RELATED WORK AND ADJACENT SURFACES. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL FINISH GRADES WITHIN THE WORK AREA. THE CONTRACTOR SHALL REPORT TO THE LANDSCAPE ARCHITECT/ENGINEER AND OWNER ALL CONDITIONS WHICH PREVENT PROPER EXECUTION OF THIS WORK.
 - THE EXACT LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND UNDERGROUND UTILITIES, WHICH MAY NOT BE INDICATED ON THE DRAWINGS, SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITY SERVICES AND IS RESPONSIBLE FOR THEIR REPLACEMENT IF DAMAGED.
 - THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM RUBBISH AND ALL DEBRIS AT ALL TIMES AND SHALL ARRANGE MATERIAL STORAGE SO AS NOT TO INTERFERE WITH THE OPERATION OF THE PROJECT. ALL UNUSED MATERIALS, RUBBISH AND DEBRIS SHALL BE REMOVED FROM THE SITE.
 - SEEDING & PLANTING SEASONS AND TIMING CONDITIONS:
 - UNLESS OTHERWISE DIRECTED IN WRITING, SEED LAWNS FROM MARCH 15 TO JUNE 15, AND FROM AUGUST 15 TO OCTOBER 15.
 - UNLESS OTHERWISE DIRECTED IN WRITING PLANT TREES AND SHRUBS FROM MARCH 15 TO JUNE 1, AND FROM AUGUST 15 TO OCTOBER 30.
 - AREAS UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WHERE LAWNS OR PLANTINGS ARE TO BE ESTABLISHED AND WORK IS COMPLETE, SHALL BE RESTORED WITH PERMANENT VEGETATIVE COVER AS SOON AS SITE AREAS ARE AVAILABLE AND WITHIN 14 DAYS AFTER WORK IS COMPLETE; WORK SHALL BE WITHIN THE SEASONAL LIMITATIONS FOR EACH KIND OF LANDSCAPE WORK REQUIRED. PROVIDE STABILIZATION WITH TEMPORARY VEGETATIVE COVER (TOPSOIL AND TEMPORARY COVER SEED MIX) WITHIN 14 DAYS AFTER WORK IS COMPLETE, FOR SEEDING OUTSIDE PERMITTED SEEDING PERIODS.
 - PRODUCTS:
 - IMPORTED TOPSOIL: PROVIDE TOPSOIL CONFORMING TO THE FOLLOWING:
 - LOAM TOPSOIL, WELL DRAINED HOMOGENEOUS TEXTURE AND OF UNIFORM GRADE, WITHOUT THE ADMIXTURE OF SUBSOIL MATERIAL AND FREE OF DENSE MATERIAL, HARDPAN, CLAY, STONES, SOO OR OTHER OBJECTIONABLE MATERIAL.
 - CONTAINING NOT LESS THAN 5% NOR MORE THAN 20% ORGANIC MATTER IN THAT PORTION OF A SAMPLING PASSING A 1/4" SIEVE WHEN DETERMINED BY THE WET COMBUSTION METHOD ON A SAMPLE DRIED AT 105°C.
 - CONTAINING A PH VALUE WITHIN THE RANGE OF 6.5 TO 7.5 ON THAT PORTION OF THE SAMPLE WHICH PASSES A 1/4" SIEVE.
 - CONTAINING THE FOLLOWING WASHED GRADATIONS:

SIEVE DESIGNATION	% PASSING
1"	100
1/4"	97-100
No 200	20-60
 - SEED MIXTURE: PROVIDE FRESH, CLEAN, NEW-CROP SEED MIXED IN THE PROPORTIONS SPECIFIED FOR SPECIES AND VARIETY, AND CONFORMING TO FEDERAL AND STATE STANDARDS. PROVIDE THE FOLLOWING MIXTURES:
 - LAWN SEED MIX

SUN AND PARTIAL SHADE:	AMOUNT BY:	MINIMUM %	
WEIGHT	SPECIES OR VARIETY	PURITY	GERMINATION
50%	KENTUCKY BLUE GRASS*	95%	80%
20%	PERENNIAL RYE	98%	90%
30%	CREeping RED FESCUE	97%	85%

 *MINIMUM 2 (EQUAL PROPORTIONS) VARIETIES AS LISTED IN CORNELL RECOMMENDATIONS FOR TURFGRASS.

 100%

 *MINIMUM 2 (EQUAL PROPORTIONS) VARIETIES AS LISTED IN CORNELL RECOMMENDATIONS FOR TURFGRASS.
- LINE: NATURAL LIMESTONE CONTAINING AT LEAST 85% OF TOTAL CARBONATES, GROUND TO SUCH FINENESS THAT AT LEAST 90% PASSES A 10-MESH SIEVE AND AT LEAST 50% PASSES A 100-MESH SIEVE.
- FERTILIZER:
 - FOR STARTER FERTILIZING: COMMERCIAL STARTER FERTILIZER, GRANULAR, NONBURNING PRODUCT CONTAINING 5% NITROGEN, 10% AVAILABLE PHOSPHOROUS, AND 5% WATER SOLUABLE POTASH (5-10-5).
 - FOR FINAL FERTILIZING: IF APPLIED IN SPRING SEASON, SHALL BE A SLOW RELEASE COMMERCIAL FERTILIZER, GRANULAR, WITH 3-1-2 NPK. IF APPLIED IN FALL SEASON, SHALL BE AS SPECIFIED IN (B.D.) ABOVE.
- MULCH:
 - LAWN AREAS
OAT OR WHEAT STRAW, FREE OF WEEDS. AN ALTERNATIVE IS WOOD FIBER CELLULOSE IF HYDROSEEDING IS USED.
- EXECUTION:
 - LANDSCAPE WORK SHALL BE UNDERTAKEN AS SOON AS SITE AREAS ARE AVAILABLE.
 - TOPSOIL SHALL BE SPREAD NO LESS THAN 4" OVER SUB-GRADE MATERIAL. SOIL AMENDMENTS SHALL BE THOROUGHLY MIXED INTO THE TOP 4" OF TOPSOIL, FOLLOWING THE SPECIFICATIONS STATED BELOW.
 - PERFORM FINE GRADING TO FINISHED ELEVATION ONLY IMMEDIATELY PRIOR TO PLANTING. PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN SURFACE, FREE OF DEPRESSIONS OR RIDGES WITH A UNIFORM LOOSE, FINE TEXTURE.
 - FERTILIZING:
 - THE SOIL SHALL BE TESTED FOR PH AND LIME ADDED AS NECESSARY. ALL AMENDMENTS SHALL BE CHECKED AND APPROVED BY LANDSCAPE ARCHITECT BEFORE AMENDMENTS ARE MADE.
 - APPLY FERTILIZER AT RATE OF 4 LBS/1000 SF FOR LAWN AREAS.
 - LAWN:
 - LAWN SEED MIX: SEED AT THE RATE OF 5 TO 6 LBS PER 1,000 SF.
 - ALL SEEDED AREAS SHALL BE PROTECTED FROM EROSION BY ONE OF THE FOLLOWING METHODS:
 - A UNIFORM BLANKET OF STRAW APPLIED AT A RATE OF 2 TONS/ACRE MIN. TO BE APPLIED ONCE SEEDING IS COMPLETE.
 - WOOD FIBER CELLULOSE APPLIED WITH SEED MIX BY A HYDROSEEDER AT A RATE OF 2,000 LBS/ACRE.
 - ALL NEWLY PLANTED AREAS SHALL BE KEPT MOIST BY WATERING UNTIL GRASSES AND GROUND COVERS ARE WELL ESTABLISHED. THE LANDSCAPE CONTRACTOR MUST WATER PLANT MATERIAL WHEN NECESSARY FOR 60 DAYS AFTER INSTALLATION.
 - LAWNS ARE TO BE WARRANTED UNTIL THEY BECOME ESTABLISHED, UNTIL FINAL ACCEPTANCE, AND NOT LESS THAN 60 DAYS AFTER COMPLETION OF ALL WORK. TREES, SHRUBS, GROUND COVERS, AND PERENNIALS SHALL BE WARRANTED AGAINST DEFECTS INCLUDING POOR GROWTH AND DEATH, EXCEPT WHEN RESULTING FROM OWNER NEGLECT, INCIDENTS THAT ARE BEYOND THE CONTROL OF THE LANDSCAPE INSTALLER AND DAMAGE OR ABUSE BY OTHERS, FOR AT LEAST ONE FULL YEAR AFTER PROJECT COMPLETION.

GRADING NOTES:

- PRIOR TO SITE DISTURBANCE, CONTRACTOR TO INSTALL EROSION & SEDIMENT CONTROL MEASURES.
- STRIP ALL TOPSOIL PRIOR TO COMMENCING EARTHWORK OPERATIONS. TOPSOIL MAY BE STORED AND REUSED IN LAWN AND PLANTING AREAS ONLY. TOPSOIL, SEED AND MULCH ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE TO REMAIN GREEN.
- BOX ALL TREES AND HEDGES ALL SHRUBS AND HEDGES BEFORE PLACING EARTH AGAINST OR NEAR THEM. ORNAMENTAL TREES, SHRUBS AND HEDGES WHICH MUST BE REMOVED DURING CONSTRUCTION SHALL BE HEALED IN AND RE-PLANTED IN AS GOOD A CONDITION AS THEY WERE BEFORE THEIR REMOVAL. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL EARTHWORK SHALL BE SMOOTHLY AND EVENLY BLENDED INTO EXISTING CONDITIONS. NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE BOUNDARIES OF ANY EASEMENT OR PROPERTY LINE, EXCEPT AS EXPRESSLY PERMITTED.
- REMOVE AND DISPOSE OF LEGALLY OFF-SITE ALL VEGETATION, TREES, STUMPS, GRASSES, ORGANIC SOILS, DEBRIS AND DELETERIOUS MATERIALS WITHIN THE AREAS SLATED FOR DEMOLITION WITHIN THE CONSTRUCTION LIMITS.
- IT IS THE INTENT OF THIS PLAN FOR ALL SITE GRADING TO DRAIN & NO PONDING OCCURS. MINIMUM SLOPE OF AT LEAST ONE PERCENT ALONG THE FLOW LINE AND CROSS SLOPE ON ALL PAVED OR CONCRETE SURFACES UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE WITH ENGINEER FOR ANY DEVIATIONS OR AREA ON THE PLAN WHERE THE SITE DOES NOT MEET THESE REQUIREMENT.

UTILITY PLAN NOTES:

GENERAL CONSTRUCTION NOTES:

- ALL UNDERGROUND UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION AND ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL VERIFY THEIR ACTUAL LOCATION IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- ANY CONDITION ENCOUNTERED IN THE FIELD DIFFERING FROM THOSE SHOWN HEREON, SHALL BE REPORTED TO THE DESIGN ENGINEER BEFORE CONSTRUCTION IS TO PROCEED.
- SEWER MAINS IN RELATION TO WATER MAINS: WHERE POSSIBLE, SEWERS SHALL BE LAID AT LEAST 10 (TEN) FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. VERTICAL SEPARATION SHALL BE MAINTAINED TO PROVIDE A MINIMUM OF 18 (EIGHTEEN) INCHES BETWEEN TOP OF SEWER AND BOTTOM OF THE WATER MAIN AT UTILITY CROSSINGS. WHEN NOT POSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION, SEWER PIPE SHALL BE PRESSURE RATED AND TESTED @ 150psi, 10 (TEN) FEET ON EACH SIDE OF THE WATER MAIN BEING CROSSED.
- ALL PROPOSED UTILITIES SHALL TERMINATE 5 FEET FROM ANY PROPOSED BUILDING FACE. CONTRACTOR TO COORDINATE WITH BUILDING PLANS FOR ANY CONNECTIONS.
- ALL STORM SEWER SHALL BE SMOOTH INTERIOR HDPE UNLESS OTHERWISE SPECIFIED.
- ALL GRAVITY SANITARY SEWER SHALL BE SDR 35 PVC UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR TO VERIFY STATUS OF ALL UTILITY SERVICES PRIOR TO INTERRUPTION.
- EXPLORATORY EXCAVATIONS SHALL BE PERFORMED BY THE CONTRACTOR AT ALL UTILITY CONNECTION LOCATIONS AND AS NEEDED TO VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK.
- BEFORE CONSTRUCTING LINES TO CONNECT TO EXISTING UTILITIES, VERIFY EXISTING UTILITY INVERTS AND NOTIFY THE ENGINEER IF ANY VARIATION FROM THE PLAN IS REQUIRED.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES IN SERVICE FOR THE DURATION OF THE WORK.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS AND ASSOCIATED CONDITIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING UTILITY TRENCHES AND EXCAVATIONS AND FOR THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF THE WORK.

COMPACTION REQUIREMENTS

LOCATION	COMPACTION	TESTING FREQUENCY
PIPE TRENCH BACKFILL (IN PAVED AREAS)	95% ASTM D1557	1 SERIES OF TESTS FOR EACH 150 FT OR LESS OF TRENCH LENGTH. SERIES INCLUDE 3 COMPACTION TESTS SPREAD EVENLY ALONG TRENCH PROFILE.
PIPE TRENCH BACKFILL (IN UNPAVED AREAS)	90% ASTM D1557	1 SERIES OF TESTS FOR EACH 150 LF OR LESS OF TRENCH LENGTH. SERIES INCLUDE 3 COMPACTION TESTS SPREAD EVENLY ALONG TRENCH PROFILE.
PIPE BEDDING AND PIPE ZONE BACKFILL	95% ASTM D1557	1 TEST FOR EACH 150 FT OR LESS OF TRENCH LENGTH.
PAVEMENT SUBBASE AND LAST LIFT OF SELECT GRANULAR FILL (FILL BETWEEN SHEET PILES)	95% ASTM D1557	1 TEST FOR EVERY 2,000 SQ FT. OF LIFT AREA BUT NO FEWER THAN TWO TESTS PER LIFT

SITE & GRADING PLAN NOTES:

GENERAL CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AND UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED LAND SURVEYOR.
- ALL PAVEMENT RESTORATION SHALL MEET AND MATCH EXISTING GRADES.
- ALL SAWCUT LINES SHALL BE PARALLEL AND CURVILINEAR TO EXISTING OR PROPOSED CURBING AND SHALL BE A CONSTANT DISTANCE OF 18" MIN AWAY.
- ALL ARCHITECTURE IS SUBJECT TO PLANNING BOARD REVIEW.
- NOTIFY ENGINEER 48 HOURS PRIOR TO INITIALIZATION OF ANY WORK ON SITE.
- THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR EMPLOYING AND MAINTAINING ALL TRAFFIC CONTROL AND SAFETY CONSTRUCTION EQUIPMENT AND PERSONNEL THROUGHOUT THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR PROPERLY & SAFELY MAINTAINING AREA BETWEEN ALL ADJOINING PROPERTIES.
- NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE SITE PROPERTY LINES OR PUBLIC RIGHT-OF-WAY.
- ALL EXISTING LAWN AREA, CURBING, PAVING, SIDEWALKS, CULVERTS OR OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED BY TRENCHING OR EXCAVATION OPERATIONS SHALL BE REPLACED OR REPAIRED TO A CONDITION EQUAL TO EXISTING, AS DESCRIBED IN CONTRACT DOCUMENTS OR AS ORDERED BY ENGINEER (AOBE). MAILBOXES, SIGN POSTS, ETC SHALL BE PROTECTED OR REMOVED AND REPLACED EXACTLY AS THEY WERE BEFORE BEING DISTURBED. REMOVE AND REPLACE AFFECTED CURBING AND SIDEWALK TO NEAREST JOINT. REMOVE PAVEMENT AND REPLACE TO SAW CUT LINE, SAW CUT IN STRAIGHT LINE TO POINT NEEDED TO BLEND GRADE, REMOVE LAWN AND REPLACE TO MINIMUM LIMIT OF EXCAVATION.
- IF PREVIOUSLY UNKNOWN CULTURAL, ARCHEOLOGICAL, OR HISTORIC REMAINS OR ARTIFACTS ARE DISCOVERED IN THE COURSE OF CONSTRUCTION OF THE PROJECT, THE PROJECT SPONSORS SHALL SUSPEND CONSTRUCTION OPERATIONS IN THE PERTINENT AREA AND SHALL NOTIFY THE PROJECT ENGINEER. CONSTRUCTION IN THAT AREA SHALL RESUME ONLY AFTER COMPLETION OF FEDERAL, TRIBAL, AND STATE COORDINATION TO DETERMINE WHETHER PROTECTION OR RECOVERY OF THE REMAINS IS WARRANTED, OR WHETHER THE SITE IS ELIGIBLE FOR LISTING IN THE NATIONAL REGISTER OF HISTORIC PLACES.

DEMOLITION NOTES:

- REFER TO REQUIREMENTS OUTLINED IN THE EROSION & SEDIMENTS CONTROL PLANS & NOTES PRIOR TO COMMENCEMENT OF WORK.
- FIELD VERIFY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED ON DEMOLITION PLAN TO DETERMINE EXTENT OF SELECTIVE DEMOLITION REQUIRED.
- PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES.
- LOCATE AND IDENTIFY ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA. COORDINATE DISCONNECTING, SEALING OR CAPPING OFF UTILITY SERVICES THAT WILL BE AFFECTED BY THIS PROJECT. NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK AND COMPLY WITH THEIR REQUIREMENTS. VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED.
- MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION.
- NOTIFY ADJACENT OWNERS OF WORK THAT MAY AFFECT THEIR PROPERTY, POTENTIAL NOISE, UTILITY INTERFERENCE, OR DISRUPTION OF THEIR PROPERTY.
- PREVENT MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES. PROVIDE BRACING AND SHORING.
- DEMOLISH AND REMOVE COMPONENTS IN AN ORDERLY AND CAREFUL MANNER.
- PROTECT EXISTING FEATURES THAT ARE NOT TO BE DEMOLISHED, REPLACE IN-KIND IF DAMAGED.
- CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESS.
- MAINTAIN EGRESS AND ACCESS AT ALL TIMES. DO NOT CLOSE OR OBSTRUCT ROADWAYS, OR SIDEWALKS WITHOUT PERMITS. COORDINATE W/ AUTHORITY HAVING JURISDICTION.
- CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. NOTIFY AUTHORITY HAVING JURISDICTION.
- ROUGH GRADE AND COMPACT AREAS AFFECTED BY DEMOLITION TO MAINTAIN SITE GRADES AND CONTOURS.
- CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE.
- CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
- USE WATER MIST, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT THE SPREAD OF DUST AND DIRT. COMPLY WITH GOVERNING ENVIRONMENTAL PROTECTION REGULATIONS. DO NOT USE WATER WHEN IT MAY DAMAGE EXISTING CONSTRUCTION, SUCH AS CAUSING ICING, FLOODING, AND TRANSPORTING POLLUTANTS.
- REMOVE AND TRANSPORT DEBRIS LEGALLY AND IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
- CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
- PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. ALL DEBRIS RESULTING FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE AT A FACILITY APPROVED TO RECEIVE THE DEBRIS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. DO NOT BURN DEMOLISHED MATERIALS ON-SITE.
- VILLAGE RESERVES THE RIGHT TO SALVAGE ANY MATERIALS WITHIN THE PARK PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH VILLAGE PRIOR TO REMOVALS.

EROSION AND SEDIMENT CONTROL NOTES:

- REFER TO SHEET C520

LAYOUT NOTES:

- BUILDING DIMENSIONS SHALL BE TAKEN FROM ARCHITECTURAL BUILDING PLANS. NOTIFY THE ENGINEER OF ANY DEVIATION FROM CONDITIONS SHOWN ON THIS PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL FIELD LAYOUT. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP AS BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES AND INVERTS. AS-BUILT PLANS SHALL BE REVIEWED BY THE OWNER AND THE ENGINEER AND THE CONTRACTOR SHALL PROVIDE ANY CORRECTION OR ADDITIONS TO THE SATISFACTION OF THE OWNER AND THE ENGINEER BEFORE UTILITIES WILL BE ACCEPTED.

PAVING NOTES:

- NO VEHICULAR TRAFFIC OF ANY SORT SHALL BE PERMITTED ON THE SURFACE OF SUBBASE COURSE MATERIAL ONCE IT HAS BEEN FINE GRADED, COMPACTED, AND IS READY FOR PAVING. SUBBASE MATERIAL SO PREPARED FOR PAVING SHALL BE PAVED WITHIN THREE DAYS OF PREPARATION.
- SUBBASE MATERIAL AND THE VARIOUS ASPHALT CONCRETE MATERIALS CALLED FOR IN THESE DRAWINGS SHALL CONFORM WITH THE REFERENCED SECTION OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED "CURRENT VERSION". CONSTRUCTION SHALL BE AS FURTHER SET FORTH IN THOSE SPECIFICATIONS AND AS OTHERWISE PROVIDED FOR IN THESE DRAWINGS.
- PLACE ASPHALT CONCRETE MIXTURE ON PREPARED SURFACE, SPREAD AND STRIKE-OFF USING A SELF-PROPELLED PAVING MACHINE, WITH VIBRATING SCREED. PLACEMENT IN INACCESSIBLE AND SMALL AREAS MAY BE BY HAND.
- PROVIDE JOINTS BETWEEN OLD AND NEW PAVEMENTS OR BETWEEN SUCCESSIVE DAY'S WORK.
- TACK COAT WHEN SPECIFIED OR CALLED OUT ON THE DRAWINGS OR REQUIRED BY THE REFERENCED SPECIFICATION SHALL CONFORM WITH THE FOLLOWING:
 - TACK COAT SHALL MEET THE MATERIAL REQUIREMENTS OF 702-90 ASPHALT EMULSION FOR TACK COAT OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED "CURRENT VERSION". SHALL BE APPLIED IN ACCORDANCE WITH SECTION 407 - TACK COAT SHALL BE IN ACCORDANCE WITH THOSE SPECIFICATIONS AND AS OTHERWISE PROVIDED FOR IN THESE DRAWINGS.
 - REMOVE LOOSE AND FOREIGN MATERIAL FROM ASPHALT SURFACE BEFORE PAVING NEXT COURSE. USE POWER BROOMS, BLOWERS OR HAND BROOM.
 - APPLY TACK COAT TO ASPHALT PAVEMENT SURFACES & AND SURFACES OF CURBS, GUTTERS, MANHOLES, AND OTHER STRUCTURES PROJECTING INTO OR ABUTTING PAVEMENT. DRY TO A "TACKY" CONSISTENCY BEFORE PAVING.
 - TACK COAT ENTIRE VERTICAL SURFACE OF ABUTTING EXISTING PAVEMENT.
- AFTER COMPLETION OF PAVING AND SURFACING OPERATIONS, CLEAN SURFACES OF EXCESS OR SPILLED ASPHALT, GRAVEL OR STONE MATERIALS TO THE SATISFACTION OF THE ENGINEER.

PATRIOT DESIGN & CONSULTING
 STILL SERVING
 1355 TITUS AVENUE
 ROCHESTER, NY 14622
 (585) 448-1686
 (585) 448-1687 FAX

NOTES:
 THIS MAPPING IS BASED UPON A FIELD SURVEY BY PATRIOT DESIGN AND CONSULTING, COMPLETED ON JUNE 10, 2021.

1' CONTOUR INTERVAL



PROPERTY NOTE:
 2021 GIS SHAPE FILE DISPLAYED PROVIDED BY SCHUYLER COUNTY, NO DETAILED PROPERTY ANALYSIS WAS PERFORMED.

UTILITY NOTE:
 NO RECORDS OF UNDERGROUND LIGHTING IN THE PARK FOUND. EVERY LAMP HAS A MEMORIAL DEDICATION.

UTILITIES:
 CARROLL INCORPORATED 607-535-6303 (CLEAR)
 CHARTER COMMUNICATIONS CORNING 317-575-7800 x2 (CLEAR)
 NYS DOT HORNELL REGION 6 607-324-8523 (CLEAR)
 NYSEG EMPIRA GAS 607-296-5356 (PLOTTED)
 VERIZON SYRACUSE 315-937-2515 (CLEAR)
 VILLAGE OF WATKINS GLEN 607-535-9962 (CLEAR)

- LEGEND
- △ Control, Baseline, Point
 - ⊕ Drainage, Invert
 - ▣ Drainage, Structure, Rectangular
 - ⊙ Drainage, Structure, Manhole
 - ⊗ Drainage, Structure, Round
 - Landscape, Post
 - ☼ Landscape, Tree, Coniferous
 - ⊙ Landscape, Tree, Deciduous
 - ♿ WHEEL CHAIR
 - ⊙ Mapping, Point, Iron Rod
 - ⊙ Mapping, Point, Monuments
 - Mapping, Point, Nail
 - ⊕ Sign, Single Post
 - Sign, Delineators
 - Landscape, Antenna
 - ⊙ Utility, Cleanout
 - ⊙ Utility, Electric, Meter
 - ⊙ Utility, Fiber, MH
 - ⊙ Utility, Gas Line, Marker
 - ⊙ Utility, Gasoline / Fuel, Pump
 - ⊙ Utility, Gas, Valve
 - ⊙ Utility, Lighting, Pole
 - ⊙ Utility, Pole, with Utility
 - ⊙ Utility, Guy
 - ⊙ Utility, Pole with Light
 - ⊙ Utility, Sewer, Sanitary, Manhole
 - ⊙ Utility, Unknown, Box
 - ⊙ Utility, Unknown, Manhole
 - ⊙ Utility, Unknown, Wells
 - ⊙ Utility, Water, Fire Hydrant
 - ⊙ Utility, Water, Valve
 - ⊙ Utility, Water, Well



4 British American Boulevard
 Latham, NY 12110
 518-439-8235
 labellapc.com



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VILLAGE OF WATKINS GLEN
 303 NORTH FRANKLIN STREET
 WATKINS GLEN, NY 14891

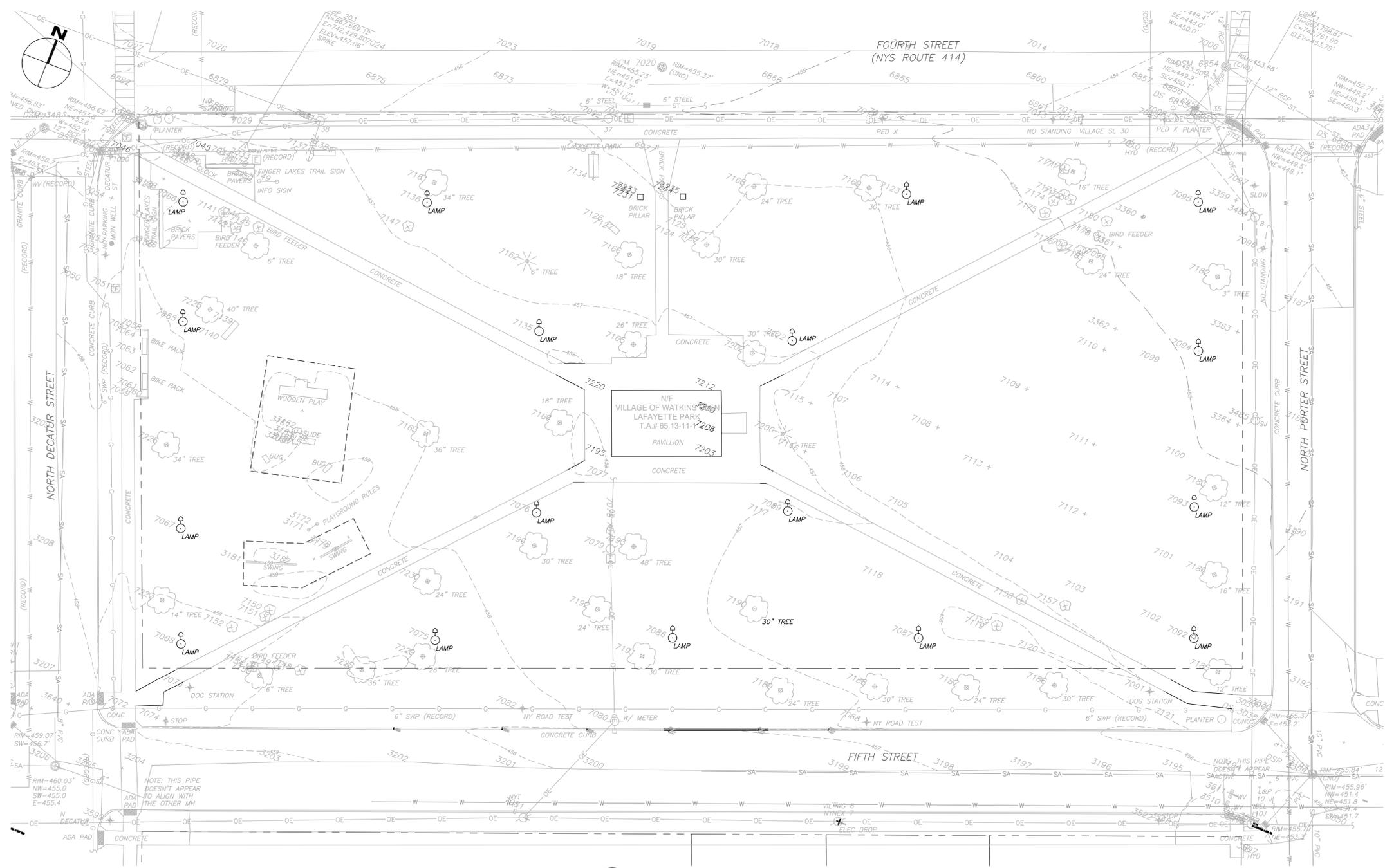
WATKINS GLEN DRI LAFAYETTE PARK
 VILLAGE OF WATKINS GLEN

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER:		32158.00
DRAWN BY:		JQ
REVIEWED BY:		WK
ISSUED FOR:		BID SET
DATE:		09/28/2022
DRAWING NAME:		

EXISTING CONDITIONS PLAN

DRAWING NUMBER:

C100



1 EXISTING CONDITIONS PLAN
 SCALE: 1"=20'

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 11/16/2022 10:36:16 AM



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VILLAGE OF WATKINS GLEN
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WATKINS GLEN, NY 14891

WATKINS GLEN DRI LAFAYETTE PARK
VILLAGE OF WATKINS GLEN

NO.	DATE	DESCRIPTION
Revisions		
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DRAWN BY:	JQ	
REVIEWED BY:	WK	
ISSUED FOR:	BID SET	
DATE:	09/28/2022	
DRAWING NAME:		

SITE PREPARATION AND REMOVALS PLAN

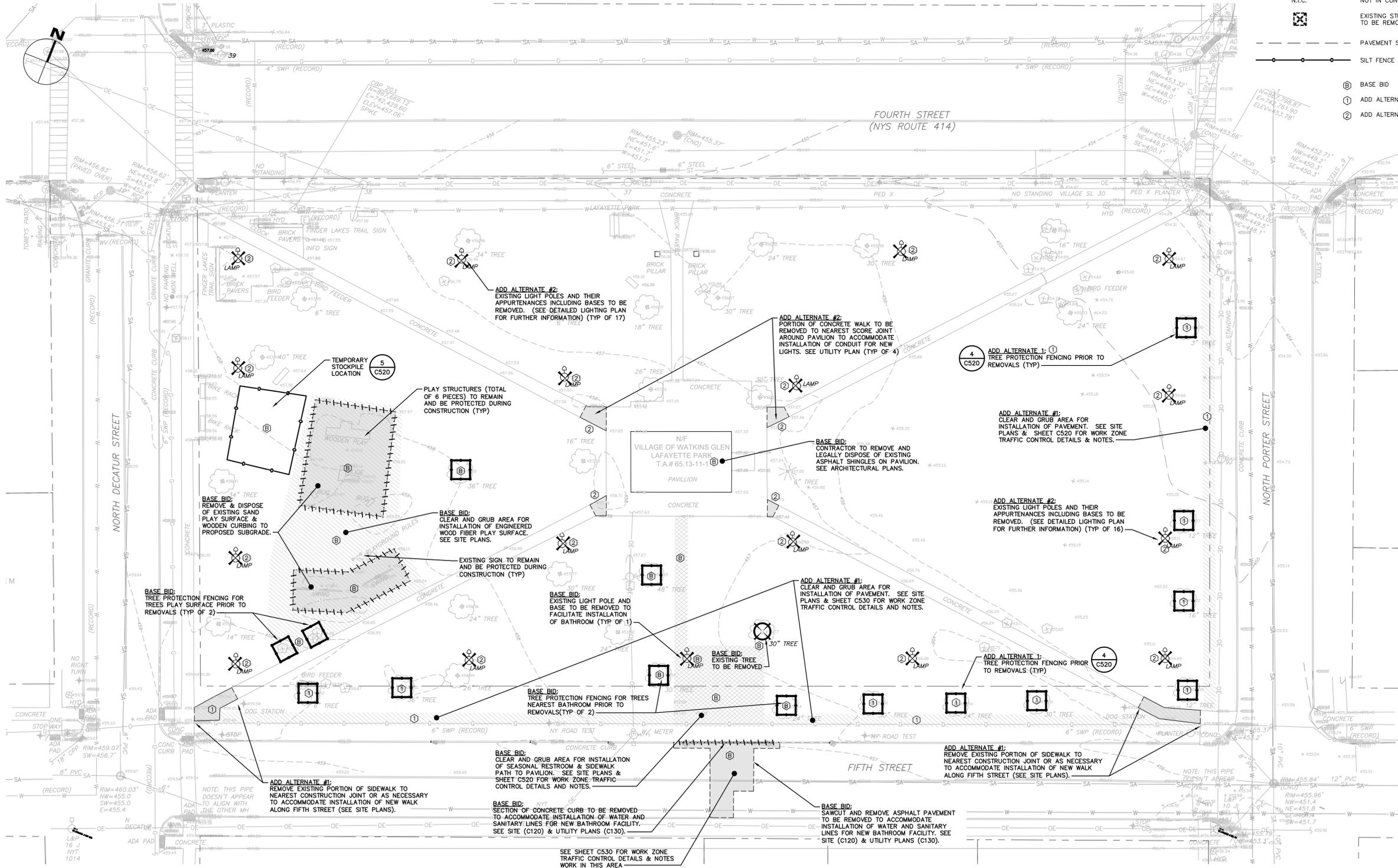
DRAWING NUMBER:

C110

- NOTES**
- SEE SHEET G002 FOR DEMOLITION NOTES
 - SEE SHEET C530 FOR WORK ZONE TRAFFIC CONTROL DETAILS & NOTES.
 - REFER TO SHEET C130 AND C520 FOR EROSION AND SEDIMENT CONTROL PLANS, NOTES AND DETAILS.
 - VILLAGE RESERVES THE RIGHT TO SALVAGE ANY MATERIALS WITHIN THE PARK PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH VILLAGE PRIOR TO REMOVALS.

LEGEND:

- EXISTING FEATURE TO BE REMOVED
- EXISTING TREE TO BE REMOVED
- EXISTING SITE FEATURE TO BE REMOVED
- EXISTING PAVEMENT & SIDEWALK TO BE REMOVED
- EXISTING BUILDING TO BE REMOVED
- WORKLIMITS
- TREE PROTECTION FENCING
- N.I.C.
- EXISTING STRUCTURE TO BE REMOVED, N.I.C.
- PAVEMENT SAWCUT LINE
- SILT FENCE (±1,600 L.F.)
- BASE BID
- ADD ALTERNATE #1
- ADD ALTERNATE #2



1 SITE PREPARATION AND REMOVALS PLAN
SCALE: 1"=20'

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11/16/2022 10:58:34 AM



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WATKINS GLEN DRI LAFAYETTE PARK
VILLAGE OF WATKINS GLEN

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DRAWN BY:	JQ	
REVIEWED BY:	WK	
ISSUED FOR:	BID SET	
DATE:	09/28/2022	
DRAWING NAME:		

SITE MATERIALS AND LAYOUT PLAN

DRAWING NUMBER:

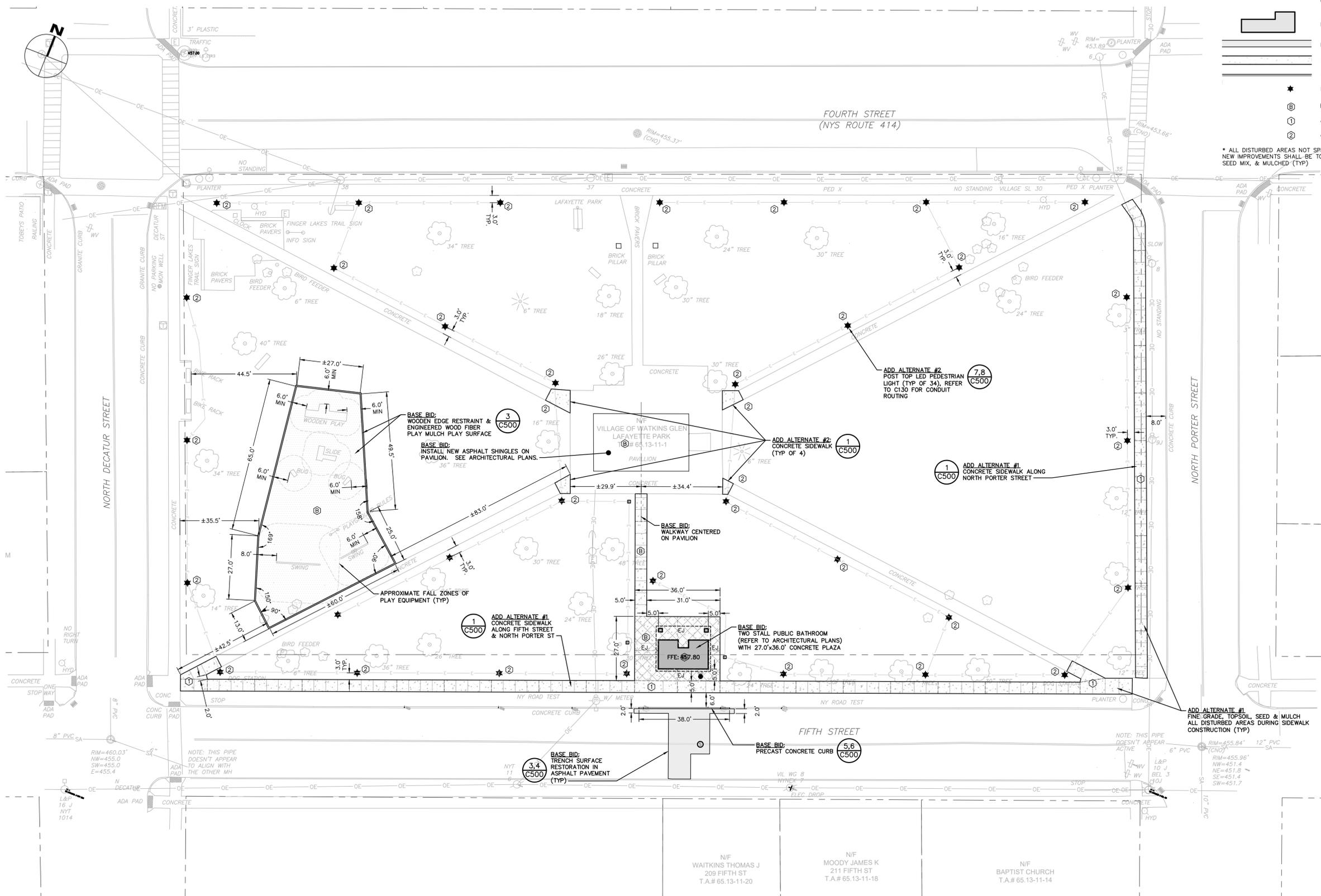
C120

NOTE:
SEE SHEET G002 FOR SITE LAYOUT NOTES

SITE LEGEND:

- PROPERTY LINE
- BUILDING
- PAVEMENT
- SIDEWALK
- CURB
- PROPOSED LIGHT POLE
- BASE BID
- ADD ALTERNATE #1
- ADD ALTERNATE #2

* ALL DISTURBED AREAS NOT SPECIFICALLY CALLED OUT FOR NEW IMPROVEMENTS SHALL BE TOPSOILED, SEEDDED WITH LAWN SEED MIX, & MULCHED (TYP)



1 SITE MATERIALS AND LAYOUT PLAN
SCALE: 1"=20'

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11/16/2022 10:35:55 AM



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WATKINS GLEN DRI
LAFAYETTE PARK
VILLAGE OF WATKINS GLEN

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER:	32158.00	
DRAWN BY:	JQ	
REVIEWED BY:	WK	
ISSUED FOR:	BID SET	
DATE:	09/28/2022	
DRAWING NAME:		

GRADING, DRAINAGE, UTILITY AND EROSION & SEDIMENT CONTROL PLAN

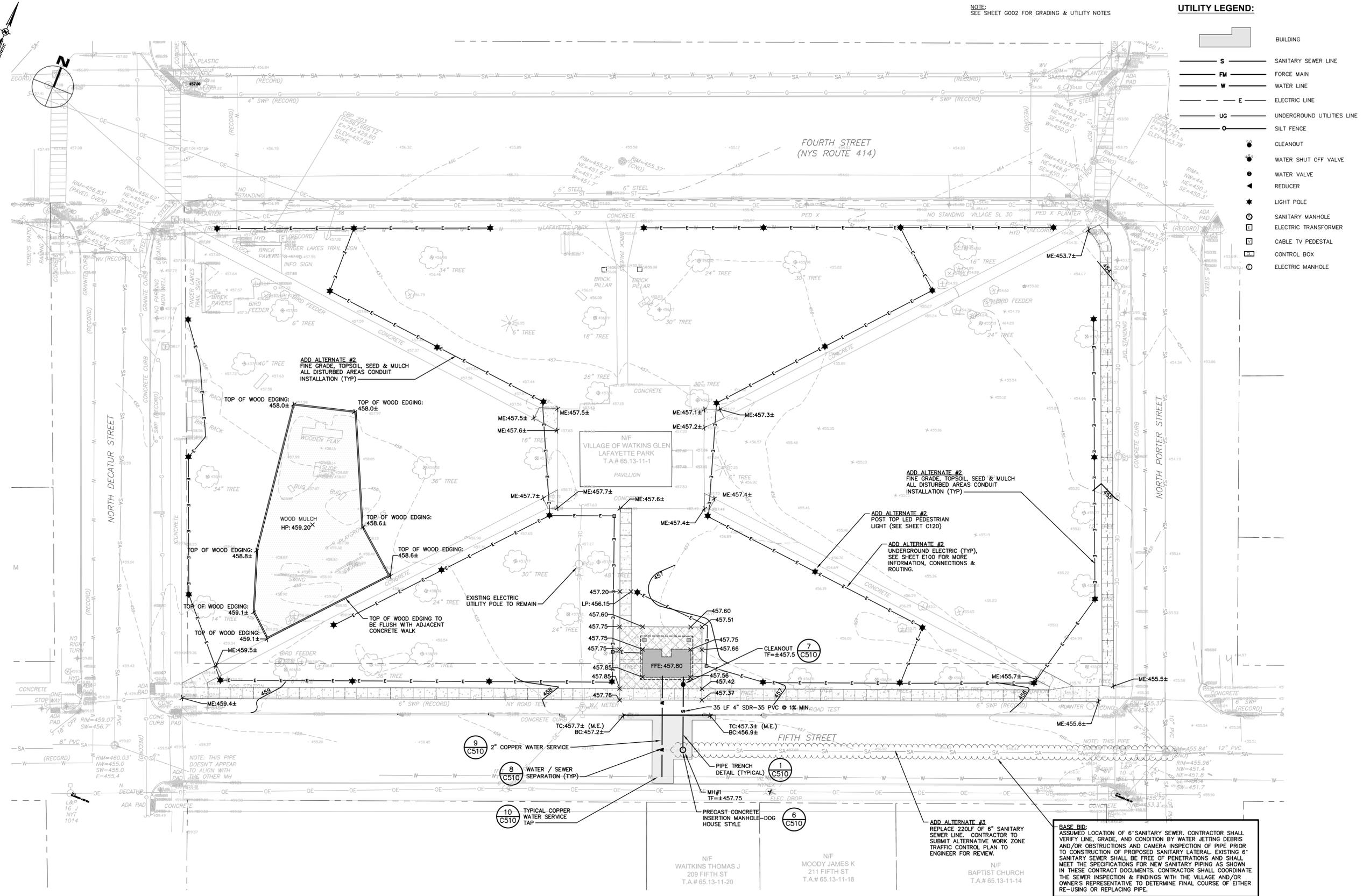
DRAWING NUMBER:

C130

NOTE:
SEE SHEET G002 FOR GRADING & UTILITY NOTES

UTILITY LEGEND:

- BUILDING
- SANITARY SEWER LINE
- FORCE MAIN
- WATER LINE
- ELECTRIC LINE
- UNDERGROUND UTILITIES LINE
- SILT FENCE
- CLEANOUT
- WATER SHUT OFF VALVE
- WATER VALVE
- REDUCER
- LIGHT POLE
- SANITARY MANHOLE
- ELECTRIC TRANSFORMER
- CABLE TV PEDESTAL
- CONTROL BOX
- ELECTRIC MANHOLE



1 GRADING, DRAINAGE, UTILITY AND EROSION & SEDIMENT CONTROL PLAN
SCALE: 1"=20'

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**VILLAGE OF
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**WATKINS GLEN DRI
LAYFAYETTE PARK**
VILLAGE OF WATKINS GLEN

LIGHTING SCHEDULE						
KEY	QTY	MANUFACTURER	MODEL: CATALOG NUMBER	MOUNT HEIGHT *	WATTS	LIGHT COLOR TEMPERATURE
A	34	AMERLUX SRCG SERIES LED LUMINAIRE	D136SRCG-PC-CL-AV12-SY-27-500M-TBK-CCH	12'	27W	2700K

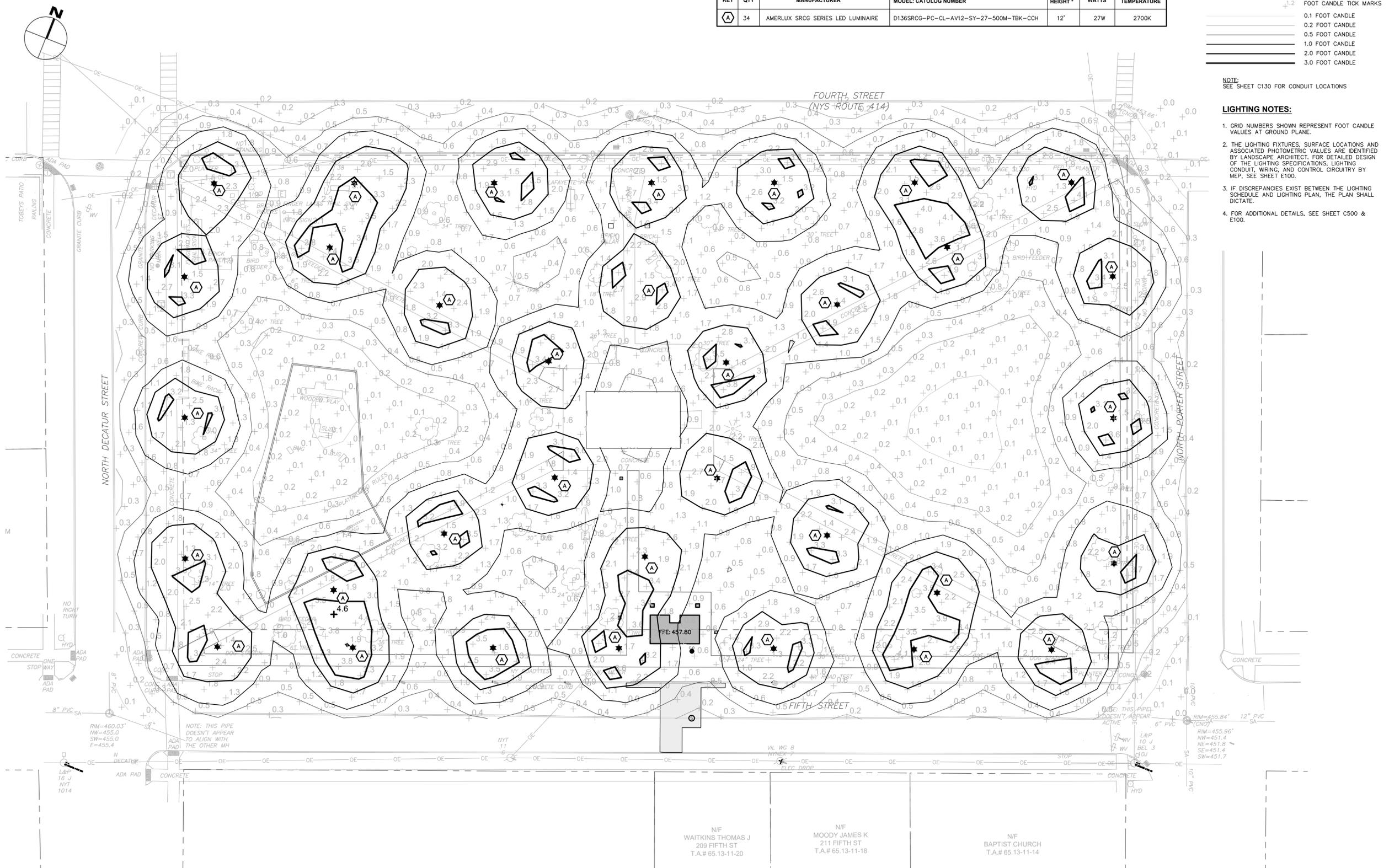
LIGHTING LEGEND:

	PEDESTRIAN LIGHT
	0.1 FOOT CANDLE
	0.2 FOOT CANDLE
	0.5 FOOT CANDLE
	1.0 FOOT CANDLE
	2.0 FOOT CANDLE
	3.0 FOOT CANDLE

NOTE:
SEE SHEET C130 FOR CONDUIT LOCATIONS

LIGHTING NOTES:

- GRID NUMBERS SHOWN REPRESENT FOOT CANDLE VALUES AT GROUND PLANE.
- THE LIGHTING FIXTURES, SURFACE LOCATIONS AND ASSOCIATED PHOTOMETRIC VALUES ARE IDENTIFIED BY LANDSCAPE ARCHITECT. FOR DETAILED DESIGN OF THE LIGHTING SPECIFICATIONS, LIGHTING CONDUIT, WIRING, AND CONTROL CIRCUITRY BY MEP, SEE SHEET E100.
- IF DISCREPANCIES EXIST BETWEEN THE LIGHTING SCHEDULE AND LIGHTING PLAN, THE PLAN SHALL DICTATE.
- FOR ADDITIONAL DETAILS, SEE SHEET C500 & E100.



NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER: 32158.00		
DRAWN BY: JQ		
REVIEWED BY: WK		
ISSUED FOR: BID SET		
DATE: 09/28/2022		
DRAWING NAME:		

1 PHOTOMETRIC PLAN
SCALE: 1"=20'

PHOTOMETRIC PLAN

DRAWING NUMBER:

C140



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**VILLAGE OF
WATKINS GLEN**
303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

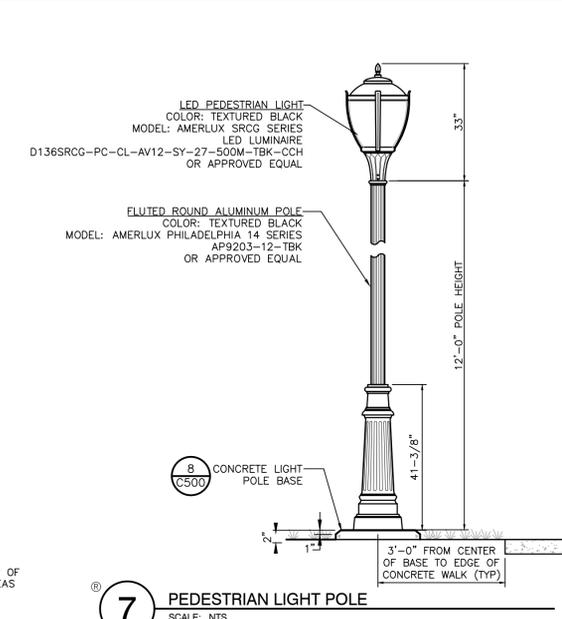
**WATKINS GLEN DRI
LAFAYETTE PARK**
VILLAGE OF WATKINS GLEN

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER:		32158.00
DRAWN BY:		JQ
REVIEWED BY:		WK
ISSUED FOR:		BID SET
DATE:		09/28/2022
DRAWING NAME:		

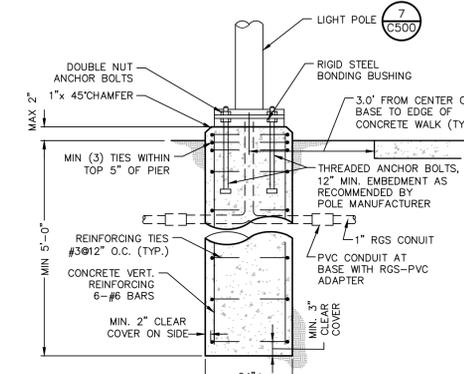
SITE DETAILS

DRAWING NUMBER:

C500

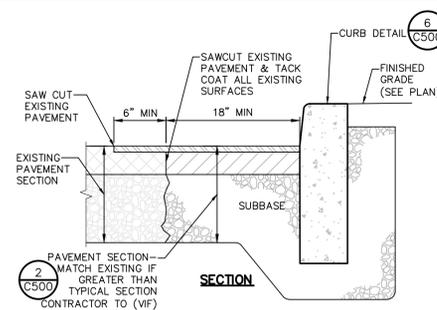


7 PEDESTRIAN LIGHT POLE
SCALE: NTS

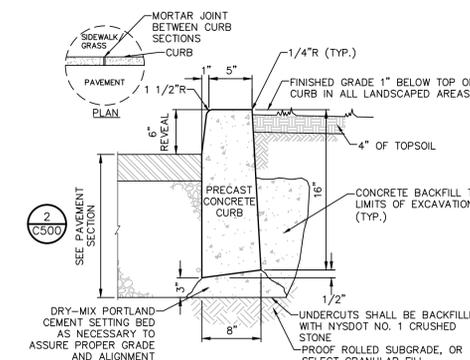


- NOTES:**
- CONDUITS AND GROUNDING SHALL BE AS REQUIRED BY THE ELECTRICAL DESIGN.
 - ALL CONCRETE SHALL BE 4,500 PSI @ 28 DAYS.
 - ALL REINFORCING STEEL SHALL BE GRADE 60.
 - DESIGNED FOR 90 MPH WIND WITH FIXTURE AREA OF 13 SF.
 - FOUNDATION DIAMETER AND REINFORCING CIRCLE SHALL BE COORDINATED WITH ANCHOR BOLT LIMITS.
 - FOUNDATIONS SHALL BE AUGERED INTO UNDISTURBED NATURAL SOIL OR COMPACTED FILL PER SITE GRADING PLANS.

8 CONCRETE LIGHT POLE BASE
SCALE: NOT TO SCALE

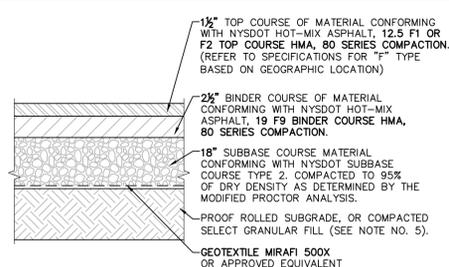


5 CURB REPLACEMENT DETAIL
SCALE: NOT TO SCALE



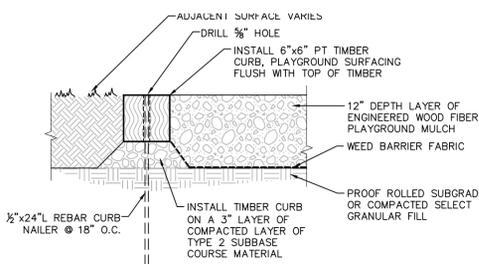
- NOTES:**
- PRE-CAST CURB TO BE INSTALLED IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION SECTION 609.
 - CAST IN PLACE CONCRETE CURB MAY BE SUBSTITUTED, WHEN ALTERNATE CONSTRUCTION DETAILS ARE SUBMITTED BY THE CONTRACTOR AND APPROVE BY THE ENGINEER. ALTERNATE CURB SHALL BE INSTALLED IN ACCORDANCE WITH NYSDOT SPEC SECTION 609.

6 PRECAST CONCRETE CURB
SCALE: NOT TO SCALE

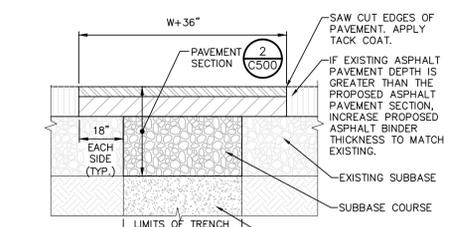


- NOTES:**
- MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED "CURRENT VERSION", AND ALL ADDENDA THERE TO.
 - SUBBASE MATERIAL SHALL CONFORM WITH SECTION 304 - SUBBASE COURSE OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND THE TYPE CALLED OUT IN THESE DRAWINGS.
 - HOT MIX ASPHALT (HMA) PAVEMENT SHALL CONFORM WITH SECTION 400 - HOT MIX ASPHALT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND THE TYPE CALLED OUT IN THESE DRAWINGS. ALTHOUGH SECTION 400 IN ITS ENTIRETY IS REFERENCED, THE HOT MIX ASPHALT (HMA) PAVEMENT(S) SPECIFIED FOR THIS CONTRACT SHALL BE AS SPECIFIED UNDER SECTION 402 - HOT MIX ASPHALT (HMA) PAVEMENTS.
 - TACK COAT WHEN SPECIFIED OR CALLED OUT IN THESE DRAWINGS OR REQUIRED BY THE REFERENCED SPECIFICATIONS SHALL CONFORM WITH SECTION 407 - TACK COAT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
 - WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSES OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMANCE WITH SECTION 203 - EXCAVATION AND EMBANKMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
 - PAVEMENT SECTION SHOWN IS PRELIMINARY. PRIOR TO BIDDING AND COMMENCEMENT OF CONSTRUCTION, THE FINAL DESIGN OF THE PAVEMENT SECTION MUST BE PREPARED BY A NYS LICENSED PROFESSIONAL ENGINEER AND MUST BE BASED ON A CURRENT GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.

2 PAVEMENT SECTION DETAIL
SCALE: NOT TO SCALE

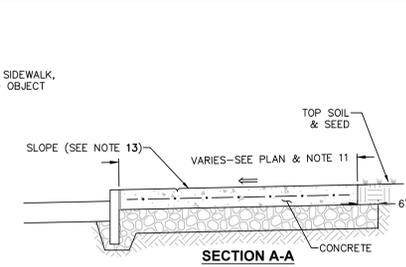


3 PLAYGROUND SURFACING WITH TIMBER EDGE RESTRAINT
SCALE: NTS

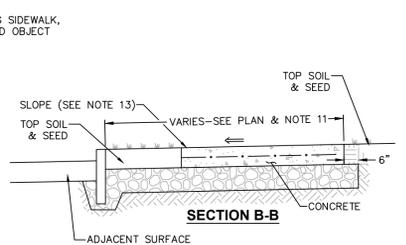


- NOTES:**
- SAW CUT AS INDICATED, 18" BEYOND EXCAVATION.
 - FURNISH, PLACE, AND COMPACT SUBBASE.
 - TACK COAT IN ACCORDANCE WITH NYSDOT STANDARD SPEC.
 - FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT AS SPECIFIED.

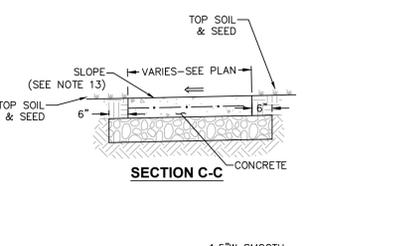
4 TRENCH SURFACE RESTORATION IN ASPHALT PAVEMENT
SCALE: NOT TO SCALE



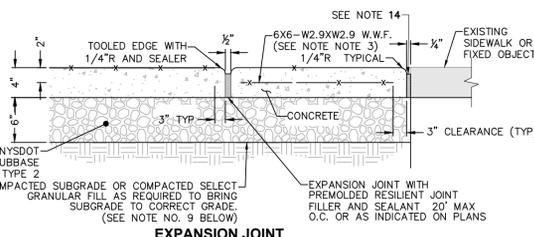
1 CONCRETE SIDEWALK DETAIL
SCALE: NTS



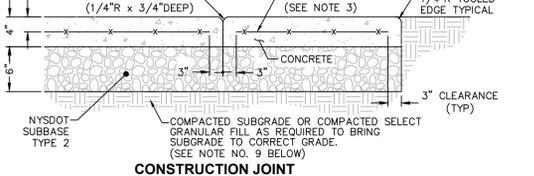
1 CONCRETE SIDEWALK DETAIL
SCALE: NTS



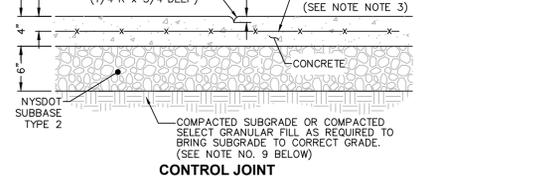
1 CONCRETE SIDEWALK DETAIL
SCALE: NTS



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SCALE: NTS



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SCALE: NTS



1 CONCRETE SIDEWALK DETAIL
SCALE: NTS

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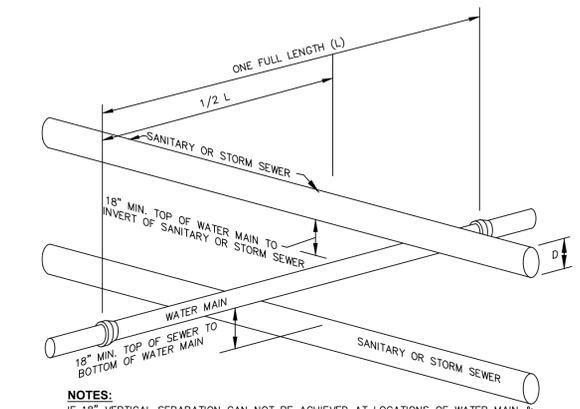


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VILLAGE OF WATKINS GLEN
303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

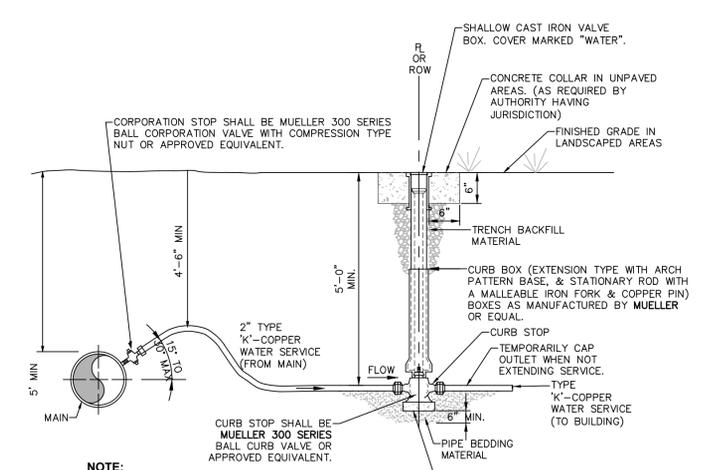
WATKINS GLEN DRI LAYFAYETTE PARK
VILLAGE OF WATKINS GLEN

TESTING GRAVITY SEWER SYSTEM:
1. SEE SHEET G002 FOR NOTES



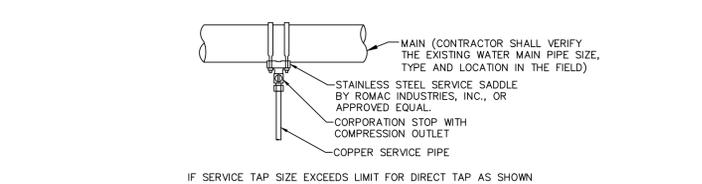
NOTES:
IF 18" VERTICAL SEPARATION CAN NOT BE ACHIEVED AT LOCATIONS OF WATER MAIN & SEWER CROSSINGS, CONTRACTOR SHALL CONSTRUCT EITHER OF THE FOLLOWING OPTIONS:
1. CONSTRUCT SEWER OF PVC WATERWORKS GRADE PRESSURE PIPE MATERIAL 10" ON EACH SIDE OF THE WATER MAIN AND TEST TO 150PSI TO ASSURE TIGHTNESS.
2. EITHER THE WATER MAIN OR THE SEWER LINE MAY BE ENCASED IN A WATER TIGHT CARRIER PIPE WHICH EXTENDS 10 FEET ON BOTH SIDES OF THE CROSSING. THE CARRIER PIPE SHALL BE OF MATERIAL APPROVED FOR THE USE IN WATER MAIN CONSTRUCTION.

8 SECTION WATER/SEWER SEPARATION REQUIREMENTS
SCALE: NOT TO SCALE



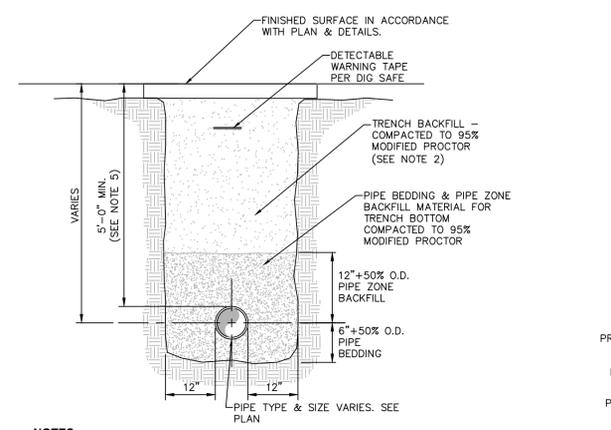
NOTE:
1. MINIMUM DISTANCE TO JOINTS, FITTINGS OR OTHER WET TAPS OR STOPS SHALL BE MAINTAINED IN ACCORDANCE WITH REGULATORY AGENCY.

9 COPPER WATER SERVICE
SCALE: NOT TO SCALE



IF SERVICE TAP SIZE EXCEEDS LIMIT FOR DIRECT TAP AS SHOWN IN TABLE USE SERVICE SADDLE OR M.J TAPPED TEE - MAX SIZE OF CORPORATION AND COPPER SERVICE IS 2"

10 TYPICAL COPPER WATER SERVICE TAPS
SCALE: NOT TO SCALE



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

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

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

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

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

3. INSTALL CONTINUOUS DETECTABLE MARKING TAPE DURING BACKFILLING OF TRENCH FOR UNDERGROUND PIPING. LOCATE TAPE 12" BELOW FINISHED GRADE, DIRECTLY OVER PIPING, EXCEPT 6" BELOW SUBGRADE UNDER PAVEMENTS & SLAB.

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

5. 5'-0" MIN COVER SHALL BE APPLIED TO WATER MAIN OR SANITARY SEWER FORCE MAINS ONLY.

1 PIPE TRENCH DETAIL (TYPICAL)
SCALE: NOT TO SCALE

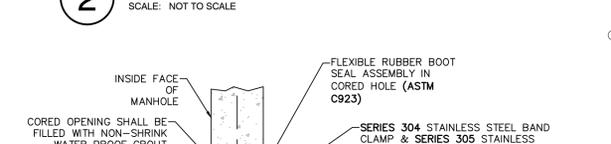
ACCEPTABLE MANHOLE STEPS

MANUFACTURER	PATTERN NUMBER	"A" STEP WIDTH	"B" LEG LENGTH	"C" RUNG CLEAR	"D" EMBED-MENT	"E" RUNG CLEAR
M.A. INDUSTRIES INC*	PS2-PF	14 3/4	9 1/4	13 3/4	3 3/8	5 7/8
M.A. INDUSTRIES INC*	PS2-PFS	14 3/4	8 1/4	13 3/4	3 3/8	4 7/8

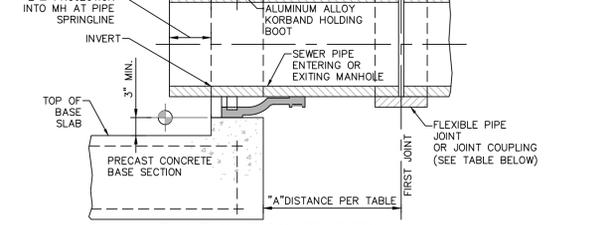
* OR EQUIVALENT

MH STEP DESIGN AND INSTALLATION SHALL COMPLY WITH ALL OSHA REGULATIONS

2 COPOLYMER POLYPROPYLENE MH STEP
SCALE: NOT TO SCALE



3 MANHOLE JOINT
SCALE: NOT TO SCALE

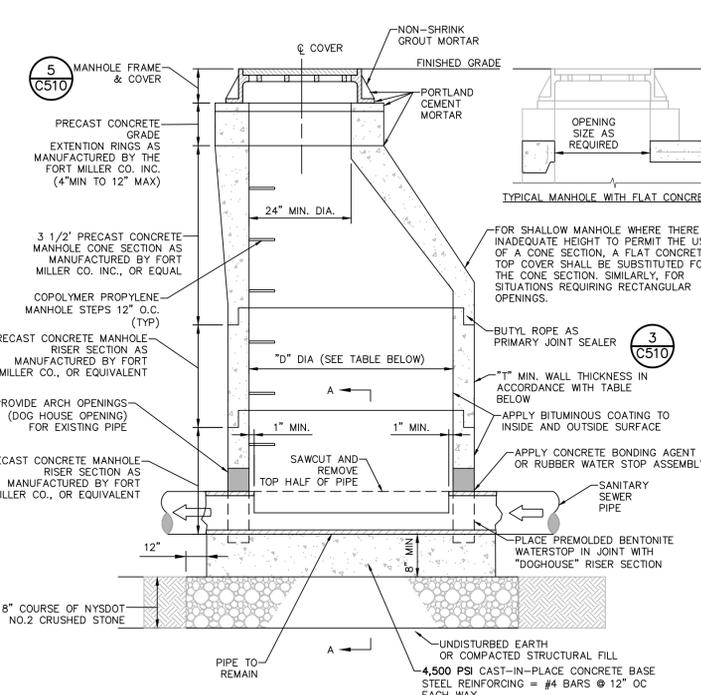


FLEXIBLE JOINT REQUIREMENTS

SEWER PIPE TYPE	FLEXIBLE JOINT TYPE IN & OUT	"A" DISTANCE (FEET)
DUCTILE IRON	STD RUBBER GASKET PIPE JOINT ONLY	10' MAX
PVC	STD RUBBER GASKET PIPE JOINT ONLY	3' MAX

NOTE:
REFERENCE MANHOLE DETAIL(S) FOR REQUIRED INVERT CHANNEL CONFIGURATION.

4 PIPE CONNECTION TO MANHOLE - PRECAST OR CORED HOLE W/ INSERTED FLEXIBLE BOOT
SCALE: NOT TO SCALE



NOTES:
USE ONLY WET-CAST UNITS. DRY-CAST NOT ACCEPTABLE

CONE DIMENSIONS	
DIAM. OPENING	CONCRETE
24"	24" OR 42"
30"	34"

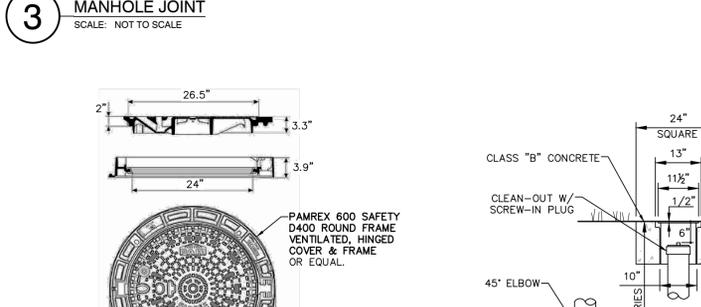
- INVERT SHALL BE FILLETED.
- REINFORCEMENT FOR MANHOLE COMPONENTS SHALL BE DESIGNED BY A LICENSED NEW YORK STATE PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW. STRUCTURE SHALL BE DESIGNED FOR HS20-44 VEHICULAR LOADING PLUS 25% IMPACT.
- CONCRETE TO TEST 4,500 psi. AT 28 DAYS IN CONFORMANCE WITH A.S.T.M. C-478.
- BENCH SHALL BE BUILT FOR FLOW BETWEEN INLET AND OUTLET.
- EACH MANHOLE EXTERIOR SHALL RECEIVE TWO BITUMINOUS COATS.

6 PRECAST CONCRETE INSERTION MANHOLE-DOG HOUSE STYLE
SCALE: NOT TO SCALE



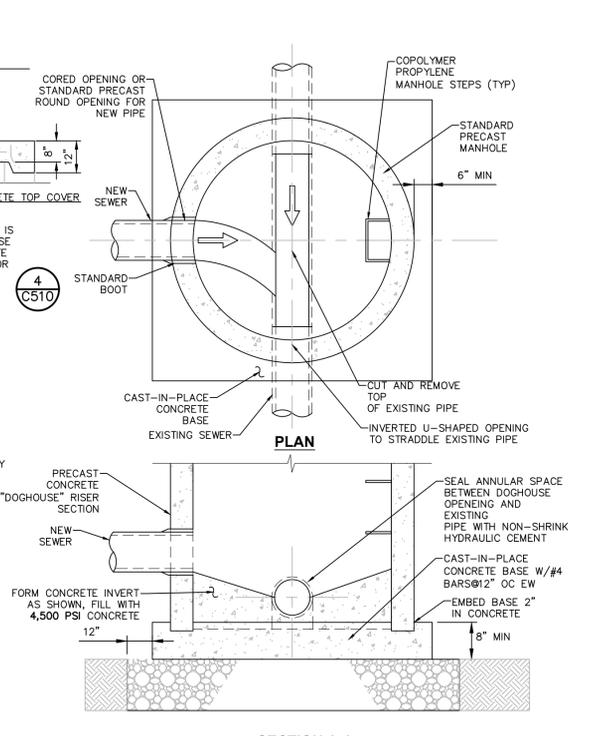
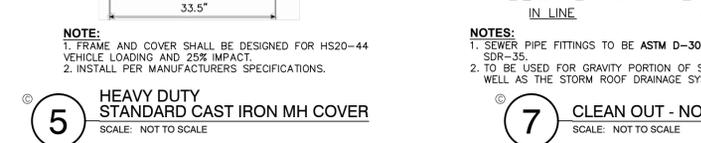
MANHOLE INSIDE DIAMETER	SIZE OF BUTYL ROPE JOINT SEALER
4'-0"	1"
5'-0" & LARGER	1 1/2"

7 CLEAN OUT - NON TRAFFIC AREAS
SCALE: NOT TO SCALE



NOTES:
1. SEWER PIPE FITTINGS TO BE ASTM D-3033 OR D-3034 SDR-35.
2. TO BE USED FOR GRAVITY PORTION OF SANITARY SYSTEM AS WELL AS THE STORM ROOF DRAINAGE SYSTEM.

5 HEAVY DUTY STANDARD CAST IRON MH COVER
SCALE: NOT TO SCALE



MANHOLES AND OTHER BELOW GRADE STRUCTURES:

- STRUCTURAL DESIGN FOR MANHOLES AND OTHER BELOW-GRADE PRECAST CONCRETE STRUCTURES:
 - NON-TRAFFIC LOADS: BELOW GRADE PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO WITHSTAND LOADS IMPOSED BY STRUCTURE WEIGHT, EARTH COVER, LATERAL PRESSURE FROM EARTH AND GROUND WATER, AND LIVE LOADS SUCH AS PEDESTRIAN TRAFFIC OR MACHINERY ON OR ABOVE THE STRUCTURE; AND
 - TRAFFIC LOADS: BELOW GRADE PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO ALSO WITHSTAND TRAFFIC LOADS CREATED BY AN HS20-44 TRUCK PLUS 25% IMPACT AS DEFINED IN THE LATEST EDITION OF THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) DESIGN STANDARDS.
- MATERIAL WHICH SHALL BE UTILIZED IN THE CONSTRUCTION OF PRECAST CONCRETE STRUCTURES:
 - CEMENT: ASTM C-150, TYPES I/II/III/IV
 - SAND: NYSDOT STD. SPEC. SECTION NO. 703-0 CONCRETE SAND
 - STONE: NYSDOT STD. SPEC. SECTION NO. 703-02 COARSE AGGREGATE
 - STEEL BAR REINFORCEMENT: ASTM A615, GRADE 60
 - WIRE MESH REINFORCEMENT: ASTM A185 PLAIN
 - CONCRETE STRENGTH (28 DAY): 4,500 PSI (F'C)
 - ENTRAINED AIR: 5% MIN.
- ALL CASTINGS (FRAMES AND COVERS, FRAMES AND GRATES, ETC.) FOR USE IN CONJUNCTION WITH MANHOLES AND OTHER BELOW GRADE STRUCTURES SHALL BE MANUFACTURED FROM GRAY IRON OR DUCTILE IRON. GRAY IRON SHALL CONFORM WITH ASTM A 48, CLASS 30B AND DUCTILE IRON SHALL CONFORM WITH ASTM A 536 AND BE OF A GRADE APPROPRIATE TO ITS INTENDED USE.
- ALL CASTINGS (FRAMES AND COVERS, FRAMES AND GRATES, ETC.) FOR USE IN CONJUNCTION WITH MANHOLES AND OTHER BELOW GRADE STRUCTURES SHALL BE DESIGNED TO WITHSTAND AASHTO HS 20-44 HIGHWAY LOADING PLUS 25% IMPACT.
- ALL ASTM REFERENCES SHALL BE FOR THE LATEST ACTIVE STANDARD.



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**WATKINS GLEN DRI
LAYFAYETTE PARK**
VILLAGE OF WATKINS GLEN

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 32158.00

DRAWN BY: JQ

REVIEWED BY: WK

ISSUED FOR: BID SET

DATE: 09/28/2022

DRAWING NAME:

**EROSION & SEDIMENT
CONTROL DETAILS AND
NOTES**

DRAWING NUMBER:

C520

SPDES GENERAL PERMIT GP-0-20-001 COMPLIANCE NOTES:

1. THE TOTAL AREA OF DISTURBANCE PLANNED FOR THIS PROJECT IS LESS THAN 1 ACRE THEREFORE A SPDES GENERAL PERMIT (GP-0-20-001) IS NOT REQUIRED.

CONSTRUCTION SEQUENCING NOTES:

1. PRIOR TO COMMENCING ANY CLEARING, GRUBBING, EARTHWORK ACTIVITIES, ETC. AT THE SITE, THE CONTRACTOR SHALL FLAG THE WORK LIMITS AND SHALL INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES (I.E. SILT FENCES, TREE PROTECTION/BARRIER FENCES, STABILIZED CONSTRUCTION ENTRANCES, STORM DRAIN SEDIMENT FILTERS, DRAINAGE DITCH SEDIMENT FILTERS, ETC.) INDICATED ON THE PROJECT DRAWINGS. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS.
2. PRIOR TO COMMENCING CLEARING, GRUBBING AND/OR EARTHWORK ACTIVITIES THE CONTRACTOR SHALL INSTALL INLET PROTECTION MEASURES.
3. THE CONTRACTOR SHALL COMMENCE SITE CONSTRUCTION ACTIVITIES INCLUDING CLEARING & GRADING OF THE PROPOSED AREA OF DISTURBANCE AS REQUIRED. TO THE EXTENT PRACTICAL, THE CONTRACTOR SHALL LIMIT THE AMOUNT OF STORED AND STOCKPILED MATERIAL ON-SITE TO MINIMIZE SITE DISTURBANCE.
5. INSTALL PROTECTIVE MEASURES AT THE LOCATIONS OF ALL GRATE INLETS AND CURB INLETS.
6. CONSTRUCT ALL UTILITIES, CURB AS SHOWN ON THE PLANS. INLET PROTECTION MAY BE REMOVED TEMPORARILY FOR THIS CONSTRUCTION.
7. FINALIZE PAVEMENT SUB-GRADE PREPARATION.
8. REMOVE PROTECTIVE MEASURES AROUND INLETS AND MANHOLES NO MORE THAN 24 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.
9. INSTALL SUB-BASE MATERIAL AS REQUIRED FOR PAVEMENT.
10. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND IMMEDIATELY ESTABLISH PERMANENT VEGETATION ON THE AREAS DISTURBED DURING THEIR REMOVAL.

EROSION AND SEDIMENT CONTROL MEASURES:

1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
2. AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
3. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION.
4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED. A SINGLE STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED ON TO THE PROJECT SITE.

MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES:

PERMANENT AND TEMPORARY VEGETATION:
INSPECT ALL AREAS THAT HAVE RECEIVED VEGETATION EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. ALL AREAS DAMAGED BY EROSION OR WHERE SEED HAS NOT ESTABLISHED SHALL BE REPAIRED AND RESTABILIZED IMMEDIATELY.

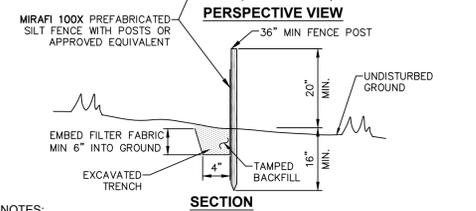
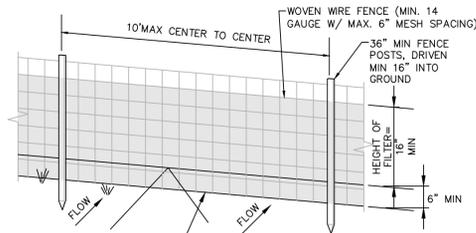
STABILIZED CONSTRUCTION ENTRANCE:
INSPECT THE ENTRANCE PAD EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. CHECK FOR MUD, SEDIMENT BUILD-UP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING WET WEATHER. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL. WASH AND REPLACE STONE AS NEEDED. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. REMOVE TEMPORARY CONSTRUCTION ENTRANCE AS SOON AS THEY ARE NO LONGER NEEDED TO PROVIDE ACCESS TO THE SITE.

SILT FENCE:
INSPECT FOR DAMAGE EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE FENCE BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO 1/3 THE HEIGHT OF THE FENCE. IF FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF FENCE IMMEDIATELY.

SOIL STOCKPILE (ONLY AS REQUIRED):
INSPECT SEDIMENT CONTROL BARRIERS (SILT FENCE OR HAY BALE) AND VEGETATION FOR DAMAGE EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE SEDIMENT CONTROL BARRIER BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO 1/3 THE HEIGHT OF THE SEDIMENT CONTROL BARRIER. IF SEDIMENT CONTROL BARRIER TEARS, BEGINS TO DECOMPOSE, OR IN ANYWAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF SEDIMENT CONTROL BARRIER IMMEDIATELY. REVEGETATE DISTURBED AREA TO STABILIZE SOIL STOCK PILE. REMOVE THE SEDIMENT CONTROL BARRIER WHEN THE SOIL STOCKPILE HAS BEEN REMOVED.

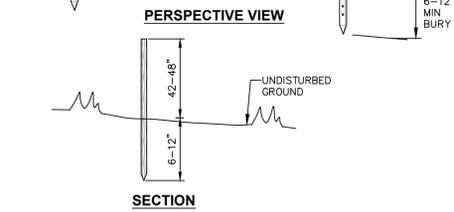
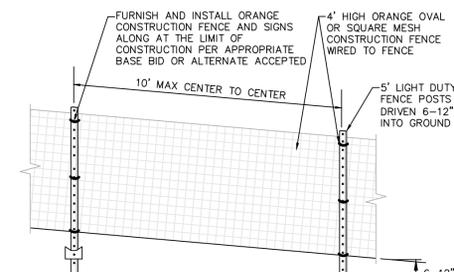
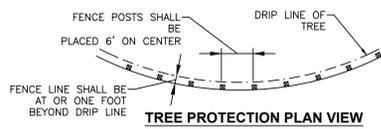
DUST CONTROL:
SCHEDULE CONSTRUCTION OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED AREAS AT ANY ONE TIME DURING THE COURSE OF WORK. APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING (WATER). STRUCTURAL MEASURES (MULCH, SEEDING) SHALL BE INSTALLED IN DISTURBED AREAS BEFORE SIGNIFICANT BLOWING PROBLEMS DEVELOP. WATER SHALL BE SPRAYED AS NEEDED, REPEAT AS NEEDED, BUT AVOID EXCESSIVE SPRAYING, WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS.

STORM DRAIN INLET PROTECTION:
INSPECT ALL STORM DRAIN INLET PROTECTION DEVICES EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. MAKE REPAIRS AS NEEDED, REMOVE SEDIMENT FROM THE POOL AREA AS NECESSARY.

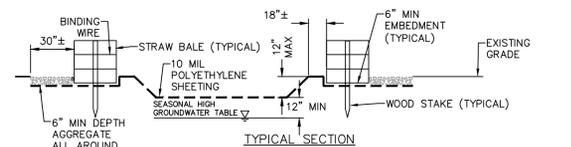
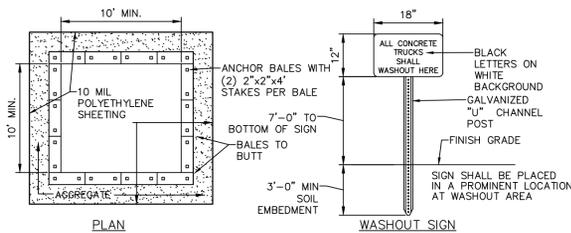


- NOTES:**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL "T" OR "U" TYPE OR HARDWOOD.
 2. FILTER FABRIC TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAX MESH OPENING.
 3. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
 5. MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT EXCEED 1/4 ACRE PER 100 FEET OF FENCE.
 6. SILT FENCE SHALL BE USED WHERE EROSION COULD OCCUR IN THE FORM OF SHEET EROSION.
 7. SILT FENCE SHALL NOT BE USED WHEN A CONCENTRATION OF WATER IS FLOWING TO THE BARRIER.
 8. MAXIMUM ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUN-OFF TO A SILT FENCE ARE:
- | SLOPE STEEPNESS | MAXIMUM SLOPE LENGTH (FT) |
|-----------------|---------------------------|
| 2:1 | 25 |
| 3:1 | 50 |
| 4:1 | 75 |
| 5:1 OR FLATTER | 100 |

1 SILT FENCE INSTALLATION DETAIL
SCALE: NOT TO SCALE

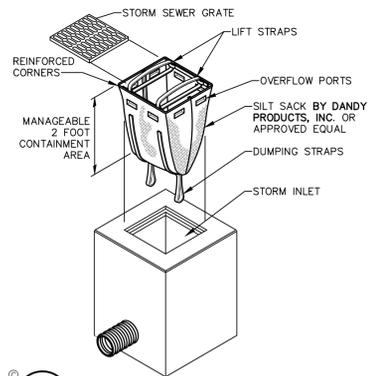


4 TEMPORARY ORANGE CONSTRUCTION FENCE DETAIL
SCALE: NOT TO SCALE



- NOTES:**
1. CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES.
 2. CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTES GENERATED.
 3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE WASHOUT IS 75% FULL. THIS INCLUDES REPLACEMENT OF THE 10 MIL POLYETHYLENE SHEETING.
 4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.
 5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
 6. AT LEAST WEEKLY, REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.

2 CONCRETE WASHOUT AREA DETAIL
SCALE: NOT TO SCALE



3 SILT SACK DETAIL
SCALE: NOT TO SCALE



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WATKINS GLEN DRI LAFAYETTE PARK
VILLAGE OF WATKINS GLEN

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER: 32158.00		
DRAWN BY: JQ		
REVIEWED BY: WK		
ISSUED FOR: BID SET		
DATE: 09/28/2022		
DRAWING NAME:		

WORK ZONE TRAFFIC CONTROL DETAILS & NOTES

DRAWING NUMBER:

C530

WORK ZONE TRAVEL LANES:
1. THE MINIMUM LANE WIDTH FOR WORK ZONE TRAVEL LANES SHALL BE 11' FOR FREEWAYS AND/OR EXPRESSWAYS, AND 10' FOR ALL OTHER TYPES OF ROADWAYS. EXCEPTIONS TO THESE MINIMUM LANES WIDTHS MUST BE AUTHORIZED BY THE ENGINEER.
2. WRITTEN NOTICE SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER AT LEAST 21 DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY. THE CONTRACTOR SHALL NOTIFY THE LOCAL NYSOT RESIDENCY PERMIT ENGINEER IN A TIMELY MANNER OF THE CONTRACTOR'S NOTICE.
CHANNELIZING DEVICES:
1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.

SIGNS:
1. ALL SIGNS SHALL BE LOCATED AS SHOWN IN THE WORK ZONE TRAFFIC CONTROL PLANS OR AS SPECIFIED BY THE CURRENT MUTCD, NYSOT STANDARD SHEETS, OR NYSOT WORK ZONE TRAFFIC CONTROL MANUAL. SIGNS GENERALLY SHALL BE LOCATED ALONG THE RIGHT SIDE OF THE ROADWAY FACING ONCOMING TRAFFIC AT RIGHT ANGLES.
2. THE LOCATIONS OF SIGNS MAY BE ADJUSTED FROM THAT SHOWN IN THE WORK ZONE TRAFFIC CONTROL PLANS BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS.
3. EXISTING SIGNS THAT CONFLICT IN MESSAGE OR VISIBILITY WITH THE SIGNS REQUIRED BY THE WORK ZONE TRAFFIC CONTROL PLAN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS REPLACED UNDER THIS CONTRACT.
4. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
5. WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMPS, AND ONE WAY STREETS. IF LANE RESTRICTIONS REDUCE THE TRAVEL WAY TO ONE LANE, SIGNS SHALL BE PLACED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
6. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD AND OTHER DOCUMENTS NOTED IN "GENERAL NOTES 1". ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.
7. SIGN INSTALLATION NOTES:
A. SIGN SUPPORT - THE CONTRACTOR SHALL SUPPLY ADEQUATE SUPPORTS SO THAT THE SIGNS ARE IN PROPER POSITION AND ALIGNMENT AS SHOWN IN THE WORK ZONE TRAFFIC CONTROL PLAN, AND OTHER WZTC REQUIREMENT DOCUMENTATION. ALL WOOD SUPPORTS SHALL BE PAINTED WITH TWO (2) COATS OF WHITE PAINT.
B. SIGN PANELS MAY BE MADE OF ALUMINUM, STEEL OR PLYWOOD. THE BACKS OF ALL PLYWOOD PANELS SHALL BE PAINTED WITH TWO (2) COATS OF WHITE PAINT.
C. SIGN LEGEND - SIGN LEGEND, BORDERS AND MARGINS SHALL BE IN ACCORDANCE WITH THE MUTCD.
D. SIGN COLOR - THE COLOR OF THE SIGN BACKGROUND AND LEGEND SHALL BE AS SPECIFIED IN THE MUTCD. THE MARGIN SHALL BE THE SAME COLOR SPECIFIED FOR THE BACKGROUND, AND THE BORDER SHALL BE THE SAME COLOR SPECIFIED FOR THE LEGEND.
E. SIGN SHAPE - THE SHAPE OF ALL SIGNS SHALL BE AS SPECIFIED IN THE MUTCD. CORNERS OF SIGNS SHALL BE ROUNDED.
F. REFLECTORIZATION - ALL SIGNS SHALL BE REFLECTIVE USING HIGH INTENSITY REFLECTORIZED TAPE OR PAINT. ALL SIGNS SHALL BE REVIEWED AT NIGHT AFTER ERECTION FOR VISIBILITY AND REFLECTORIZATION. ANY SIGNS NOT MEETING PROPER REFLECTION REQUIREMENTS SHALL BE REPLACED.
8. THE CONTRACTOR SHALL KEEP SIGNS CLEANED AND CLEARED AT ALL TIMES. ALL SIGNS ARE THE PROPERTY OF THE CONTRACTOR AND SHALL BE MAINTAINED IN GOOD CONDITION FOR THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE REMOVED FROM THE WORK SITE WHEN THE CONTRACT WORK IS ACCEPTED.

WORK DURATION
WORK DURATION DIRECTLY INFLUENCES THE REQUIREMENTS FOR WORK ZONE TRAFFIC CONTROL TO FACILITATE THE UNDERSTANDING OF THE INFORMATION PRESENTED IN THE CONTRACT PLANS AND DOCUMENTS, ESPECIALLY THE NYSOT DOCUMENTS REFERENCED IN THE WZTC GENERAL NOTES, THE FOLLOWING DEFINITIONS ARE PRESENTED.
1. LONG TERM STATIONARY WORK - WORK THAT OCCUPIES A LOCATION MORE THAN THREE CONSECUTIVE DAYS. TYPICALLY THE WORK AREA IS OCCUPIED BY EXCAVATIONS, MATERIALS, AND/OR EQUIPMENT AT TIMES WHEN WORKERS ARE NOT PRESENT.
2. INTERMEDIATE-TERM STATIONARY WORK - WORK THAT OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO THREE CONSECUTIVE DAYS, OR NIGHTTIME WORK LASTING MORE THAN ONE HOUR. TYPICALLY THE WORK AREA IS OCCUPIED BY EXCAVATIONS, MATERIALS, AND/OR EQUIPMENT AT TIMES WHEN WORKERS ARE NOT PRESENT.
3. SHORT-TERM STATIONARY WORK - DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN ONE HOUR WITHIN A SINGLE DAYLIGHT PERIOD. EXAMPLES ARE GUIDERAIL REPAIR, DITCH MAINTENANCE, AND BRIDGE INSPECTION.
4. SHORT DURATION WORK - WORK THAT OCCUPIES A LOCATION UP TO ONE HOUR. EXAMPLES ARE POT HOLE REPAIR, MINOR GUIDERAIL REPAIR, AND SIGN REPAIR.
5. MOBILE WORK - WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY. EXAMPLES ARE PAINT STRIPING OPERATIONS, SWEEPING OPERATIONS, AND HERBICIDE SPRAYING.
THE ABOVE DEFINITIONS ARE ON PER NYSOT STANDARD SHEET 619-11, EFFECTIVE DATE 01/08/09, AND THE NYSOT WORK ZONE TRAFFIC CONTROL MANUAL.
LONG-TERM AND INTERMEDIATE-TERM WORK ZONE TRAFFIC CONTROL REQUIREMENTS ARE COVERED BY THE 619 SERIES OF THE NYSOT STANDARD SHEETS.
SHORT-TERM, SHORT DURATION, AND MOBILE WORK ZONE TRAFFIC CONTROL REQUIREMENTS ARE COVERED BY THE NYSOT WORK ZONE TRAFFIC CONTROL MANUAL.

WORK ZONE TRAFFIC CONTROL NOTES:
GENERAL NOTES:
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK ZONE TRAFFIC CONTROL (WZTC) FOR THE DURATION OF THE CONTRACT. WZTC SHALL BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING DOCUMENTS:
A. THE TRAFFIC CONTROL PLAN AND REQUIREMENTS SET FORTH IN THE PLANS AND/OR PROPOSAL OF THIS CONTRACT.
B. THE MOST CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
C. NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSOT) STANDARD SPECIFICATIONS - CHAPTER 19 WORK ZONE TRAFFIC CONTROL.
D. NYSOT STANDARD SHEETS FOR WORK ZONE TRAFFIC CONTROL FOR LONG TERM OPERATION - 619 SERIES FOR LONG TERM OPERATIONS. I.E. THE WORK ZONE IS IN EFFECT FOR OVERNIGHT.
E. NYSOT WORK ZONE TRAFFIC CONTROL MANUAL FOR SHORT TERM OPERATIONS, I.E. THE WORK ZONE IS IN EFFECT ONLY DURING THE DAY AND IS NOT MAINTAINED OVERNIGHT.
2. THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) IS DEFINED AS THE NATIONAL MUTCD FOR STREETS AND HIGHWAYS (US DEPARTMENT OF TRANSPORTATION/FEDERAL HIGHWAY ADMINISTRATION) AS MODIFIED BY THE NEW YORK STATE SUPPLEMENT TO THE NATIONAL MUTCD. WHEN MUTCD IS NOTED IT REFERS TO THE MOST CURRENT EDITION.
3. THE TYPICAL DETAILS PRESENTED IN MUTCD AND NYSOT STANDARD SHEETS REFLECT MINIMUM REQUIREMENTS. ADDITIONAL DEVICES AND/OR METHODS OF TRAFFIC CONTROL MAY BE ORDERED BY THE ENGINEER TO MEET FIELD CONDITIONS.
4. PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN MUST BE SUBMITTED FOR APPROVAL BY THE CONTRACTOR TO THE REGULATORY AGENCY WITH AUTHORITY OVER THE ROADWAY, OR ITS REPRESENTATIVE, I.E. ENGINEER. PROPOSED REVISIONS MUST BE SUBMITTED FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF THE PROPOSED REVISIONS.
5. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH CONTACT INFORMATION FOR STAFF AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE OF NORMAL WORK HOURS. THE CONTACT INFORMATION SHALL INCLUDE NAMES, ADDRESSES, AND TELEPHONE NUMBERS (HOME AND CELL). THE CONTRACTOR SHALL PROVIDE THE CONTACT INFORMATION TO THE APPROPRIATE REGULATORY AGENCIES, LOCAL POLICE AND NEW YORK STATE POLICE, AND THE LOCAL NYSOT MAINTENANCE RESIDENCY.
6. THE CONTRACTOR SHALL PROVIDE A TENTATIVE SCHEDULE OF OPERATIONS TO THE ENGINEER AND ALL LOCAL AUTHORITIES AND EMERGENCY SERVICE PROVIDERS TWO WEEKS BEFORE BEGINNING CONSTRUCTION ACTIVITIES. DURING CONSTRUCTION THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE NOTIFICATION TO THE ENGINEER, LOCAL AUTHORITIES, AND EMERGENCY SERVICE PROVIDERS OF CHANGES TO THE PREVIOUS WORK PLAN/WORK LOCATIONS. PROVISIONS SHALL BE MADE AT THE PRE-CONSTRUCTION MEETING OR OTHER MEETING PRIOR TO THE START OF WORK BETWEEN THE CONTRACTOR, LOCAL AUTHORITIES AND EMERGENCY SERVICE PROVIDERS TO ADDRESS A SITUATION WHEN EMERGENCY ACCESS IS NEEDED THROUGH A CONSTRUCTION OPERATION OF CONTRACT LIMITS.

PUBLIC ACCESS:
1. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS TO EACH ADJACENT PROPERTY DURING ALL CONSTRUCTION OPERATIONS.
2. IF CONDITIONS REQUIRE THAT ACCESS TO A PROPERTY BE TEMPORARILY CLOSED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND OCCUPANT AT LEAST 24 HOURS IN ADVANCE.
3. ALL PROPERTIES SHALL HAVE AT LEAST ONE ACCESS DRIVE OPEN FOR SAFE USE AT THE END OF EACH WORK DAY.
4. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE ACCESS SHALL BE OPEN AT ALL TIMES.
5. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

WORK LOCATIONS:
1. A MINIMUM 500' LONGITUDINAL DISTANCE SHALL BE MAINTAINED BETWEEN WORK OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. IF TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR IN CLOSE PROXIMITY (LESS THAN 500' APART), THE CONTRACTOR SHALL ENSURE THAT THERE ARE NO CONFLICTING SIGNS OR PAVEMENT MARKINGS, AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
LANE CLOSURES:
1. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. PRIOR TO HORIZONTAL CURVES AND VERTICAL CRESTS, TO THE EXTENT CONDITIONS PERMIT.
2. THE CONTRACTOR MAY BE REQUIRED TO RE-OPEN ALL TRAVEL LANES AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES, INCLUDING INCIDENTS OUTSIDE THE CONTRACT LIMITS.
3. LANE CLOSURES MUST CONFORM TO THE TIME REQUIREMENTS OF THE CONTRACT DOCUMENTS AND HIGHWAY WORK PERMITS IF ISSUED.
4. TEMPORARY LANE CLOSURES MAY NOT BE PERMITTED DURING THE PEAK TRAVEL PERIODS OF 7:00 TO 9:00 AM AND 3:30 TO 6:00 PM UNLESS APPROVED BY THE ENGINEER.
5. TEMPORARY LANE CLOSURES MAY NOT BE PERMITTED DURING THE FOLLOWING HOLIDAY PERIODS: EASTER WEEKEND, MEMORIAL DAY WEEKEND, JULY 4TH, COLUMBUS DAY, THANKSGIVING, CHRISTMAS, AND NEW YEAR'S DAY.

TABLE 6H-4 FORMULAS FOR DETERMINING TAPER LENGTHS

SPEED LIMIT (S) (MPH)	TAPER LENGTH (L) (FT.)	L = TAPER LENGTH	W = WIDTH OF OFFSET (FT.)	S = PRECONSTRUCTION POSTED SPEED LIMIT (MPH)
(40 MPH) OR LESS	$L = WS^2/60$			
(45 MPH) OR MORE	$L = WS$			

STANDARD TAPER LENGTHS

LATERAL SHIFT OF TRAFFIC FLOW PATH	(25 MPH)	(30 MPH)	(35 MPH)	(40 MPH)	(45 MPH)	(50 MPH)	(55 MPH)	(60 MPH)	(65 MPH)	(70 MPH)
4	45	60	85	110	180	200	220	240	260	280
5	55	75	105	135	225	250	275	300	325	350
6	65	90	125	160	270	300	330	360	390	420
7	75	105	145	190	315	350	385	420	455	490
8	85	120	165	215	360	400	440	480	520	560
9	95	135	185	240	405	450	495	540	585	630
10	105	150	205	270	450	500	550	600	650	700
11	115	165	225	295	495	550	605	660	715	770
12	125	180	245	320	540	600	660	720	780	840

TABLE NY2-A PLACEMENT DISTANCE FOR BARRIER VEHICLES

PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	PLACEMENT DISTANCE (FT.)			
	(18000 LBS.)		(24000 LBS.)	
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
> 55	100 FT.	200 FT.	100 FT.	200 FT.
45 - 55	100 FT.	200 FT.	85 FT.	165 FT.
< 45	85 FT.	165 FT.	50 FT.	100 FT.

* AS DEFINED IN NYSOT STANDARD SPECIFICATION 619:
BARRIER VEHICLE - VEHICLE USED FOR STATIONARY SHOULDER CLOSURES, LANE CLOSURES, AND OTHER STATIONARY WORK ZONES.
MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

NOTE: TABLES, TABLE NOTES & WORK ZONE TRAFFIC CONTROL AREA FROM NYSOT STANDARD SHEET 619-11 (01/08/09)

TABLE 6C-2 LONGITUDINAL BUFFER SPACE

PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	DISTANCE
25	155 FT.
30	200 FT.
35	250 FT.
40	305 FT.
45	360 FT.
50	425 FT.
55	495 FT.
60	570 FT.
65	645 FT.

WORK ZONE TRAFFIC CONTROL LEGEND

SYMBOL	DESCRIPTION
[Symbol]	ARROW PANEL
[Symbol]	ARROW PANEL, CAUTION MODE
[Symbol]	ARROW PANEL TRAILER OR SUPPORT
[Symbol]	CHANGEABLE MESSAGE SIGN (PMS)
[Symbol]	CHANNELIZING DEVICE
[Symbol]	CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
[Symbol]	DIRECTION OF TEMPORARY TRAFFIC DETOUR
[Symbol]	DIRECTION OF TRAFFIC
[Symbol]	FLAGGER
[Symbol]	FLAG TREE
[Symbol]	LUMINAIRE
[Symbol]	PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG TERM PROJECT
[Symbol]	SIGN, TEMPORARY
[Symbol]	TEMPORARY BARRIER
[Symbol]	TEMPORARY BARRIER WITH WARNING LIGHTS
[Symbol]	TRAFFIC OR PEDESTRIAN SIGNAL
[Symbol]	TYPE III BARRICADE
[Symbol]	WARNING LIGHTS
[Symbol]	WORK SPACE
[Symbol]	WORK VEHICLE
[Symbol]	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR

TABLE NYH-3 ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS			SIGN LEGEND
	A (FT.)	B (FT.)	C (FT.)	
URBAN (< 30 MPH)	100	100	100	AHEAD AHEAD
URBAN (35-40 MPH)	200	200	200	AHEAD AHEAD
URBAN (> 45 MPH)	350	350	350	1000 FT. AHEAD
RURAL (< 45 MPH)	500	500	500	1500 FT. 1000 FT.
EXPRESSWAY / FREEWAY	1000	1500	2640	1 MILE 1/2 MILE

* PRECONSTRUCTION POSTED SPEED LIMIT

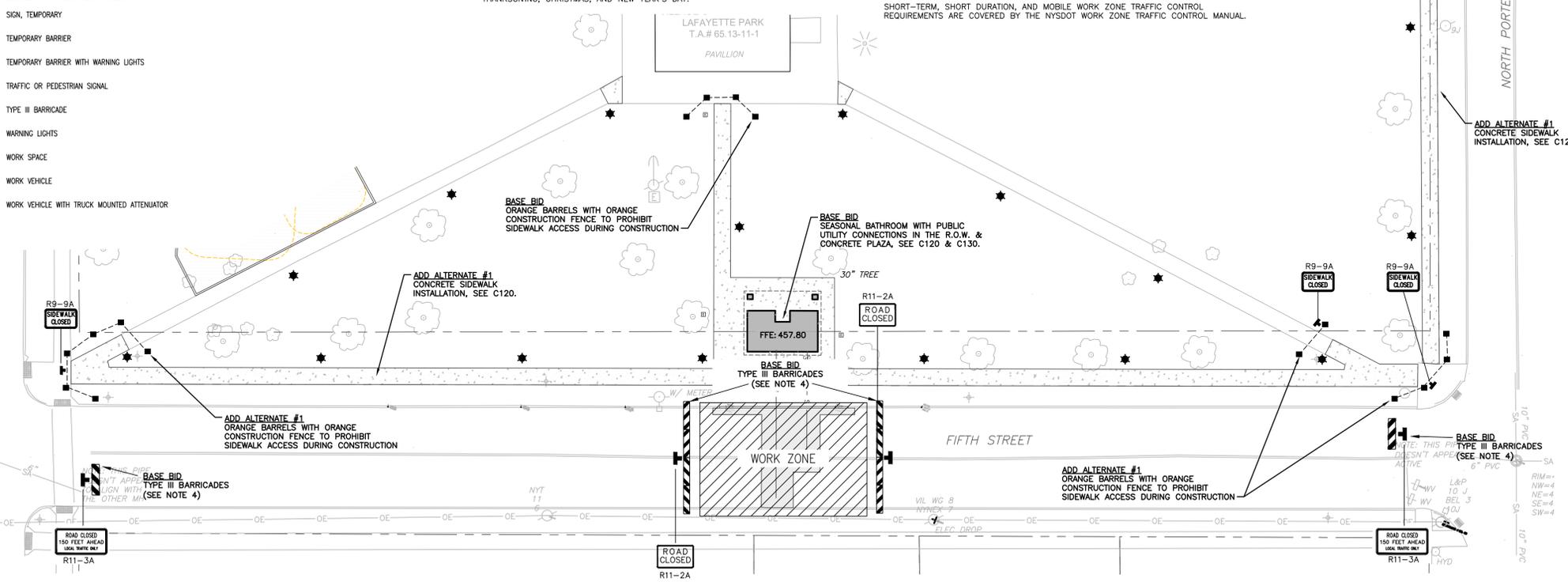
URBAN: (MEETS MORE THAN 1 OF THE FOLLOWING CRITERIA) SIDEWALKS, BICYCLE USAGE, CURBING, CLOSED DRAINAGE SYSTEMS, DRIVEWAY DENSITIES GREATER THAN 24 DRIVEWAYS PER MILE, MINOR COMMERCIAL DRIVEWAY DENSITIES OF 10 DRIVEWAYS PER MILE OR GREATER, MAJOR COMMERCIAL DRIVEWAYS, NUMEROUS RIGHT OF WAY CONSTRAINTS, HIGH DENSITY OF CROSS STREETS, 85TH PERCENTILE SPEEDS OF 45 MPH OR LESS.
RURAL: ANY AREA NOT EXHIBITING MORE THAN ONE OF THE ABOVE CHARACTERISTICS.
EXPRESSWAY: DIVIDED HIGHWAYS FOR TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.
FREWAYS/INTERSTATE: LOCAL OR INTER REGIONAL HIGH-SPEED, DIVIDED, HIGH-VOLUME FACILITIES WITH FULL OR PARTIAL CONTROL OF ACCESS.

TABLE 6C-3 TAPER LENGTH FOR TEMPORARY TRAFFIC CONTROL ZONES

TYPE OF TAPER	TAPER LENGTH (L)
MERCING TAPER	L
SHIFTING TAPER	L/2
SHOULDER TAPER	L/3
ONE-LANE, TWO-WAY TRAFFIC TAPER	100 FT. MAXIMUM
DOWNSIDE TAPER	100 FT. PER LANE

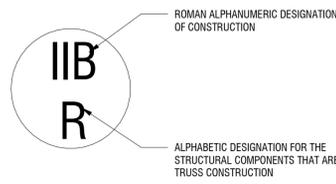
- IF THE ROAD IS OPENED FOR SOME DISTANCE BEYOND THE INTERSECTION AND/OR THERE ARE SIGNIFICANT ORIGIN/DESTINATION POINTS BEYOND THE INTERSECTION, THE R11-3A ROAD CLOSED SIGN AND THE M4-10(L/R) SIGN ON TYPE III BARRICADES MAY BE LOCATED AT THE EDGE OF THE TRAVELED WAY.
- ANY EXISTING SIGN, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET AS PER. BLANK COVERS USED TO COVER PORTIONS OF EXISTING SIGNS SHALL BE OF A COLOR AND REFLECTORIZED MATERIAL MATCHING THAT OF THE SIGN BEING PARTIALLY COVERED. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO SIGNS CAUSED BY THE METHODS USED TO TEMPORARILY REMOVE, REPLACE, RELOCATE OR COVER SIGN PANELS OR SIGN TEXT, AT NO ADDITIONAL COST TO THE STATE. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THE CONTACT DOCUMENTS.
- FOR LOCAL AND/OR COUNTY ROAD DETOUR SIGNAGE DETAILS REFER TO MUTCD WITH NEW YORK STATE SUPPLEMENT FOR GUIDANCE.
- WARNING LIGHTS MAY BE USED ON TYPE III BARRICADES.

1 WORK ZONE VEHICULAR & PEDESTRIAN TRAFFIC CONTROL DETAIL
SCALE: 1"=20'



GENERAL ARCHITECTURAL NOTES

- UNLESS OTHERWISE NOTED, ALL MASONRY DIMENSIONING IS NOMINAL TO FACE OF MASONRY, ALL NON-MASONRY DIMENSIONING IS TO FACE OF STUD, ALL CONCRETE DIMENSIONING IS FACE TO FACE OF WALL AND ALL COLUMNS ARE DIMENSIONED TO THE CENTER.
- PROVIDE CONCEALED BLOCKING IN ALL STUD PARTITIONS AND WALLS BEHIND SURFACE FOR SEMI-RECESSED, FULLY RECESSED OR SURFACE MOUNTED ACCESSORIES AND MILLWORK.
- DIMENSIONS NOTED AS "CLEAR" ARE TO FINISHED SURFACE AND ARE CRITICAL FOR ACCESSIBILITY REQUIREMENTS OR BUILT-IN FURNISHINGS.
- CONTRACTOR SHALL FIELD VERIFY FINISHED DIMENSIONS AND CLEARANCES IN SPACES INDICATED TO RECEIVE BUILT-IN FURNISHINGS OR CASEWORK PRIOR TO FABRICATION.
- ALL VERTICAL CONCRETE SURFACES WHICH WILL BE EXPOSED TO VIEW UPON COMPLETION OF WORK SHALL RECEIVE A SMOOTH RUBBED FINISH.
- ALL ENDS OF MASONRY WALLS THAT WILL BE EXPOSED TO VIEW UPON COMPLETION OF WORK SHALL BE PLAIN END UNITS.
- SEALANT SHALL BE PROVIDED AT THE INTERIOR AND EXTERIOR PERIMETER OF DOOR FRAMES, LOUVERS OR OTHER ITEMS INSERTED IN AN EXTERIOR WALL. ALL CONTINUOUS INTERIOR & EXTERIOR SEALANT FINAL COLOR SELECTIONS SHALL MATCH THE FINISH COLOR SELECTION OF THE ADJACENT BUILDING MATERIALS AND FINISHES (TYPICAL).
- WOOD USED FOR BLOCKING OR OTHER PURPOSES ON OR ABOVE THE ROOF DECK, WITHIN 2'-0" OF GRADE AND IN OTHER LOCATIONS OUTSIDE THE BUILDING ENVELOPE WHERE EXPOSED TO THE WEATHER SHALL BE PRESSURE TREATED LUMBER OR PLYWOOD.
- INSTALL ALL WORK AS INDICATED AND VERIFY EXACT LOCATION AND ELEVATIONS ON THE JOB.
- DO NOT SCALE DRAWINGS. REFER TO DIMENSIONS AND SPECIFIED MATERIALS. CONTACT THE ARCHITECT IF ADDITIONAL DIMENSIONS ARE REQUIRED.
- COORDINATE ALL DOOR HARDWARE, TRIM AND FINISHES TO MEET INTENT AND COMPLIANCE.
- ALL PLUMBING, FIRE PROTECTION, MECHANICAL, ELECTRICAL, & FF&E SYSTEMS & SYMBOLS SHOWN ARE FOR REFERENCE/COORDINATION ONLY. SEE PLUMBING, FIRE PROTECTION, MECHANICAL, ELECTRICAL, AND FF&E DRAWINGS FOR ADDITIONAL INFORMATION.
- FIRST FLOOR LEVEL DATUM ELEVATION (0'-0") IS EQUAL TO ACTUAL ELEVATION (457'-6"). ARCHITECTURAL ELEVATIONS U.O.N. ARE TAKEN FROM FINISHED FIRST FLOOR LEVEL DATUM ELEVATION (0'-0").**
- INTERIOR WALL AND CEILING FINISH MINIMAL REQUIREMENTS (FINISH CLASSIFICATIONS IN ACCORDANCE WITH ASTM E94) ARE AS FOLLOWS:
 VERTICAL EXITS AND EXIT PASSAGEWAYS - CLASS B
 EXIT ACCESS CORRIDORS AND OTHER EXIT WAYS - CLASS C
 ROOMS AND ENCLOSED SPACES - CLASS C
- TRUSS IDENTIFICATION SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH TITLE 19 NYCRR PART 1264 AND APPENDIX H OF THE FIRE CODE OF NEW YORK STATE 2010. TRUSS IDENTIFICATION SIGNS SHALL BE LOCATED AT BUILDING ENTRANCE DOORS, EXTERIOR DISCHARGE DOORS AND FIRE DEPARTMENT HOSE CONNECTIONS.
 A. ATTACH SIGN TO FACE OF DOOR, OR ATTACHED TO A SIDELIGHT OR FACE OF THE BUILDING NOT MORE THAN 12 INCHES HORIZONTALLY FROM THE LATCH SIDE OF THE DOOR JAMB, AND NOT LESS THAN 42 INCHES NOR MORE THAN 60 INCHES ABOVE THE ADJOINING WALKING SURFACES.
 B. ATTACH SIGN AT EACH END OF A ROW OF DOORS AT A MAXIMUM HORIZONTAL DISTANCE OF 12 FEET BETWEEN SIGNS, AND NOT LESS THAN 42 INCHES NOR MORE THAN 60 INCHES ABOVE THE ADJOINING WALKING SURFACE.
 C. AT FIRE DEPARTMENT HOSE CONNECTIONS ATTACH TO THE FACE OF BUILDING, NOT MORE THAN 12 INCHES HORIZONTALLY FROM THE CENTER LINE OF THE FIRE DEPARTMENT HOSE CONNECTION, AND NOT LESS THAN 42 INCHES NOR MORE THAN 60 INCHES ABOVE THE ADJOINING WALKING SURFACE.
 D. SIGNS IDENTIFYING THE EXISTENCE OF TRUSS CONSTRUCTION SHALL CONSIST OF A CIRCLE 6 INCHES IN DIAMETER, WITH A STROKE WIDTH OF 1/2 INCH. THE SIGN BACKGROUND SHALL BE REFLECTIVE WHITE IN COLOR, THE CIRCLE AND CONTENTS SHALL BE REFLECTIVE RED IN COLOR, CONFORMING TO PANTONE MATCHING SYSTEM (PMS) # 187. WHERE A SIGN IS DIRECTLY APPLIED TO A DOOR OR SIDELIGHT, IT MAY BE A PERMANENT STICKER OR DECAL. SIGNS NOT DIRECTLY APPLIED TO DOORS OR SIDELIGHTS SHALL BE STURDY, NON-FADING, WEATHER RESISTANT MATERIAL.
 F. SIGNS SHALL CONTAIN THE ROMAN ALPHANUMERIC DESIGNATION OF THE CONSTRUCTION TYPE OF THE BUILDING, IN ACCORDANCE WITH THE PROVISIONS FOR THE CLASSIFICATION OF TYPES SET FORTH IN SECTION 602 OF THE BUILDING CODE OF NEW YORK STATE 2010, AND AN ALPHABETIC DESIGNATION FOR THE STRUCTURAL COMPONENTS THAT ARE OF TRUSS CONSTRUCTION AS FOLLOWS:
 "F" SHALL MEAN FLOOR FRAMING, INCLUDING GIRDERS AND BEAMS
 "R" SHALL MEAN ROOF FRAMING
 "FR" SHALL MEAN FLOOR AND ROOF FRAMING
 G. THE CONSTRUCTION TYPE DESIGNATION SHALL BE PLACED AT TWELVE O'CLOCK POSITION OVER THE STRUCTURAL COMPONENT DESIGNATION, WHICH SHALL BE PLACED AT THE SIX O'CLOCK POSITION. REFER TO FOLLOWING SYMBOL FOR THIS BUILDING.



LINE TYPES

- VISIBLE ITEMS
- CENTER LINE OR COLUMN GRID
- HIDDEN OR NOT IN CONTRACT
- BREAK LINE
- OVERHEAD

WALL/ PARTITION DESIGNATIONS

- VENEER FACE
- WOOD STUD PARTITION - SEE PARTITION TYPES

ARCHITECTURAL ABBREVIATIONS

A	Area Anchor Bolt Access Acoustical Acrylic Acoustic Acoustical Tile Access Door Adhesive Adjust, Adjustable Above Finished Floor Aggregate Alternate Aluminum Anodized Access Panel Approximate Acoustical Tile Ceiling	G	Gauge, Gage Galvanized General Contractor Glass Glass Block Grout Grating Gravel Gypsum Gypsum Board
B	Bedroom Between Board Foot Bituminous Building Blocking Bottom Bearing Plate Bearing Brick Bronze Both Sides Basement Built-up Roof	H	Handicapped (better called "Accessible") Hardware Hardwood Height Hollow Metal Horizontal Hour Hardwood
C	Center to Center Cabinet Carpet Carly Counter Clockwise Closed Circuit TV Cement Ceramic Cubic Feet Chanter Control Joint Caulking Centerline Ceiling Caulking Clear Clear Opening Ceramic Mosaic Tile Concrete Masonry Unit Column Concrete Construction Continuous Contractor Copper Copper Carpet Ceramic Tile Clockwise	I	Inside Diameter Inch Include Information Install Insulation Interior Intermediate
D	Double Degree Demolition Drinking Fountain Diagonal Diameter Diameter Diffuser Down Door Drawing Drawings Drawer	J	Janitor Janitor's Closet Joint
E	Each Expansion Bolt Each End Each Face Exterior Insulation and Finish System Expansion Joint Elevation, Elevator Elevator, Elevation Enclosure Ethylene Propylene Diene Monomer Equal Equipment Existing To Remain Each Way Existing Exhaust Existing Exposed	L	Laboratory, Labor Lavatory LAV LBS LBS Label Linoleum Lintel
F	Face Brick Floor drain Fire Department Connection Foundation Fire Extinguisher Fire Extinguisher Cabinet Finished Floor Elevation Features, Furnishings & Equipment Finished Floor Line Fiberglass Fire Hose Cabinet Finish, finished Fixture Floor Floor Finished Opening Face of Finish Fireproof Fire Retardant Foot, Feet Footing, Fitting Furnish, Furniture Furring	M	Maintenance Manual Marble MARB MASONRY Material Maximum Mechanical Membrane Manufactured Manufacturer, Manufacturing Manufacture, Manufacturer Mount, Mounted Microphone Minimum Mirror Miscellaneous MIS Metal Lath & Plaster Molding Molding Millimeter Membrane Masonry Opening Module Monolithic MOV Metal Acoustical Panel Medium Pressure Steam Mop Receptor Metal Roof Deck MT Mounted Material, Metal Mullion Mullion Mercury Vapor Maximum Working Pressure Millwork
G	Face Brick Floor drain Fire Department Connection Foundation Fire Extinguisher Fire Extinguisher Cabinet Finished Floor Elevation Features, Furnishings & Equipment Finished Floor Line Fiberglass Fire Hose Cabinet Finish, finished Fixture Floor Floor Finished Opening Face of Finish Fireproof Fire Retardant Foot, Feet Footing, Fitting Furnish, Furniture Furring	N	North, Nitrogen Napkin Natural Natural "Nota Bene" Latin phrase for "Take Special Note" Normally Closed, Noise Criteria National Electrical Code Neutral Near Face Non-Freeze Wall Hydrant Nickel Not In Contract Neck Non-Metallic Number, Normally Open Nominal Noise Reduction Noise Reduction Coefficient Not To Scale
H	Handicapped (better called "Accessible") Hardware Hardwood Height Hollow Metal Horizontal Hour Hardwood	O	Obscure Obscure On Center Outside Diameter Outside Face Office Overhead Overhead Door Opening Opposite Opposite Hand

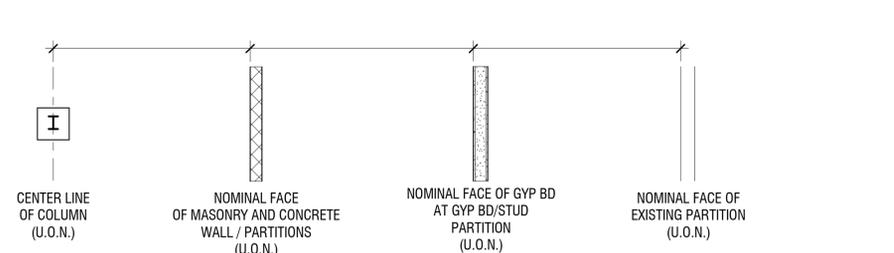
MATERIAL SYMBOLS

	CONCRETE MASONRY UNITS (CMU)		WOOD (FINISHED)		RIGID INSULATION
	CONCRETE		WOOD (ROUGH)		BATT, OR LOOSE INSULATION
	BRICK		WOOD (BLOCKING)		EARTH
	CEMENT, SAND, GROUT, PLASTER, OR GYPSUM WALL BOARD		PARTICLE BOARD		CARPET
	STEEL		PLYWOOD		STONE, GRAVEL, OR POROUS FILL

ARCHITECTURAL DRAWINGS SYMBOLS

	MATCH LINE		BUILDING SECTIONS
	ELEVATION LINE		WALL SECTIONS
	COLUMN LINE REFERENCES		DETAIL SECTIONS
	DOOR TAGS		EXTERIOR ELEVATIONS
	ROOM TAG		INTERIOR ELEVATIONS
	WINDOW TAG/LOUVER TAG		DETAIL CALL OUTS
	WALL TYPE		REVISION SYMBOL AND CLOUD
	DEMO KEYNOTE		
	PLAN/ELEVATION KEYNOTE		
	FINISH KEYNOTE		

TYPICAL PLAN DIMENSIONING



GENERAL REMOVAL NOTES:

- DASHED LINES INDICATE ITEMS TO BE REMOVED.
- ELEMENTS TO REMAIN IN PLACE SHALL BE PROTECTED FROM DAMAGE, DUST AND DEBRIS.
- DUST CONTROL SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PERFORM CLEAN UP OF ALL REFUSE, RUBBISH, SCRAP MATERIALS AND DEBRIS CAUSED BY THE WORK ON A DAILY BASIS. CLEANING OF AREA SURROUNDING THE WORK AREA WHERE CONSTRUCTION DEBRIS OR DUST ACCUMULATES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- REFER TO CIVIL, PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTIONS DRAWINGS FOR DEMOLITION OF ADDITIONAL ITEMS. REFER TO ABATEMENT DRAWINGS FOR HAZARDOUS MATERIAL DEMOLITION ITEMS.
- CONTRACTOR TO MAINTAIN WATER TIGHT INTEGRITY OF BUILDING AT ALL TIMES.
- EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE AND ARE NOT GUARANTEED. CONTRACTORS ARE RESPONSIBLE FOR EXAMINING THE BUILDING AND VERIFYING EXISTING CONDITIONS AND ARE TO CONTACT THE OWNER REPRESENTATIVE REGARDING ANY DISCREPANCIES.
- DEMOLITION WORK SHALL INCLUDE REMOVAL OF ALL ITEMS INDICATED TO BE REMOVED AND/OR SALVAGED, AND LEGAL DISPOSAL OF ITEMS NOT INTENDED FOR SALVAGE. WORK SHALL ALSO INCLUDE REMOVAL OF ALL MINOR SUPPORTS, BRACKETS, FASTENERS, CONDUITS, PIPING, AND SIMILAR ITEMS WHICH ARE NOT INDICATED TO REMAIN.
- ALL FLOOR AND WALL CONDITIONS WHICH ARE TO RECEIVE NEW CONSTRUCTION ARE TO BE DEMOLISHED AS INDICATED AND PROPERLY PREPPED TO RECEIVE NEW FINISHES, U.O.N.
- ALL FLOOR, WALL, AND CEILING CONDITIONS THAT ARE DISTURBED BY DEMOLITION ARE TO BE PATCHED, REPAIRED AND/OR PAINTED, WITH SIMILAR MATERIALS AND COLORS. REFER TO NEW WORK FLOOR PLANS, REFLECTED CEILING PLANS, AND FINISH SCHEDULE.
- FOR ADDITIONAL REMOVAL INFORMATION REFER TO SECTIONS AND DETAILS.

GENERAL CONSTRUCTION NOTES:

- CONSTRUCTION SHALL CONFORM TO THE "NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE", LATEST REVISION, THE NEW YORK STATE ENERGY CODE AND ANY OTHER CODES GOVERNED BY THE JURISDICTION IN WHICH THE PROJECT IS BEING CONSTRUCTED.
- CONSTRUCTION SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTORS ARE RESPONSIBLE FOR ALL MATERIALS, CONSTRUCTION METHODS AND CRAFTSMANSHIP.
- CONTRACTORS ARE TO VERIFY ALL EXISTING CONDITIONS, REQUIREMENTS, NOTES, CODES AND DIMENSIONS, PRIOR TO THE START OF CONSTRUCTION AND SHALL NOTIFY THE ARCHITECT IF CONDITIONS VARY FROM THOSE SHOWN ON THE DOCUMENTS.
- CONTRACTORS ARE TO PROVIDE ADEQUATE SUPPORT OF EXISTING FOUNDATION WALLS, LOAD BEARING WALLS AND PARTITIONS DURING DEMOLITION AND CONSTRUCTION.
- THOROUGHLY COORDINATE WORK WITH OTHER TRADES AND DETERMINE THE EXACT ROUTE AND LOCATION OF UTILITIES, MATERIALS AND EQUIPMENT BEFORE FABRICATION AND INSTALLATION.
- WHEN EXISTING CONSTRUCTION IS REMOVED, DISTURBED, DAMAGED, REPLACED OR RENOVATED IN ANY WAY, CONTRACTORS SHALL PROVIDE PATCHING, PAINTING AND MATERIALS OF SAME TYPE AND QUALITY AS TO MATCH ADJACENT EXISTING SURFACES, UNLESS OTHERWISE NOTED.
- CONTRACTORS PROVIDE ALL BLOCKING, FURRING AND SHIMMING FOR INSTALLATION AND COMPLETION OF WORK.
- ALL NEW WORK SHALL BE PLUMB, LEVEL AND SQUARE. SCRIBE AND MAKE FIT ALL NEW TO EXISTING.
- CONTRACTORS VERIFY ALL DIMENSIONS BEFORE ORDERING MATERIAL OR DOING WORK. NO EXTRA COMPENSATION OR CHARGES WILL BE ACCEPTED DUE TO DIFFERENCES BETWEEN THE ACTUAL MEASUREMENTS AND MEASUREMENTS INDICATED ON THE DRAWINGS.
- ALL DETAILS ARE SUBJECT TO CHANGE DUE TO EXISTING FIELD CONDITIONS. CONTRACTOR MUST NOTIFY ARCHITECT OF SAME.
- NO SITE VISITS WILL BE MADE BY THE ARCHITECT. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR CHANGES TO THESE DRAWINGS AND COMPLETION OF COMPLIANT WORK.
- THESE DRAWINGS DO NOT PURPORT TO SHOW ALL ITEMS AND PROCEDURES REQUIRED FOR A COMPLETE INSTALLATION. THE INTENT IS TO INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF THE GENERAL ARCHITECTURAL DESIGN CONCEPT, THE LOCATION/DIMENSIONS OF THE CONSTRUCTION AND MAJOR ELEMENTS OF CONSTRUCTION.
- CONTRACTORS ARE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS ASSOCIATED WITH THE WORK OF THEIR CONTRACT.
- ITEMS NOTED AS 'BY OWNER' ARE TO BE FURNISHED AND INSTALLED BY THE OWNER OR THE OWNERS VENDOR.



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VILLAGE OF WATKINS GLEN

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS

WATKINS GLEN, NY

NO.	DATE:	DESCRIPTION:
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: MJH

REVIEWED BY: MJH

ISSUED FOR: 100% BID SET

DATE: 9/28/2022

DRAWING NAME:

NOTES, SYMBOLS & ABBREVIATIONS

DRAWING NUMBER:

A001

STRUCTURAL DESIGN TABLE - IBC 2018 (IN ACCORDANCE WITH APPLICABLE BUILDING CODE)			
BUILDING DATA:		WATKINS GLEN, NY	
BUILDING OCCUPANCY RISK CATEGORY	II	2020 NYS BUILDING CODE	IBC 2018 TABLE 1604.5
GEO TECHNICAL INFORMATION:			
ALLOWABLE BEARING PRESSURE	1500 PSF		
FLOOR LIVE LOAD:			
TOILET ROOMS	LL1	60 PSF	IBC 2018 TABLE 1607.1
ROOF LIVE LOAD:			
ROOF	LLr	20 PSF	IBC 2018 TABLE 1607.1
SNOW LOAD:			
SNOW LOAD IMPORTANCE FACTOR	Is	1	ASCE 7-16 TABLE 1.5-2
GROUND SNOW LOAD	Pg	40	IBC 2018 FIGURE 1608.2
SNOW EXPOSURE FACTOR	Ce	1	ASCE 7-16 TABLE 7.3-1
THERMAL FACTOR	Ct	1	ASCE 7-16 TABLE 7.3-2
FLAT ROOF SNOW DRIFTING SNOW	Pf	28 PSF	ASCE 7-16 SECTION 7.3
		AS REQ. PER ASCE 7-16	ASCE 7-16 SECTION 7.7
WIND LOAD:			
BASIC DESIGN WIND SPEED (3-SECOND GUST)	Vbasic	110 mph	ASCE 7-16 SECTION 26.5
ALLOWABLE STRESS DESIGN WIND SPEED (3-SECOND GUST)	Vasd	85 mph	IBC 2018 SECTION 1609.3.1
WIND DIRECTIONALITY FACTOR	Kd	0.85	ASCE 7-16 SECTION 26.6
EXPOSURE CATEGORY	B		ASCE 7-16 SECTION 26.7
TOPOGRAPHIC FACTOR	Kzt	1.00	ASCE 7-16 SECTION 26.8
GROUND ELEVATION FACTOR	Ke	1.00	ASCE 7-16 SECTION 26.9
ENCLOSURE CLASSIFICATION		ENCLOSED	ASCE 7-16 SECTION 26.12
EARTHQUAKE LOAD:			
SEISMIC - FORCE RESISTING SYSTEM	A. BEARING WALL SYSTEMS		ASCE 7-16 TABLE 12.2-1
SOIL SITE CLASSIFICATION	D		ASCE 7-16 SECTION 20.3
SPECTRAL RESPONSE ACCELERATION AT 0.2 SEC	Ss	0.12g	ASCE 7-16 FIGURE 22-1
SPECTRAL RESPONSE ACCELERATION AT 1.0 SEC	S1	0.044g	ASCE 7-16 SECTION 11.4.2
SEISMIC IMPORTANCE FACTOR	Ie	1.0	ASCE 7-16 TABLE 1.5-2
DESIGN SPECTRAL RESPONSE COEFFICIENT	SDS	0.128g	ASCE 7-16 SECTION 11.4.5
DESIGN SPECTRAL RESPONSE COEFFICIENT	SD1	0.071g	ASCE 7-16 SECTION 11.4.5
SEISMIC DESIGN CATEGORY	B		ASCE 7-16 TABLE 11.6-(1&2)
ANALYSIS PROCEDURE	EQUIV. LATERAL FORCE		ASCE 7-16 SECTION 12.8

EGRESS			
OCCUPANCY	REQUIRED	PROVIDED	CODE SECTION
EXIT ACCESS TRAVEL DISTANCE (EATD)			
B	200' MAX	11' - 3"	[TABLE 1017.2]
NUMBER OF EXITS			
B	1 MIN	1	[TABLE 1006.2.1]
EGRESS DOOR WIDTH			
	32" MIN	36"	[1010.1.1]
EXIT CAPACITY (0.2' / OCCUPANT)			
	33.2' MIN		[1005.3.2]

ENERGY CODE		SCHUYLER COUNTY ZONE 6A
THERMAL ENVELOPE EXEMPTION	CODE SECTION	
LOW-ENERGY USE BUILDING, <1 WATT/SF	[TABLE C402.1.1]	

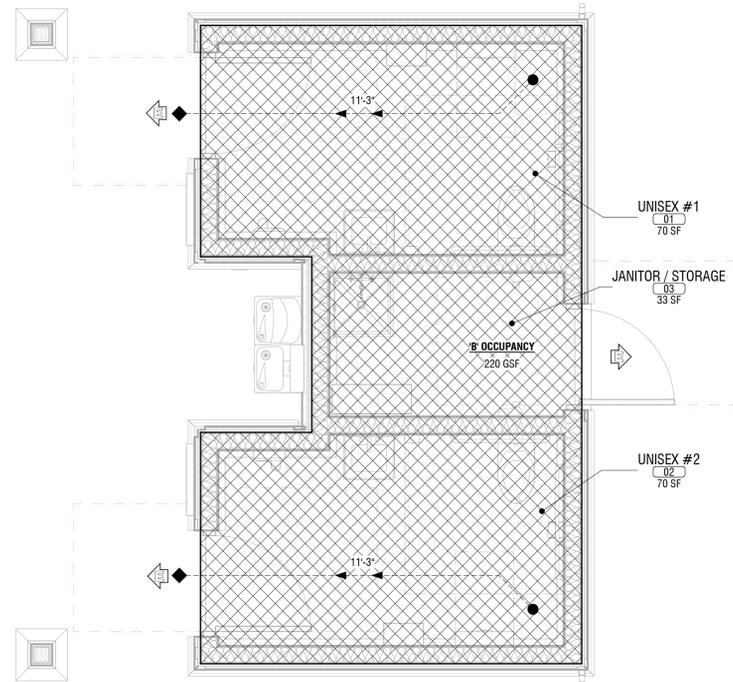
BUILDING DATA		
USE AND OCCUPANCY	CODE SECTION	
B RESTROOMS / JANITOR CLOSET	[302.1]	
AUTOMATIC SPRINKLER SYSTEM		
NO	[903.2.11]	
THE BUILDING DOES NOT MATCH ANY USE CASE OUTLINED IN THIS CODE SECTION REQUIRING AN AUTOMATIC SPRINKLER SYSTEM		
CONSTRUCTION CLASSIFICATION		
IB	[TABLE 601]	
ALLOWABLE BUILDING HEIGHT		
55' MAX	13' - 4"	
ALLOWABLE BUILDING AREA		
B	23,000 SF	174 SF
REQUIRED SEPARATION OF OCCUPANCIES		
NONE	[TABLE 508.4]	

APPLICABLE CODES	
BUILDING CODE	2020 BUILDING CODE OF NEW YORK STATE
ENERGY CONSERVATION	2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
FIRE PROTECTION	2020 FIRE CODE OF NEW YORK STATE
MECHANICAL	2020 MECHANICAL CODE OF NEW YORK STATE
PLUMBING	2020 PLUMBING CODE OF NEW YORK STATE
ELECTRICAL	NFPA 70 - 2017

OCCUPANT LOAD				
OCCUPANCY	TOTAL AREA	SF / OCCUPANT	OCCUPANTS	CODE SECTION
TOTALS	174 SF	150 SF / OCCUPANT	1 PERSON	[TABLE 1004.5]

BUILDING AREAS		
OCCUPANCY - BUSINESS	AREA	
GROSS BUILDING AREA		
TOTAL	220 GSF	
NET BUILDING AREA		
NO.	ROOM NAME	AREA
01	UNISEX #1	70 SF
02	UNISEX #2	70 SF
03	JANITOR / STORAGE	33 SF
TOTAL BUILDING AREA:		174 SF

LIFE SAFETY LEGEND	
EXIT	EXIT DISCHARGE
TRAVEL DISTANCE AND DIRECTION OF TRAVEL	
COMMON PATH OF EGRESS	
REMOTE POINT OF TRAVEL	
EXIT	
FIRE EXTINGUISHER CABINET (1 PER 75 FT RADIUS)	



1 T.O. CONC. SLAB-ON-GRADE
A002 SCALE: 3/8" = 1'-0"



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CODE COMPLIANCE AND LIFE SAFETY PLANS

DRAWING NUMBER:



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WATKINS GLEN, NY

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: MJH/DJP

REVIEWED BY: MJH

ISSUED FOR: 100% BID SET

DATE: 9/28/2022

DRAWING NUMBER:

PARTITION TYPES

DRAWING NUMBER:

A003

PARTITION TYPE LEGEND



MATERIAL DESIGNATION

S WOOD STUDS @ 16" O.C.

SIZE SUFFIX

6 6" WOOD STUDS

RATING SUFFIX

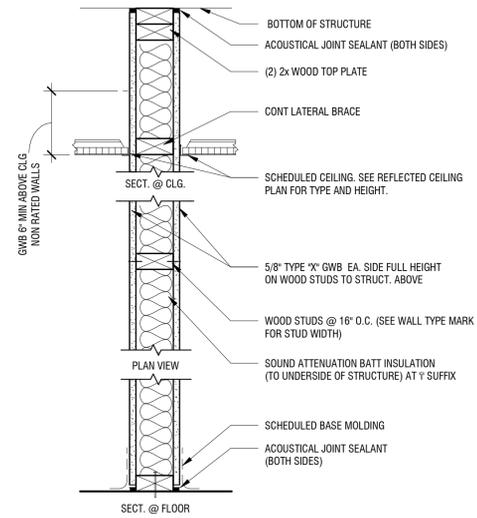
0 NON-RATED

ACCESSORIES SUFFIX

i SOUND ATTENUATION BATT INSULATION

GENERAL PARTITION NOTES

- ALL PARTITION EXTEND TO BOTTOM OF RAFTER JOISTS UNLESS OTHERWISE INDICATED.
- ALL NON-BEARING PARTITIONS SHALL BE CONSTRUCTED TO LIMIT DEFLECTION TO L/362 OF THE SPAN WITH UNIFORM 5 PSF HORIZONTAL LOADING.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL INTERIOR LOCATIONS
- PROVIDE DOUBLE FRAMING AT ALL DOOR, WINDOW AND CASED OPENINGS JAMBS AND HEAD CONDITIONS.
- FOR ALL PARTITIONS, COORDINATE AND PROVIDE BLOCKING FOR ALL BUT NOT LIMITED TO WALL MOUNTED ARCHITECTURAL WOODWORK, FINISH CARPENTRY, TOILET PARTITIONS AND ACCESSORIES, EQUIPMENT, HANDRAILS, HARDWARE AND SIMILAR MOUNTED ITEMS.



WALL TYPE S (WOOD STUD)

STUD SIZE	PARTITION WIDTH	FIRE TEST DESIGN NO.	FIRE RATING	STC	GYPSUM LAYERS EACH SIDE	
S6.0i	6" NOM.	6 3/4"	--	NON-RATED	--	1x 5/8" + 1x 5/8"

GENERAL STRUCTURAL NOTES:

- BUILDING CODE: BUILDING CODE OF NEW YORK STATE, LATEST EDITION
- CONSTRUCTION LOADING: DURING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL LIMIT AND CONTROL CONSTRUCTION LOADING, INCLUDING BUT NOT LIMITED TO:
 - MATERIAL STOCKPILING AND EQUIPMENT TO PRECLUDE OVERSTRESSING, CONSTRUCTION LIVE LOAD IN EXCESS OF 20 PSF, OR DAMAGE TO ANY STRUCTURAL ELEMENT.
- COORDINATION WITH OTHER DISCIPLINES: THE CONTRACTOR SHALL COORDINATE ALL STRUCTURAL WORK WITH THE ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS AND SPECIFICATIONS.
- OPENINGS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING SIZE AND LOCATION OF ALL OPENINGS IN NEW CONSTRUCTION WITH THE DISCIPLINE REQUIRING THEM.

FOUNDATION NOTES:

- NO GEOTECHNICAL INFORMATION WAS AVAILABLE AT THE TIME OF DESIGN. ASSUMED ALLOWABLE BEARING PRESSURE = 1,500 PSF
- ALL EXCAVATIONS SHALL FULLY CONFORM TO LOCAL, STATE AND FEDERAL SAFETY REGULATIONS.
- DO NOT BACKFILL AGAINST CONCRETE ELEMENTS UNTIL PLACED CONCRETE HAS REACHED 75% OF ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH.
- BACKFILL BOTH SIDES OF FOUNDATION WALLS IN EQUAL, ALTERNATE LIFTS IN ORDER TO AVOID IMPOSING UNBALANCED LATERAL PRESSURE ON THE WALLS.
- ALLOW TESTING AGENCY TO INSPECT AND APPROVE ALL COMPACTED SUBGRADE AND FILL LAYERS PRIOR TO FURTHER BACKFILL AND/OR PLACEMENT OF CONCRETE. TESTING AND INSPECTION RESULTS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER.
- THE SUITABILITY AND STABILITY OF EXISTING SOILS AND FILL, THE DEPTHS AND LATERAL LIMITS OF UNSUITABLE MATERIAL TO BE REMOVED, AND ADEQUACY OF FOUNDATION BEARING CAPACITIES SHALL BE DETERMINED BY THE PROJECT GEOTECHNICAL ENGINEER.
- BACKFILL AND FILL MATERIALS SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY ACCORDING TO THE MODIFIED PROCTOR TEST (ASTM D-1557). ALL EXISTING BACKFILL SHALL BE RECOMPACTED AS SUCH.
- EXCAVATION AND BACKFILL OPERATIONS SHALL BE MAINTAINED IN A DRY CONDITION. SURFACE AND INFILTRATING WATER SHALL BE REMOVED BY SITE GRADING AND/OR BY PUMPING FROM SUMPS AS REQUIRED.

CONCRETE NOTES:

- SUBMITTALS
 - SUBMIT SHOP DRAWINGS FOR REINFORCING, INCLUDING ALL NECESSARY ACCESSORIES TO HOLD REINFORCING SECURELY IN PLACE, FOR REVIEW AND APPROVAL. WHERE RESUBMITTAL OF SHOP DRAWINGS IS REQUIRED, ALL REVISIONS SHALL BE CLEARLY IDENTIFIED BY CLOUDING AND REVISION TAGS.
 - SUBMIT FOR REVIEW ALL MATERIALS AND METHODS FOR CONCRETE CURING.
- PROVIDE THE FOLLOWING MINIMUM CONCRETE CLEAR COVER FOR REINFORCING STEEL, UNLESS OTHERWISE NOTED.:
 - CONCRETE PLACED AGAINST EARTH: 3.0 IN.
 - FORMED SURFACES IN CONTACT WITH EARTH OR EXPOSED TO WEATHER
 - #6 THROUGH #18 BARS: 2.0 IN.
 - #5 BARS AND SMALLER: 1.5 IN.
 - FORMED SURFACES NOT IN CONTACT WITH EARTH OR EXPOSED TO WEATHER
 - #14 AND #18 BARS: 1.5 IN.
 - #11 BARS AND SMALLER: 1.0 IN.
- ALL CONCRETE WORK, CONSTRUCTION, AND REINFORCING DETAILS SHALL CONFORM TO THE 'BUILDING CODE OF NEW YORK STATE, LATEST EDITION'.
- ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 318.
- ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60.
- ALL REINFORCING SHALL BE LAPPED OR EMBEDDED IN ACCORDANCE WITH ACI 318, UNLESS OTHERWISE NOTED.
- PROVIDE CORNER BARS TO MATCH ALL HORIZONTAL REINFORCING AT CORNERS OR INTERSECTIONS.
- CHAMFER EXTERIOR CORNERS AND EDGES OF PERMANENTLY EXPOSED CONCRETE.
- PRIOR TO PLACEMENT OF CONCRETE, A FIELD REPRESENTATIVE SHALL BE INFORMED A MINIMUM OF 24 HOURS IN ADVANCE OF PLACEMENT, TO ALLOW INSPECTION OF REINFORCING STEEL, AND PREPARATION FOR TAKING CONCRETE SAMPLES. INDEPENDENT TESTS ARE REQUIRED FOR ALL CONCRETE PLACEMENTS.
- INSTALLATION OF REINFORCEMENT SHALL BE COMPLETED AT LEAST 24 HOURS PRIOR TO THE SCHEDULED CONCRETE PLACEMENT.
- VAPOR BARRIER: POLYETHYLENE SHEET, ASTM D 4397, NOT LESS THAN 15-MIL. LOCATED BELOW INTERIOR SLABS-ON-GRADE.
- SYNTHETIC MICRO-FIBER: FIBRILLATED POLYPROPYLENE MICRO-FIBERS ENGINEERED AND DESIGNED FOR USE IN CONCRETE, COMPLYING WITH ASTM C 1116/C 1116M, TYPE III.
- PROTECT CONCRETE FROM PREMATURE DRYING IMMEDIATELY AFTER PLACEMENT. CURING OF CONCRETE SLABS MUST START WITHIN 2 HOURS AFTER FINISHING OPERATIONS ARE COMPLETE. SLABS-ON-GRADE SHALL BE WET CURED FOR 7 DAYS. CURING COMPOUNDS ARE PROHIBITED.
- SLABS-ON-GRADE SHALL HAVE CONTROL JOINTS SPACED AT 12 FT OC MAXIMUM EACH DIRECTION. SAW CUT JOINTS SHALL BE MADE WITHIN 12 HOURS OF PLACING SLAB. AFTER CONCRETE IS CURED AND READY FOR PLACEMENT OF FLOOR FINISH, ALL SLABS INSIDE THE BUILDING SHALL HAVE CONTROL JOINTS FILLED WITH APPROVED JOINT FILLER.
- CONCRETE SHALL BE CONTROLLED, PROPORTIONED, MIXED AND PLACED IN THE PRESENCE OF A REPRESENTATIVE OF AN APPROVED TESTING AGENCY.
- CONDUIT OR PIPES SHALL BE PLACED UNDER SLABS-ON-GRADE.
- ALUMINUM CONDUITS OR PIPES SHALL NOT BE PLACED IN CONCRETE.
- AIR-ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C260 AND WATER-REDUCING ADMIXTURES SHALL CONFORM TO ASTM C494

CONCRETE MIX NOTES:

- SUBMIT MIX DESIGNS FOR REVIEW AND APPROVAL.
- FOOTINGS, PIERS, AND FOUNDATION WALLS: PROPORTION NORMAL-WEIGHT CONCRETE MIXTURE AS FOLLOWS:
 - MINIMUM COMPRESSIVE STRENGTH: 4000 PSI AT 28 DAYS.
 - MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIO: 0.5
 - SLUMP LIMIT: 4 INCHES PLUS OR MINUS 1 INCH. IF ADMIXTURES ARE USED TO IMPROVE WORKABILITY, THE MAXIMUM SLUMP LIMITS MAY BE RELAXED WITH ENGINEER'S APPROVAL.
 - AIR CONTENT: 6 PERCENT PLUS OR MINUS 1.5 PERCENT, AT POINT OF DELIVERY.
 - COARSE AGGREGATE: 1 1/2-INCH NOMINAL MAXIMUM AGGREGATE SIZE.
- SLABS-ON-GRADE: PROPORTION NORMAL-WEIGHT CONCRETE MIXTURE AS FOLLOWS:
 - MINIMUM COMPRESSIVE STRENGTH: 4000 PSI AT 28 DAYS.
 - MINIMUM CEMENTITIOUS MATERIALS CONTENT: 470 LB/CU. YD.
 - SLUMP LIMIT: 4 INCHES PLUS OR MINUS 1 INCH. IF ADMIXTURES ARE USED TO IMPROVE WORKABILITY, THE MAXIMUM SLUMP LIMITS MAY BE RELAXED WITH ENGINEER'S APPROVAL.
 - AIR CONTENT: DO NOT ALLOW AIR CONTENT OF TROWELED FINISHED FLOORS TO EXCEED 3 PERCENT.
 - COARSE AGGREGATE: 1 1/2 INCH NOMINAL MAXIMUM AGGREGATE SIZE.
- SYNTHETIC MICRO-FIBER: UNIFORMLY DISPERSE IN CONCRETE MIXTURE AT MANUFACTURER'S RECOMMENDED RATE, BUT NOT LESS THAN A RATE OF 3 LB/CU. YD.
- EXTERIOR CONCRETE: PROPORTION NORMAL-WEIGHT CONCRETE MIXTURE AS FOLLOWS:
 - MINIMUM COMPRESSIVE STRENGTH: 5000 PSI AT 28 DAYS.
 - MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIO: 0.40
 - SLUMP LIMIT: 4 INCHES PLUS OR MINUS 1 INCH. IF ADMIXTURES ARE USED TO IMPROVE WORKABILITY, THE MAXIMUM SLUMP LIMITS MAY BE RELAXED WITH ENGINEER'S APPROVAL.
 - AIR CONTENT: 6 PERCENT PLUS OR MINUS 1.5 PERCENT, AT POINT OF DELIVERY.
 - COARSE AGGREGATE: 1 1/2-INCH NOMINAL MAXIMUM AGGREGATE SIZE.
- SYNTHETIC MICRO-FIBER: UNIFORMLY DISPERSE IN CONCRETE MIXTURE AT MANUFACTURER'S RECOMMENDED RATE, BUT NOT LESS THAN A RATE OF 3 LB/CU. YD.

WOOD FRAMING NOTES:

- SUBMITTALS:
 - CONTRACTOR SHALL PROVIDE ALL CONNECTION DETAILS FOR REVIEW PRIOR TO CONSTRUCTION. CONTRACTOR SHALL SUBMIT ENGINEERING DATA FOR ALL CONNECTORS AND CONNECTIONS NOT SHOWN ON THE DRAWINGS.
 - SUBMIT DESIGN CALCULATIONS AND SHOP DRAWINGS FOR ALL ENGINEERED TRUSSES AND TRUSS CONNECTORS, PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK, TO THE ENGINEER OF RECORD FOR REVIEW BEFORE CONSTRUCTION.
- WOOD CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL FOREST PRODUCTS ASSOCIATIONS (NFPA) NATIONAL DESIGN SPECIFICATIONS (NDS) AND CHAPTER 23 OF THE BUILDING CODE OF NYS, LATEST EDITION.
- WOOD IN CONTACT WITH MASONRY, CONCRETE OR EARTH, OR WITHIN 1'-0" OF GRADE OR EXPOSED TO THE EXTERIOR SHALL BE PRESURE PRESERVATIVE TREATED.
- FRAMING ANCHORS AND MISCELLANEOUS METAL DEVICES FOR ALL FRAMING SHALL BE GALVANIZED STEEL OF AT LEAST 16 GAGE THICKNESS (90 FOR INTERIOR APPLICATION, G185 OR STAINLESS STEEL FOR EXTERIOR). INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. USE FASTENERS AND FASTENING METHODS RECOMMENDED BY THE MANUFACTURER. EXTERIOR EXPOSED ANCHORS AND ANCHORS IN CONTACT WITH PRESURE TREATED WOOD TO BE STAINLESS OR GALVANIZED (G155).
- BUILT-UP FRAMING MEMBERS SHALL BE FASTENED IN ACCORDANCE WITH NDS STANDARDS UNLESS OTHERWISE NOTED.
- NOTCHES, COPES, AND HOLES IN WOOD MEMBERS ARE NOT PERMITTED UNLESS SPECIFICALLY DETAILED. NOTCHES, COPES, AND HOLES IN PRE-ENGINEERED MEMBERS SHALL BE IN ACCORDANCE AND APPROVED BY THE MANUFACTURER.
- ROOF TRUSSES, INCLUDING DESIGN, FRAMING CONNECTORS, BRACING ERECTION AND QUALITY SHALL CONFORM TO THE SPECIFICATIONS AND RECOMMENDATIONS OF NFPA AND THE TRUSS PLATE INSTITUTE (TPI).
- SHEATHING SHALL BE RATED AS FOLLOWS (CHECK THAT IT MEETS DESIGN LOADS)
 - WALL: APA RATED 24" O.C. EXPOSURE I (7/16" MIN. THICKNESS)
 - ROOF: APA RATED 48/24, EXPOSURE I (5/8" MIN. THICKNESS)
- SHEATHING SHALL BE CONTINUOUS OVER TWO OR MORE SUPPORTS. FLOOR AND ROOF SHEATHING SHALL BE ORIENTED WITH THE STRENGTH AXIS PERPENDICULAR TO THE SUPPORTS. WALL SHEATHING CAN BE ORIENTED PERPENDICULAR OR PARALLEL.
- WALL SHEATHING SHALL HAVE 2X BLOCKING OR FRAMING MEMBERS BEHIND ALL PANEL EDGES.
- UNLESS NOTED OTHERWISE, THE MINIMUM FASTENING FOR SHEATHING SHALL BE AS FOLLOWS:
 - WALL: 8d COMMON NAILS @ 6" O.C. (EDGE) & 12" O.C. (FIELD)
 - ROOF: 10d COMMON NAILS @ 6" O.C. (PANEL EDGES) AND 12" O.C. (FIELD)
 - GWB: #6 - 1 1/4" SCREWS AT 8" (EDGE) AND 12" (FIELD).
- WOOD CONNECTORS: SIMPSON STRONG-TIE CONNECTORS USED AS BASIS OF DESIGN. USP STRUCTURAL CONNECTORS OF EQUAL STRENGTH ARE ACCEPTABLE.
- BOLTS THROUGH WOOD MEMBERS SHALL BE ASTM A307.



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VILLAGE OF WATKINS GLEN

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS

WATKINS GLEN, NY

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: MJH/DJP

REVIEWED BY: MJH

ISSUED FOR: 100% BID SET

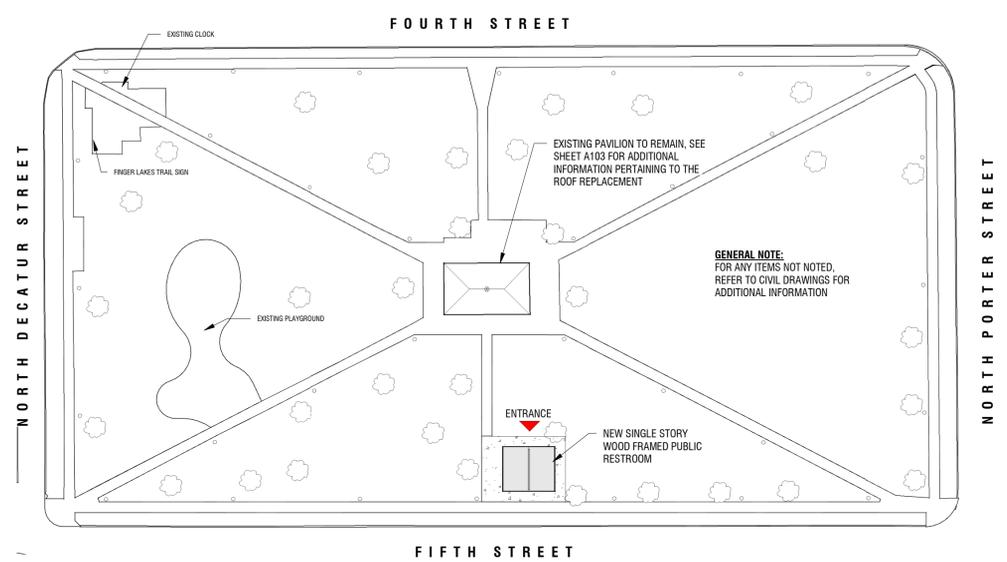
DATE: 9/28/2022

DRAWING NAME:

ARCHITECTURAL SITE PLAN AND FLOOR PLAN

DRAWING NUMBER:

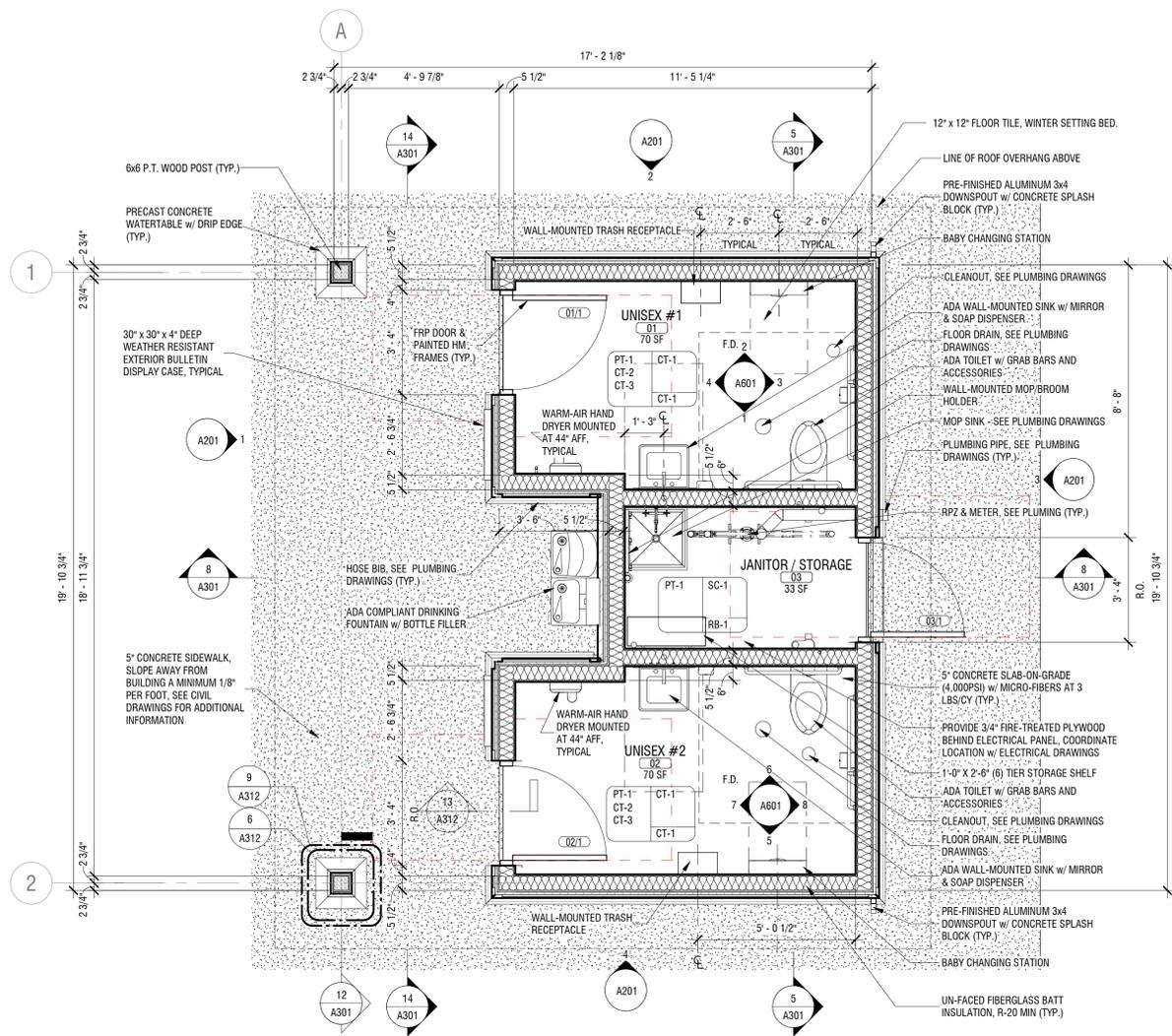
A101



5 ARCHITECTURAL SITE PLAN
SCALE: 1" = 40'-0"



4 PERSPECTIVE SKETCH
SCALE:



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

FINISH PLAN GENERAL NOTES

- REFER TO DIVISION 09 SECTION 09000 COLOR AND FINISH SCHEDULE FOR DETAILED INFORMATION ON FINISHES AND ABBREVIATIONS.
- ALL LOUVERS, VENTS, GRILLES, AND OTHER MISC. MECHANICAL & ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
- ALL FLOOR FINISHES SHALL TRANSITION AT CENTERLINE OF DOOR, UNLESS NOTED OTHERWISE.
- PROVIDE CONTINUOUS VERTICAL CORNER GUARDS FOR AT INTERIOR GYPSUM WALL CORNERS
- SEE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION

FINISH SYMBOLS LEGEND & ABBREVIATIONS

WALL FINISH(ES)	FLOOR FINISH(ES)
CG	CORNER GUARD
CT	CERAMIC/PORCELAIN TILE
EXP	EXPOSED
GWB	GYPSUM WALL BOARD
HPL	HIGH PRESSURE LAMINATE
PT	PAINT
RB	RESILIENT BASE
SC	SEALED CONCRETE
SSR	SOLID SURFACING
ST	STAIN (HARDWOOD)
TS	TRANSITION STRIP
WP	WALL PROTECTION

XXX ACCENT WALL FINISH DESIGNATION

— EXTENTS OF WALL PROTECTION



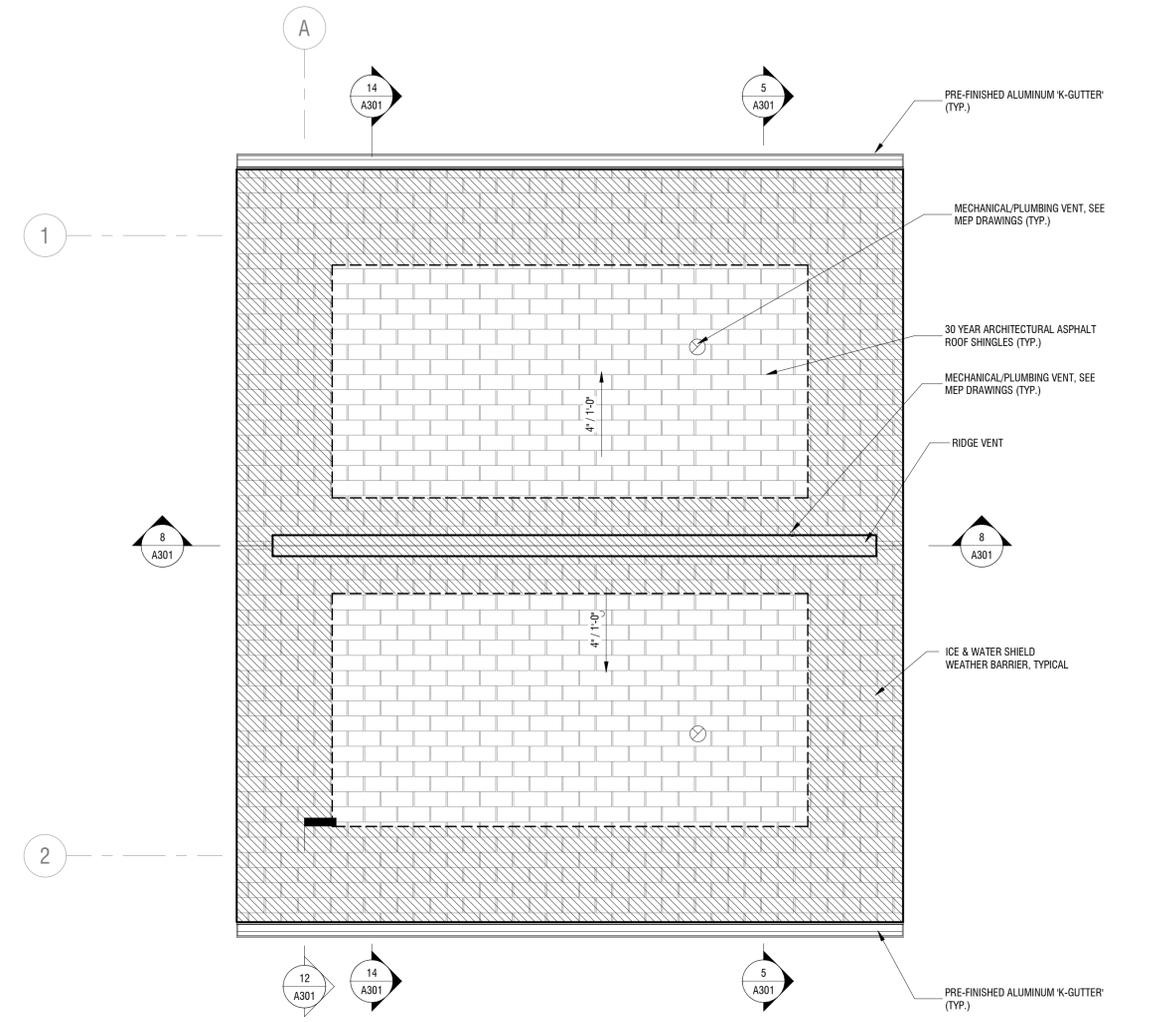
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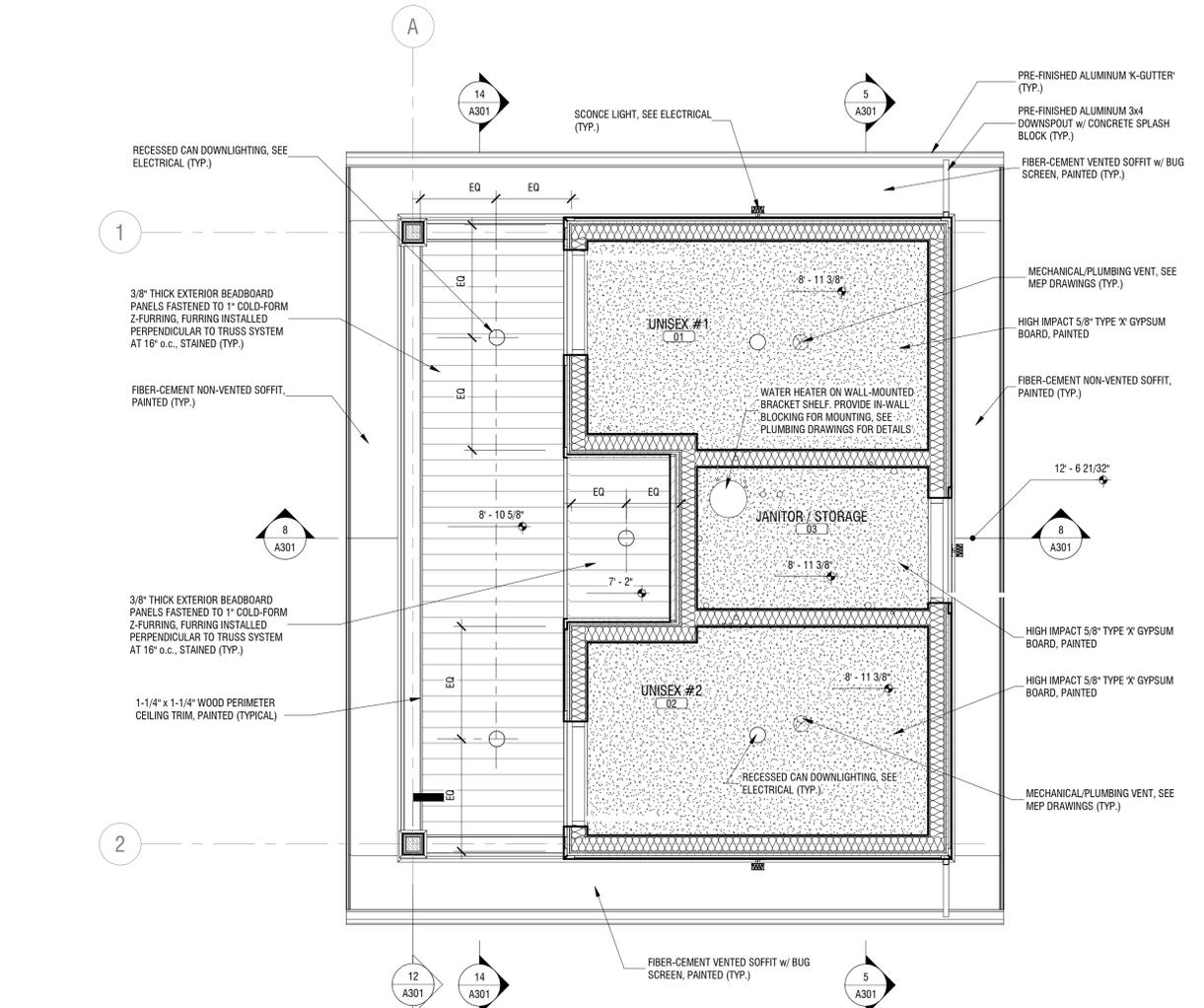
VILLAGE OF WATKINS GLEN

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS
WATKINS GLEN, NY



2 ROOF PLAN
A102 SCALE: 3/8" = 1'-0"



1 REFLECTED CEILING PLAN
A102 SCALE: 3/8" = 1'-0"

GENERAL REFLECTED CEILING PLAN NOTES

- REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ANY ADDITIONAL CEILING AND WALL MOUNTED ITEMS NOT SHOWN. PLUMBING, MECHANICAL, & ELECTRICAL ITEMS ARE SHOWN FOR REFERENCE ONLY - SEE PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND COORDINATION OF CEILING WORK.
- ALL CEILINGS NOT TAGGED ARE TO 9'-0" A.F.F. MINIMUM.
- GYPSUM BOARD CEILINGS, SOFFITS, AND BULKHEADS TO BE PAINTED PT-1, UNLESS NOTED OTHERWISE. ALL VERTICAL & HORIZONTAL SIDES OF SOFFITS & BULKHEADS TO BE PAINTED, TYPICAL.
- COORDINATE AND VERIFY WITH STRUCTURAL AND MEP FOR BAFFLE LOCATIONS
- PROVIDE ACCESS PANELS FOR ACCESS TO CONCEALED SPACES. COORDINATE/CONFIRM FINAL LOCATIONS OF ALL ACCESS PANELS WITH OWNER

CEILING TYPE INDICATIONS

- GYPSUM BOARD - PAINTED (GYP-1)
- GYPSUM BOARD - PAINTED, MOLD-RESISTANT (GYP-2)
- GYPSUM BOARD - PAINTED, EXTERIOR (GYP-4)

ELECTRICAL LEGEND

- LIGHTING - SURFACE MOUNTED (REFER TO ELECTRICAL)
- LIGHTING - SURFACE MOUNTED (REFER TO ELECTRICAL)
- LIGHTING - RECESSED CAN FIXTURE (LETTER DESIGNATION TYPE)
- SMOKE DETECTOR - CEILING MOUNTED (REFER TO FIRE PROTECTION)
- HEAT DETECTOR - CEILING MOUNTED (REFER TO FIRE PROTECTION)
- HVAC SUPPLY (REFER TO MECHANICAL)
- HVAC RETURN (REFER TO MECHANICAL)
- HVAC UNIT (REFER TO MECHANICAL)
- SINGLE FACE EXIT SIGN (REFER TO ELECTRICAL)
- DOUBLE FACE EXIT SIGN (REFER TO ELECTRICAL)
- CEILING FINISH TAG. REFER TO INTERIOR DWGS FOR COLOR AND FINISH LEGEND
- LINEAR DIFFUSER - SEE MECHANICAL DRAWINGS

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: MJH/DJP

REVIEWED BY: MJH

ISSUED FOR: 100% BID SET

DATE: 9/28/2022

DRAWING NAME:

REFLECTED CEILING PLAN & ROOF PLAN

DRAWING NUMBER:

A102



It is a violation of New York Education Law Article 145 Sec.7209, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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**VILLAGE OF WATKINS
GLEN**

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

**WATKINS GLEN DRI: LAFAYETTE
PARK SEASONAL RESTROOMS**
WATKINS GLEN, NY

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: MJH/DJP

REVIEWED BY: MJH

ISSUED FOR: 100% BID SET

DATE: 9/28/2022

DRAWING NAME:

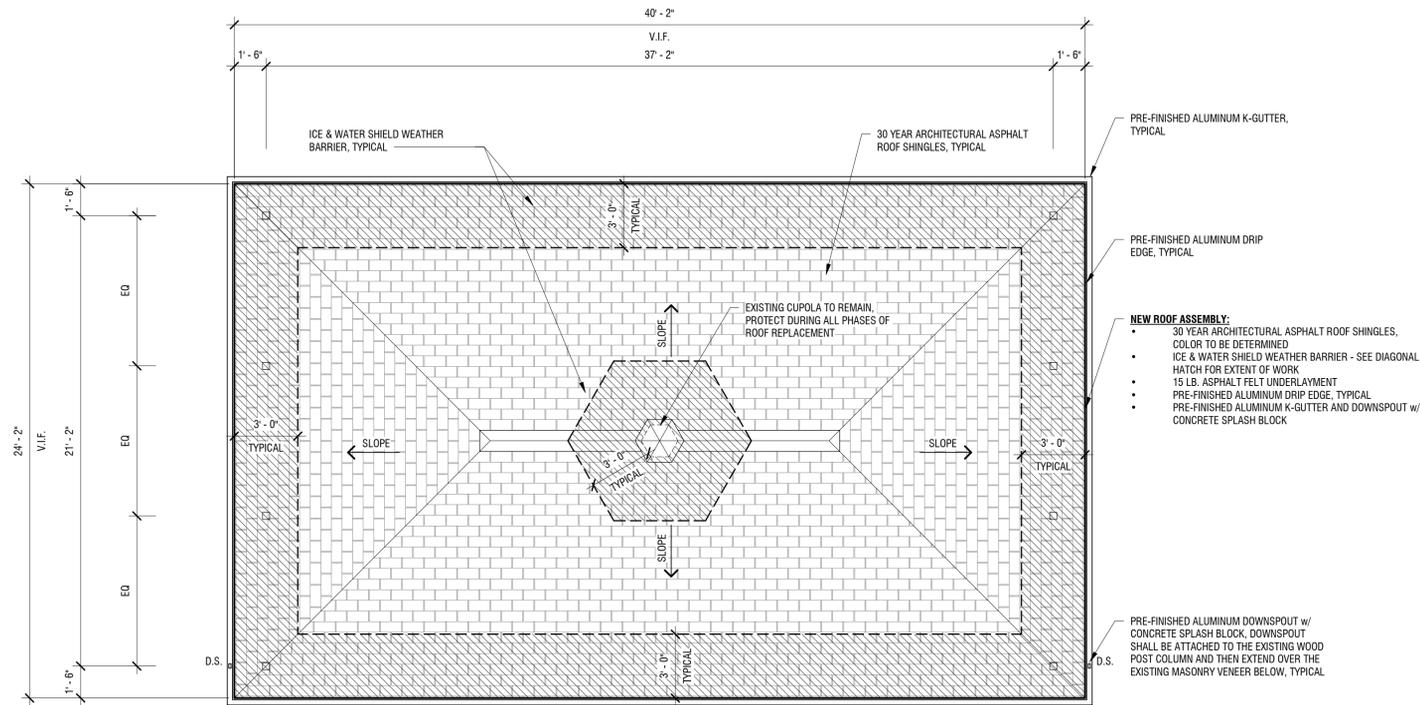
**PAVILION ROOF
REPLACEMENT**

DRAWING NUMBER:

A103



EXISTING PAVILION



GENERAL ROOF NOTES:

1. EXISTING SHINGLE ROOF SYSTEM TO BE COMPLETELY REMOVED EXPOSING THE EXISTING ROOF SHEATING
 - A. EXTENT OF WORK INCLUDES, BUT NOT LIMITED TO, REMOVE EXISTING ASPHALT SHINGLES, EXISTING WEATHER BARRIER BELOW, REMOVAL OF ALL ASSOCIATED SHINGLE ROOF ACCESSORIES INCLUDING FLASHING AND ALUMINUM DRIP EDGE.
2. EXISTING ROOF SHEATING SHALL BE REPAIRED AND OR REPLACED WHERE REQUIRED FOR INSTALLATION OF NEW ROOF SYSTEM.

2 PAVILLION ROOF PLAN
A103 SCALE: 1/4" = 1'-0"





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VILLAGE OF WATKINS GLEN

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

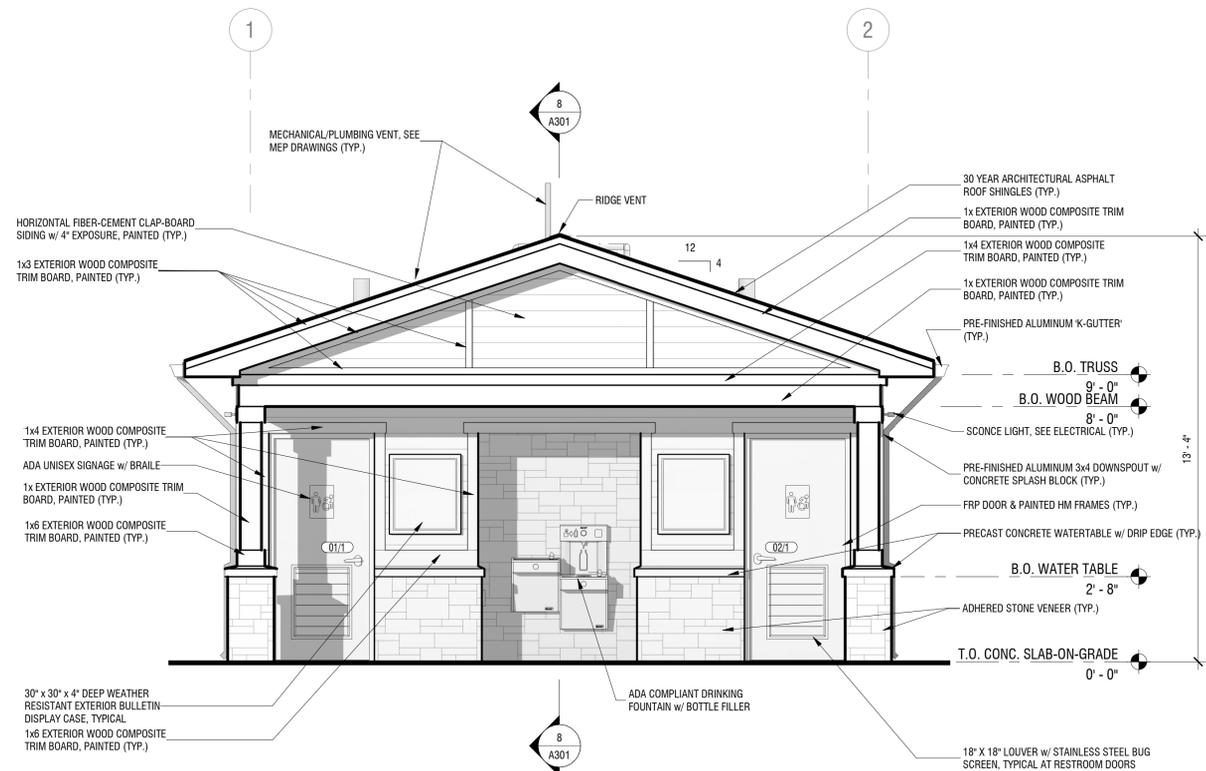
WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS
WATKINS GLEN, NY

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER:		2211806
DRAWN BY:		DJP
REVIEWED BY:		MJH
ISSUED FOR:		100% BID SET
DATE:		9/28/2022
DRAWING NAME:		

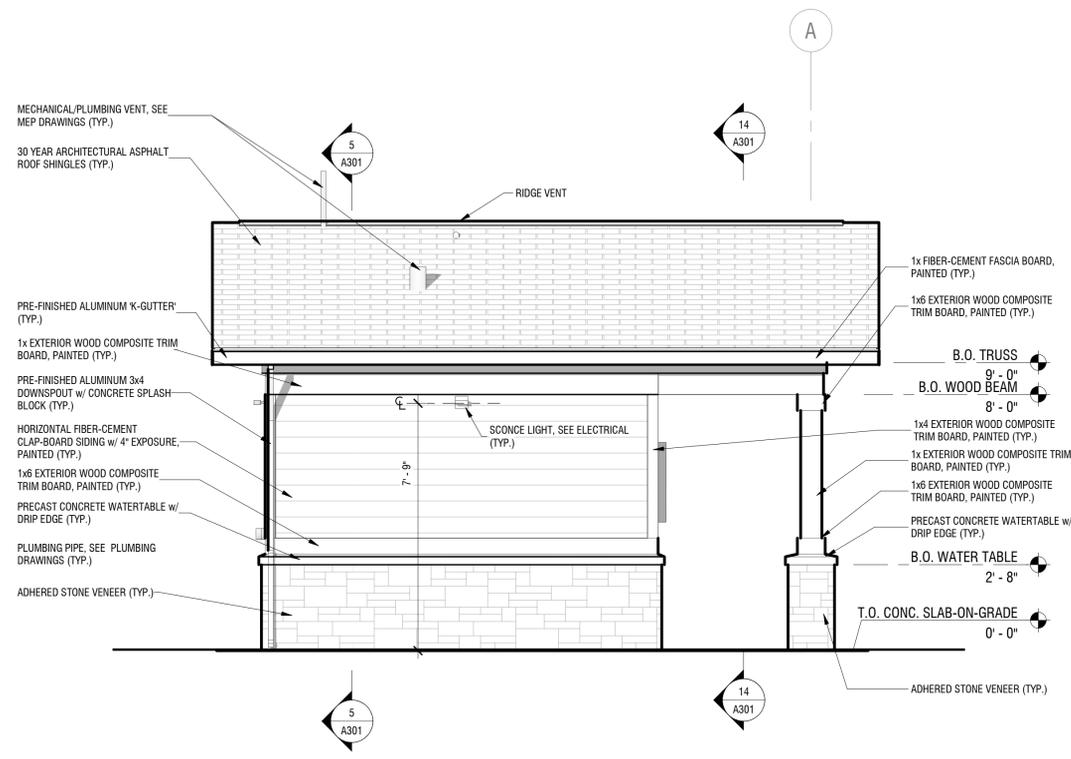
EXTERIOR ELEVATIONS

DRAWING NUMBER:

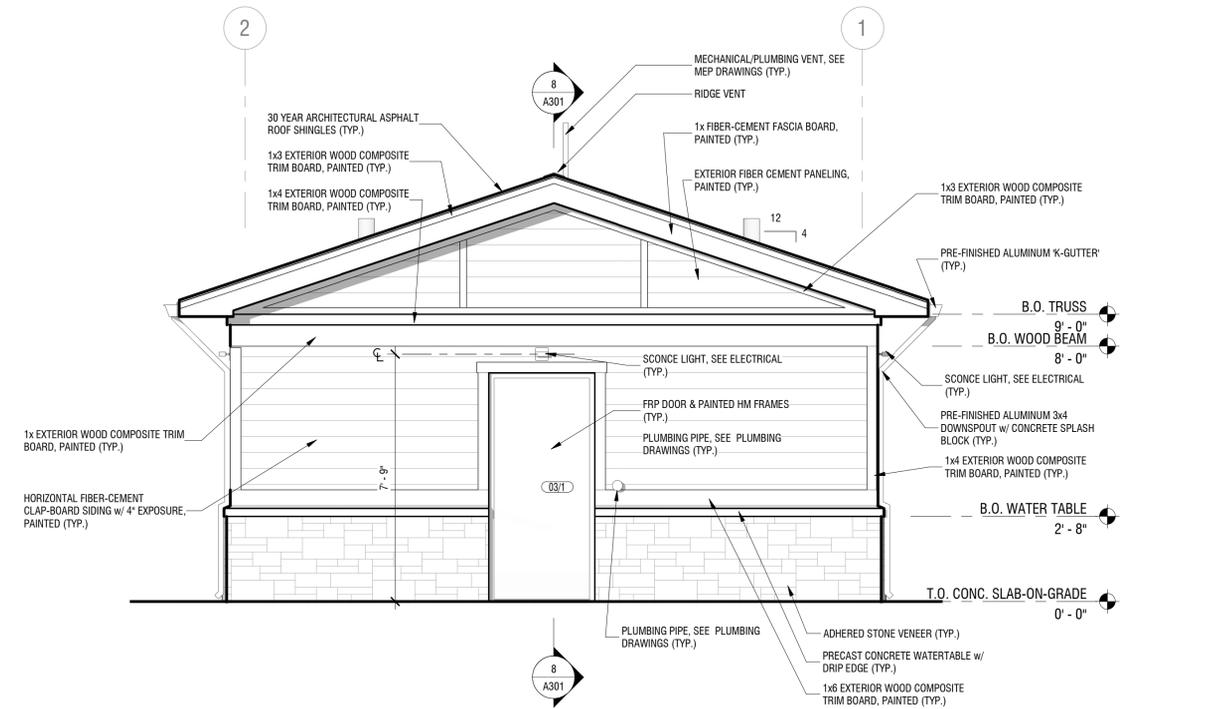
A201



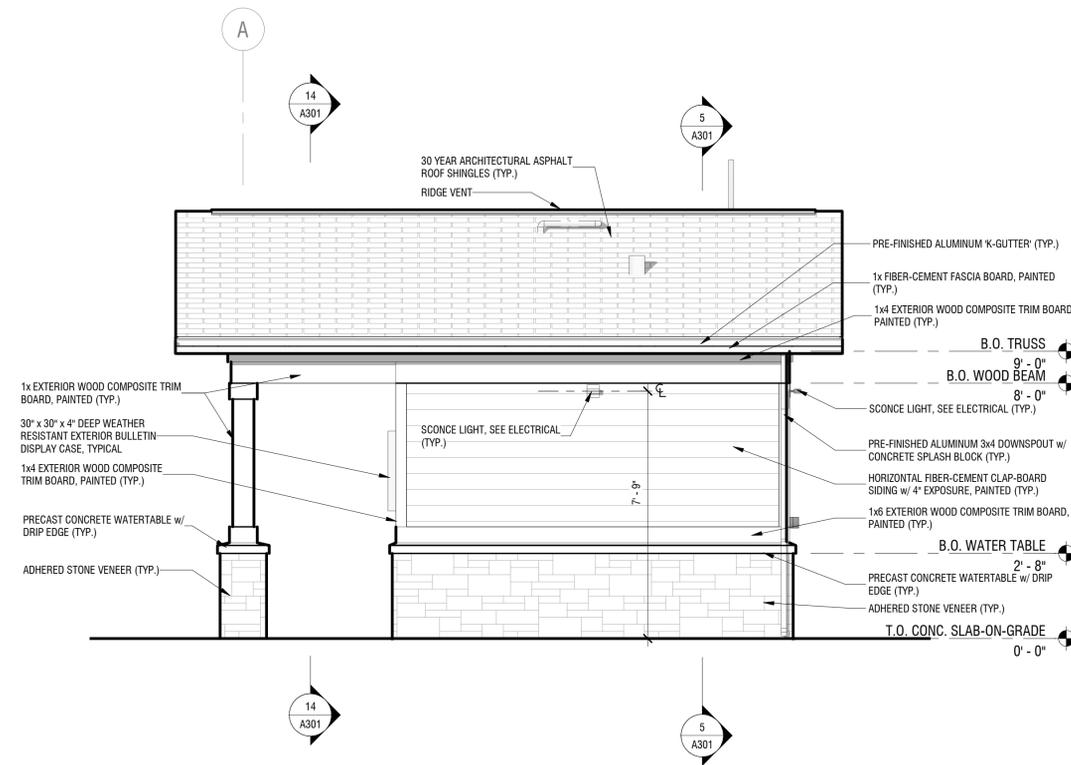
1 NORTH ELEVATION
SCALE: 3/8" = 1'-0"



2 EAST ELEVATION
SCALE: 3/8" = 1'-0"



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



4 WEST ELEVATION
SCALE: 3/8" = 1'-0"



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VILLAGE OF WATKINS GLEN

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WATKINS GLEN, NY 14891

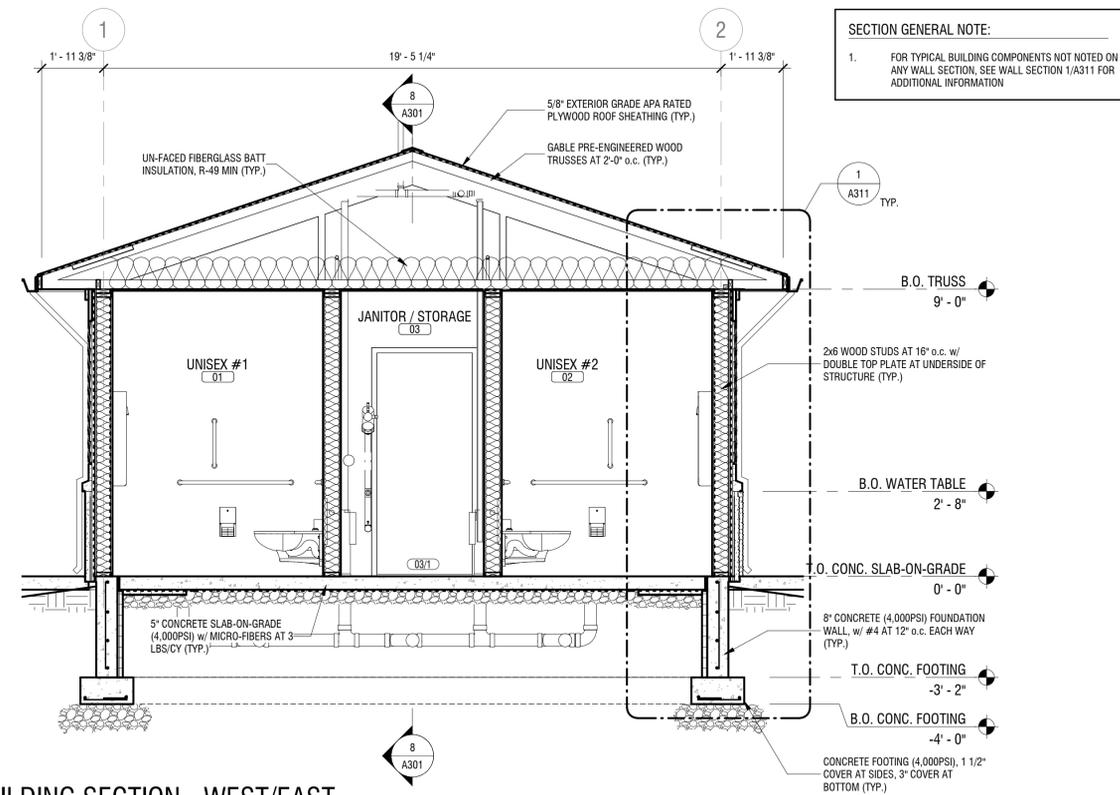
WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS
WATKINS GLEN, NY

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER:		2211806
DRAWN BY:		MJH/DJP
REVIEWED BY:		MJH
ISSUED FOR:		100% BID SET
DATE:		9/28/2022
DRAWING NUMBER:		

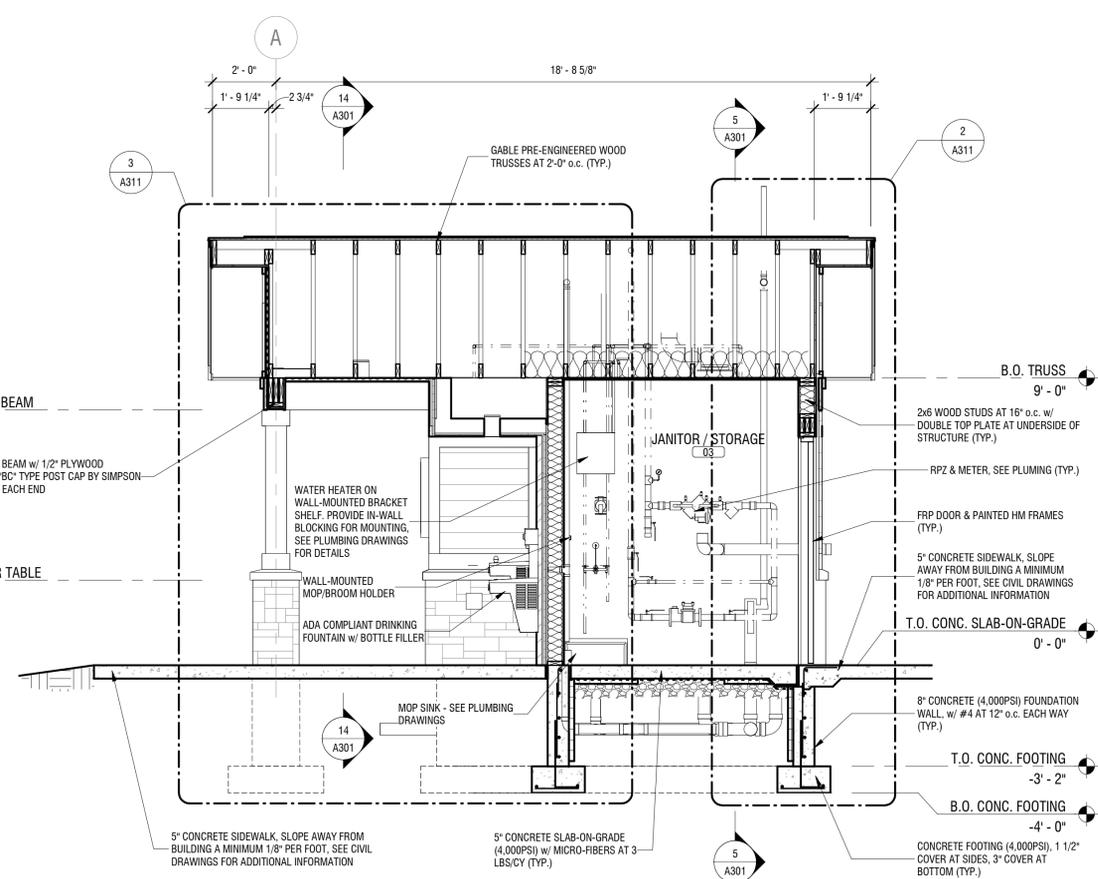
BUILDING SECTIONS & WALL SECTIONS

DRAWING NUMBER:

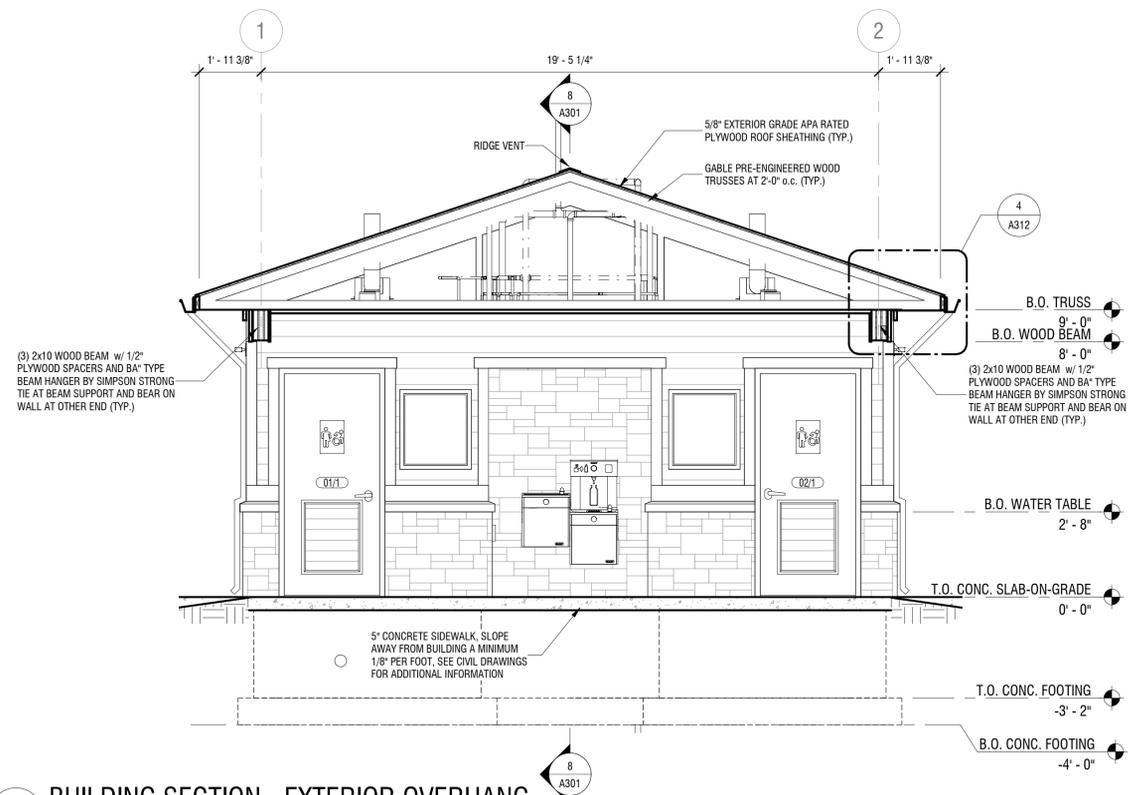
A301



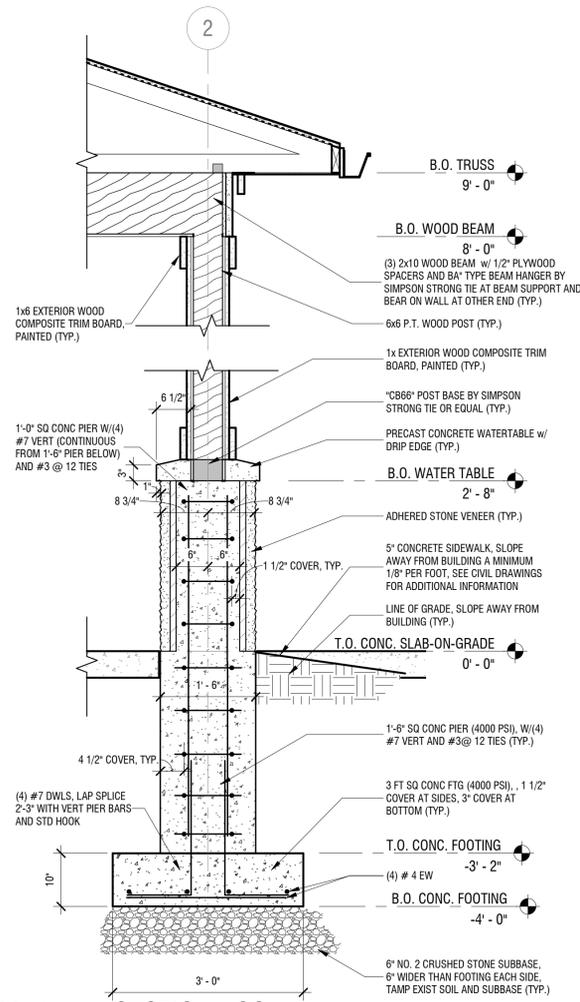
5 BUILDING SECTION - WEST/EAST
A301 SCALE: 3/8" = 1'-0"



8 BUILDING SECTION N/S - EXTERIOR ALCOVE
A301 SCALE: 3/8" = 1'-0"



14 BUILDING SECTION - EXTERIOR OVERHANG
A301 SCALE: 3/8" = 1'-0"



12 WALL SECTION - COLUMN
A301 SCALE: 3/4" = 1'-0"



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VILLAGE OF WATKINS GLEN

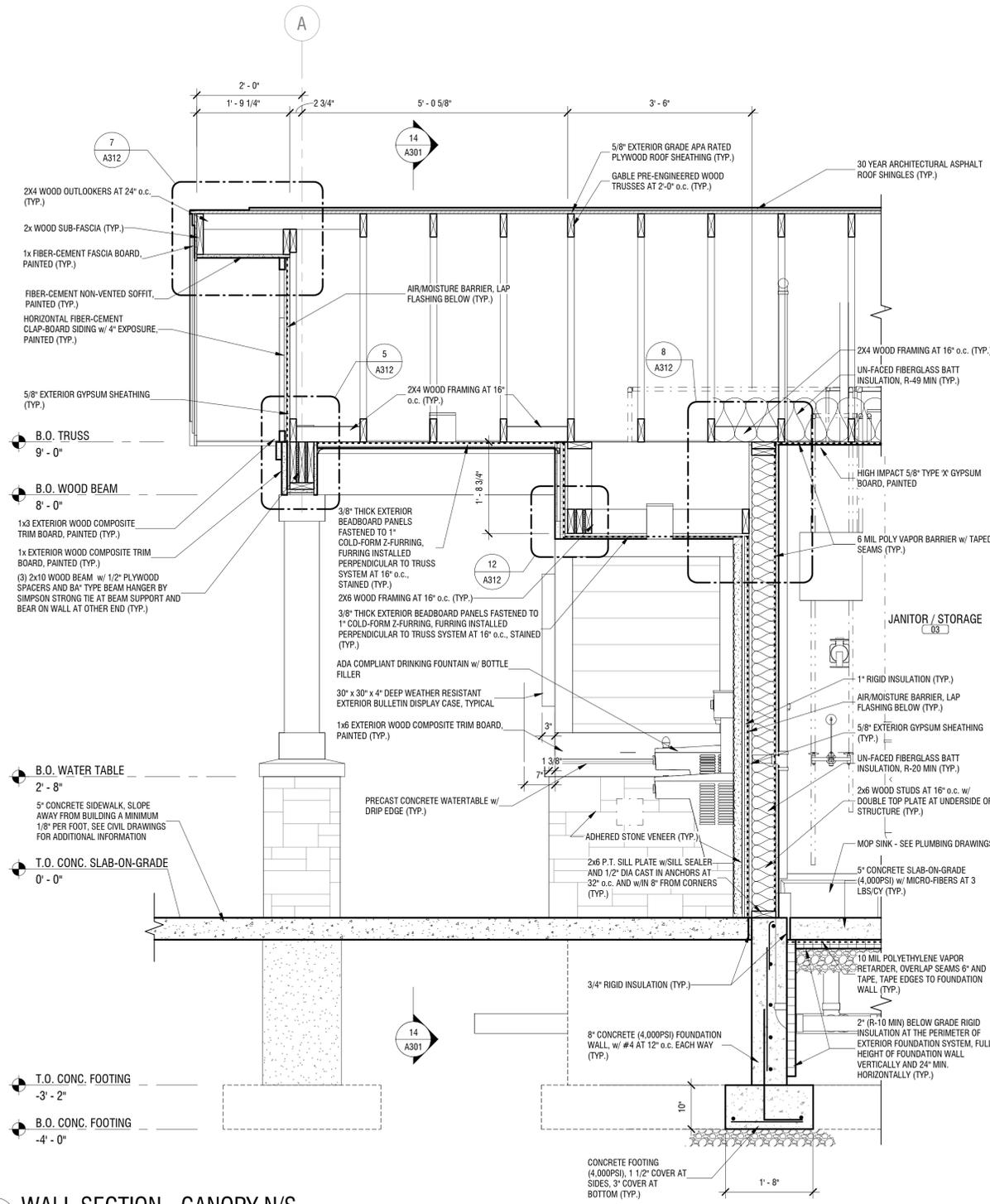
303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS

WATKINS GLEN, NY

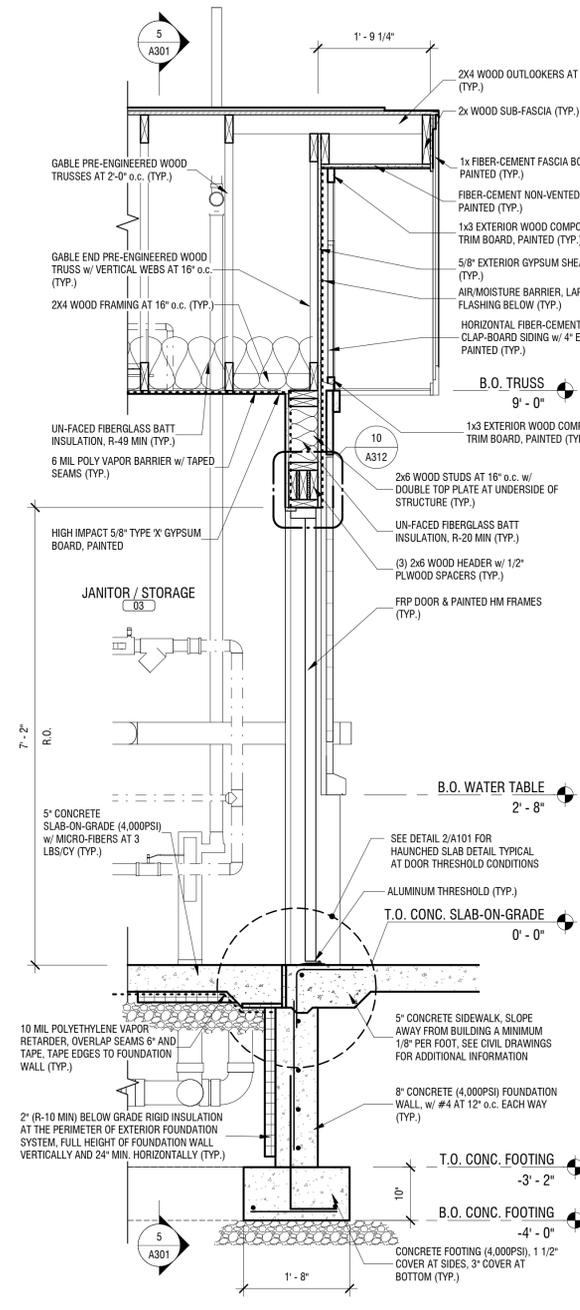
SECTION GENERAL NOTE:

- FOR TYPICAL BUILDING COMPONENTS NOT NOTED ON ANY WALL SECTION, SEE WALL SECTION 1/A311 FOR ADDITIONAL INFORMATION

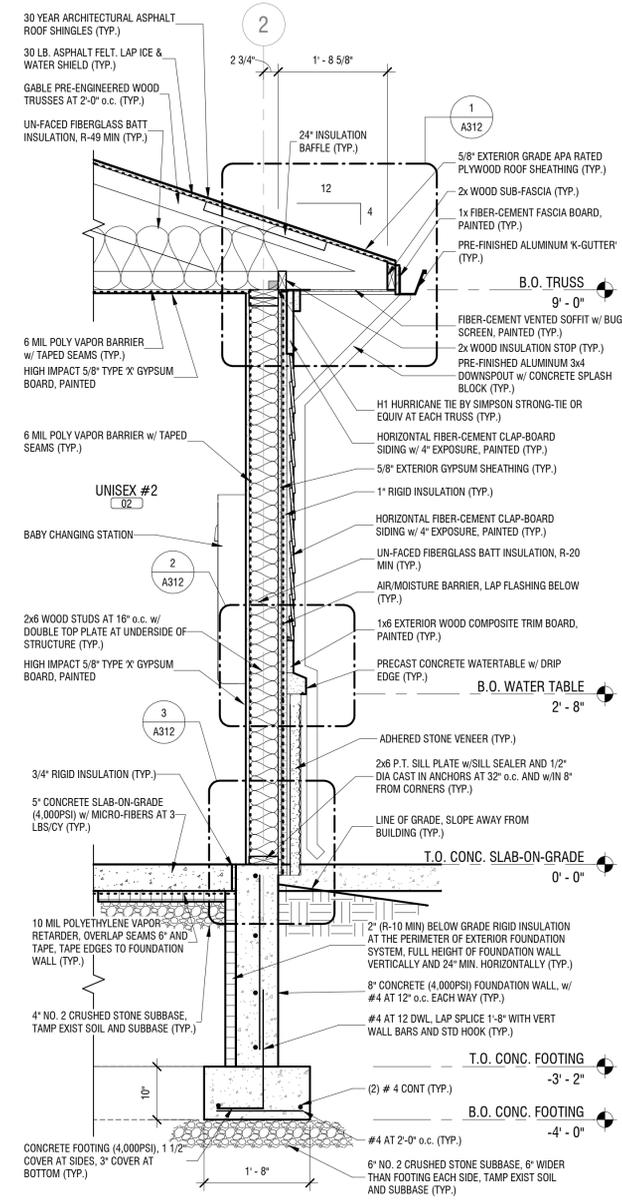


3 WALL SECTION - CANOPY N/S
SCALE: 3/4" = 1'-0"

11/10/2022 10:45:42 AM



2 WALL SECTION - JAN./STOR. ROOM
SCALE: 3/4" = 1'-0"



1 WALL SECTION - UNISEX #2
SCALE: 3/4" = 1'-0"

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: DJP

REVIEWED BY: MJH

ISSUED FOR: 100% BID SET

DATE: 9/28/2022

DRAWING NAME:

WALL SECTIONS

DRAWING NUMBER:



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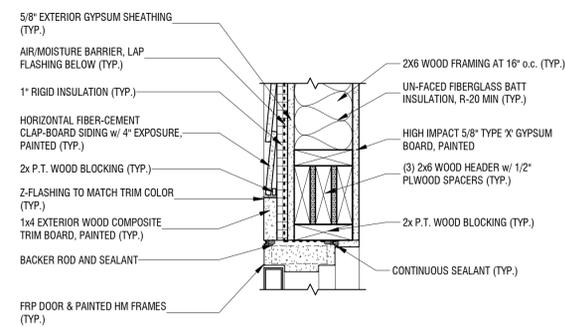
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VILLAGE OF WATKINS GLEN

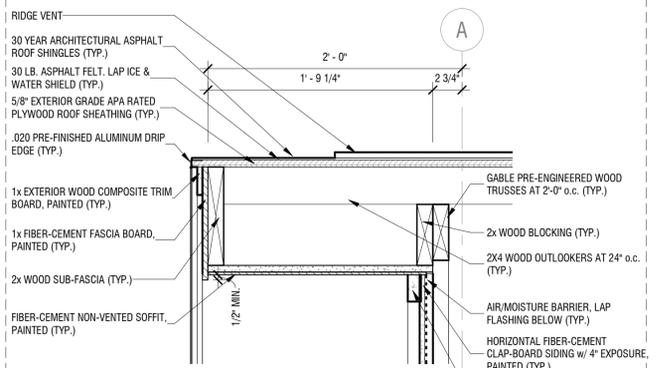
303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS

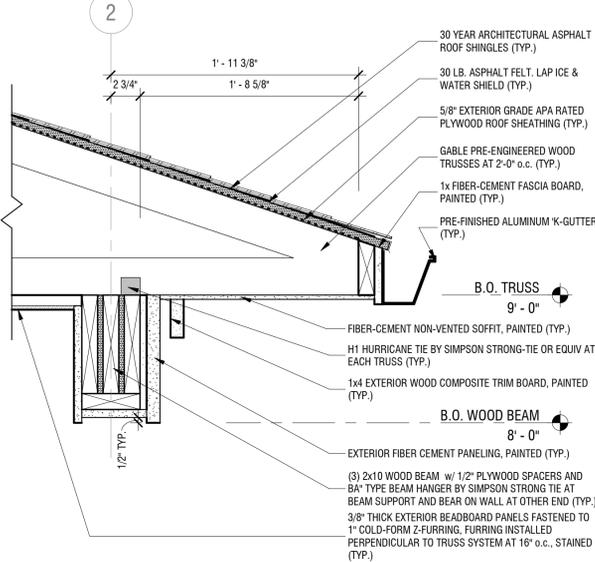
WATKINS GLEN, NY



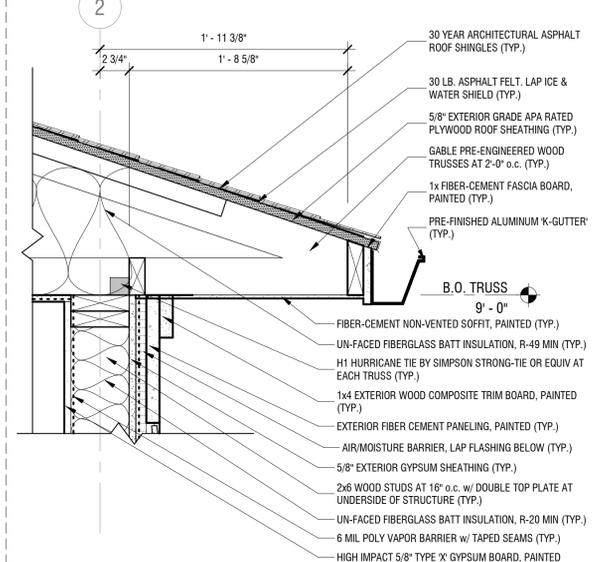
10 DOOR HEAD DETAIL
A312 SCALE: 1 1/2" = 1'-0"



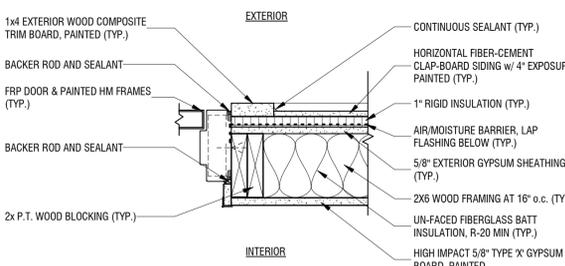
7 SECTION DETAIL - RIDGE
A312 SCALE: 1 1/2" = 1'-0"



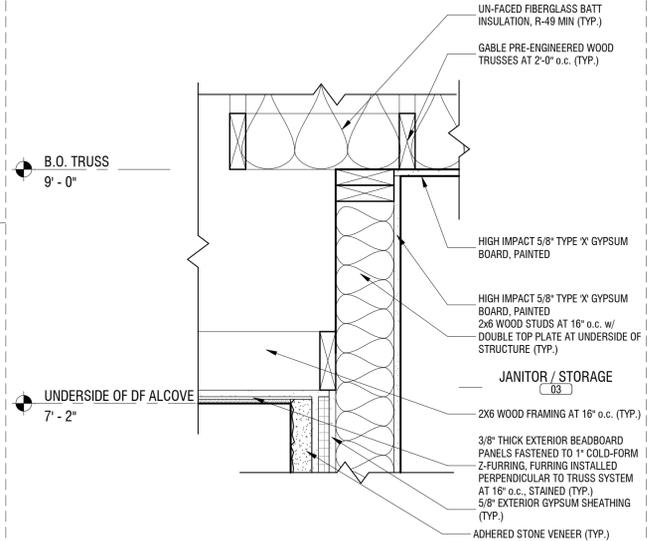
4 ROOF EAVE #2
A312 SCALE: 1 1/2" = 1'-0"



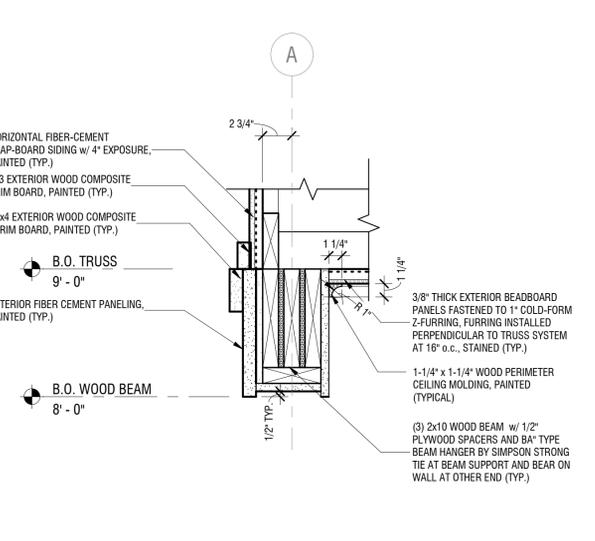
1 SECTION DETAIL - ROOF EAVE #1
A312 SCALE: 1 1/2" = 1'-0"



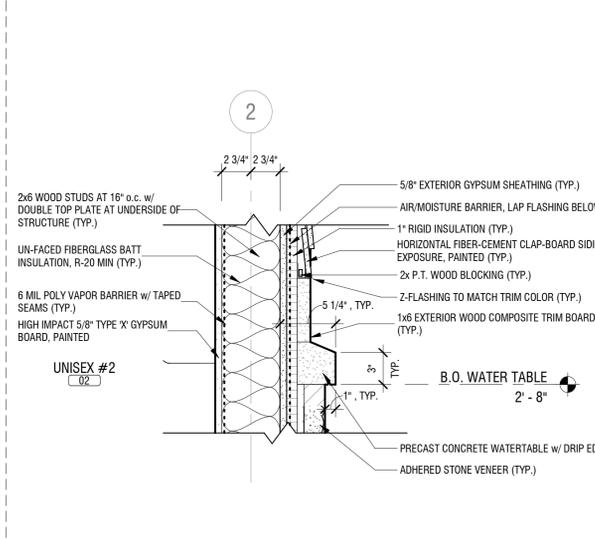
11 DOOR JAMB DETAIL
A312 SCALE: 1 1/2" = 1'-0"



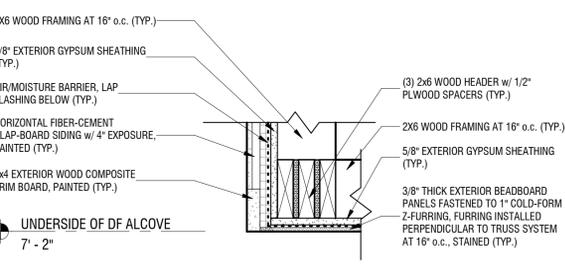
8 SECTION DETAIL - SOFFIT #2
A312 SCALE: 1 1/2" = 1'-0"



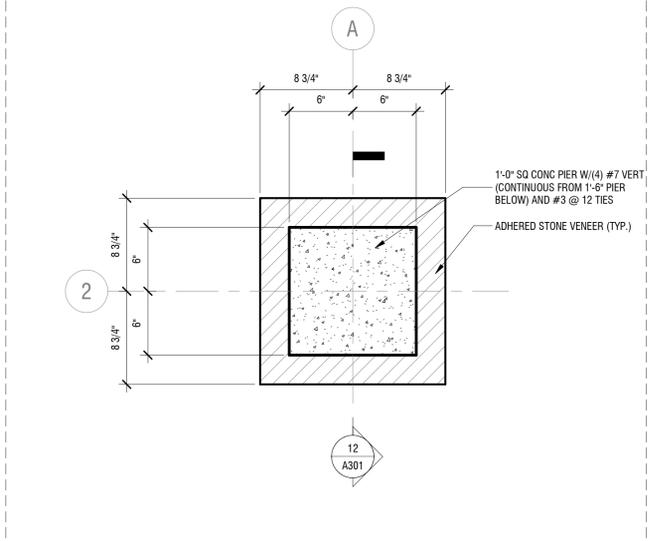
5 SECTION DETAIL - BEAM
A312 SCALE: 1 1/2" = 1'-0"



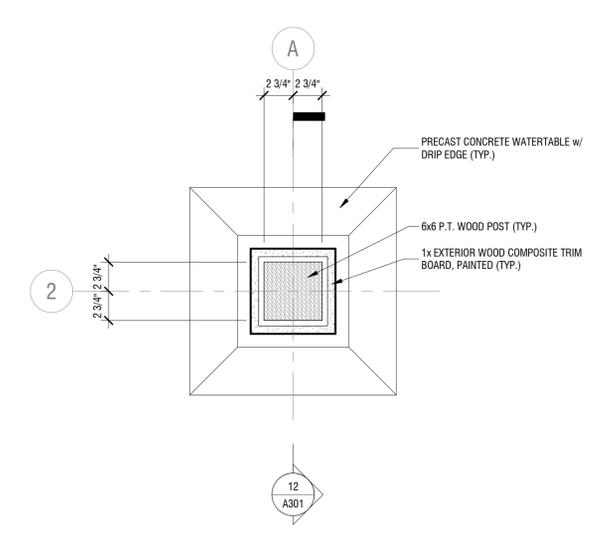
2 SECTION DETAIL - WATER TABLE
A312 SCALE: 1 1/2" = 1'-0"



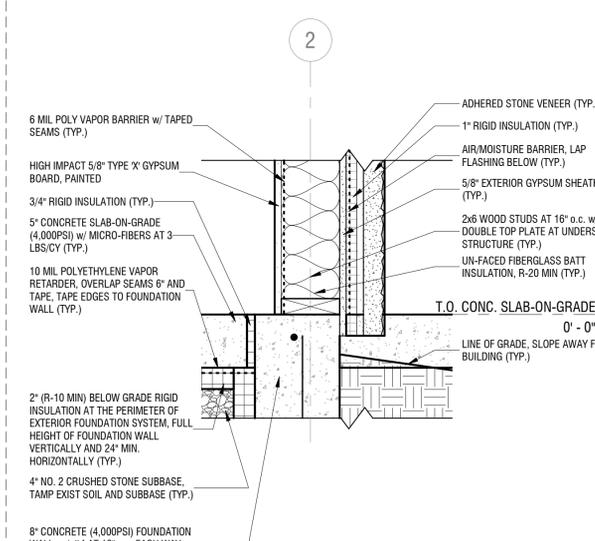
12 SECTION DETAIL - SOFFIT #1
A312 SCALE: 1 1/2" = 1'-0"



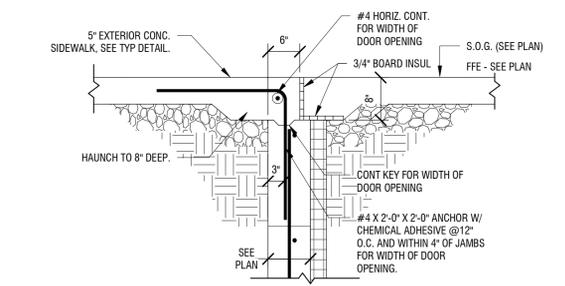
9 PLAN DETAIL - CONCRETE PIER
A312 SCALE: 1 1/2" = 1'-0"



6 PLAN DETAIL - WOOD POST
A312 SCALE: 1 1/2" = 1'-0"



3 SECTION DETAIL - BASE
A312 SCALE: 1 1/2" = 1'-0"



13 TYPICAL THRESHOLD DETAIL
A312 SCALE: 3/4" = 1'-0"

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: DJP

REVIEWED BY: MJH

ISSUED FOR: 100% BID SET

DATE: 9/28/2022

DRAWING NAME:

DETAILS

DRAWING NUMBER:



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VILLAGE OF WATKINS GLEN

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS
WATKINS GLEN, NY

DOOR SCHEDULE												
NO.	TYPE	WIDTH	HEIGHT	DOOR			FRAME			COMMENTS	NO.	
				THICKNESS	UNDERCUT	MATERIAL	FINISH	TYPE	MATERIAL			FINISH
01/1	F-1	3'-0"	7'-0"	2"	3/4"	FRP	FF	201	HM	PT	KICKPLATE	01/1
02/1	F-1	3'-0"	7'-0"	2"	3/4"	FRP	FF	201	HM	PT	KICKPLATE	02/1
03/1	F-2	3'-0"	7'-0"	2"	3/4"	FRP	FF	201	HM	PT		03/1

DOOR HARDWARE

RESTROOM DOORS (HW SET #01)

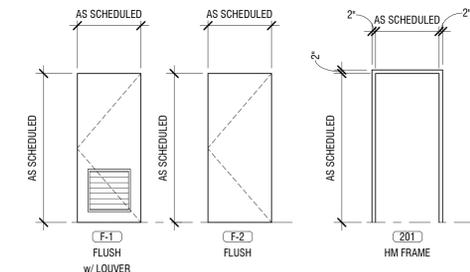
HARDWARE	QTY	NOTES
HINGES	1SET	STAINLESS, NON-REMOVABLE PINS
LOCKSET	1	PUSH SIDE: LOCKABLE w/ KEY; PULL SIDE: FREE EGRESS AT ALL TIMES, CANNOT LOCK PUSH SIDE. STANDARD ADA TRIM
CLOSER	1	PULL SIDE MOUNTED
KICK PLATE	1	STAINLESS w/ EXTERIOR RATED FASTENERS
GASKETING	1SET	WEATHER SEALS
DOOR BOTTOM	1	BRUSH BOTTOM, EXTERIOR RATED
WALL BUMPER	1	HALF-DOME, MOUNTED AT HANDLE HEIGHT

NOTE:

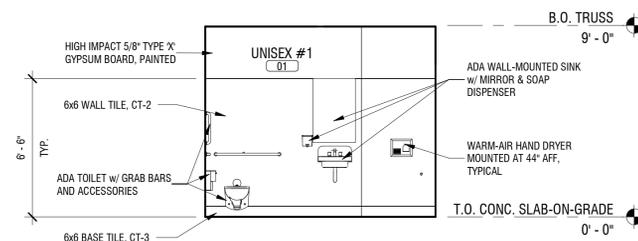
SEE JAMB & HEAD DETAILS ON SHEET A312

JANITOR CLOSET DOOR (HW SET #01)

HARDWARE	QTY	NOTES
HINGES	1SET	STAINLESS, NON-REMOVABLE PINS
LOCKSET	1	PUSH SIDE: LOCKABLE w/ KEY; PULL SIDE: FREE EGRESS AT ALL TIMES, CANNOT LOCK PUSH SIDE. STANDARD ADA TRIM
CLOSER	1	PUSH SIDE MOUNTED w/ HOLD OPEN FUNCTION
GASKETING	1SET	WEATHER SEALS
DOOR BOTTOM	1	BRUSH BOTTOM, EXTERIOR RATED

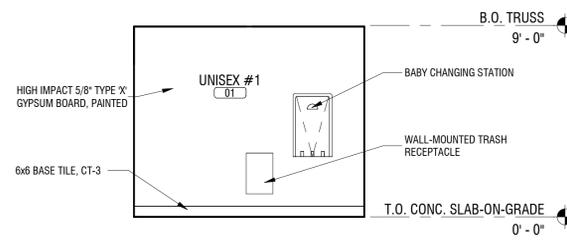


DOOR & FRAME TYPES



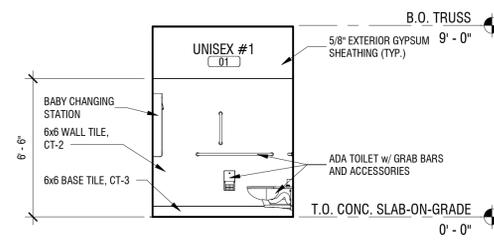
1 UNISEX 01 - SOUTH

A601 SCALE: 1/4" = 1'-0"



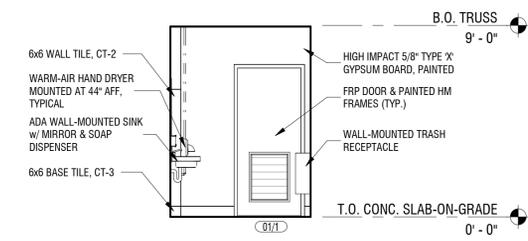
2 UNISEX 01 - NORTH

A601 SCALE: 1/4" = 1'-0"



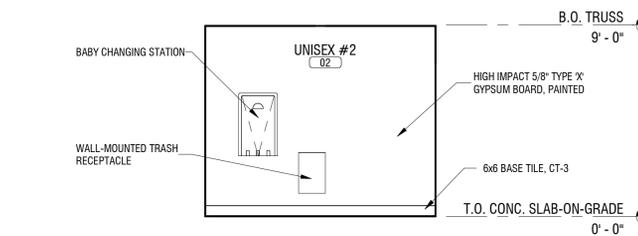
3 UNISEX 01 - EAST

A601 SCALE: 1/4" = 1'-0"



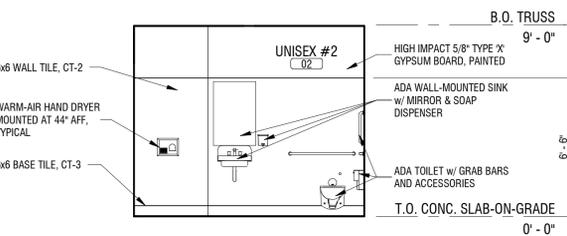
4 UNISEX 01 - WEST

A601 SCALE: 1/4" = 1'-0"



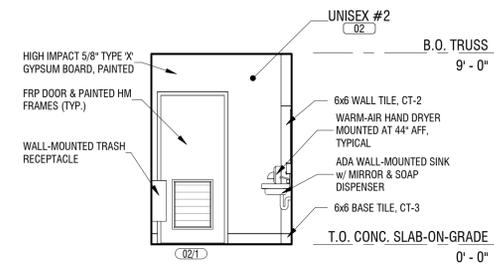
5 UNISEX 02 - SOUTH

A601 SCALE: 1/4" = 1'-0"



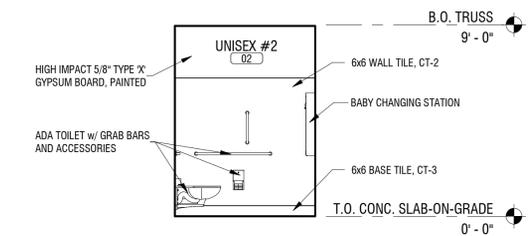
6 UNISEX 02 - NORTH

A601 SCALE: 1/4" = 1'-0"



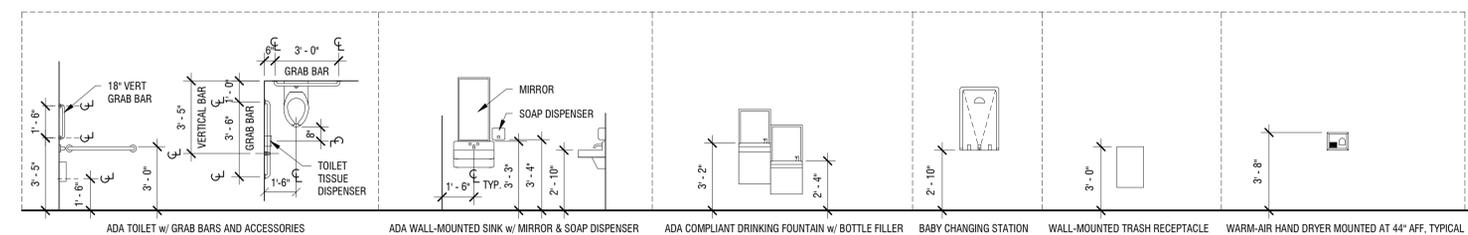
7 UNISEX 02 - WEST

A601 SCALE: 1/4" = 1'-0"



8 UNISEX 02 - EAST

A601 SCALE: 1/4" = 1'-0"



WASHROOM FIXTURES/ACCESSORIES - TYPICAL MOUNTING HEIGHTS

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: MJH/DJP

REVIEWED BY: MJH

ISSUED FOR: 100% BID SET

DATE: 9/28/2022

DRAWING NAME:

DOOR SCHEDULE AND INTERIOR ELEVATIONS

DRAWING NUMBER:

A601

GENERAL NOTES

PLUMBING GENERAL NOTES:

- PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES.
- PROVIDE ALL REQUIRED EXCAVATION, BACKFILL AND COMPACTION FOR ALL UNDERGROUND WORK.
- PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH OWNER AND GENERAL CONTRACTOR AND ALL TRADES.
- PROVIDE SCHEDULE 40 BLACK STEEL PIPE SLEEVES FOR ALL UNDERGROUND PIPING PASSING THROUGH OR UNDER FOOTINGS, WALLS, FOUNDATION WALLS, SLABS FLOORS AND/OR UNDERGROUND STRUCTURES. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- PITCH ALL SANITARY, WASTE, AND STORM PIPING AS FOLLOWS: PIPING SMALLER THAN 3", PITCH AT 2 PERCENT (1/4" PER FOOT) MINIMUM. 3" AND LARGER, PITCH AT 1 PERCENT (1/8" PER FOOT) MINIMUM.
- CONNECT TO SITE PIPING OUTSIDE BUILDING AS SHOWN. PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND CONNECTIONS. FIELD VERIFY EXACT LOCATION, DEPTH AND COMPOSITION OF SITE SERVICES AND COORDINATE ALL WORK WITH SITE CONTRACTOR.
- REFER TO ARCHITECTURAL DRAWINGS AND THE PROJECT SPECIFICATIONS FOR ANY PROJECT PHASING REQUIREMENTS.
- THE PIPING INDICATED ON THESE PLANS ARE DIAGRAMATIC. ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING AND SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, TEES, ELBOWS, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.
- THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, INSPECTIONS, ETC.
- CONTRACTOR SHALL COORDINATE AND PROVIDE ALL NECESSARY PIPING & PLUMBING FITTINGS, PIPING, MISCELLANEOUS ITEMS REQUIRED FOR A COMPLETE INSTALLATION OF ALL PLUMBING RELATED ITEMS.
- ALL PLUMBING & PIPING SYSTEMS SHALL BE SUPPORTED AS REQUIRED BY THE STATE AND LOCAL CODE REQUIREMENTS AND PER MANUFACTURERS' RECOMMENDATIONS.
- ALL PIPING PENETRATIONS THROUGH WALL, OR FLOOR SHALL BE SEALED TO EQUAL THE RATING OF THE NEW, EXISTING WALL OR FLOOR.
- THE PLUMBING SYSTEM SHALL BE TESTED AS REQUIRED BY STATE AND LOCAL CODE OR BY THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTOR.
- THE ENTIRE DOMESTIC WATER SYSTEM (EXISTING/NEW) SHALL BE DISINFECTED IN ACCORDANCE TO THE LOCAL CODE & HEALTH DEPARTMENT REQUIREMENTS.
- THE BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED PER STATE AND LOCAL CODE & PER AUTHORITY HAVING JURISDICTION REQUIREMENTS. PROVIDE INITIAL TEST AND SUBMIT DOH FORMS.
- ENTIRE DOMESTIC WATER PIPING SYSTEM SHALL BE INSTALLED WITH SLOPE BACK TO DRAIN VALVES AT LOW POINTS FOR SYSTEM DRAINING TO WINTERIZE.
- CONTRACTOR SHALL INSULATE ALL PLUMBING PIPING PER SPECIFICATION.
- CONTRACTOR TO PROVIDE WINTERIZATION INSTRUCTIONS FROM THE MANUFACTURER TO OWNER FOR ALL EQUIPMENT AND FIXTURES PROVIDED. CONTRACTOR TO DEMONSTRATE PROCEDURES TO OWNER DURING OWNER TRAINING.

MECHANICAL GENERAL NOTES:

- COORDINATE HVAC INSTALLATION WITH STRUCTURE, CEILING, LIGHTING, CONDUIT, HEATING AND DOMESTIC PIPING, STORM AND SANITARY DRAIN PIPING (ALL TRADES). PREPARE AND SUBMIT FULL COORDINATION DRAWINGS FOR APPROVAL BY ENGINEER PRIOR TO ORDERING MATERIALS AND/OR BEGINNING CONSTRUCTION.
- INSULATE OR LINE DUCTWORK AS SPECIFIED IN THE MECHANICAL INSULATION AND METAL DUCTS SPECIFICATIONS OR NOTED ON DRAWINGS. NOTE THAT DUCT SIZES SHOWN ON DRAWINGS ARE INSIDE NET CLEAR DIMENSIONS.
- ALL SUPPORT OF EQUIPMENT, DUCTWORK AND ASSOCIATED DISTRIBUTION SERVICES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE. THE DISCIPLINE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE STRUCTURAL STEEL WHERE REQUIRED IN ORDER TO SUPPORT EQUIPMENT, DUCTWORK AND ASSOCIATED DISTRIBUTION SERVICES WHERE THE BUILDING STRUCTURE SPACING IS TOO GREAT TO ALLOW DIRECT SUPPORT. THE DISCIPLINE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMATION OF ALL SUPPORTS AND SHALL OBTAIN THE PROFESSIONAL SERVICE OF A STRUCTURAL ENGINEER LICENSED IN THE STATE OF NEW YORK AND FURNISH SEALED DRAWINGS AND DETAILS ILLUSTRATING SUCH SUPPORTS AND COMPLIANCE METHODS.
- THE ABOVE GENERAL NOTES APPLY TO ALL HVAC CONSTRUCTION DOCUMENT DRAWINGS.

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

DRAWING SYMBOLS

	SANITARY DRAIN		BALL VALVE
	SANITARY WASTE		SHUT OFF VALVE (GATE, BALL, OR BUTTERFLY - REFER TO SPECS)
	VENT		CHECK VALVE
	DOMESTIC COLD WATER		BALANCE VALVE
	DOMESTIC HOT WATER SUPPLY		ANGLE VALVE
	DOMESTIC HOT WATER RECIRC		PRESSURE REDUCING VALVE
	BRANCH OFF TOP OF PIPE		RELIEF VALVE
	BRANCH OFF BOTTOM OF PIPE		STRAINER
	PIPE TURNED UP		WATER HAMMER ARRESTOR
	PIPE TURNED DOWN		UNION
	REDUCER		PRESSURE GAUGE
	PIPE BREAK		PUMP
	DETAIL NUMBER		SECTION CALLOUT
	KEY NOTE		
	DUCT UP		

ABBREVIATIONS

CFM	CUBIC FEET PER MINUTE
CPCB	CHROME PLATED CAST BRASS
DCW	DOMESTIC COLD WATER
DHR	DOMESTIC HOT RECIRCULATION
DHW	DOMESTIC HOT WATER
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
EWG	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLA	FULL LOAD AMPERAGE
GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HZ	HERTZ
LAV	LAVATORY
MAX	MAXIMUM
MSB	MOP SERVICE BASIN
PH	PHASE
PSIG	POUNDS PER SQUARE INCH (GAUGE)
RCP	RECIRCULATION PUMP
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAN	SANITARY
T/W	TEMPERED MIXING VALVE
TYP	TYPICAL
V	VENT
VTR	VENT THRU ROOF
W	WASTEWATER
WC	WATER CLOSET
WH	WATER HEATER

APPLICABLE CODES

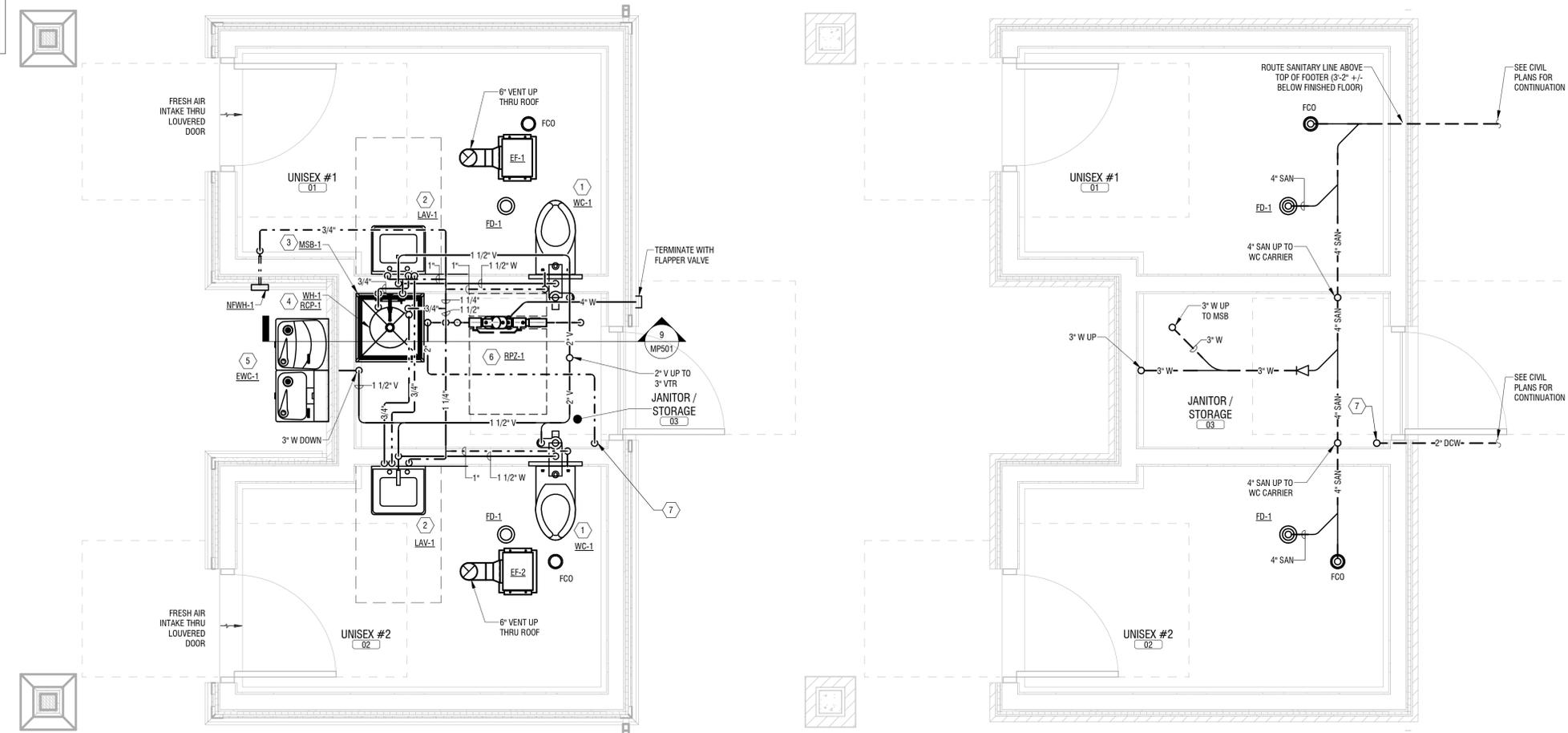
- BUILDING CODE OF NEW YORK STATE
- MECHANICAL CODE OF NEW YORK STATE
- FIRE CODE OF NEW YORK STATE
- PLUMBING CODE OF NEW YORK STATE
- ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- ACCESSIBLE AND USABLE BUILDING AND FACILITIES-CARBONNS A17.1
- NATIONAL ELECTRIC CODE
- NFPA 13: STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

KEY NOTES:

- PROVIDE WC-1, CARRIER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 4" SAN DOWN THRU SLAB. PROVIDE 2" VENT UP FROM CARRIER. PROVIDE 1" DCW DOWN TO FIXTURE FROM ABOVE.
- PROVIDE LAV-1, CARRIER, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 1-1/2" W FROM FIXTURE TO SIDE INLET OF ADJACENT WATER CLOSET CARRIER. PROVIDE 1-1/2" V UP FROM WASTE. PROVIDE 1/2" DCW, DHW, AND DHR FROM ABOVE PER DETAIL ON MP501.
- PROVIDE MSB-1 AND ALL ASSOCIATED ACCESSORIES. PROVIDE 3" W TO FIXTURE WITH P-TRAP. PROVIDE 3/4" DCW AND DHW TO FIXTURE FROM ABOVE.
- PROVIDE WH-1, RCP-1, AND ALL ASSOCIATED ACCESSORIES. PROVIDE 3/4" DCW, DHW, AND DHR TO EQUIPMENT PER DETAIL ON MP501.
- PROVIDE EW-1 AND ALL ASSOCIATED ACCESSORIES. PROVIDE 3" W THRU SLAB, UP FACE OF WALL, INSIDE OF JANITOR/STORAGE ROOM, PROVIDE 1-1/2" W TO FIXTURE THRU WALL. PROVIDE 1/2" DCW TO FIXTURE FROM ABOVE.
- PROVIDE RPZ-1, WATER METER, AND ALL ASSOCIATED ACCESSORIES PER DETAIL ON MP501. PROVIDE HEAT TAPE AROUND WATER METER AND BACKFLOW PREVENTER. HEAT TRACE TO BE SIMILAR TO CHROMALOX MODEL SLR-5-1C WITH RTAS CONTROLLER AND RTES END SEALS. INSTALL HEAT TAPE FOLLOWING MANUFACTURER'S WRITTEN INSTRUCTIONS.
- 2" COLD WATER THRU SLAB. PROVIDE HEAT TAPE ON BACKFLOW PREVENTER, WATER METER, AND ENTIRE WATER SERVICE MAIN LINE TO A POINT 4 FEET BELOW GRADE. INSULATE BELOW GRADE SERVICE PIPING WITH 2" OF ARMAFLEX INSULATION AND PROVIDE PROTECTIVE COVERING BELOW GRADE SIMILAR TO TAPECOAT. HEAT TRACE TO BE SIMILAR TO CHROMALOX MODEL SLR-5-1C WITH RTAS CONTROLLER AND RTES END SEALS. INSTALL HEAT TAPE FOLLOWING MANUFACTURER'S WRITTEN INSTRUCTIONS. LABEL PIPING EVERY 10' FROM WATER ENTRANCE THRU SLAB TO WATER METER "DO NOT TAP".

GENERAL NOTES:

- DO NOT ROUTE ANY WATER PIPING ABOVE ELECTRICAL PANELS.



2 1ST FLOOR PLUMBING PLAN
MP101 1/2" = 1'-0"

1 UNDERSLAB PLUMBING PLAN
MP101 1/2" = 1'-0"



It is a violation of New York Education Law Article 145 Sec.7209, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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VILLAGE OF WATKINS GLEN

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK RESTROOMS

WATKINS GLEN, NY

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER:	2211806	
DRAWN BY:	JLJ	
REVIEWED BY:	KB	
ISSUED FOR:	100% BID SET	
DATE:	9/28/2022	
DRAWING NAME:		

MECHANICAL AND PLUMBING PLAN

DRAWING NUMBER:

MP101



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303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK RESTROOMS
WATKINS GLEN, NY

NO.	DATE	DESCRIPTION
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: JLJ

REVIEWED BY: KB

ISSUED FOR: 100% BID SET

DATE: 9/28/2022

DRAWING NAME:

MECHANICAL AND PLUMBING DETAILS AND SCHEDULES

DRAWING NUMBER:

MP501

EXHAUST FAN SCHEDULE													
No.	LOCATION	SERVICE	TYPE	CFM	ESP (in.)	Electrical Data			SONES	WEIGHT (lb)	MANUFACTURER	MODEL	NOTES
						W	FLA	115/1					
EF-1	UNISEX #1	UNISEX #1	CEILING	75	0.26	15	115/1	0.17	0.4	12	GREENHECK	SP-990	1,2
EF-2	UNISEX #2	UNISEX #2	CEILING	75	0.26	15	115/1	0.17	0.4	12	GREENHECK	SP-990	1,2

- NOTES:
1. PROVIDE BACKDRAFT DAMPER AND DISCHARGE CAP PER DETAIL.
2. WIRE EXHAUST FAN TO POWER ON WITH ROOM LIGHTING.

ELECTRIC WATER HEATER SCHEDULE											
No.	LOCATION	SERVICE	STORAGE	GPH AT 100FT RISE	ELECTRICAL DATA			DIMENSIONS	MANUFACTURER	MODEL	NOTES
					AMPS	V/Phz	KW				
WH-1	JANITOR/STORAGE 03	DOMESTIC HOT WATER	6 GAL	8	8.3	240/1/60	2	15.5" H x 14.25" D	AO SMITH	DEL-6	1,2

- NOTES:
1. COORDINATE WITH ELECTRICAL DRAWINGS FOR DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR.
2. PROVIDE SHELF MOUNTED ABOVE MOP SERVICE BASIN PER DETAIL.

PLUMBING FIXTURE SCHEDULE											
MARK	TRIM	COLD	HOT	SAN/W	VENT	SUPPORT	REMARKS	MANUFACTURER	MODEL	NOTES	
WC-1	A	1"	--	4"	2"	WALL	ADA	SLOAN	ST-2459	--	
LAV-1	B	1/2"	1/2"	1-1/2"	1-1/2"	WALL	ADA	SLOAN	SS-3106	--	
MSB-1	C	3/4"	3/4"	3"	1-1/2"	FLOOR	--	FIAT	MSBID1G2424	--	
NFHH-1	--	3/4"	--	--	--	--	--	WATTS	HF-725	--	
EW-1	--	1/2"	--	1-1/2"	1-1/2"	WALL	ADA	ELKAY	VRCTL8WSK	1	
FD-1	D	--	--	4"	2"	--	--	WATTS	FD-100-M	--	

- TRIM:
A. EXTRA HEAVY DUTY SEAT, LESS COVER, OPEN FRONT, WHITE ELONGATED WITH SELF SUSTAINING STAINLESS STEEL CHECK HINGES, SIMILAR TO BEMIS MODEL # 1655 SSC. CHROME PLATED, EXPOSED DIAPHRAGM TYPE, AUTOMATIC SOLAR FLUSH VALVE, 1" BAK-CHEK ANGLE STOP, 1-1/2" TOP SPUD, SET-SCREW ESCUTCHEON, 1.28 GPF SIMILAR TO SLOAN MODEL # 8111-1.28-OR, PROVIDE CARRIER, SEE ARCHITECTURAL PLANS FOR MOUNTING LOCATION AND HEIGHTS.
B. CHROME PLATED BRASS, DECK MOUNTED, AUTOMATIC SOLAR FAUCET, 0.5 GPM AERATED SPRAY, SIMILAR TO SLOAN MODEL # EAF-275-SOL-1TM-CP-0.5GPM-AER-IR-10-FC. ASSE 1070 TEMPERATURE LIMITING VALVE, SIMILAR TO POWERS MODEL LFG480. CHROME PLATED CAST BRASS GRID DRAIN WITH 1-1/4" OFFSET TAILPIECE, SIMILAR TO MCGUIRE MODEL # 155WC, 1-1/4" x 1-1/2" CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT PLUG CPGB TUBING TO WALL AND SET-SCREW ESCUTCHEON, SIMILAR TO MCGUIRE MODEL # 8802. CHROME PLATED CAST BRASS SUPPLIES WITH LOOSE KEY ANGLE STOPS WITH SET-SCREW ESCUTCHEON AND RISERS SIMILAR TO MCGUIRE MODEL # 165LK. PROVIDE ADA COMPLIANT TRAP AND SUPPLY COVERING FOR REQUIRED FIXTURES, SIMILAR TO SLOAN ETF-529.
C. 8" WALL MOUNT CONCEALED MIXING FAUCET WITH BRASS BODY SIMILAR TO T&S BRASS MODEL # 8-0599. POLISHED BRASS SPOUT WITH PAIL HOOK AND GARDEN HOSE OUTLET, COMPRESSION CARTRIDGES WITH SPRING CHECKS, 4-ARM HANDLES, UPPER WALL SUPPORT ROD AND 1/2" UNION INLET CONNECTIONS, 36" LONG HOSE WITH WALL HANGER, MOP HANGER WITH 3 GRIPS ON A STAINLESS STEEL BRACKET, AND WALL GUARDS.
D. PROVIDE WITH ASSE 1072 APPROVED MECHANICAL SEAL.

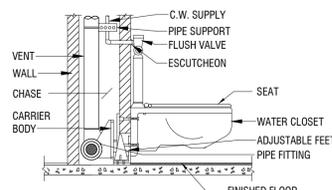
- NOTES:
1. ELECTRICAL DATA: 115 V/60 Hz, FLA: 1 Amp, 370 W

BACKFLOW PREVENTOR SCHEDULE											
No.	LOCATION	SERVICE	FLOW (GPM)	SIZE	PRESSURE DROP (PSI)	TYPE	MANUFACTURER	MODEL	NOTES		
RPZ-1	JANITOR/STORAGE 03	DOMESTIC WATER	42	2"	9	RPZ	WATTS	LF9090TS	1		

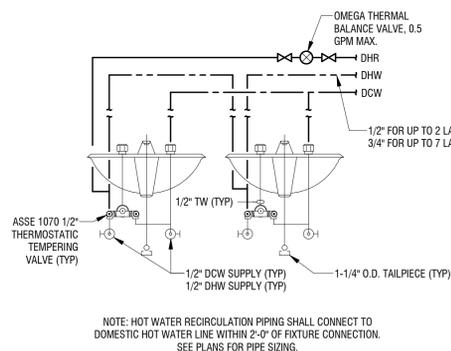
- NOTES:
1. PROVIDE STRAINER AND QUARTER TURN BALL VALVES.

RECIRCULATING PUMP SCHEDULE											
No.	LOCATION	SERVICE	GPM	HEAD (ft)	HP	RPM	TYPE	V/Hz/Ph	MANUFACTURER	MODEL	NOTES
RCP-1	JANITOR/STORAGE 03	WH-1	2	9	1/40	3250	INLINE	115/60/1	TACO	006-IGS14	1,2,3

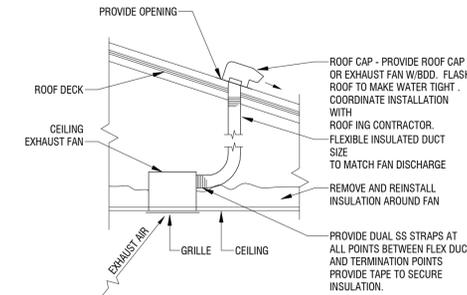
- NOTES:
1. PROVIDE CORD AND PLUG.
2. MOUNT AND WIRE PER MANUFACTURER INSTRUCTIONS.
3. PROVIDE WITH TEMPERATURE SENSOR AND TIME CLOCK, MOUNT AND WIRE PER MANUFACTURER INSTRUCTIONS.



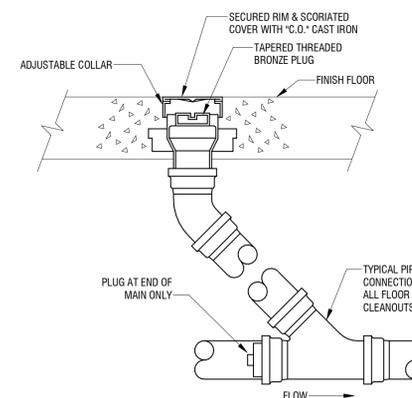
8 WATER CLOSET DETAIL
MP501 NOT TO SCALE



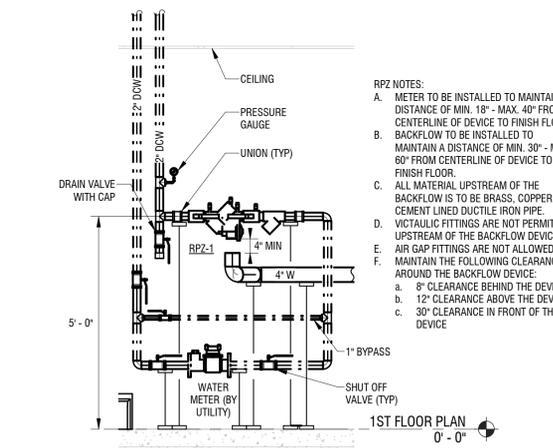
7 LAVATORY PIPING DETAIL
MP501 NOT TO SCALE



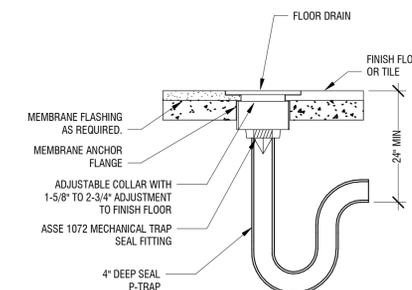
11 EXHAUST FAN DETAIL
MP501 NOT TO SCALE



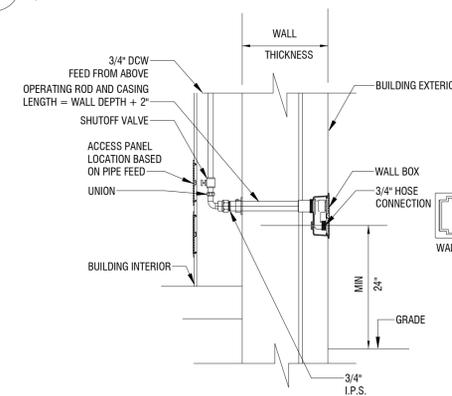
10 DECKPLATE CLEANOUT (FCO) DETAIL
MP501 NOT TO SCALE



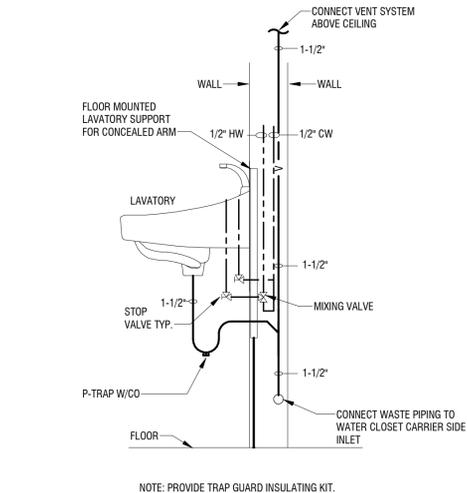
9 RPZ DETAIL
MP501 1/2" = 1'-0"



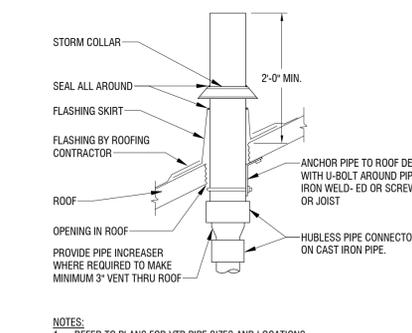
6 FLOOR DRAIN DETAIL
MP501 NOT TO SCALE



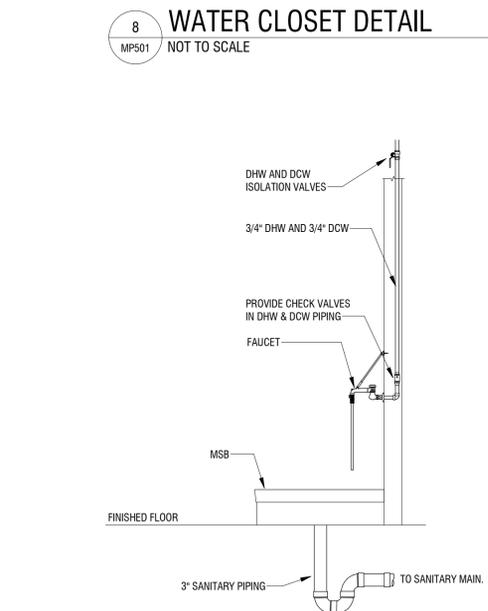
5 WALL HYDRANT DETAIL
MP501 NOT TO SCALE



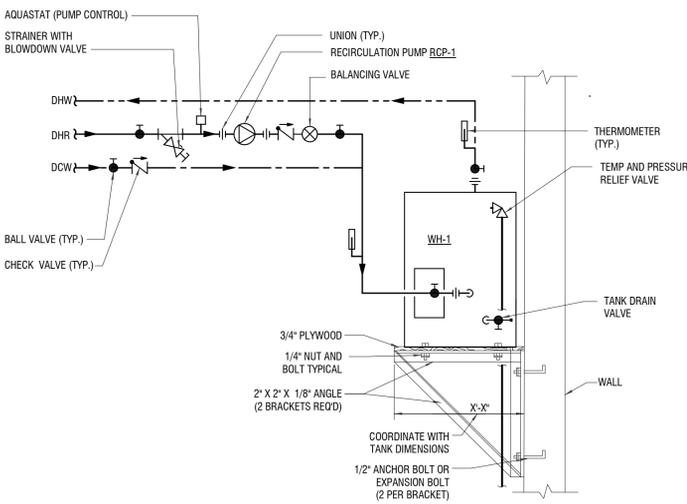
2 LAVATORY DETAIL
MP501 NOT TO SCALE



1 VENT THROUGH ROOF DETAIL
MP501 NOT TO SCALE



4 MOP SERVICE BASIN DETAIL
MP501 NOT TO SCALE



3 WALL MOUNTED ELECTRIC WATER HEATER
MP501 NOT TO SCALE



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VILLAGE OF WATKINS GLEN

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

**WATKINS GLEN DRI:
LAFAYETTE PARK**
WATKINS GLEN, NY

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER:		2211806
DRAWN BY:		MHB
REVIEWED BY:		MVR
ISSUED FOR:		BID SET
DATE:		SEPTEMBER 28, 2022
DRAWING NAME:		

**LIGHTING PLAN,
DETAILS AND SCHEDULES**

DRAWING NUMBER:

E100

ELECTRIC GENERAL NOTES:

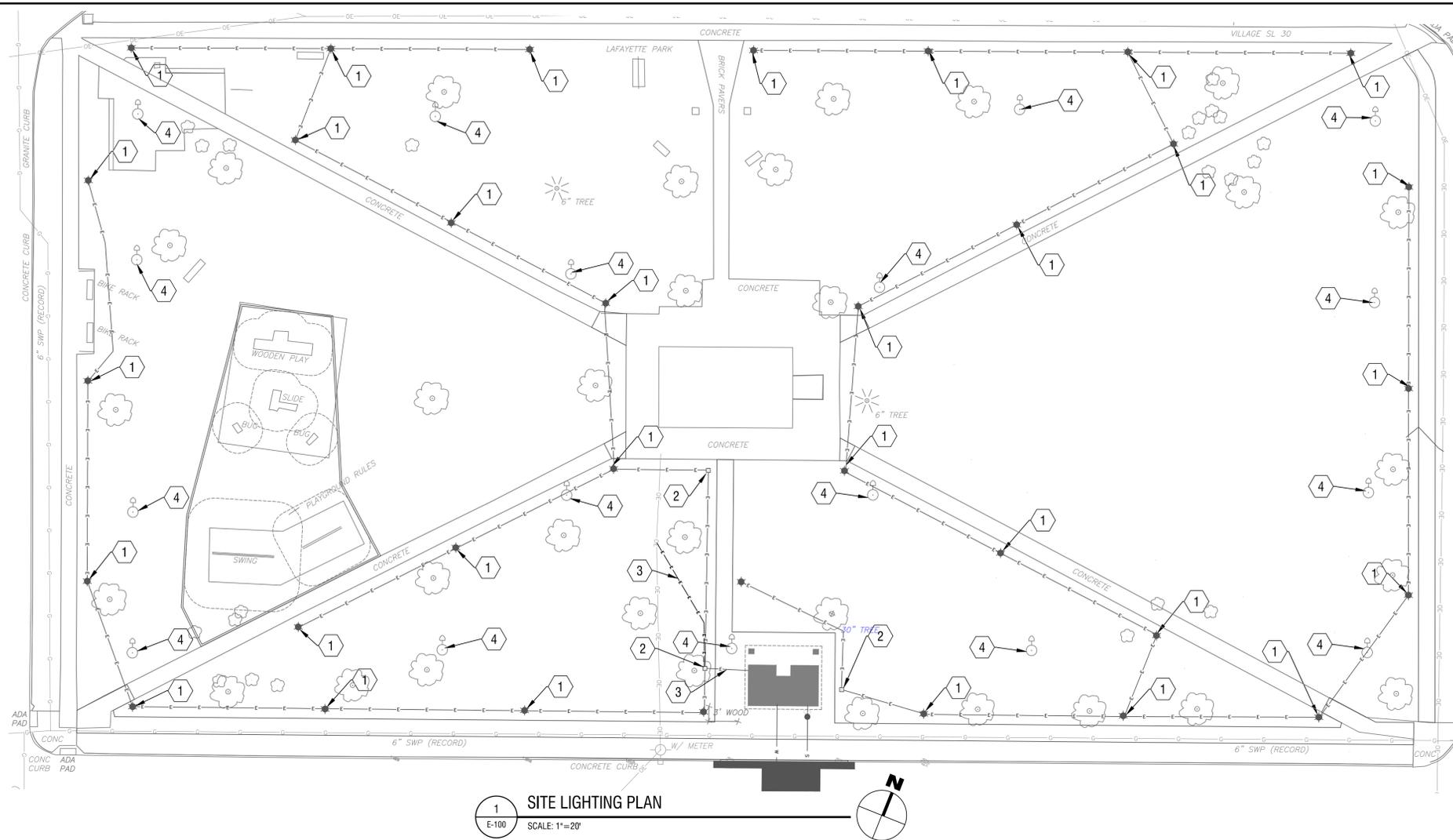
- WHERE FIXTURES ARE INDICATED TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE. IF CIRCUITS ARE FOUND TO HAVE OTHER LOADS ON THEM THAT ARE TO REMAIN, THESE CIRCUITS SHALL REMAIN, MAINTAIN CIRCUIT CONTINUITY TO FEED THRU TO ANY REMAINING LOADS. PROPERLY TERMINATE ALL WIRING.
- FIELD VERIFY EXISTING CIRCUITING WITH OWNER.
- PROVIDE SCHEDULE 40 PVC FOR UNDERGROUND CONDUITS. TRANSITION TO GALVANIZED STEEL RMC AT EXTERIOR WALL PENETRATIONS.
- EXISTING CONDUITS MAY BE REUSED WHERE POSSIBLE.
- UNDERGROUND CONDUITS SHALL BE A MINIMUM OF 30" BELOW FINISH GRADE.
- TRANSFER TO ABOVE GRADE WITH GALVANIZED STEEL RMC PRIOR TO PENETRATING THE BUILDING.
- VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL DEMOLITION WORK REQUIRED TO COMPLETE THE NEW CONSTRUCTION. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING CONSTRUCTION DOCUMENTS. OTHER ITEMS MAY EXIST.

ELECTRICAL KEYED NOTES:

- PROVIDE LIGHT POLE TYPE A PER LUMINAIRE SCHEDULE, WITH LED HEAD FIXTURE AND INTEGRAL PHOTOCELL.
- PROVIDE NEW ELECTRICAL OPEN BOTTOM HANDHOLE TIER 22.
- PROVIDE NEW ELECTRICAL UNDERGROUND SERVICE FEEDER FROM EXISTING UTILITY POLE, AS INDICATED IN RESTROOM ELECTRICAL DRAWINGS.
- DISCONNECT AND REMOVE POLE, FIXTURE HEAD AND WIRING BACK TO SOURCE.

LEGEND:

- UNDERGROUND OR SURFACE CONDUIT
- ELECTRICAL HAND HOLE
- JUNCTION BOX
- * NEW LIGHT POLE
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- AWG AMERICAN WIRE GAUGE
- CKT CIRCUIT
- GND GROUND

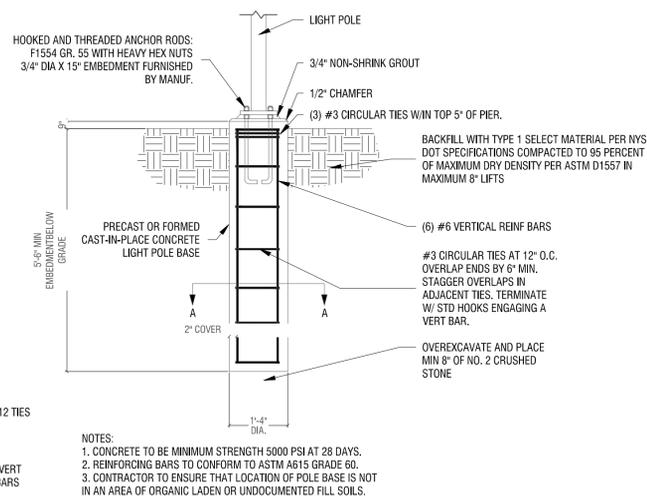


1 SITE LIGHTING PLAN
E-100 SCALE: 1"=20'

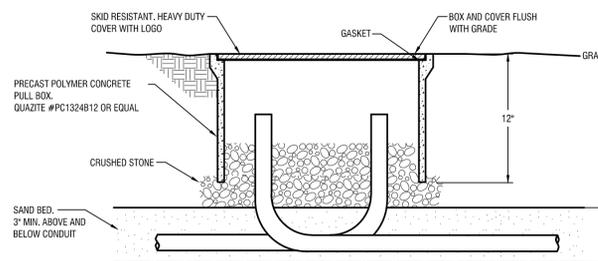
LUMINAIRE SCHEDULE										POLE			
TYPE	LAMP NO.	LAMP TYPE	DESIGN BASE	MIN. LUMEN OUTPUT	WATTS (MAX)	DESCRIPTION	FINISH	CRI	ARRANGEMENT	ACCESSORIES	DESCRIPTION	HEIGHT	MFR/CATALOG #
A	-	LED	AMERLUX D1369RCG-PC-CL-AV12-SV-27-5000M-TBK	3,057	27	DECORATIVE POST TOP, SYMMETRIC DISTRIBUTION, IP 66 RATED, DLC LISTED, LM79/LM80 COMPLIANT	BLACK	-	SINGLE	PHOTOCELL	4" FLUTED, ALUMINUM, TEXTURED BLACK	12 FT	AMERLUX PHILADELPHIA 14 SERIES APR203-12-TBK

CONDUIT SCHEDULE			
WIRING	GND	CONDUIT	NOTES
(2) #8 AWG	(1) #8 GND	1"C	2

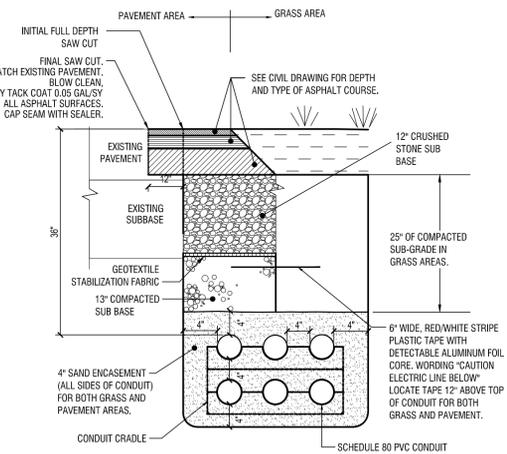
- NOTES:**
- REFER TO RESTROOM BUILDING ELECTRICAL DRAWINGS FOR SITE LIGHTING CIRCUITING DETAILS.
 - APPLICABLE TO ALL SITE WIRING, UNLESS OTHERWISE NOTED



2 LIGHT POLE BASE DETAIL
E-100 SCALE: N.T.S.



3 HANDHOLE DETAIL
E-100 SCALE: N.T.S.



4 CONDUIT TRENCH DETAIL
E-100 SCALE: N.T.S.



It is a violation of New York Education Law Article 145 Sec. 7209, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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VILLAGE OF WATKINS GLEN

303 NORTH FRANKLIN STREET
WATKINS GLEN, NY 14891

WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS
WATKINS GLEN, NY

GENERAL DRAWING NOTES:

- PERFORM ALL WORK IN STRICT ACCORDANCE TO THE NATIONAL ELECTRICAL CODE (NFPA 70), IN COMPLIANCE WITH NECA 1 & 101, AND IN A MANNER CONSISTENT WITH GOOD WORKMANSHIP.
- COORDINATE WORK WITH ALL OTHER TRADES, THE OWNER'S REPRESENTATIVE AND ELECTRICAL UTILITIES AS NECESSARY TO FACILITATE A SMOOTH INSTALLATION.
- COORDINATE NEW ELECTRICAL SERVICE WITH WATKINS GLEN VILLAGE SUPERVISOR.
- MAINTAIN ELECTRICAL SERVICES TO REMAINING EQUIPMENT DURING RENOVATIONS. COORDINATE ALL REQUIRED SERVICE SHUT DOWNS WITH OWNER'S REPRESENTATIVE.
- IT IS THE INTENT OF THE ELECTRICAL DRAWING AND SPECIFICATIONS TO CALL FOR FINISHED WORK, TESTED AND READY FOR OPERATION BY THE OWNER. ANY APPARATUS, WIRING, PROGRAMMING, OR INCIDENTAL MATERIAL NOT SPECIFICALLY MENTIONED OR CALLED OUT ON THE DRAWINGS OR IN THE SPECIFICATIONS, BUT NECESSARY FOR PROPER OPERATION OF THE SYSTEM OR RECOMMENDED BY THE MANUFACTURER FOR PROPER OPERATION OF THE SYSTEM SHALL BE FURNISHED, DELIVERED, INSTALLED AND CONFIGURED WITHOUT ADDITIONAL EXPENSE TO THE OWNER AS PART OF THE WORK OF THIS CONTRACT. DISCREPANCIES, OR ANY QUESTIONS OF INTENT SHALL BE REFERRED TO THE ENGINEER/ARCHITECT OF RECORD BEFORE ORDERING ANY MATERIALS OR EQUIPMENT - AND THE INTERPRETATION OF THE ENGINEER/ARCHITECT SHALL BE FINAL, CONCLUSIVE AND BINDING.
- MOUNTING HEIGHT OF WALL RECEPTACLES AND ELECTRICAL CONNECTIONS IS 18 INCHES ABOVE FINISHED FLOOR (AFF) UNLESS OTHERWISE NOTED.

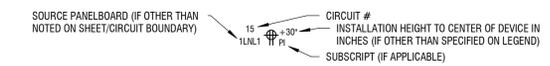
KEYED NOTES:

- 2#12 AWG & #12 GND IN 1/2" CONDUIT.
- PROVIDE A PHOTOCELL ON SIDE OF THE BUILDING INDICATED FOR DUSK TO DAWN OPERATION FOR EXTERIOR LIGHTS.
- COORDINATE EXACT ELECTRICAL REQUIREMENTS OF HAND DRYERS WITH GENERAL CONTRACTOR PRIOR TO ROUGH IN.
- INSTALL A 4 POLE LIGHTING CONTACTOR FOR PARK LIGHTING AND 365 DAY ASTRONOMICAL TIMECLOCK ABOVE OR BELOW PP-1 AS SPACE ALLOWS. REFER TO LIGHTING CONTROL SCHEMATIC BELOW FOR DETAILS.

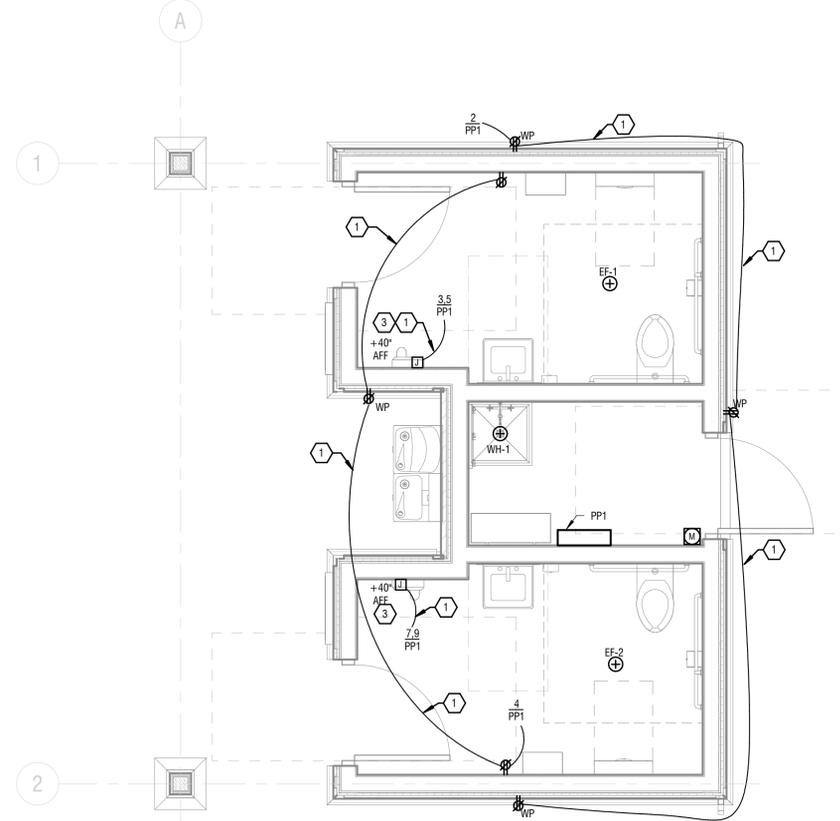
SYMBOL LIST:

- GEOMETRIC SHAPE LUMINAIRE, RECESSED OR SURFACE MOUNTED PER LUMINAIRE SCHEDULE
- OCCUPANCY SENSOR SWITCH, DUAL TECHNOLOGY [PIR / ULTRASONIC TECHNOLOGY], SINGLE POLE, WALL-BOX STYLE, 44" AFF
- VACANCY SENSOR SWITCH, DUAL TECHNOLOGY [PIR / ULTRASONIC TECHNOLOGY], SINGLE POLE, WALL-BOX STYLE, 44" AFF
- PHOTOCELL DEVICE, LINE VOLTAGE, 12" ABOVE ROOF, AIMED NORTH
- HANDHOLE
- JUNCTION BOX, HEIGHT AS INDICATED
- ELECTRICAL PANELBOARD, SURFACE OR FLUSH AS SHOWN, TOP OF TRIM 74" AFF
- NEMA 5-20R DUPLEX RECEPTACLE, 18" AFF
- NEMA 5-20R GFCI DUPLEX RECEPTACLE, 18" AFF
- WP- WATERPROOF ENCLOSURE
- METER CABINET/SOCKET (ONE-LINE & PLAN NOTATION)
- SINGLE PHASE EQUIPMENT CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE

GENERAL ELECTRICAL DEVICE NOTATION:

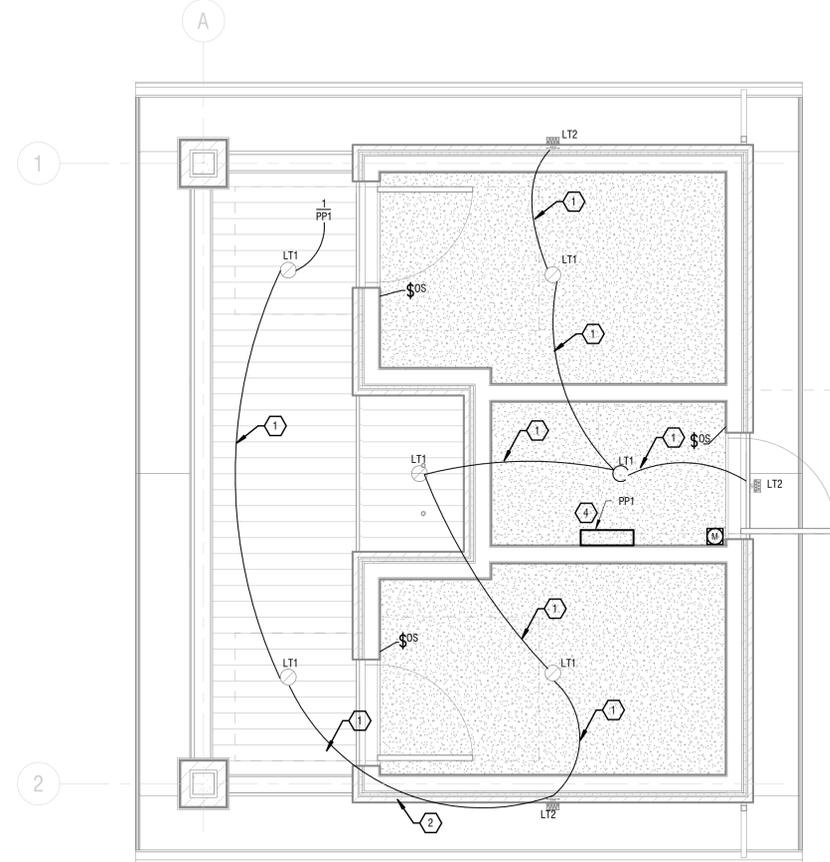


GENERAL LUMINAIRE NOTATION:



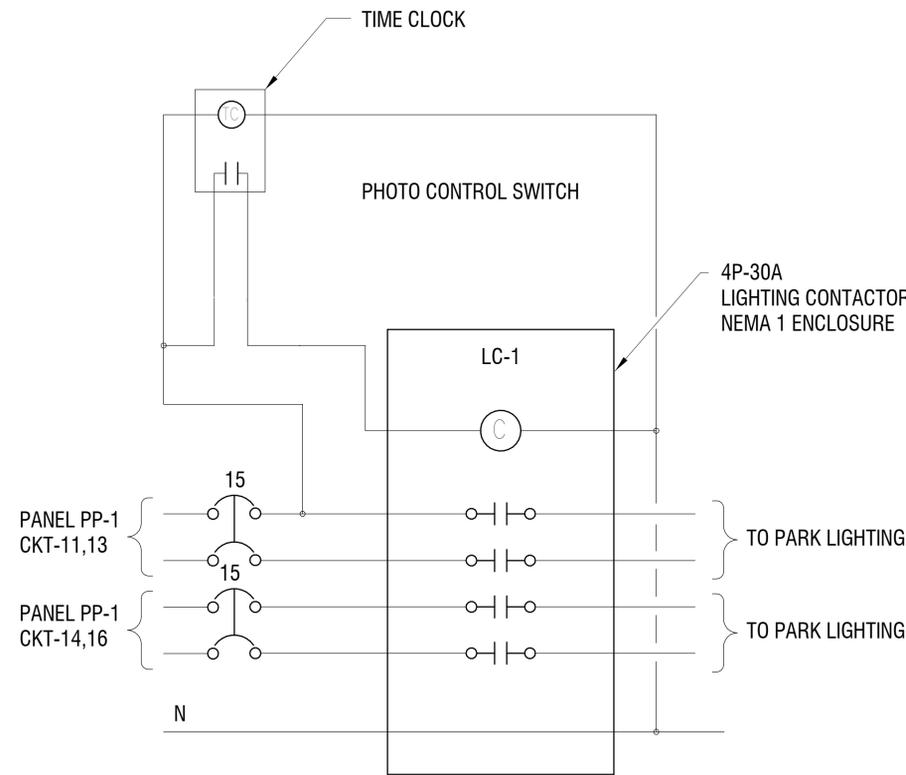
1 1ST FLOOR POWER PLAN

E101 3/8" = 1'-0"



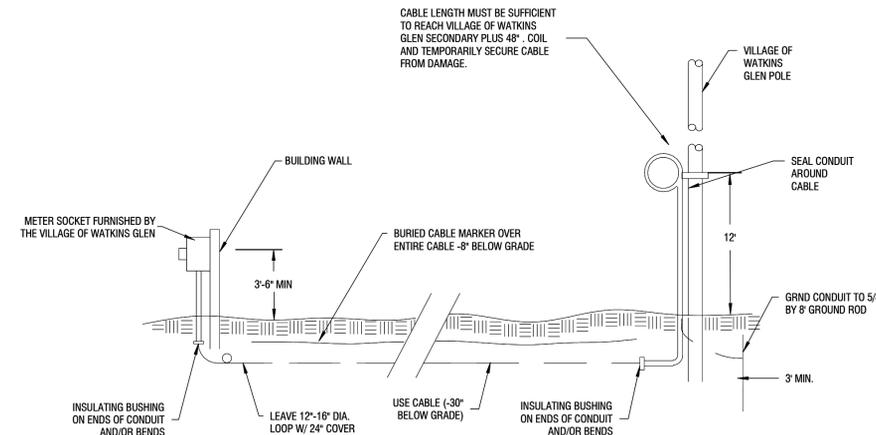
2 1ST FLOOR LIGHTING PLAN

E101 3/8" = 1'-0"



4 LIGHTING CONTROL SCHEMATICS

E101 1/4" = 1'-0"



5 UNDERGROUND ELECTRIC SERVICE ENTRANCE DETAIL

E101 12" = 1'-0"

NO.	DATE	DESCRIPTION
Revisions		
PROJECT NUMBER:		2211806
DRAWN BY:		MHB
REVIEWED BY:		MVR
ISSUED FOR:		BID SET
DATE:		SEPTEMBER 28, 2022
DRAWING NUMBER:		

ELECTRICAL PLAN, DETAILS AND SCHEDULES

DRAWING NUMBER:



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WATKINS GLEN DRI: LAFAYETTE PARK SEASONAL RESTROOMS

WATKINS GLEN, NY

EQUIPMENT CONNECTION SCHEDULE

DESIGNATION	LOCATION	DESCRIPTION	LOAD	VOLTAGE	PHASE	POWER SOURCE	CIRCUIT NUMBER	PROTECTIVE DEVICE RATING (A)	NUMBER OF POLES	CONDUCTORS & CONDUIT	CONTROLLER TYPE	CONTROLLER SIZE	CONTROLLER ACCESSORIES	DISCONNECT	NOTES
EF-1	TOILET ROOM	EXHAUST FAN	.015KW	115 V	1	PP1	10	15	1	2#12 AWG & #12 GND IN 1/2" CONDUIT	VIA ROOM LIGHT CONTROL.			30A, NEMA 1	
EF-2	TOILET ROOM	EXHAUST FAN	.015KW	115 V	1	PP1	12	15	1	2#12 AWG & #12 GND IN 1/2" CONDUIT	VIA ROOM LIGHT CONTROL.			30A, NEMA 1	
WH-1	UTILITY ROOM	WATER HEATER	2KW	240 V	1	PP1	6,8	15	2	2#12 AWG & #12 GND IN 1/2" CONDUIT	N/A			30A, NEMA 1	

LAFAYETTE RESTROOM BUILDING LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	LAMPS	LUMENS (MIN)	WATTS (MAX)	CRI (MIN)	CCT	DRIVER	MOUNTING	MT. HEIGHT	DESIGN BASE	REMARKS
LT1	6" RECESSED DOWNLIGHT	WHITE LED	2100	25	90	3500	UNV	RECESSED	-	HALO LCR6-21-9FS-E010	WITH 6" MOUNTING FRAME
LT2	WALL SCONCE	WHITE LED	880	15	90	3000	UNV	WALL	-	MAXIM PATHFINDER 52120	DARK SKY COMPLIANT

DESIGNATION: PP1

LOCATION: JANITOR / STORAGE 03

DESIGN BASE:

DISTRIBUTION VOLTAGE: 120/240V SINGLE PHASE

FULLY RATED AIC: 10KAIC

OF PHASES: 1

OF WIRES: 3

MOUNTING: Surface

ENCLOSURE TYPE: NEMA 1, HINGED COVER

MAIN TYPE: MCB

BUS RATING: 100 A

MCB TRIP: 100 A

MODIFICATIONS:

FED FROM:

SERVICE ENTRANCE LABEL:

OPTIONS:

PANELBOARD SCHEDULE NOTATION:

* PROVIDE GFCI TYPE BREAKER

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

*** COORDINATE CIRCUIT BREAKER RATING WITH SPD MANUFACTURER

CKT	CIRCUIT DESCRIPTION	BKR	POLES	A		B		POLES	BKR	CIRCUIT DESCRIPTION	CKT	
1	INDOOR/OUTDOOR LIGHTING	20 A	1	100	540			1	20 A	EXTERIOR OUTLETS	2	
3	HAND DRYER	20 A	2	500	1000	500	540	1	20 A	INDOOR OUTLETS	4	
5												
7	HAND DRYER	20 A	2	500	15	500	1000	2	15 A	WATER HEATER	8	
9												
11												
13	LAFAYETTE PARK LIGHTING-WEST	15 A	2	230	230	230	15	1	20 A	EF-2	12	
15	SPARE	20 A	1			0	230	2	15 A	LAFAYETTE PARK LIGHTING-EAST	14	
17	SPARE	20 A	1	0	0			1	20 A	SPARE	18	
19	SPARE	20 A	1			0	0	1	20 A	SPARE	20	
21	SPARE	20 A	1	0	0			1	20 A	SPARE	22	
23	SPARE	20 A	1			0	0	1	20 A	SPARE	24	
				TOTAL CONNECTED PHASE LOADS:		3115 VA		3015 VA				
				TOTAL CONNECTED PHASE CURRENTS:		26 A		25 A				

TO UTILITY POLE (REFER TO SITE LIGHTING PLAN FOR DETAILS.)

3#1 AWG & #6 GND IN 2" CONDUIT

PP-1

100A

MCB

120/240V
2P,3W

ONE LINE DIAGRAM

1
E600 1/4" = 1'-0"

NO.	DATE:	DESCRIPTION:
Revisions		

PROJECT NUMBER: 2211806

DRAWN BY: MHB

REVIEWED BY: MVR

ISSUED FOR: BID SET

DATE: SEPTEMBER 28, 2022

DRAWING NAME:

ELECTRICAL SCHEDULES AND DIAGRAMS

DRAWING NUMBER:

E600