



Stantec



NEW ROCHELLE
IDEALLY YOURS

1923 BUILDING RENOVATION FLOWER PARK

**491 5TH AVE,
NEW ROCHELLE, NY 10801**

**ISSUED FOR REBID
2022.01.12**

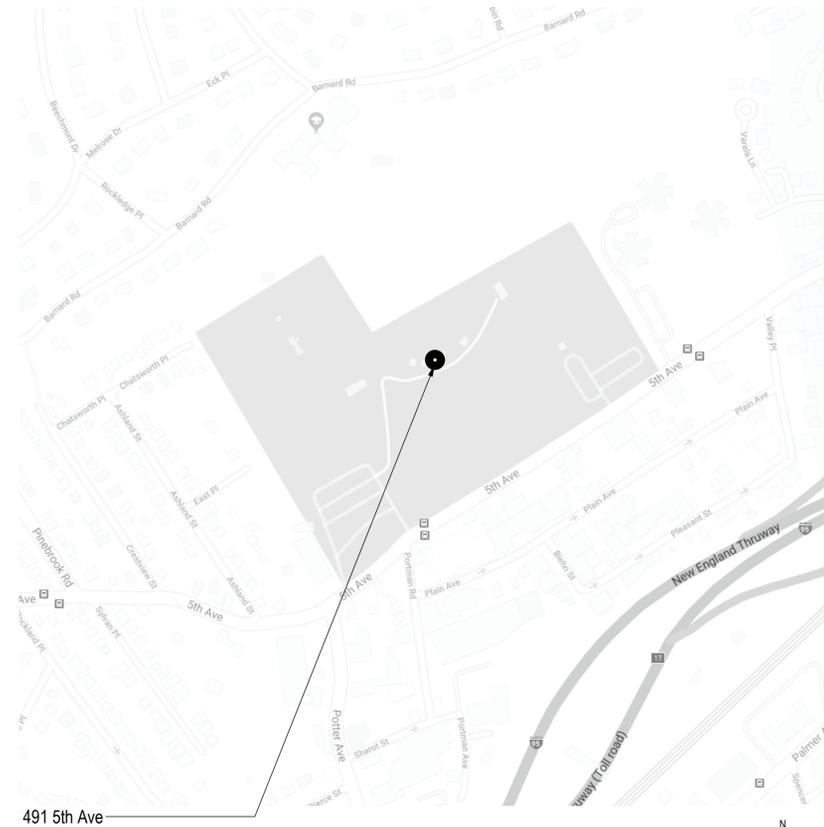
Stantec Project Number: 191506465

Sheet List					
NO.	DRAWING NAME	ISSUED FOR 50% REVIEW	ISSUED FOR 90% REVIEW	ISSUED FOR BID	ISSUED FOR REBID
GENERAL					
A000	COVER SHEET	•	•	•	•
LS100	LIFE SAFETY PLAN	•	•	•	•
G001	SIGNAGE PLANS	•	•	•	•
ARCHITECTURE					
A001	ARCHITECTURAL ABBREVIATIONS, SYMBOLS, AND NOTES	•	•	•	•
A002	TYPICAL NOTES	•	•	•	•
AD101	GROUND FLOOR DEMOLITION & ABATEMENT PLAN	•	•	•	•
AD102	FIRST FLOOR DEMOLITION & ABATEMENT PLAN	•	•	•	•
A101	GROUND FLOOR CONSTRUCTION PLAN	•	•	•	•
A102	FIRST FLOOR CONSTRUCTION PLAN	•	•	•	•
A111	GROUND FLOOR CEILING PLAN	•	•	•	•
A112	FIRST FLOOR CEILING PLAN	•	•	•	•
A201	ELEVATIONS	•	•	•	•
A202	ELEVATIONS	•	•	•	•
A301	WALL SECTIONS	•	•	•	•
A321	SECTIONS DETAILS	•	•	•	•
A401	INTERIOR ELEVATIONS	•	•	•	•
A501	PLAN DETAILS	•	•	•	•
A502	TYPICAL DETAILS	•	•	•	•
A601	DOOR AND WINDOW SCHEDULES, AND DETAILS	•	•	•	•
A602	PARTITION TYPES & DOOR DETAILS	•	•	•	•
MECHANICAL					
M001	MECHANICAL COVER PAGE	•	•	•	•
M002	MECHANICAL GENERAL NOTES	•	•	•	•
MD101	MECHANICAL GROUND & FIRST FLOOR DEMOLITION PLANS	•	•	•	•
M101	MECHANICAL GROUND & FIRST FLOOR PLANS	•	•	•	•
M201	MECHANICAL DETAILS	•	•	•	•
M301	MECHANICAL SCHEDULES	•	•	•	•
M401	MECHANICAL SPECIFICATIONS	•	•	•	•
M402	MECHANICAL SPECIFICATIONS	•	•	•	•
M403	MECHANICAL SPECIFICATIONS	•	•	•	•
M404	MECHANICAL SPECIFICATIONS	•	•	•	•

Sheet List					
NO.	DRAWING NAME	ISSUED FOR 50% REVIEW	ISSUED FOR 90% REVIEW	ISSUED FOR BID	ISSUED FOR REBID
PLUMBING					
P001	PLUMBING COVER PAGE	•	•	•	•
P002	PLUMBING SCHEDULES	•	•	•	•
PD101	PLUMBING GROUND & FIRST FLOOR DEMOLITION PLANS	•	•	•	•
P101	PLUMBING GROUND & FIRST FLOOR PLANS	•	•	•	•
P401	PLUMBING DETAILS	•	•	•	•
P402	PLUMBING DETAILS & SPECIFICATIONS	•	•	•	•
ELECTRICAL					
E001	ELECTRICAL COVER PAGE	•	•	•	•
E002	ELECTRICAL NOTES	•	•	•	•
ED101	ELECTRICAL GROUND & FIRST FLOOR DEMOLITION PLANS	•	•	•	•
E101	ELECTRICAL GROUND & FIRST FLOOR POWER PLANS	•	•	•	•
E201	ELECTRICAL GROUND & FIRST FLOOR LIGHTING PLANS	•	•	•	•
E301	ELECTRICAL PANEL SCHEDULE	•	•	•	•
E401	ELECTRICAL DETAILS	•	•	•	•
E402	ELECTRICAL DETAILS	•	•	•	•
E501	ELECTRICAL SPECIFICATIONS	•	•	•	•
E502	ELECTRICAL SPECIFICATIONS	•	•	•	•



Project Location - New Rochelle New York



491 5th Ave

LOCATION MAPS





Stantec Consulting Services Inc.
135 Engineers Road Suite 200
Hempstead, NY 11788-4018
Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved

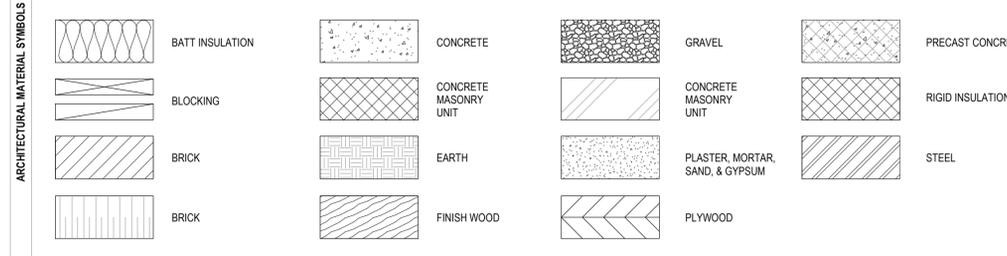
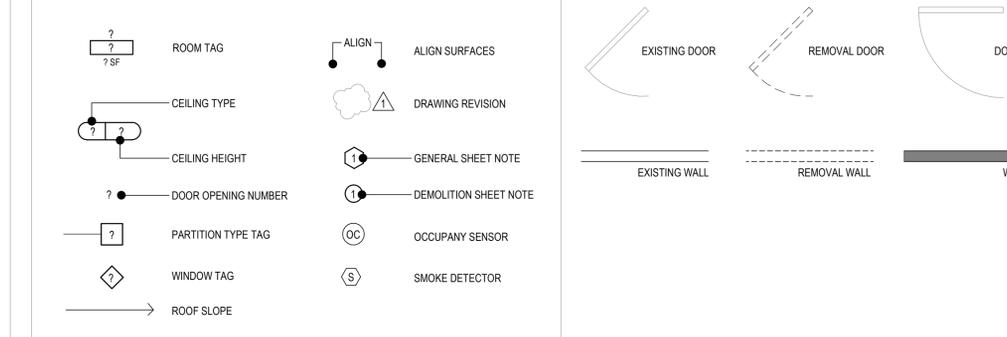
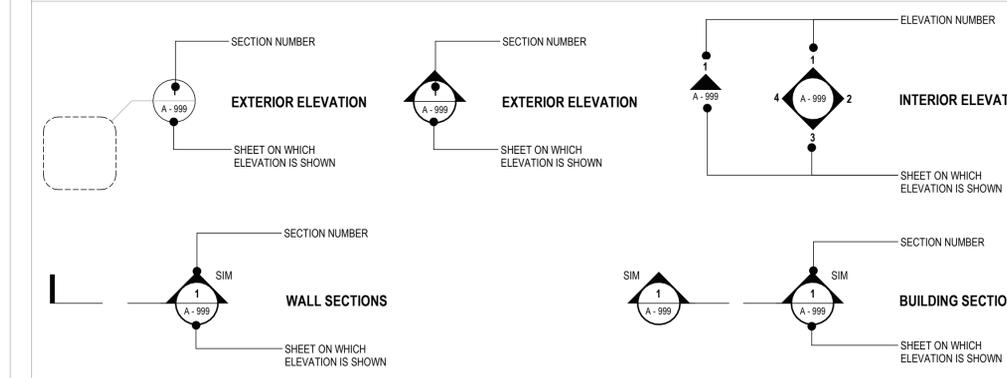
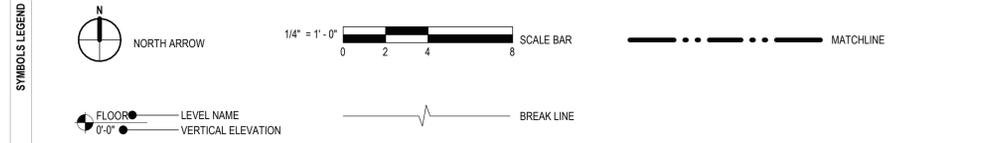
The Contractor shall verify and be responsible for all dimensions, DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Notes

- 1. DESIGN, CONSTRUCTION AND SAFETY SHALL CONFORM TO ALL LOCAL, STATE AND OWNER SPECIFIC CODES, INCLUDING (BUT NOT LIMITED TO), ANSI A117.1 AND ANY OTHER CODES GOVERNED BY THE JURISDICTION IN WHICH THIS PROJECT IS BEING CONSTRUCTED.
2. THIS CONTRACT REQUIRES COMPLETE, FINISHED WORKABLE PROJECT OF THE AREAS INDICATED BY THE CONTRACT DOCUMENTS, AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE, REGARDLESS OF WHETHER OR NOT ALL WORK OR EACH ITEM IS SPECIFICALLY INDICATED ON ANY OTHER PORTION OF THE DRAWINGS AND/OR NOTES.
3. WHERE MATERIALS REFERENCED ON DRAWINGS, OR NECESSARY TO COMPLETE THE WORK OF THIS CONTRACT ARE NOT SPECIFIED HEREIN, PROVIDE BEST QUALITY MATERIALS, WHERE MATERIALS ARE INTENDED TO MATCH EXISTING, PROVIDE CLOSEST POSSIBLE MATCH, SUBJECT TO OWNERS APPROVAL. ALL ITEMS AND WORK ON DRAWINGS ARE NEW, UNLESS INDICATED EXISTING. ALL WORK WHICH HAS BEEN DAMAGED SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER, WHERE ITEMS CAN NOT BE REPAIRED TO A 'NEW CONDITION', OR WHERE THE STRUCTURAL INTEGRITY HAS BEEN AFFECTED, ITEMS SHALL BE REPLACED AT NO COST TO THE OWNER.
4. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL SITE AND FIELD CONDITIONS PRIOR TO COMMENCING WORK. IF THERE ARE ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS, NOTIFY THE CONSTRUCTION MANAGER AND ARCHITECT / ENGINEER AND REQUEST CLARIFICATION.
5. DRAWINGS DO NOT INDICATE ALL DEMOLITION / REMOVALS. ALL CONTRACTORS ARE TO REFER TO DRAWINGS, SPECIFICATIONS AND VERIFY FIELD CONDITIONS TO DETERMINE FULL SCOPE AND PARTICULARS OF REMOVALS AS REQUIRED FOR AND COORDINATED WITH THE NEW WORK PRIOR TO COMMENCING WORK. VERIFY AND CONFIRM WITH OWNER WHICH ITEMS ARE TO BE SAVED FOR OWNER'S USE OR REINSTALLATION BY CONTRACTOR.
6. CONTRACTOR SHALL OBTAIN FROM OWNER ALL REQUIREMENTS FOR INSTALLATION OF OWNER PROVIDED EQUIPMENT INCLUDING ROUGHING DIAGRAMS, INSTALLATION INSTRUCTIONS, ELECTRICAL SCHEMATICS, TEMPLATES, LAYOUTS AND DIMENSIONS AND ALL OTHER INFORMATION NECESSARY FOR A PROPER, WELL COORDINATED INSTALLATION. PRIOR TO ROUGH-IN, CONFIR WITH OWNER EXACT LOCATION OF ALL ITEMS.
7. ALL CONTRACTORS ARE TO COORDINATE THE WORK OF EACH OTHER, SO THAT THE WORK AND SCHEDULE ARE NOT IMPEDED. SCHEDULE WORK PROGRESS THROUGHOUT THE ENTIRE PROJECT TO PREVENT CONFLICTS AND INTERFERENCES. OBTAIN ALL NECESSARY INFORMATION SUCH AS SIZES, LOCATIONS, TEMPLATES, LAYOUT, DIMENSIONS AND ALL OTHER INFORMATION NECESSARY FOR A PROPER AND WELL COORDINATED INSTALLATION. PRIOR TO INSTALLATION OF ITEMS, VERIFY AND CONFIRM WITH EACH CONTRACTOR EXACT LOCATION OF ALL ITEMS.
8. REMOVE DEBRIS AND OTHER MATERIALS RESULTING FROM DEMOLITION FROM SITE AS DEMOLITION WORK PROGRESSES. REMOVE RUBBISH FROM JOB SITE REGULARLY AND LEAVE PREMISES AND WORK IN CLEAN CONDITION. RUBBISH SHALL NOT BE ALLOWED TO ACCUMULATE AND SHALL BE APPROPRIATELY DISPOSED OF.
9. PRIOR TO COMPLETION, CLEAN PREMISES FOR OCCUPANCY BY OWNER. CLEANING SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
A. REMOVAL OF GREASE, MASTIC, ADHESIVE, DUST, DIRT, STAINS, LABELS AND OTHER FOREIGN MATERIALS FROM EXPOSED SURFACES.
B. THE EXTERNAL SURFACE OF ALL EQUIPMENT SHALL BE CLEANED AT THE COMPLETION OF THE WORK TO REMOVE ALL CONCRETE, DUST AND DIRT, WELDING AND CUTTING SPLATTER, ETC.
C. PRIOR TO FINAL COMPLETION, OR OWNER OCCUPANCY, CONTRACTOR SHALL CONDUCT AN INSPECTION OF SIGHT EXPOSED SURFACES, AND ALL WORK AREAS, TO VERIFY THAT THE ENTIRE WORK IS CLEAN.
10. ALL DIMENSIONS ARE FROM FACE OF MASONRY, FACE OF EXISTING WALL FINISH, CENTERLINE OF NEW STUD WALL.
11. THE CONTRACTOR SHALL EXTENSIVELY REVIEW EXISTING CONDITIONS AT THE PROJECT SITE PRIOR STARTING WORK. THE DRAWINGS ARE DIAGRAMMATIC AND INSTALLATION OF WORK AND MAY REQUIRE MODIFICATION OF EXISTING CONDITIONS FOR PROPER INSTALLATION. THE CONTRACTOR SHALL BE COMPLETE TO INSTALL.
12. CONTRACTOR SHALL COORDINATE ALL WORK WITH ALL SUBCONTRACTORS, AND WITH THOSE UNDER SEPARATE CONTRACT WITH THE OWNER.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR PROPER INSTALLATION OF MATERIAL AND EQUIPMENT.
14. CONTRACTOR TO COORDINATE WITH OWNER TO ENSURE SECURITY AND TO COMMUNICATE UTILITY SHUTDOWNS.
15. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO CONTAIN ALL DEBRIS WITHIN THE CONSTRUCTION AREA AND TO MINIMIZE NOISE RELATED TO CONSTRUCTION OPERATIONS.
16. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR JOB CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF PERSONS AND PROPERTY.
17. ALL PARTS OF THE WORK - INCLUDING MATERIALS, METHODS, ASSEMBLIES, ETC. - MUST COMPLY WITH THE MINIMUM REQUIREMENTS OF THE GOVERNING REGULATIONS OF ALL FEDERAL, STATE DISTRICT, AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT AS WELL AS THOSE GREATER REQUIREMENTS INDICATED BY THE CONTRACT DOCUMENTS; NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO FOR A PERMIT WORK CONTRARY TO A GOVERNING REGULATION.
18. FINISH MATERIALS SHALL COMPLY WITH BUILDING CODE OF THE STATE OF NEW YORK.

Table with columns for STANDARD ABBREVIATIONS and GENERAL NOTES. Includes categories A through Z with corresponding abbreviations and full names.



Revision table with columns for Description, By, Appd, Date.

Issued table with columns for Description, By, Appd, Date.

Author, Designer, Checker, Dwn, Dgn, Chkd table with columns for Name, Title, Date.



Client/Project NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE. NEW ROCHELLE, NY 10801

ARCHITECTURAL ABBREVIATIONS, SYMBOLS, AND NOTES

Project No. 191506465, Revision, Scale 12" = 1'-0", Drawing No. A001

1 - GENERAL NOTES

- A. ALL STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SPECIFICATIONS.
- B. CONTRACTORS SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC., IN FIELD AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION OR SHOP DRAWINGS.
- C. THE DRAWINGS ARE INTENDED TO REQUIRE AND TO INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT PROPER FOR THE WORK.
- D. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES AND REQUIREMENTS.
- E. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND SAFETY PROCEDURES. THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR THEIR AGENTS OR EMPLOYEES OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK.
- F. OBSERVE ALL OSHA AND OTHER APPLICABLE SAFETY REQUIREMENTS INCLUDING THE USE OF SAFETY GLASSES, HARD HATS, AND PROTECTION OF AREA WHEN WORKING OVERHEAD. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR CONSTRUCTION SAFETY AT ALL TIMES.
- G. COORDINATE WORK OF ALL DISCIPLINES (ARCH., STRUCT., ELECT., ETC.) WITH EXISTING CONDITIONS, SPECIAL REQUIREMENTS, CONSTRUCTION SCHEDULE AND OTHER CONTRACTORS PERFORMING WORK AT THE SITE.
- H. THE CONTRACTOR SHALL DESIGN AND PROVIDE ANY TEMPORARY SHORING, BRACING, ETC., AS NEEDED FOR THE WORK SO AS NOT TO ENDANGER THE STRUCTURAL INTEGRITY OF ANY EXISTING FEATURE.
- I. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE DONE TO EXISTING FEATURES AS A RESULT OF THIS WORK. DAMAGED ITEMS SHALL BE REPLACED IN KIND AND AT NO ADDITIONAL COST TO THE OWNER.
- J. SEE SPECIFICATIONS FOR FULL SCOPE OF REQUIREMENTS APPLICABLE TO THIS PROJECT.
- K. SHOP DRAWINGS: REPRODUCTION OF DESIGN DRAWINGS SHALL NOT BE PERMITTED FOR SHOP DRAWING SUBMISSIONS. THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL REVIEW AND PROVIDE REVIEW STAMP ON SHOP DRAWING SUBMISSIONS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER INDICATING UNDERSTANDING AND ACCEPTANCE OF SUBMITTAL AND CONFIRMING CONFORMANCE TO PROJECT PLANS/SPECIFICATIONS.

2 - DESIGN CRITERIA

- A. FLOOR LIVE LOADS

OFFICE	- 50 PSF
ASSEMBLY AREAS	- 100 PSF
- B. BUILDING IS DESIGNED USING 2016 NEW YORK UNIFORM CODE SUPPLEMENT TO THE 2015 INTERNATIONAL BUILDING CODE.

3 - CONCRETE WORK

- A. SUBMITTALS
 - a. SUBMIT SHOP DRAWINGS SHOWING FABRICATION, BENDING AND PLACEMENT OF CONCRETE REINFORCEMENT. DETAILING SHALL COMPLY WITH THE ACI DETAILING MANUAL.
 - b. SUBMIT CONCRETE MIX PROPORTIONS WITH SUPPORTING TEST DATA, MATERIAL CERTIFICATIONS AND PRODUCT DATA, TO DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS BELOW AND THE PROJECT SPECIFICATIONS.
- B. COMPLY WITH THE FOLLOWING CODES AND STANDARDS, LATEST EDITION:
 - a. ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS".
 - b. ACI 305, ACI 306, ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
 - c. ACI DETAILING MANUAL, LATEST EDITION.
 - d. ACI 347 "RECOMMENDED PRACTICE FOR CONCRETE FORM WORK".
 - e. CONCRETE REINFORCING STEEL INSTITUTE (CRSI), "MANUAL OF STANDARD PRACTICE".
 - f. ACI 304 "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE".
- C. MATERIALS:
 - a. REINFORCING BARS - ASTM A615, GRADE 60, DEFORMED.
 - b. WELDED WIRE FABRIC (WWF) - ASTM A185, FLAT SHEETS.
 - c. SUPPORTS FOR REINFORCEMENT:
 - (A) FOR SLABS ON-GRADE USE CONCRETE BRICKS OR CHAIRS TO SUPPORT AND MAINTAIN PROPER LOCATION OF WWF AND REINFORCING BARS.
 - (B) BOLSTERS, CHAIRS, SPACERS, ETC. SHALL BE WIRE BAR TYPE SUPPORTS COMPLYING WITH CRSI SPECS. FOR EXPOSED TO VIEW SURFACES WHERE SUPPORTS ARE IN CONTACT WITH FORMS, PROVIDE SUPPORTS WITH LEGS WHICH ARE PROTECTED BY PLASTIC OR STAINLESS STEEL.
 - d. PORTLAND CEMENT-ASTM C150, TYPE II.
 - e. AGGREGATES-ASTM C33.
 - f. AIR ENTRAINING ADMIXTURE-ASTM C260, CERTIFIED BY MANUFACTURER TO BE COMPATIBLE WITH OTHER REQUIRED ADMIXTURES.
 - g. PROHIBITED ADMIXTURES-CALCIUM CHLORIDE THYOCYANATES OR ADMIXTURES CONTAINING MORE THAN 0.1% CHLORIDE IONS ARE NOT PERMITTED.
- a. PROPORTIONING AND DESIGN OF MIXES:
 - b. PREPARE DESIGN MIXES FOR EACH TYPE, AND STRENGTH OF CONCRETE BY EITHER LABORATORY TRIAL BATCH OR FIELD EXPERIENCE METHODS AS SPECIFIED IN ACI 318.
 - c. NORMAL WEIGHT CONCRETE-MINIMUM 28 COMPRESSIVE STRENGTH 4000 PSI. (TYP. UNO) COORDINATE WITH SPECIFICATIONS.
- E. FORM WORK:
 - a. PROVIDE OPENINGS IN CONCRETE FORM WORK TO ACCOMMODATE WORK OF OTHER TRADES.
- F. CONCRETE SHALL BE READY MIXED PER ASTM C94. JOB SITE MIXING SHALL NOT BE PERMITTED.
- G. CONCRETE PLACEMENT:
 - a. THE ADDITION OF WATER TO THE CONCRETE MIX AT THE JOB SITE IS NOT PERMITTED UNLESS SPECIFICALLY ALLOWED BY THE OWNER'S REPRESENTATIVE.
 - b. PROTECT CONCRETE WORK FROM THE DETRIMENTAL EFFECTS OF COLD TEMPERATURES IN COMPLIANCE WITH ACI 306.
 - c. PROTECT CONCRETE WORK FROM THE DETRIMENTAL EFFECTS OF HOT WEATHER OR WINDY CONDITIONS IN COMPLIANCE WITH ACI 305.
 - d. PLACE FLOOR SLABS TO SURFACE LEVEL TOLERANCES OF FF20-FL17.
- H. CONCRETE FINISHES:
 - a. FORMED SURFACES EXPOSED TO VIEW - SMOOTH RUBBED FINISH. SLAB FINISH - PROVIDE TROWEL FINISH.
- I. PROVIDE MOISTURE CURE TO SLAB SURFACES FOR 7 DAYS BY EITHER COVERING THE CONCRETE WITH WATER, APPLYING A CONTINUOUS WATER-FOG SPRAY, OR COVERING WITH AN ABSORPTIVE COVER. CHEMICAL CURING COMPOUNDS WILL NOT BE ALLOWED ON FLOOR SLABS.
- J. THE OWNER WILL EMPLOY A TESTING AGENCY TO PERFORM SAMPLING AND TESTING AND SUBMIT TEST REPORTS.
- K. SAMPLING AND TESTING OF CONCRETE SHALL INCLUDE:
 - a. SLUMP-ASTM C143-ONE TEST AT POINT OF PLACEMENT FOR EACH TRUCK LOAD OF EACH TYPE OF CONCRETE UNTIL CONCRETE CONSISTENCY IS UNIFORM, AND AT LEAST EVERY THIRD TRUCK THEREAFTER; ADDITIONAL TESTS WHEN CONCRETE C CONSISTENCY SEEMS TO HAVE CHANGED.
 - b. AIR ENTRAINMENT-ASTM C173 VOLUMETRIC METHOD, OR ASTM C231 PRESSURE METHOD, ONE FOR EACH DAY'S PLACEMENT OF EACH TYPE OF AIR ENTRAINED CONCRETE.
 - c. CONCRETE TEMPERATURE-TEST HOURLY WHEN AIR TEMPERATURE IS 41°F AND BELOW OR WHEN 80°F AND ABOVE; AND EACH TIME A SET OF COMPRESSION TEST CYLINDERS IS MADE.
 - d. COMPRESSION TEST SPECIMENS-ASTM C31-ONE SET OF 6 CYLINDERS FOR EACH COMPRESSIVE STRENGTH TEST. MOLD AND STORE CYLINDERS FOR LABORATORY CURED TEST SPECIMENS. COMPRESSIVE STRENGTH TESTS-ASTM C39-ONE SET FOR EACH DAY'S PLACEMENT EXCEEDING 5 CUBIC YARDS PLUS ADDITIONAL SETS FOR EACH 50 CUBIC YARDS OVER AND ABOVE THE FIRST 25 CUBIC YARDS OF EACH CONCRETE CLASS PLACED IN ONE DAY; TWO SPECIMENS TESTED AT 7 DAYS, TWO SPECIMENS TESTED AT 28 DAYS, AND TWO SPECIMENS RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.
 - e. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF $f_c=4000$ PSI (TYPICAL UNLESS NOTED)
 - f. ALL LAP SPLICES SHALL BE 48 BAR DIAMETERS (TYP. UNO)

4 - MASONRY

- A. SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR LOCATION, SIZE AND SPACING OF REINFORCED MASONRY.
- B. SUBMITTALS
 - a. SUBMIT SHOP DRAWINGS FOR FABRICATION, BENDING AND PLACEMENT OF MASONRY REINFORCEMENT COMPLYING WITH ACI DETAILING MANUAL.
 - c. SUBMIT DESIGN MIXES FOR EACH TYPE GROUT AT LEAST 15 DAYS PRIOR TO START OF WORK.
- D. MATERIALS
 - a. CONCRETE MASONRY UNITS: HOLLOW OR SOLID UNITS ASTM C90. ALL UNITS SHALL BE TYPE I,NORMAL WEIGHT AUTOCLAVED CURED. MOISTURE CONTENT SHALL NOT EXCEED 30% OF MAXIMUM ABSORPTION, AND SHRINKAGE SHALL BE LESS THAN 0.35% AS PER ASTM C426.
 - b. MORTAR: ASTM C270, TYPE S. NO MASONRY CEMENT WILL BE ALLOWED.
 - c. $f_m=1,500$ psi
 - d. REINFORCEMENT BARS: ASTM A615 GRADE 60.
 - e. JOINT REINFORCEMENT: TRUSS TYPE WITH 0.148 INCH DIAMETER
 - f. FINE GROUT: ASTM C476.
- D. TESTING PROCEDURE:
 - E. BLOCKS SHALL BE TESTED PER ASTM C-140 FOR STRENGTH, ABSORPTION AND SIZE.
- F. STRENGTH OF MASONRY CONSTRUCTION SHALL BE DETERMINED BY UNIT STRENGTH METHOD IN ACCORDANCE WITH ACI 530.1, SPECIFICATION FOR MASONRY STRUCTURES, SECTION 1.4.
 - a. GROUT COMPRESSIVE STRENGTH SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C-1019. GROUT SLUMP SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C-143. ONE SET OR MORTAR CUBES (3 EACH) SHALL BE PREPARED EVERY 5000 SQ. FT. OF WALL CONSTRUCTED.
- G. PROTECT MASONRY WORK FROM DAMAGE DUE TO OTHER WORK AND THE WEATHER AS RECOMMENDED BY NCM. ALL UNITS SHALL BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. SOLID UNITS SHALL BE LAID WITH FULL HEAD AND BED JOINTS, 3/8" THICK. LAY IN FULL RUNNING BOND UNLESS INDICATED OTHERWISE.
- H. PLACE HORIZONTAL REINFORCING ON FULL MORTAR BED AT 16" O.C. MIN. OR AS INDICATED ON DRAWINGS. VERTICAL REINFORCING IN MASONRY WHERE SHOWN SHALL BE PLACED IN GROUT FILLED CORES AND PROPERLY LOCATED AS INDICATED. SPLICES SHALL BE MINIMUM 48 X BAR DIAMETER.
- I. USE LOW-LIFT GROUTING TECHNIQUES TO FILL CORES, UNLESS HIGH-LIFT GROUTING (VERTICAL PLACEMENT >40") IS APPROVED BY THE OWNER'S REPRESENTATIVE IN WRITING.
- J. USE UNIT TEST METHOD, ACCORDING TO ASTM C-140, TO VERIFY MATERIALS PROPERTIES.
- K. ALL EXPOSED MORTAR JOINTS SHALL BE TOOLED.

5 - STRUCTURAL STEEL

- A. STRUCTURAL STEEL WORK INCLUDES ALL STRUCTURAL STEEL TO BE FURNISHED AND ERECTED, BEAMS, COLUMNS, CHANNELS, ANGLES, JOISTS, LINTELS, BEARING PLATES, ETC., AS INDICATED ON THE DRAWINGS.
- B. COMPLY WITH THE FOLLOWING CODES AND STANDARDS:
 - a. AISC STEEL CONSTRUCTION MANUAL, ASD, 14TH EDITION
 - b. AMERICAN WELDING SOCIETY (AWS) D1.1 "STRUCTURAL WELDING CODE STEEL".
 - c. CURRENT OSHA ERECTION AND FABRICATION REQUIREMENTS.
- C. MATERIALS:
 - a. ANGLES, BARS, PLATES AND CHANNELS: ASTM A-36.
 - b. HIGH STRENGTH BOLTS: ASTM A 325.
 - c. WELDS: E70XX ELECTRODES.
- D. ALL STRUCTURAL STEEL SHOP CONNECTIONS SHALL BE WELDED AND ALL FIELD CONNECTIONS SHALL BE HIGH-STRENGTH BOLTED UNLESS SHOWN OTHERWISE.
- E. ALL BOLTS SHALL BE TIGHTENED TO THE SNUG TIGHT CONDITION UNLESS NOTED OTHERWISE. SLIP CRITICAL BOLTS SHALL BE USED AT ALL MOMENT CONNECTIONS.
- F. PROVIDE ANCHORS AND OTHER DEVICES TO BE BUILT INTO CONCRETE WORK.
- G. STEEL SHALL RECEIVE ONE COAT OF PRIMER PAINT, UNLESS NOTED OTHERWISE.
- H. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS INCLUDING COMPLETE DETAILS AND SCHEDULES FOR FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBERS, PROCEDURES AND DIAGRAMS.
- I. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED.
- J. ALL CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE EITHER BOLTED OR WELDED CONNECTIONS.
- K. ALL BOLTED CONNECTIONS SHALL BE (2) 3/4" DIA. A325 BOLTS MINIMUM (TYP. UNO).
- L. ALL WELDED CONNECTIONS SHALL BE IN 3/16" FILLET WELDED ALL AROUND (TYP. UNO).



Stantec Consulting Services Inc.
 135 Engineers Road Suite 200
 Hauppauge, NY 11788-4018
 Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Notes

Revision	By	Appd	YYYY.MM.DD

ISSUED FOR REBID	AC	AJP	2022.01.12
ISSUED FOR BID	CVR	AJP	2020.01.15
Issued	By	Appd	YYYY.MM.DD

File Name: N/A	EW	EW	MS	07/23/19
	Dwn.	Dsgn.	Clkd.	YYYY.MM.DD

Permit/Seal



Client/Project Logo



Client/Project

NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE.
NEW ROCHELLE, NY 10801

Title

TYPICAL NOTES

Project No.	Scale
191506465	12" = 1'-0"
Revision	Drawing No.

A002

Copyright Reserved

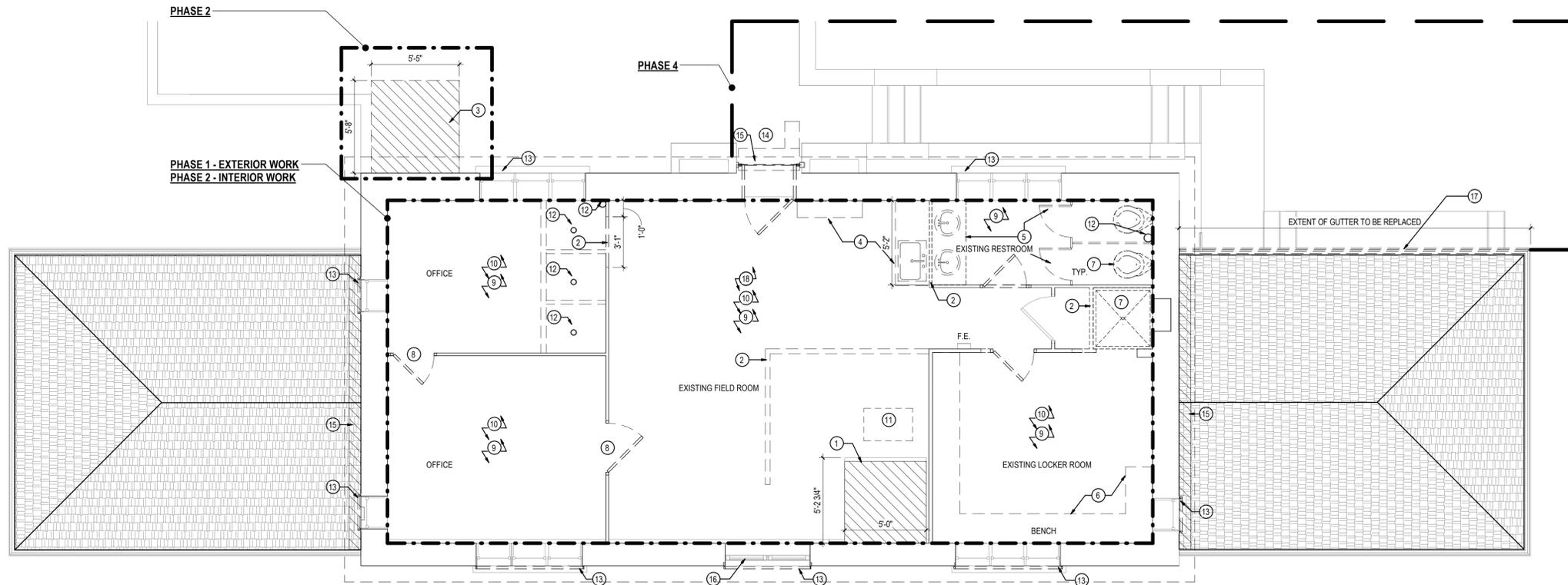
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Notes

PHASE 1 - DEMOLITION SCOPE

3. PREPARE EXISTING AREA WHERE INDICATED FOR A CONCRETE PAD. REFER TO FIRST FLOOR PLAN FOR ADDITIONAL INFORMATION.
13. REMOVE EXISTING SECURITY AND INSECT SCREENS. REPAIR MASONRY.
14. REMOVE EXISTING COILING SECURITY SCREEN AND FRAME. REPAIR MASONRY.
15. REMOVE ASBESTOS CONTAINING FLASHING CEMENT AT ROOF FLASHING AND CHIMNEY FLASHING IN ACCORDANCE WITH INDUSTRIAL CODE RULE 56.
16. REMOVE EXISTING GLAZING FROM WINDOW FRAME AND PREPARE FOR NEW GLAZING.
17. REMOVE EXISTING DAMAGED GUTTERS. REFER TO CONSTRUCTION NOTES FOR NEW GUTTER INSTALLATION.

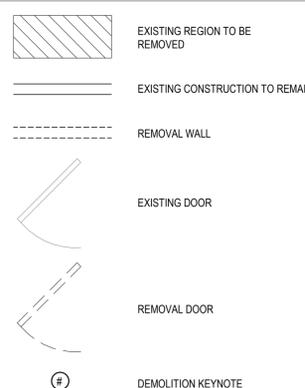


1 FIRST FLOOR DEMOLITION PLAN - PHASE 2
AD102 1/4" = 1'-0"

DEMOLITION - SHEET NOTES

1. SCOPE OF DEMOLITION IS GENERALLY INDICATED ON THIS DRAWING FOR GENERAL CONTRACTOR. ANY DEMOLITION OR REMOVAL INDICATED OR IMPLIED BY THESE DRAWINGS IS SHOWN IN GENERAL TO PROVIDE THE FULL EXTENT OF DEMOLITION. IT IS NOT TO BE CONSIDERED A RECORD DRAWING OF EXISTING CONDITIONS. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE FULL SCOPE, INTENT, NATURE AND MANNER OF DEMOLITION REQUIRED.
2. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL GOVERNING BUILDING CODES, LOCAL CODES, AND ALL RULES AND REGULATIONS AS ESTABLISHED BY THE AUTHORITIES HAVING JURISDICTION.
3. GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AND DIMENSIONS. DO NOT SCALE DRAWINGS.
4. THE GENERAL CONTRACTOR SHALL PROVIDE ALL MATERIALS INDICATED GRAPHICALLY OR AS NOTED. GENERAL CONTRACTOR TO NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES IN IDENTIFICATION OF MATERIALS REQUIRED.
5. ALL EXISTING FIRE & LIFE SAFETY DEVICES AND SYSTEMS TO REMAIN AND SHALL BE FULLY OPERATIONAL AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION. WHERE SERVICE MUST BE INTERRUPTED, G.C. SHALL PROVIDE APPROVED PERSONNEL OR SYSTEMS TO SERVE AS TEMPORARY FIRE WATCH. ALL FIRE-WATCH PERSONNEL AND PROCEDURES SHALL COMPLY WITH BUILDING OWNER REQUIREMENTS AND ALL AUTHORITIES HAVING JURISDICTION.
6. PROVIDE TEMPORARY LIGHTING THROUGHOUT SPACE AS REQUIRED BY BUILDING OWNER AND LOCAL AUTHORITIES HAVING JURISDICTION.
7. FOR ANY CUTS/PENETRATIONS THROUGH THE ROOF G.C. SHOULD CONTRACT WITH OWNER - REQUIRED VENDORS TO MAINTAIN ANY WARRANTIES.
8. ASBESTOS-CONTAINING MATERIALS (ACM) ARE ASSUMED TO BE PRESENT WITHIN THE WORK AREA. REFER TO SPECIFICATION AND THE DEMOLITION KEYNOTE LEGEND FOR ASBESTOS CONTAINING MATERIAL FOR REMOVAL. THE RESULTS OF THE TESTING FOR ACM & PCB'S ARE LISTED IN THE BUILDING ASBESTOS SURVEY REPORT BOUND IN THE APPENDIX OF THE SPECIFICATION.
9. THE GENERAL CONTRACTOR SHALL PERFORM ALL CONTRACT WORK IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS, NEW YORK STATE DEPARTMENT OF LABOR (N.Y.S.D.O.L.) INDUSTRIAL CODE RULE 56, OSHA, NESHAPS AND ALL OTHER APPLICABLE CODES.
10. ATTEND THE PRE-WORK CONFERENCE AND PROVIDE A DETAILED ABATEMENT WORK PLAN FOR REVIEW.
11. THE GENERAL CONTRACTOR SHALL COORDINATE THE SCHEDULED WORK WITH THE OWNER'S REPRESENTATIVE.
12. CONTRACTOR IS RESPONSIBLE FOR ON-SITE SAFETY AND SECURITY OF THEIR EMPLOYEES DURING ALL HAZARDOUS REMOVAL ACTIVITIES AND ASSUMES RESPONSIBILITY FOR PROCEEDING WITH THE WORK IN A MANNER THAT OFFERS THEIR EMPLOYEES A WORKPLACE FREE FROM RECOGNIZED HAZARDS CAUSING SERIOUS HEALTH, HARM, OR INJURY.
13. ASBESTOS WASTE DUMPSTER LOCATION TO BE COORDINATED WITH THE OWNER. VERIFY THAT LANDFILL ACCEPTS ALL TYPES OF HAZARDOUS MATERIALS WITHIN THE PROJECT'S SCOPE OF WORK.
14. COORDINATE HOOKUP OF WATER SERVICE FOR DECONTAMINATION PURPOSES WITH THE OWNER'S REPRESENTATIVE.
15. UNDER NO CIRCUMSTANCES SHALL CONTAMINATED LIQUIDS OR DEBRIS ENTER THE EXISTING SEWER SYSTEM. ALL WASTEWATER SHALL BE FILTERED THROUGH A SYSTEM CAPTURING 5.0 MICRON PARTICLE SIZE AND ABOVE.
16. GENERAL CONTRACTOR SHALL RECEIVE APPROVAL FROM THE PROJECT MONITOR BASED ON INSPECTION, TO ASSURE ALL OPENINGS AND PENETRATIONS HAVE BEEN SEALED PROPERLY BEFORE ANY ABATEMENT IS UNDERTAKEN.
17. IF WATER LEAKS THROUGH THE CONTAINMENT AREAS OR UNDER THE DECONTAMINATION UNITS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WATER DAMAGE TO THE FLOOR BELOW. CONTRACTOR SHALL DOCUMENT ALL PRE-EXISTING WATER DAMAGE PRIOR TO ESTABLISHING CONTAINMENT AREAS.
18. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH OTHER TRADES AS APPLICABLE IN ORDER TO DETERMINE EXACT LOCATIONS OF REQUIRED REMOVALS AND TIMING OF SUCH REMOVALS.
19. GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND MAKING ARRANGEMENTS FOR ALL REQUIRED INSPECTIONS.
20. REMOVAL WORK OR ANY OTHER WORK IN THESE AREAS SHALL COMMENCE ONLY AFTER THE HAZARDOUS MATERIAL REMOVAL WORK IS COMPLETED AND ONLY AFTER THE NECESSARY CLEARANCES ARE OBTAINED.
21. PROVIDE TO THE OWNER'S REPRESENTATIVE ALL WASTE TRANSPORTER PERMITS, WASTE DISPOSAL RECEIPTS AND THE CONTRACTORS POST ABATEMENT REPORT. SEE THE CLOSEOUT SUBMITTAL SECTION IN THE ABATEMENT SPEC.
22. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF ALL BUILDING CODES AND ORDINANCES. IN CASE OF CONFLICT, THE MOST STRINGENT SHALL GOVERN.

DEMOLITION - LEGEND



DEMOLITION - KEY NOTES

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. REMOVE SECOND FLOOR CONCRETE SLAB AFTER INSTALLATION OF NEW SHAFT WALLS. CORE EACH CORNER OF SLAB SECTION TO BE REMOVED AND USE A CHIPPING HAMMER TO SQUARE ALL HOLES. 2. REMOVE EXISTING NON-BEARING PARTITION WALL AS INDICATED. 3. PREPARE EXISTING AREA WHERE INDICATED FOR A CONCRETE PAD. REFER TO FIRST FLOOR PLAN FOR ADDITIONAL INFORMATION. 4. REMOVE EXISTING CABINETS & KITCHENETTE IN THEIR ENTIRETY. 5. REMOVE EXISTING TOILET PARTITIONS, AND CASEWORK AS INDICATED IN THEIR ENTIRETY, INCLUDING ASSOCIATED HARDWARE AND ACCESSORIES. 6. REMOVE BENCHES AND ALL ASSOCIATED HARDWARE. 7. REMOVE EXISTING PLUMBING FIXTURES AS INDICATED. REFER TO PLUMBING DRAWINGS FOR EXTENT OF DEMOLITION SCOPE. 8. REMOVE EXISTING INTERIOR DOOR IN ITS ENTIRETY INCLUDING FRAME AND HARDWARE. 9. REMOVE ALL FLOOR FINISHES AND PREPARE FLOOR FOR EPOXY FLOOR INSTALLATION. | <ol style="list-style-type: none"> 10. CLEAN AND PREPARE WALLS FOR EPOXY PAINT SYSTEM. 11. REMOVE ENTIRE ASBESTOS CONTAINING EXHAUST DUCT FROM UNIT HEATER IN ACCORDANCE WITH INDUSTRIAL CODE RULE 56. 12. REMOVE EXISTING PLUMBING. COORDINATE WITH PLUMBING DRAWINGS FOR FULL SCOPE OF DEMOLITION PERIODS. TYP 13. REMOVE EXISTING SECURITY AND INSECT SCREENS. REPAIR MASONRY. 14. REMOVE EXISTING COILING SECURITY SCREEN AND FRAME. REPAIR MASONRY. 15. REMOVE EXISTING TOILET PARTITIONS, SCREEN AND FRAME. REPAIR MASONRY. 16. REMOVE EXISTING GLAZING FROM WINDOW FRAME AND PREPARE FOR NEW GLAZING. 17. REMOVE EXISTING DAMAGED GUTTERS. REFER TO CONSTRUCTION NOTES FOR NEW GUTTER INSTALLATION. 18. EXISTING LIGHT FIXTURES TO BE REMOVED - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. |
|--|--|



Client/Project Logo



Client/Project
NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE.
NEW ROCHELLE, NY 10801

Title
FIRST FLOOR DEMOLITION &
ABATEMENT PLAN

Project No.
191506465
Revision

Scale
As indicated
Drawing No.
AD102

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Notes

PHASE 1 - ALTERNATE 1 - NEW WORK SCOPE

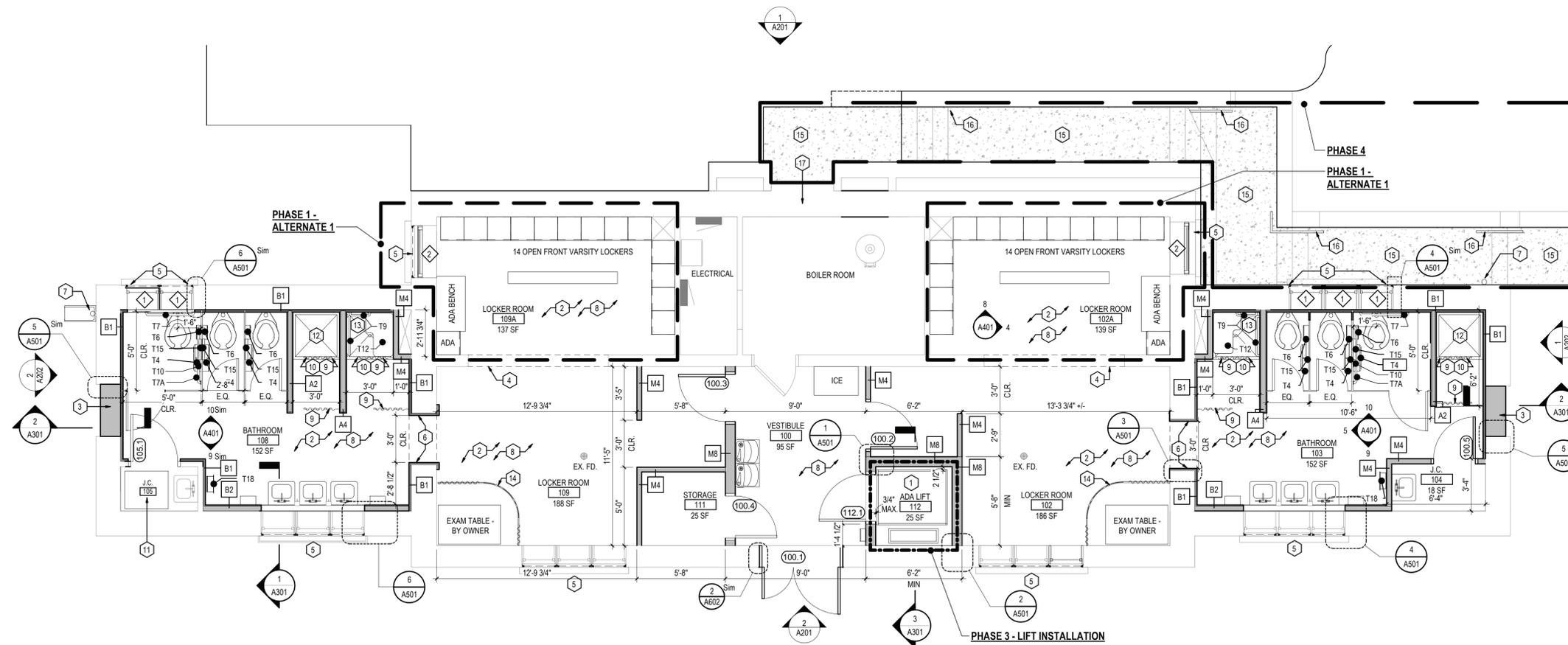
- PATCH AND REPAIR CONCRETE SLAB. MATCH EXISTING ADJACENT ELEVATION AND CREATE A SMOOTH TRANSITION
- INTEL ABOVE; REFER TO STRUCTURAL FOR MORE INFORMATION. FINISH OPENING TO MATCH EXISTING ADJACENT.
- PROVIDE EPOXY FLOORING AND FLOOR BASE. REFER TO A321 FOR FLOOR BASE SECTION DETAILS.

PHASE 3 - NEW SCOPE WORK

- PROVIDE ACCESSIBLE LIFT, REFER TO SECTION ON A301.

PHASE 4 - NEW SCOPE WORK

- NEW CONCRETE SIDEWALK, LANDINGS, STAIRS, AND PARTIAL WALL REPLACEMENT. SEE ADD ALTERNATE #1.
- GALVANIZED STEEL HANDRAIL SET IN CONCRETE. SEE ADD ALTERNATE #1.

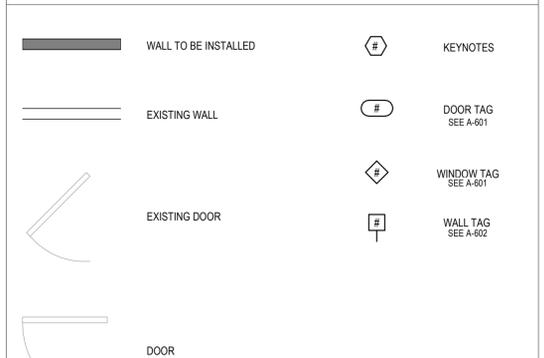


1 GROUND FLOOR CONSTRUCTION PLAN - PHASE 1
A101 1/4" = 1'-0"

CONSTRUCTION PLAN - GENERAL NOTES

- REFER TO A-001 ARCHITECTURAL ABBREVIATIONS, SYMBOLS, & GENERAL NOTES FOR ADDITIONAL INFORMATION
- ALL WALLS TO RECEIVE EPOXY PAINT SYSTEM, UNLESS OTHERWISE NOTED. BASIS OF DESIGN SHERWIN WILLIAMS HIGH PERFORMANCE EPOXY PAINT.
- ALL FLOORS TO RECEIVE EPOXY FLOOR SYSTEM, UNLESS OTHERWISE NOTED.
- REPAIR FLOORS, WALLS, AND CEILINGS AT EXISTING, DAMAGED, AND OPENINGS INCLUDING ASBESTOS, AND NEW SERVICES, CONDUITS, AND PIPE PENETRATIONS.
- PROVIDE 2 COATS OF BLOCK FILLER AT ALL CMU WALLS TO BE PAINTED.
- PROVIDE LINTELS AND OPENINGS AT ALL NEW DUCT PENETRATIONS AT NEW AND EXISTING MASONRY WALLS. SEE LOSE LINTEL SCHEDULE 3/A502.

CONSTRUCTION PLAN - LEGEND



CONSTRUCTION PLAN - KEY NOTES

- PROVIDE ACCESSIBLE LIFT, REFER TO SECTION ON A-301.
- PATCH AND REPAIR CONCRETE SLAB. MATCH EXISTING ADJACENT ELEVATION AND CREATE A SMOOTH TRANSITION.
- INFILL WALL OPENING WITH STONE TO MATCH EXISTING.
- LINTEL ABOVE; REFER TO STRUCTURAL FOR MORE INFORMATION. FINISH OPENING TO MATCH EXISTING ADJACENT. SEE A502 FOR DETAILS. PROVIDE AND INSTALL SECURITY SCREENS, BASIS OF DESIGN KANE SECURITY SCREENS LEVEL 4 PROTECTOR SERIES.
- FINISH OPENINGS, JAMBS, HEADERS, AND FLOOR ADJACENT. PROVIDE SMOOTH AND LEVEL TRANSITIONS. SEE 3/A501.
- PROVIDE GLITTER, DOWNSPOUT, AND TIE INTO EXISTING STORM WATER DRAIN AS INDICATED IN PLAN AND ELEVATIONS.
- PROVIDE EPOXY FLOORING AND FLOOR BASE. REFER TO A321 FOR FLOOR BASE SECTION DETAILS.
- INSTALL CURTAIN. REFER TO GROUND FLOOR CEILING PLAN.
- GARMENT HOOKS. (2) PER SHOWER
- INSTALL FLOOR MOUNTED ACCESS HATCH
- PROVIDE 36"x36" SHOWER
- ACCESSIBLE SHOWER
- PROVIDE CURTAIN; REFER TO CEILING PLAN.
- NEW CONCRETE SIDEWALK, LANDINGS, STAIRS AND PARTIAL WALL REPLACEMENT.
- GALVANIZED STEEL HAND RAIL SET IN CONCRETE.
- PROVIDE MECHANICAL LOUVER IN EXISTING OPENING. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.



Client/Project Logo



Client/Project
NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE.
NEW ROCHELLE, NY 10801

Title
GROUND FLOOR CONSTRUCTION PLAN

Project No. 191506465
Revision

Scale As indicated
Drawing No.

A101



Revision	By	Appd	YYYY.MM.DD

ISSUED FOR REBID	AC	AJP	2022.01.12
ISSUED FOR BID	CVR	AJP	2020.01.15
Issued	By	Appd	YYYY.MM.DD

File Name: N/A	Author: Dwn.	Designer: Dgn.	Checker: Ckld.	07/23/19
----------------	--------------	----------------	----------------	----------



Client/Project
NEW ROCHELLE

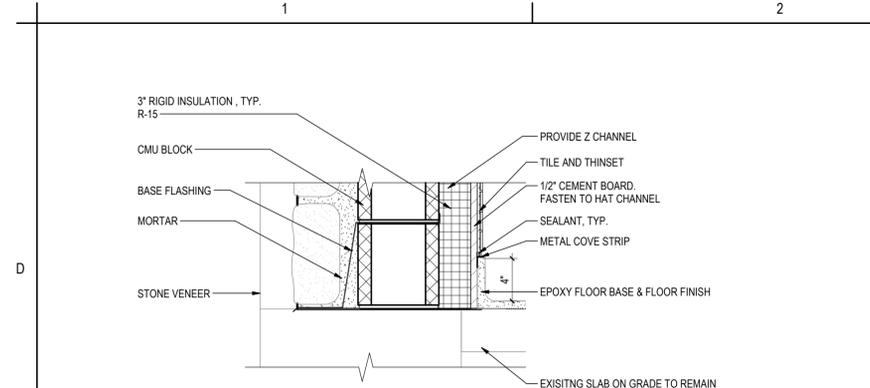
1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE.
NEW ROCHELLE, NY 10801

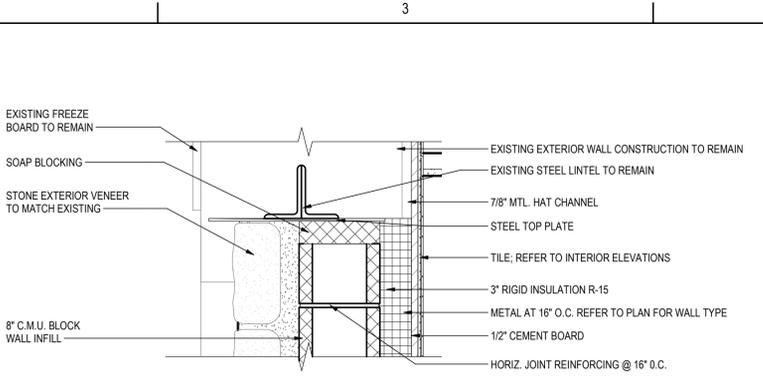
Title
SECTIONS DETAILS

Project No.	Scale
191506465	1 1/2" = 1'-0"
Revision	Drawing No.

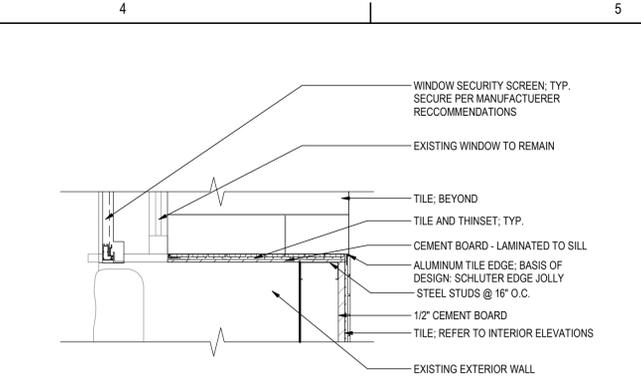
A321



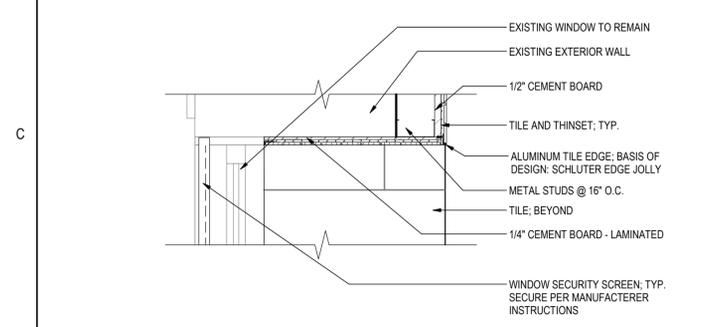
1 BASE DETAIL AT EXTERIOR WALL INFILL
A321 1 1/2" = 1'-0"



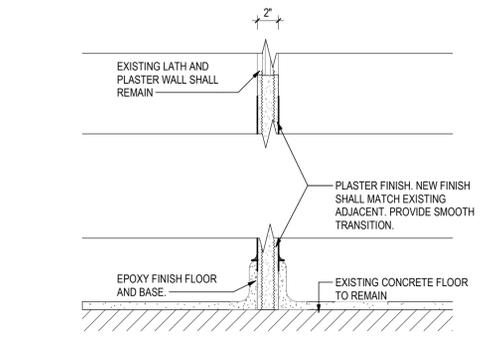
2 HEAD DETAIL AT EXTERIOR WALL INFILL
A321 1 1/2" = 1'-0"



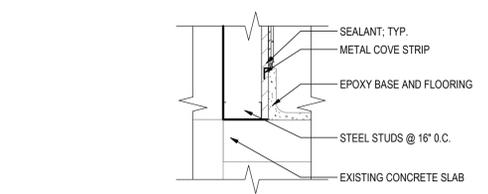
3 WINDOW BASE DETAIL AT FURRED WALL
A321 1 1/2" = 1'-0"



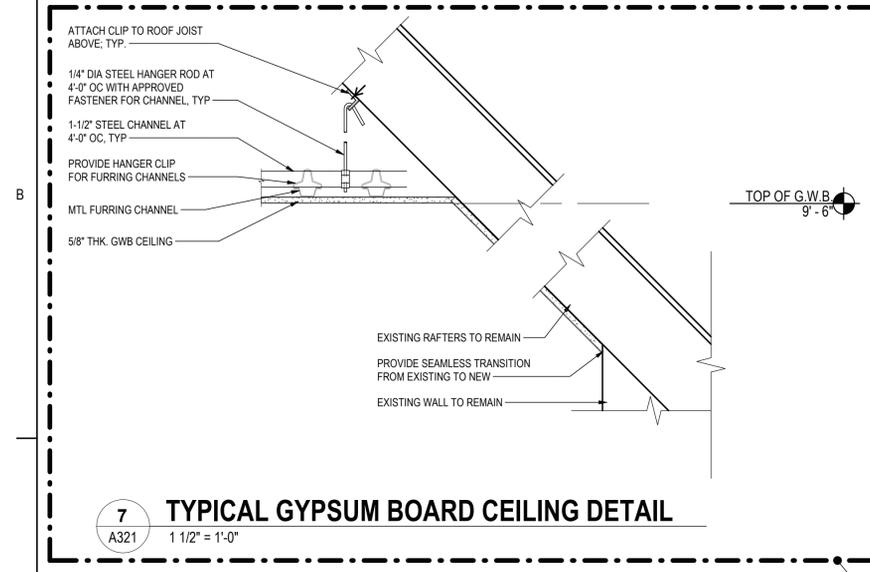
4 WALL HEAD DETAIL AT WALL FUR OUT
A321 1 1/2" = 1'-0"



5 PLASTER WALL INFILL SECTION
A321 1 1/2" = 1'-0"



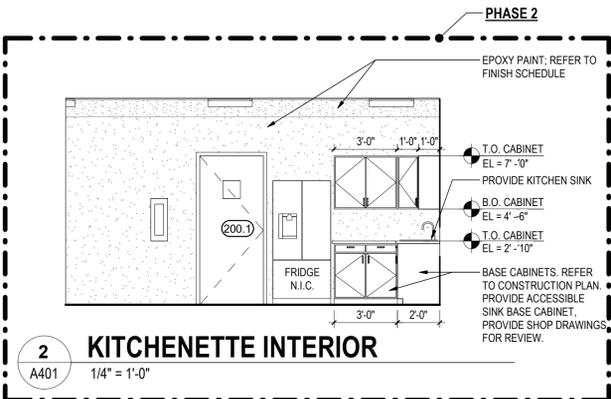
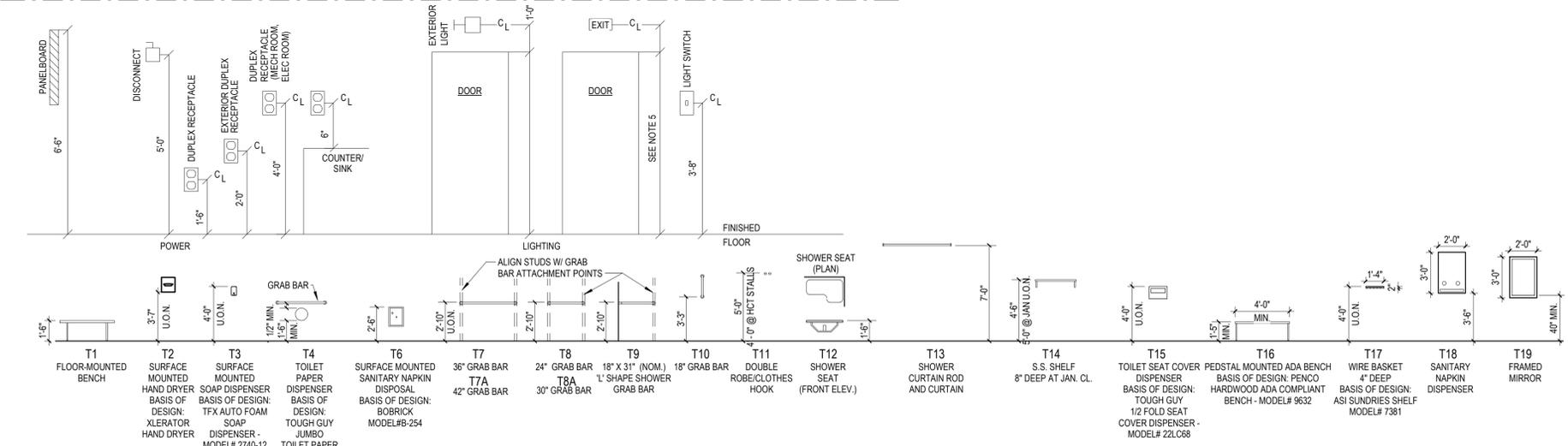
6 TYPICAL EPOXY BASE SECTION
A321 1 1/2" = 1'-0"



7 TYPICAL GYPSUM BOARD CEILING DETAIL
A321 1 1/2" = 1'-0"

ROOM FINISH SCHEDULE						
NUMBER	NAME	AREA	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH
100	VESTIBULE	95.25 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
102	LOCKER ROOM	186.99 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
102A	LOCKER ROOM	138.55 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
103	BATHROOM	152.41 SF	EPOXY	EPOXY	CERAMIC TILE	EPOXY PNT
104	J.C.	18.07 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
105	J.C.	14.00 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
105	BOILER ROOM	102.57 SF	N/A	N/A	N/A	N/A
106	ELECTRICAL	32.24 SF	N/A	N/A	N/A	N/A
108	BATHROOM	152.37 SF	EPOXY	EPOXY	CERAMIC TILE	EPOXY PNT
109	LOCKER ROOM	188.05 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
109A	LOCKER ROOM	137.45 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
111	STORAGE	25.18 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
112	ADA LIFT	24.63 SF	N/A	N/A	EPOXY PNT	EPOXY PNT
200	MEETING ROOM	208.77 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
201	ADA RESTROOM	60.31 SF	EPOXY	EPOXY	CERAMIC TILE	EPOXY PNT
202	REFEREE LOCKER RM.	157.68 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
203	OFFICE	153.67 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT
204	OFFICE	125.17 SF	EPOXY	EPOXY	EPOXY PNT	EPOXY PNT

PHASE 2

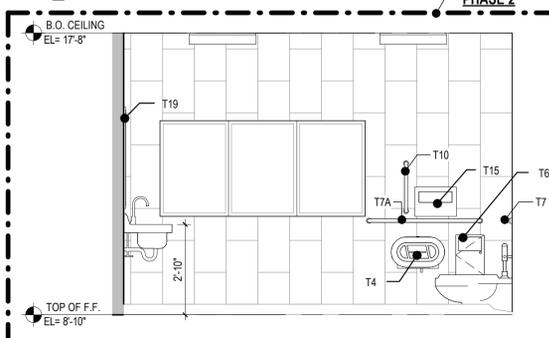


TOILET ACCESSORIES

- NOTE:
- ALL DIMENSIONS INDICATED ARE TO FACE OF FINISH MATERIAL (i.e. CERAMIC TILE)
 - IN LOCATIONS WHERE SIMILAR DEVICES ARE MOUNTED AT THE SAME HEIGHT DEVICES SHALL BE PROPERLY "SPACED" AND SHALL HAVE A SINGLE COVERPLATE.
 - IN LOCATIONS WHERE DIFFERENT DEVICES ARE MOUNTED AT DIFFERENT HEIGHTS WITHIN FOUR FEET OF ONE ANOTHER, DEVICES SHALL BE MOUNTED SUCH THAT THEY HAVE A COMMON CENTERLINE. IF THERE ARE THREE OR MORE DEVICES, THE CONTRACTOR SHALL REQUEST A DETAIL FROM THE ARCHITECT.
 - COORDINATE POWER FEED TO EQUIPMENT WITH EQUIPMENT POWER FEED LOCATION.
 - ALL DEVICES ABOVE DOOR TO BE 1'-0" ABOVE TOP OF DOOR FRAME.
 - COORDINATE WITH DOOR FRAME AND DOOR.

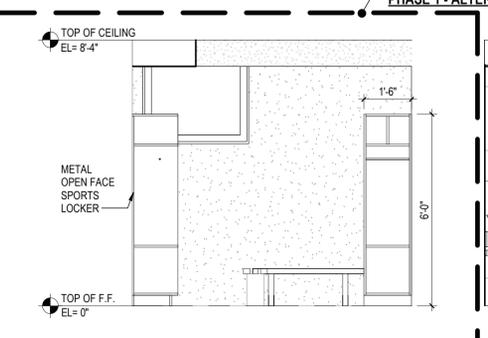
1 ADA MOUNTING HEIGHTS

A401 3/16" = 1'-0"



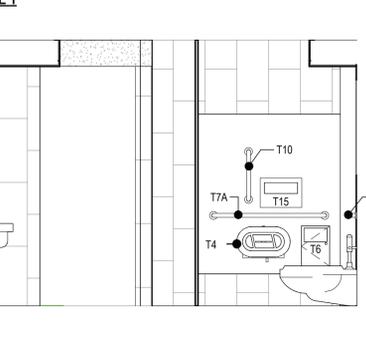
3 FIRST FLOOR RESTROOM

A401 3/8" = 1'-0"



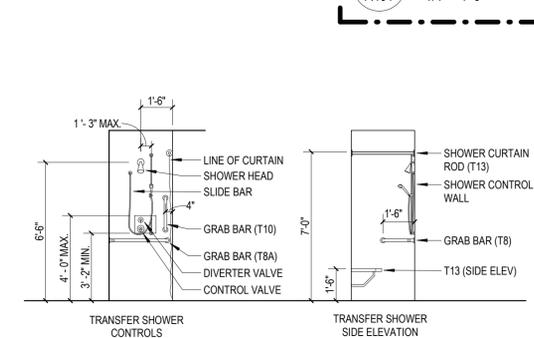
4 LOCKER ROOM WEST ELEVATION

A401 3/8" = 1'-0"



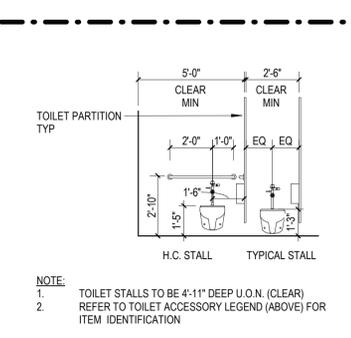
5 ADA STALL

A401 3/8" = 1'-0"



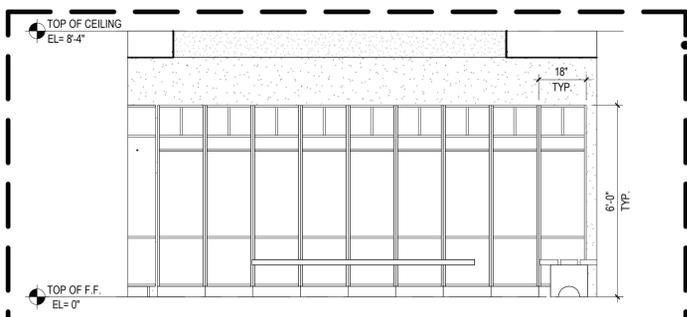
6 TYPICAL HC SHOWER ELEVATIONS

A401 1/4" = 1'-0"



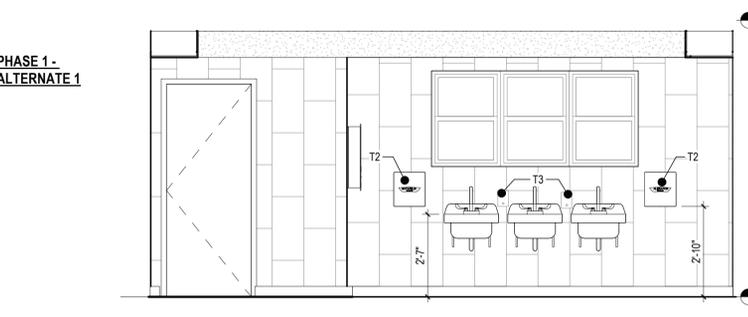
7 TYPICAL TOILET STALL ELEVATION

A401 1/4" = 1'-0"



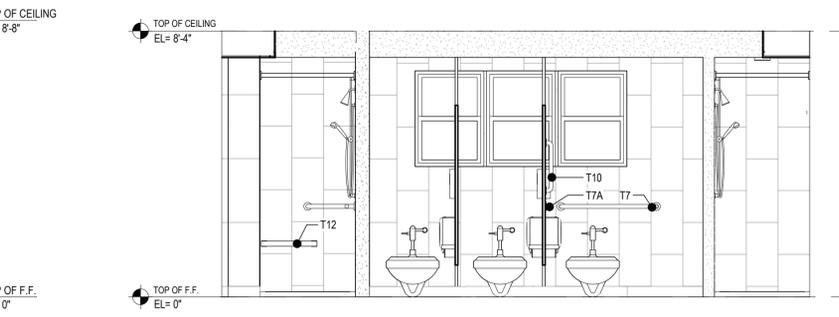
8 LOCKER ROOM NORTH INTERIOR ELEVATION

A401 3/8" = 1'-0"



9 BATHROOM NORTH INTERIOR ELEVATION

A401 3/8" = 1'-0"



10 BATHROOM SOUTH INTERIOR ELEVATION

A401 3/8" = 1'-0"

Revision	By	Appd	YYYY.MM.DD

ISSUED FOR REBID	AC	AJP	2022.01.12
ISSUED FOR BID	CVR	AJP	2020.01.15
Issued	By	Appd	YYYY.MM.DD
File Name: N/A	Author	Designer	Checker
	Dwn.	Dgn.	Chkd.
			YYYY.MM.DD



Client/Project
NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE.
NEW ROCHELLE, NY 10801

Title
INTERIOR ELEVATIONS

Project No.	Scale
191506465	As Indicated
Revision	Drawing No.

A401

ELECTRICAL SYMBOL LIST

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

Table with 2 columns: SYMBOL and DESCRIPTION. Lists various electrical symbols and their corresponding descriptions, such as 20A, 125V DECORA STYLE DUPLEX RECEPTACLE, CIRCUIT BREAKER, and various conduit types.

LIGHTING CONTROL SYMBOL LIST

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

Table with 2 columns: SYMBOL and DESCRIPTION. Lists lighting control symbols and descriptions, including single pole line voltage switches, dimmer switches, and occupancy sensors.

ELECTRICAL ABBREVIATIONS

(NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

Table with 4 columns: ABBREVIATION, UNIT, UNIT, UNIT. Lists electrical abbreviations such as AMPERE, ABOVE COUNTER, ABOVE FINISHED FLOOR, etc.

ELECTRICAL DRAWING LIST

Table with 2 columns: SHEET NUMBER and SHEET TITLE. Lists drawing sheets and their titles, including ELECTRICAL COVER PAGE, ELECTRICAL NOTES, and various floor plans.

ELECTRICAL POWER NOTES

- A. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS AND ARCHITECT IN FIELD FOR EXACT LOCATION, QUANTITY AND ELEVATION OF RECEPTACLE OUTLETS PRIOR TO INSTALLATION.
B. RECEPTACLES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH DEVICE.
C. ALL RECEPTACLES SPECIFIED FOR PERSONAL COMPUTERS, LASER PRINTERS AND SIMILAR TYPES OF EQUIPMENT SHALL BE PROVIDED WITH A SEPARATE NEUTRAL AND GROUND CONDUCTOR.

NEW YORK STATE CODES & STANDARDS

- 2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL PLUMBING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FUEL GAS CODE
2017 NYS UNIFORM CODE SUPPLEMENT
LOCAL FIRE DEPARTMENT/FIRE MARSHAL
ALL OTHER LOCAL AUTHORITIES HAVING JURISDICTION

NEW YORK STATE ENERGY CODES

- 2015 INTERNATIONAL ENERGY CONSERVATION CODE
2013 ASHRAE 90.1
2016 SUPPLEMENT TO THE NEW YORK STATE ENERGY CONSERVATION CODE (REVISED AUGUST 2016)

LOCAL CODES

- NEW ROCHELLE MUNICIPAL CODE

REFERENCED STANDARDS

APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE AND LOCAL CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.

- 2013 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
2013 NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
2013 NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
2014 NFPA 70 - NATIONAL ELECTRICAL CODE
2013 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE

PROFESSIONAL STATEMENT

TO THE BEST OF OUR KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2016 SUPPLEMENT TO THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE.

ELECTRICAL LIGHTING NOTES

- A. FOR EXACT LOCATION, QUANTITY AND ELEVATION OF LIGHTING FIXTURES AND SWITCHES REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE WITH ARCHITECT IN THE FIELD.
B. LIGHTING FIXTURES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH FIXTURE.
C. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.



Stantec Consulting Services Inc.
135 Engineers Road Suite 200
Houppauge, NY 11788-4018
Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Table with 4 columns: Description, By, Appd, Date. Revision table with 5 empty rows.

Table with 4 columns: Description, By, Appd, Date. Revision table with 5 empty rows.

Table with 4 columns: Description, By, Appd, Date. Revision table with 5 empty rows.

Table with 4 columns: Description, By, Appd, Date. Revision table with 5 empty rows.

Permit/Seal



Client/Project Logo



Client/Project
NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE.
NEW ROCHELLE, NY 10801

Title
ELECTRICAL COVER PAGE

Table with 2 columns: Project No., Scale, Revision, Drawing No. Values: 191506465, NONE, Drawing No.

E-001

V:\2200\ACTIVE\191506465\DESIGN\DRAWINGS\NEW ROCHELLE\1923 BLDG RENO FLOWER PARK\SHEETS\191506465_E-001 E000.DWG
Averton, Alvin
1/29/2021 2:29 PM
ORIGINAL SHEET - ARCH D



Stantec Consulting Services Inc.
135 Engineers Road Suite 200
Hauppauge, NY 11788-4018
Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

PANEL DESIGNATION : EP5
VOLTAGE 120/240 V
PHASE 1 Ø
WIRE 3 W + G
NEUTRAL 100%
SCC RATING (SYM) 42 K.A.I.C.
QUANTITY OF POLES 42
MAIN CIRCUIT BREAKER 200 A
MAIN BUS 200 A
SURFACE MOUNTED X
FEED THROUGH LUGS X
NEMA 1 ENCLOSURE X
GROUND BUS X
REMARKS : EXISTING

Table with columns: CKT #, TRIP, LOAD DESCRIPTION, ØA (VA), ØB (VA), LOAD DESCRIPTION, TRIP, CKT #. Includes rows for Bathroom Heaters, HWP-1, GFI Recs, HEATER, SPARE, EXAM TABLE REC, ADA LIFT, ACCU-HP-1, and FAN. Summary rows at bottom show total connected and demand loads.

ELECTRICAL KEY NOTES:

- 1 ELECTRICAL CONTRACTOR SHALL PROVIDE (31) 20A/1P CIRCUIT BREAKERS IN EXISTING PANEL. MATCH EXISTING TYPE AND KAIC RATING.
2 ELECTRICAL CONTRACTOR SHALL PROVIDE (1) 30A/2P CIRCUIT BREAKER IN EXISTING PANEL. MATCH EXISTING TYPE AND KAIC RATING.
3 ELECTRICAL CONTRACTOR SHALL PROVIDE (2) 20A/2P CIRCUIT BREAKERS IN EXISTING PANEL. MATCH EXISTING TYPE AND KAIC RATING.

Revision table with columns: Revision, By, Appd, YYYY.MM.DD

Revision By Appd YYYY.MM.DD

ISSUED FOR PERMITS TR KF 2022.01.12
ISSUED FOR BID TR KF 2020.01.15
Issued By Appd YYYY.MM.DD

File Name: N/A TR TR KF -
Dwn. Dgn. Chkd. YYYY.MM.DD

Permit/Seal



Client/Project Logo



Client/Project

NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE,
NEW ROCHELLE, NY 10801

Title
ELECTRICAL PANEL SCHEDULE

Project No. 191506465
Scale NONE

Revision Drawing No.

E-301

ELECTRICAL SPECIFICATIONS

PART 1 - GENERAL:

1.1 SCOPE OF WORK:

FURNISH ALL REQUIRED LABOR, MATERIALS, EQUIPMENT AND CONTRACTOR'S SERVICES NECESSARY FOR THE COMPLETE INSTALLATION OF ELECTRICAL ITEMS AS INDICATED ON THE DRAWINGS, INCLUDED BUT NOT LIMITED TO THE FOLLOWING:

- A. DEMOLITION AND REMOVAL OF ELECTRICAL EQUIPMENT AS REQUIRED INCLUDING ALL CONDUCTORS AND CONDUIT BACK TO ITS SOURCE.
B. INSTALLATION OF LIGHT FIXTURES AND LAMPS INCLUDING EXIT AND EMERGENCY LIGHTING.
C. INSTALLATION OF WALL SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, ETC.
D. INSTALLATION OF NEW RACEWAY AND CONDUCTORS FOR LIGHTING AND POWER.
E. CUTTING, CHANNELLING AND CHASING REQUIRED TO ACCOMMODATE THE INSTALLATION OF ELECTRICAL WORK AND ROUGH PATCHING.
F. ADDITION AND/OR MODIFICATION OF EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT.
G. INSTALLATION OF HVAC POWER WIRING AND FINAL CONNECTIONS TO HVAC EQUIPMENT.
H. INSTALLATION OF CONDUIT, JUNCTION BOXES, PULL BOXES, ETC. REQUIRED FOR THE AFOREMENTIONED EQUIPMENT.
I. MAINTENANCE OF PROPER OPERATION OF EXISTING BASE BUILDING SYSTEMS WITHIN THE CONTRACT AREA IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING.
J. TEMPORARY LIGHT AND POWER DURING CONSTRUCTION.
K. GROUNDING OF ALL EQUIPMENT AS REQUIRED BY CODE.
L. MODIFICATION OF EXISTING FIRE ALARM SYSTEM.

1.2 INTERPRETATION OF DOCUMENTS:

- A. AS USED IN THE DRAWINGS AND SPECIFICATIONS FOR ELECTRICAL WORK, CERTAIN NON-TECHNICAL WORDS SHALL BE UNDERSTOOD TO HAVE SPECIFIC MEANINGS AS FOLLOWS REGARDLESS OF INDICATIONS TO THE CONTRARY IN THE GENERAL CONDITIONS OF OTHER DOCUMENTS GOVERNING THE ELECTRICAL WORK.
1. "ELECTRICAL CONTRACTOR," "THIS CONTRACTOR," - THE PARTY OR PARTIES WHO HAVE BEEN DULY AWARDED THE CONTRACT FOR AND ARE THEREBY MADE RESPONSIBLE FOR THE ELECTRICAL WORK AS DESCRIBED HEREIN.
2. "THIS CONTRACT," "THE CONTRACT" - THE AGREEMENT COVERING THE WORK TO BE PERFORMED BY THIS CONTRACTOR.
3. "EQUAL," "SATISFACTORY," "ACCEPTED," "ACCEPTABLE" "EQUIVALENT" - ACCEPTABLE FOR USE ON THE PROJECT, AS DETERMINED BY THE ENGINEER BASED ON DOCUMENTS PRESENTED FOR SUCH DETERMINATION.
4. "THESE SPECIFICATIONS," "THIS SECTION, PART, DIVISION" (OF THE SPECIFICATION) - THE DOCUMENT SPECIFYING THE WORK TO BE PERFORMED BY THIS CONTRACTOR.
5. "THE ELECTRICAL WORK," "THIS WORK" - ALL LABOR MATERIALS, EQUIPMENT APPARATUS, CONTROLS, ACCESSORIES, AND OTHER ITEMS REQUIRED FOR A PROPER AND COMPLETE INSTALLATION BY THE ELECTRICAL CONTRACTOR.
6. "ARCHITECT," "ENGINEER," "OWNER'S REPRESENTATIVE" - THE PARTY OR PARTIES RESPONSIBLE FOR INTERPRETING, ACCEPTING AND OTHERWISE RULING ON THE PERFORMANCE UNDER THIS CONTRACT.
7. "FURNISH" - PURCHASE AND DELIVER TO THE PROJECT SITE COMPLETE WITH EVERY NECESSARY APPURTENANCE AND SUPPORT, ALL AS PART OF THE ELECTRICAL WORK.
8. "INSTALL" - UNLOAD AT THE DELIVERY POINT AT THE SITE AND PERFORM EVERY OPERATION NECESSARY TO ESTABLISH SECURE MOUNTING AND CORRECT OPERATION AT THE PROPER LOCATION IN THE PROJECT, ALL AS PART OF THE ELECTRICAL WORK.
9. "PROVIDE" - "FURNISH" AND "INSTALL."
10. "NEW" - MANUFACTURED WITHIN THE PAST TWO YEARS AND NEVER BEFORE USED.

1.3 GENERAL REQUIREMENTS:

- A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES, REGULATIONS, BUILDING STANDARDS AND THE BEST PRACTICES OF THE TRADE FOR INSTALLATION OF ELECTRICAL WORK.
B. THE ELECTRICAL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, LOCAL CODES/REQUIREMENTS, STANDARD OF THE NATIONAL BOARD OF UNDERWRITERS, OSHA AND ALL AUTHORITIES HAVING JURISDICTION. WORK SHALL ALSO COMPLY WITH APPLICABLE BUILDING RULES AND REGULATIONS. THE BUILDING RULES AND REGULATIONS WHERE MORE STRINGENT THAN THIS SPECIFICATION, SHALL TAKE PRECEDENCE OVER THE SPECIFICATION UNLESS OTHERWISE NOTED. THIS CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF THE REGULATIONS PRIOR TO SUBMISSION OF BID. THE CONTRACTOR SHALL SECURE ALL CERTIFICATES OF REQUIRED ORDINANCES, AND DELIVER THEM TO THE OWNER'S REPRESENTATIVE.

- C. THE CONTRACTOR SHALL VISIT AND EXAMINE CAREFULLY THE AREAS AFFECTED BY THIS WORK TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND WITH DIFFICULTIES THAT WILL ATTEND THE EXECUTION OF THIS WORK. THE CONTRACTOR SHALL PERFORM THIS PRIOR TO SUBMITTING HIS PROPOSAL. THIS WILL BE CONSIDERED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE, AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT, OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
D. UPON REVIEW OF ELECTRICAL DRAWINGS AND PRIOR TO SUBMITTING HIS PROPOSAL, THE ELECTRICAL CONTRACTOR SHALL INFORM THE ARCHITECT AND/OR ENGINEER OF ANY DISCREPANCIES OR REQUEST CERTIFICATION, IF NECESSARY, CONCERNING THE INTENT OF THE PLANS AND SPECIFICATIONS TO PROVIDE A COMPLETE ELECTRICAL INSTALLATION. WHERE ANY INFORMATION OR DIRECTION IS CONFLICTING BETWEEN THIS SPECIFICATION AND THE DRAWINGS OR BETWEEN DIFFERENT SPECIFICATION SECTIONS, OR BETWEEN DIFFERENT DRAWINGS AND CLARIFICATION CANNOT BE OBTAINED, THE MORE EXPENSIVE AND STRINGENT REQUIREMENT OR DIRECTION SHALL BE ADHERED TO. LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS SHOULD THIS PROCEDURE NOT BE FOLLOWED.
E. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS WHOSE WORK MIGHT AFFECT THIS INSTALLATION. CONTRACTOR SHALL ARRANGE ALL PARTS OF THIS WORK AND EQUIPMENT IN PROPER RELATION TO THE WORK AND EQUIPMENT OF OTHERS AND WITH BUILDING CONSTRUCTION AND ARCHITECTURAL FINISH SO THAT IT WILL HARMONIZE IN SERVICE AND APPEARANCE.
F. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL LIGHTING FIXTURES, RECEPTACLES, ETC., SHALL BE DETERMINED FROM THE ARCHITECTURAL DRAWINGS.
G. THE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR, THE ARCHITECT AND THE OWNER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS. UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING MANAGEMENT.
H. WHERE PANELBOARDS, SWITCHES, CIRCUIT BREAKERS, TRANSFORMERS, ETC. ARE EXISTING TO BE REUSED THE CONTRACTOR SHALL CLEAN AND REFURBISH THE EQUIPMENT. THIS SHALL INCLUDE TIGHTENING ALL CONNECTIONS, REPLACING DEFECTIVE MECHANISMS, EXERCISING MECHANISMS AND PROVIDING ANY MISCELLANEOUS COMPONENTS SO THE EQUIPMENT IS IN FIRST CLASS WORKING ORDER. ALL TRANSFORMER WINDINGS SHALL BE MEGGER TESTED.

PART 2 - PRODUCTS

2.1 PANELBOARDS:

- A. PANELBOARD BOX SHALL BE MADE OF SHEET STEEL "BENT-UP" OR RIVETED OR BOLTED TOGETHER WITH EXTERIOR ANGLE IRON FRAME. BOX SHALL BE OF SUFFICIENT SIZE TO ALLOW A GUTTER AT LEAST 5-3/4" IN WIDTH ENTIRELY SURROUNDING EACH SECTION OF BOARD. INCREASE SIZE TO ACCOMMODATE FEEDER SIZE. PANELBOARDS SHALL BE SURFACE OR FLUSH TYPE AS NOTED ON THE DRAWINGS. PANEL BOXES SHALL BE GIVEN TWO COATS OF GREY ENAMEL PAINT.
B. PROVIDE CODE GAUGE STEEL DOORS AND TRIMS (DOOR WITHIN A DOOR) FOR ALL PANELBOARD BOXES.
C. TRIMS SHALL BE ATTACHED DIRECTLY TO BOX BY A FULL LENGTH PIANO HINGE. PROVIDE LOCKS AND KEYS.
D. PANEL BUS BARS SHALL BE COPPER PROPORTIONED FOR A CURRENT DENSITY OF 1000 AMPERES PER SQUARE INCH OF CROSS-SECTIONAL AREA. PROVIDE A COPPER GROUND BAR IN EACH PANEL. PROVIDE AN ISOLATED GROUND BAR IN PANELS AS INDICATED ON PANEL SCHEDULES.
E. PANELS SHALL BE PROVIDED WITH NEUTRAL BARS SIZED AT 200% OF THE PHASE BUS BARS AS CALLED FOR ON PANEL SCHEDULES.
F. A TYPEWRITTEN LIST OF CIRCUITS SHOWING CLEARLY THE LOADS SUPPLIED BY EACH CIRCUIT SHALL BE INSTALLED ON THE INSIDE OF EACH PANELBOARD DOOR. THIS LIST SHALL BE MOUNTED IN A STEEL FRAME UNDER A PLASTIC WINDOW. EACH PANEL SHALL BE EXTERNALLY TAGGED WITH PERMANENT LAMACOID PLATE INDICATING PANEL IDENTIFICATION AND VOLTAGE.
G. PHASE LEGS OF ALL PANELS SHALL BE BALANCED AT SUPPLY POINT. ANY PANEL FOUND WITH UNBALANCED LOADS SHALL HAVE ITS CIRCUITS REARRANGED AS REQUIRED TO BALANCE PHASE LEGS WITHIN 10%.
H. PANELS SHALL BE AS MANUFACTURED BY WESTINGHOUSE, GENERAL ELECTRIC OR SQUARE "D" OR APPROVED EQUAL.

2.2 DISCONNECT SWITCHES:

- A. UNLESS OTHERWISE NOTED, DISCONNECT SWITCHES SHALL BE "QUICK-MAKE, QUICK-BREAK," HEAVY DUTY TYPE IN NEMA 1 ENCLOSURES FUSED OR UNFUSED AS INDICATED ON THE DRAWINGS. PROVIDE ALL FUSES AS REQUIRED. PROVIDE WEATHERPROOF DISCONNECT SWITCHES WHERE INSTALLED OUTDOORS OR AS INDICATED ON DRAWINGS.
B. DISCONNECT SWITCHES SHALL BE AS MANUFACTURED BY ITE, WESTINGHOUSE, GENERAL ELECTRIC, OR SQUARE "D".

2.3 CIRCUIT BREAKERS:

- A. CIRCUIT BREAKERS SHALL BE BOLTED TO THE PANELBOARD BUS BARS. WHERE CIRCUIT BREAKERS ARE INSTALLED IN EXISTING PANELBOARDS, BREAKERS SHALL BE OF THE SAME MANUFACTURER AND BE COMPATIBLE WITH EXISTING PANELBOARD.

- B. CIRCUIT BREAKERS SHALL BE QUICK-MAKE, QUICK-BREAK WITH NON-WELDING CONTACTS COMPENSATED FOR AMBIENT TEMPERATURES AND SHALL HAVE A MINIMUM SHORT CIRCUIT RATING OF 10,000 AMPERES SYMMETRICAL FOR 120/280V PANELS AND 14,000 AMPERES SYMMETRICAL FOR 277/480V PANELS OR HIGHER WHERE NOTED.
C. CIRCUIT BREAKERS SHALL BE OF THE "THERMAL-MAGNETIC" TYPE HAVING A BIMETALLIC ELEMENT FOR TIME DELAY OVERLOAD PROTECTION AND A MAGNETIC ELEMENT FOR SHORT CIRCUIT PROTECTION.
D. THE CIRCUIT BREAKER SHALL BE CONTAINED IN AN INDIVIDUAL CASE ENCLOSING ONLY THE NUMBER OF POLES REQUIRED FOR THE PARTICULAR BREAKER.
E. ANY CIRCUIT BREAKER MADE AVAILABLE DUE TO DEMOLITION SHALL BE DESIGNATED AS SPARE ON PANELBOARD DIRECTORIES.
F. CIRCUIT BREAKERS SHALL BE AS MANUFACTURED BY ITE, WESTINGHOUSE, GENERAL ELECTRIC, OR SQUARE "D".

2.4 FUSES:

- A. FUSES SHALL BE CURRENT LIMITING TYPE WITH A MINIMUM INTERRUPTING CAPACITY OR 200,000 RMS AMPERES AND OF THE CONTINUOUS CURRENT RATINGS AS SHOWN ON THE DRAWINGS.
B. THEY SHALL HAVE AVERAGE MELTING TIME-CURRENT CHARACTERISTICS TO MEET THE UNDERWRITERS' LABORATORIES REQUIREMENTS FOR "CLASS K" 0-600 AMP FUSES AND "CLASS L" OVER 600 AMP FUSES. FUSES SHALL BE AS MANUFACTURED BY BUSSMAN OR SHAWMUTT.

2.5 RACEWAYS:

- A. ALL WIRES SHALL BE RUN IN CONDUIT AS SPECIFIED HEREINAFTER, EACH LENGTH OF CONDUIT SHALL BEAR THE MAKER'S TRADEMARK OR STAMP. THE PLANS INDICATE THE GENERAL LOCATION OF OUTLET BOXES AND CIRCUITING. THE CONDUIT RUNS FOR THESE CIRCUITS MAY BE MODIFIED AT THE TIME OF INSTALLATION TO ADAPT SAME TO BUILDING CONSTRUCTION.
B. FOR ALL SIZES OF CONDUIT LARGER THAN 1-1/2", USE STANDARD ELBOWS; IN SMALLER SIZES, FLEX BENDS WILL BE PERMITTED INSTEAD OF USING MANUFACTURED ELBOWS BUT CARE MUST BE TAKEN NOT TO DAMAGE THE CONDUIT. THE RADIUS OF THE INNER CURVE OF ANY BEND SHALL NOT BE ANY LESS THAN THAT PERMITTED BY CODE.
C. CONDUIT SHALL BE SECURELY FASTENED IN PLACE AND HANGERS, SUPPORTS OR FASTENINGS SHALL BE PROVIDED AT EACH ELBOW AND AT EACH END OF EACH STRAIGHT RUN TERMINATED AT A BOX OR CABINET. WHERE RISER CONDUITS PIERCE FLOOR SLABS, THEY SHALL REST ON EACH FLOOR WITH APPROVED BEAM CLAMPS, PIPE STRAPS OR HEAVY IRON TIES WIRED TO THE STRUCTURAL MEMBERS SUPPORTING EQUIPMENT. SIZE AND TYPE OF ANCHOR SHALL BE BASED ON THE COMBINED WEIGHTS OF CONDUIT, HANGER AND CABLES. ALL HANGERS AND RODS SHALL BE PAINTED WITH ONE COAT OF ENAMEL.
D. INSTALL CONDUIT EXPANSION FITTINGS IN EACH CONDUIT RUN WHEREVER IT CROSSES AN EXPANSION JOINT AND WHEREVER THE CONDUIT LENGTH EXCEEDS 200 FEET. EXPANSION FITTINGS AS MANUFACTURED BY OZ/GEDNEY.
E. RUNNING THREADS SHALL NOT BE USED. WHERE CONDUIT WITH TAPERED THREADS CANNOT BE COUPLED WITH STANDARD CONDUIT COUPLINGS, O.Z./GEDNEY SPLIT COUPLINGS, OR ERICKSON COUPLINGS SHALL BE USED.
F. LAY OUT AND INSTALL ALL CONDUIT RUNS TO AVOID PROXIMITY TO STEAM AND HOT WATER PIPES. DO NOT RUN CONDUIT WITHIN THREE INCHES OF SUCH PIPES EXCEPT WHERE CROSSINGS ARE UNAVOIDABLE, THEN THE CONDUIT SHALL BE KEPT AT LEAST 1 INCH FROM THE COVERING OF THE PIPE CROSSING.
G. FEEDERS AND BRANCH CIRCUITRY ABOVE HUNG CEILING AND IN PARTITIONS SHALL BE RUN IN ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO MOTORS, LIGHT FIXTURES, ETC. MAY BE DONE WITH FLEXIBLE METALLIC CONDUIT (NO LONGER THAN SIX FEET).
H. ALL CONDUIT IN MECHANICAL ROOMS, ELECTRICAL CLOSETS AND WHERE CONCEALED IN CONCRETE SHALL BE RIGID THREADED REGARDLESS OF SIZE.
I. ELECTRIC METALLIC TUBING SHALL BE INDUSTRY STANDARD THIN WALL CONDUIT, EMT SHALL BE HOT DIPPED GALVANIZED STEEL ONLY. IT SHALL NOT BE LESS THAN 3/4" TRADE SIZE. IT SHALL BE USED FOR TRADE SIZE UP TO 4" UNLESS OTHERWISE NOTED.
J. FLEXIBLE METALLIC CONDUIT SHALL BE OF THE GROUNDING TYPE. IT SHALL CONSIST OF GALVANIZED STEEL TAPS FORMED INTO AN INDUSTRY STANDARD INTERLOCKING COIL. IT SHALL NOT BE LESS THAN 3/4" TRADE SIZE.
K. RIGID METAL CONDUIT SHALL BE INDUSTRY STANDARD STEEL CONDUIT. IT SHALL NOT BE LESS THAN 3/4" TRADE SIZE. STEEL CONDUIT SHALL BE HOT DIPPED GALVANIZED. IT SHALL BE USED FOR TRADE SIZE GREATER THAN 4" UNLESS OTHERWISE NOTED.

2.6 WIRE AND CABLE:

- A. METAL CLAD CABLE (TYPE MC) FOR CONCEALED BRANCH CIRCUITRY MAY BE USED WHEN AN ALTERNATE PRICE IS SUBMITTED FOR ITS USE AND WHEN WRITTEN APPROVAL IS GIVEN TO THE CONTRACTOR FROM THE BUILDING OWNER AND ENGINEER. IT SHALL ONLY BE INSTALLED WHERE PERMITTED BY CODE. ARMORED CABLE SHALL BE AS MANUFACTURED BY AFC OR APPROVED EQUAL.
B. ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN INSULATED. ALL CONDUCTORS SHALL HAVE 600 VOLT RATED INSULATION UNLESS OTHERWISE NOTED.
C. THE MINIMUM WIRE SIZE FOR BRANCH CIRCUITS SHALL BE NO. 12 AWG EXCEPT 120 VOLT CIRCUITS OVER 100' IN LENGTH SHALL BE NO. 10 AWG.
D. UNLESS SPECIFIED OTHERWISE, ALL WIRES #10 AWG AND SMALLER SHALL BE SOLID, CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED.
E. FACTORY COLOR CODING SHALL BE AS FOLLOWS:

120/208 VOLT SYSTEM: PHASE 'A' - BLACK, PHASE 'B' - RED, PHASE 'C' - BLUE, NEUTRAL - WHITE, EQUIPMENT GROUND - GREEN.

277/480 VOLT SYSTEM: PHASE 'A' - BROWN, PHASE 'B' - YELLOW, PHASE 'C' - ORANGE, NEUTRAL - WHITE, EQUIPMENT GROUND - GREEN.

- F. INSTALL AND CONNECT UP COMPLETE CONDUCTORS FOR ALL CIRCUITS AND WIRING SYSTEMS (NOT MORE THAN A SINGLE 3 CIRCUIT HOMERUN IN A CONDUIT) UNLESS OTHERWISE NOTED.
G. NO CONDUCTORS SHALL BE PULLED INTO ANY CONDUIT RUN BEFORE ALL CONDUIT JOINTS ARE MADE UP TIGHTLY, AND THE ENTIRE RUN IS SECURED IN PLACE. WHEN REQUIRED TO EASE THE PULLING OF WIRES INTO CONDUIT, USE POWDERED SOAPSTONE, MINERALALLAC #100 OR APPROVED EQUAL BY THOMAS AND BETTS.
H. TAG ALL FEEDERS IN ALL PULL BOXES, GUTTER SPACES, AND WIREWAYS THROUGH WHICH THEY PASS.
I. LEAVE ALL WIRES WITH SUFFICIENT SLACK AT TERMINAL ENDS FOR CONVENIENT LOCATIONS TO DEVICES AND FOR CONVENIENT SERVICING.
J. MAKE SPLICES IN FEEDER TAPS IN PANEL BOX GUTTERS WITH PRESSURE TYPE CONNECTORS - BURNDY, NEPCO, OR O.Z./GEDNEY WITH COMPOSITION INSULATING COVERS.
K. SPLICES IN BRANCH WIRING SHALL BE TWISTED AND MADE MECHANICALLY TIGHT; THEN SECURED WITH 3M, SCOTCHLOCK OR THOMAS AND BETTS PIGTAIL CONNECTORS, CRIMP TYPE CONNECTORS SHALL NOT BE USED.
L. SUPPORT CONDUCTORS IN VERTICAL RACEWAYS AT THE TOP OF ANY RACEWAY LONGER THAN 20 FEET. INCLUDE ADDITIONAL SUPPORTS SPACED AT INTERVALS WHICH ARE NOT GREATER THAN 40 FEET. SUPPORT SHALL BE O.Z./GEDNEY TYPE R.
M. WIRE AND CABLE SHALL BE MANUFACTURED BY ROME, PHELPS DODGE, GENERAL CABLE, SIMPLEX, GENERAL ELECTRIC CO. OR ANACONDA.

2.7 DEVICES:

- A. WIRING DEVICES SHALL BE SPECIFICATION GRADE UNLESS OTHERWISE NOTED. ALL DEVICES SHALL BE FLUSH MOUNTED UNLESS OTHERWISE NOTED. REFER TO SYMBOL LIST.
B. SINGLE POLE SWITCHES SHALL BE 120/277 VOLTS, RATED AT 20 AMPERES, QUIET OPERATION TYPE. FINISH OF TOGGLE AND DEVICE PLATE AS DIRECTED BY ARCHITECT.
C. THREE WAY SWITCHES SHALL BE 120/277 VOLT, 20 AMPERES.
D. DIMMER SWITCHES SHALL BE LUTRON NOVA T STAR SERIES OR APPROVED EQUAL. UTILIZE NT SERIES FOR STANDARD INCANDESCENT AND NTLV SERIES FOR LOW VOLTAGE LIGHTING WHICH UTILIZE TRANSFORMERS. DIMMERS SHALL BE RATED AT 120 VOLT, WATTAGE SIZE AS REQUIRED. FINISH AS DIRECTED BY ARCHITECT. WHERE DIMMER SWITCHES ARE LOCATED NEXT TO SINGLE POLE LOCK AND TOGGLE TYPE SWITCHES, THE SINGLE POLE SWITCH SHALL MATCH THE DIMMING SWITCH STYLE.
E. SWITCH AND RECEPTACLE PLATES SHALL BE PLUMB AND SHALL FIT FLAT AGAINST THE WALL.
F. ALL SWITCH AND RECEPTACLE MOUNTING HEIGHTS AND LOCATIONS SHALL BE TAKEN FROM ARCHITECT'S DRAWING UNLESS OTHERWISE NOTED.
G. MULTIPLE DEVICES AT A COMMON LOCATION SHALL BE INSTALLED IN A COMMON MULTIGANG BOX WITH A COMMON FACEPLATE. DERATE DIMMER SWITCHES PER MANUFACTURER'S REQUIREMENTS WHEN GANGED.

2.8 PULLBOXES, JUNCTION BOXES AND OUTLET BOXES:

- A. PULLBOXES, JUNCTION BOXES AND OUTLET BOXES SHALL BE MANUFACTURED FROM GALVANIZED INDUSTRY STANDARD GAUGE SHEET STEEL.
B. PROVIDE PULL BOXES AND JUNCTION BOXES IN LONG STRAIGHT RUNS OF RACEWAY TO ASSURE THAT CABLES ARE NOT DAMAGED WHEN THEY ARE PULLED, TO FULFILL REQUIREMENTS AS TO THE NUMBER OF BENDS PERMITTED IN RACEWAY BETWEEN CABLE ACCESS POINTS, THE ACCESSIBILITY OF CABLE JOINTS AND SPLICES, AND THE APPLICATION OF CABLE SUPPORTS.
C. PULLBOXES AND JUNCTION BOXES SHALL BE SIZED SO THAT THE MINIMUM BENDING RADIUS CRITERIA SPECIFIED FOR THE WIRES AND CABLE ARE MAINTAINED.
D. SWITCH, RECEPTACLE AND WALL OUTLET BOXES SHALL BE A NOMINAL 4 INCH SQUARE, 1-1/2 INCH OR 2-1/8 INCH DEEP AS REQUIRED BY CODE WITH A RAISED COVER, UNLESS OTHERWISE INDICATED ON THE DRAWING. PROVIDE 3/8 INCH FIXTURE STUD AS REQUIRED. GANGED OUTLET BOXES SHALL BE SUFFICIENT LENGTH TO SUIT CONDITIONS.



Stantec Consulting Services Inc.
135 Engineers Road Suite 200
Houppauge, NY 11788-4018
Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Table with 4 columns: Description, By, Appd, Date. Includes rows for Revision, Issued For Bid, Issued For Bid, Issued.

Revision By Appd YYYY.MM.DD

ISSUED FOR BID TR KF 2022.01.12

ISSUED FOR BID TR KF 2020.01.15

Issued By Appd YYYY.MM.DD

File Name: N/A TR TR KF - Dwn. Dgn. Chkd. YYYY.MM.DD

Permit/Seal



Client/Project Logo



Client/Project

NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE. NEW ROCHELLE, NY 10801

Electrical Specifications

Project No. 191506465 Scale NONE

Revision Drawing No.

E-501

1923/2021 2:29 PM V:\2200\ACTIVE\191506465\DESIGN\DRAWINGS\NEW ROCHELLE 1923 BLDG RENOV FLOWER PARK\SHEETS\191506465_E-501_502.DWG

Averton, Alvin

MECHANICAL SYMBOLS - GENERAL

Table with 2 columns: Symbol and Description. Includes symbols for new piping, equipment, continuation, connection points, drawing notes, and various valves and switches.

MECHANICAL SYMBOLS - DUCTWORK

Table with 3 columns: Symbol, Description, and Notes. Covers duct sizes, round duct diameters, supply/return duct directions, acoustical lining, access doors, sloping ducts, elbows, splits, taps, registers, dampers, flexible connections, and diffusers.

MECHANICAL SYMBOL LIST - PIPING

Table with 3 columns: Symbol, Description, and Notes. Lists symbols for flow direction, elbows, connections, valves (ball, gate, globe, control), pipe guides, unions, capped pipes, strainers, pipe sleeves, condensate pumps, drain lines, refrigerant lines, and suction.

MECHANICAL ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Lists common mechanical abbreviations such as AD (Access Door), AHU (Air Handling Unit), ATC (Automatic Temperature Control), BTU (British Thermal Unit), and many others.

NEW YORK STATE CODES & STANDARDS

- 2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL PLUMBING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FUEL GAS CODE
2017 NYS UNIFORM CODE SUPPLEMENT
LOCAL FIRE DEPARTMENT/FIRE MARSHAL
ALL OTHER LOCAL AUTHORITIES HAVING JURISDICTION

NEW YORK STATE ENERGY CODES

- 2015 INTERNATIONAL ENERGY CONSERVATION CODE
2013 ASHRAE 90.1
2016 SUPPLEMENT TO THE NEW YORK STATE ENERGY CONSERVATION CODE (REVISED AUGUST 2016)

LOCAL CODES

- NEW ROCHELLE MUNICIPAL CODE

REFERENCED STANDARDS

APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE AND LOCAL CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.
2013 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
2013 NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
2013 NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
2014 NFPA 70 - NATIONAL ELECTRICAL CODE
2013 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE

PROFESSIONAL STATEMENT

TO THE BEST OF OUR KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2016 SUPPLEMENT TO THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE.

MECHANICAL DRAWING LIST

Table with 2 columns: SHEET NUMBER and SHEET TITLE. Lists sheets M-001 through M-404, including cover pages, general notes, demolition plans, ground and first floor plans, details, schedules, and specifications.



Stantec Consulting Services Inc.
135 Engineers Road Suite 200
Houppauge, NY 11788-4018
Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision table with columns for Revision, By, Appd, and Date. Includes a section for Issued/Issued For Bid with JMR, JMR, and KF initials.

Table with columns for File Name, JMR, JMR, JMR, Dwn., Dgn., Chkd., and Date. Includes a section for Issued/Issued For Bid.



Client/Project Logo



Client/Project
NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

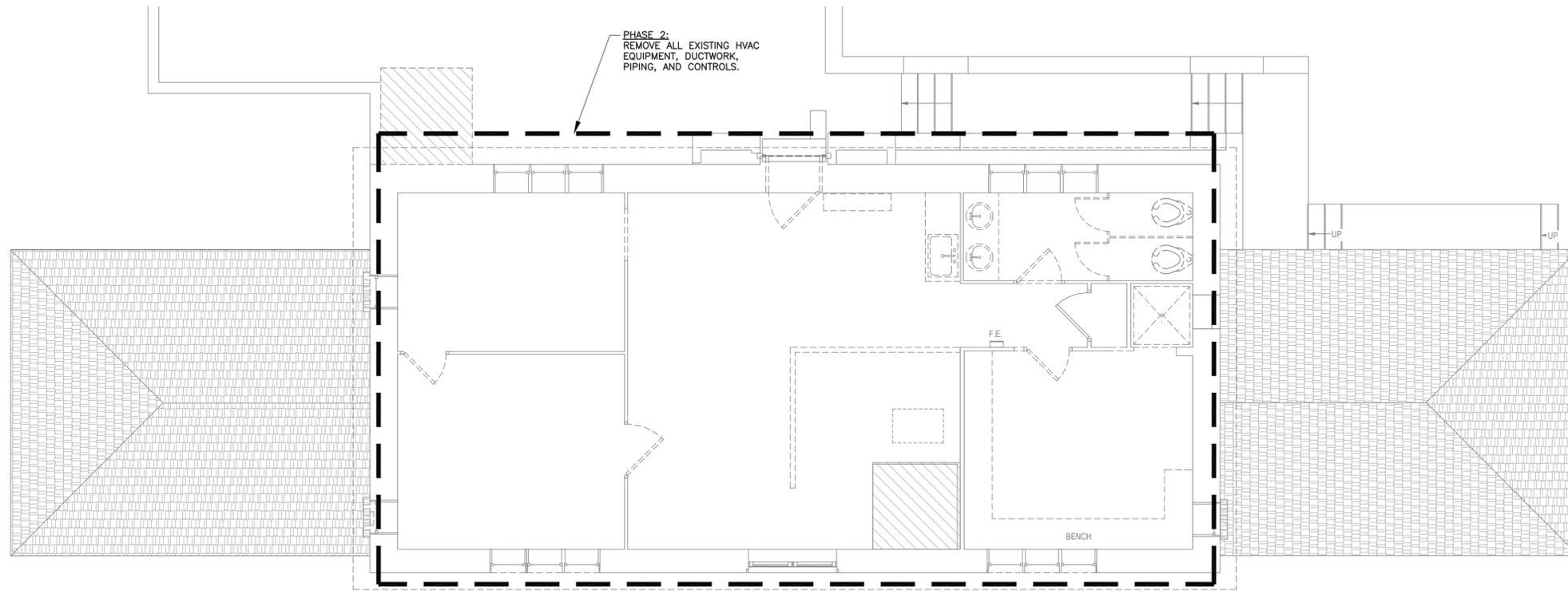
491 5TH AVE.
NEW ROCHELLE, NY 10801

Title
MECHANICAL COVER PAGE

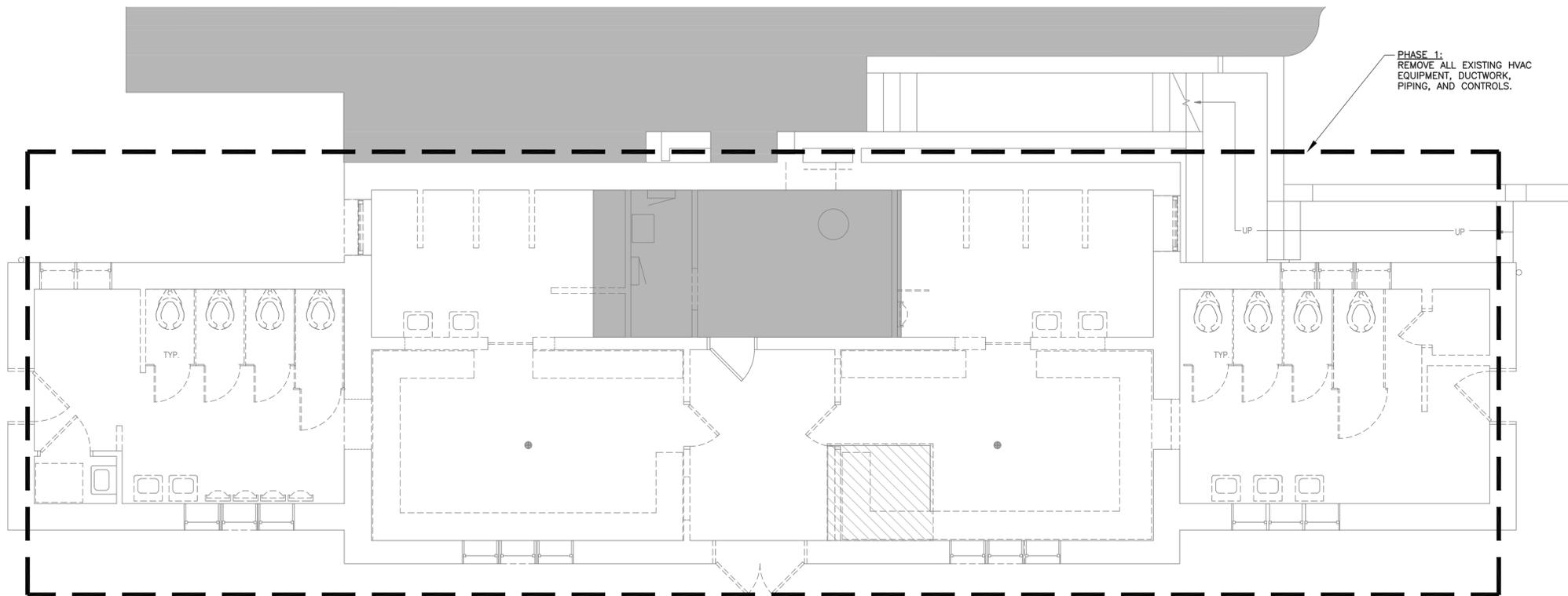
Table with 2 columns: Project No. (191506465), Scale (NONE), Revision, and Drawing No. (M-001)

M-001

V:\2200\ACTIVE\191506465\DESIGN\DRAWINGS\NEW ROCHELLE 1923 BLDG RENO FLOWER PARK\SHEETS\191506465_M-001.DWG
12/29/2021 8:24 PM
Averton, Alvin
ORIGINAL SHEET - ARCH D



2 MECHANICAL FIRST FLOOR DEMOLITION PLAN - PHASE 2
SCALE: 1/4"=1'-0"



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



Stantec Consulting Services Inc.
135 Engineers Road Suite 200
Hauppauge, NY 11788-4018
Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Revision	By	Appd	YYYY.MM.DD
ISSUED FOR PERM	JMR	KF	2022.01.12
ISSUED FOR BID	JMR	KF	2020.01.15
Issued	By	Appd	YYYY.MM.DD
File Name: N/A	JMR	KF	-
	Dwn.	Dgn.	Chkd.

Permit/Seal



Client/Project Logo



Client/Project

NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE.
NEW ROCHELLE, NY 10801

Title
MECHANICAL GROUND & FIRST
FLOOR DEMOLITION PLANS

Project No.

191506465

Revision

Scale

AS NOTED

Drawing No.

MD-101

12/29/2021 2:24 PM Avelton, Alvin V:\2200\ACTIVE\191506465\DESIGN\DRAWINGS\NEW ROCHELLE 1923 BLDG RENO FLOWER PARK\SHEETS\191506465_MD-101.DWG

ABBREVIATIONS LIST

Table with 2 columns: Abbreviation and Description. Includes items like AD (Area Drain), AFF (Above Finished Floor), BLDG (Building), BOP (Bottom of Pipe), CO (Cleanout), CODP (Cleanout Deckplate), CM (Coffee Maker), CLG (Ceiling), CONN (Connect / Connection), CONT (Continue / Continuation), CV (Check Valve), CVO (Capped Valved Outlet), CW (Domestic Cold Water), DIA (Diameter), DCD (Double Check Detector Assembly Backflow Preventer), DCV (Double Check Valve Backflow Preventer), DN (Down (Penetrates Floor Slab)), DR (Drain), DW (Dishwasher), DWG (Drawing), EX (Existing), FAI (Fresh Air Inlet), FD (Floor Drain), FL (Floor), FLS (Floor Sink), FT (Feet), FU (Fixture Unit(s)), G (Gas), GV (Gate Valve), GAL (Gallons), GPM (Gallons per Minute), GPH (Gallons per Hour), HB (Hose Bibb), HW (Domestic Hot Water), HWR (Domestic Hot Water Recirculation), IM (Ice Machine), IN (Inch), IW (Indirect Waste), JS (Janitor's Sink), LAV (Lavatory), MAX (Maximum), MB (Manufactured by), MIN (Minimum), N/A (Not Applicable), NC (Normally Closed), NIC (Not in Contract), NTS (Not to Scale), PRV (Pressure Reducing Valve), PSI (Pounds per Square Inch - Gauge), RPZ (Reduced Pressure Zone Backflow Preventer), S (Sanitary/Soil), SH (Shower), SK (Sink), SQFT (Square Feet), TYP (Typical), UN (Unless otherwise noted), UP (Penetrates Floor Slab), UR (Urinal), V (Vent), VB (Vacuum Breaker), VTR (Vent Through Roof), W (Waste), WC (Water Closet), WH (Wall Hydrant).

SYMBOL LIST

Table with 2 columns: Symbol and Description. Includes symbols for Sanitary/Soil Piping, Waste Piping, Indirect Waste Piping, Ejector Pump Discharge Piping, Sump Pump Discharge Piping, Storm Water Piping, Vent Piping, Domestic Cold Water Piping, Domestic Hot Water Piping, Domestic Hot Water Recirculation Piping, Natural Gas Piping, Arrow representing direction of flow, Piping with freeze protection cable under insulation, Buried Sanitary/Soil, Waste, Vent, or Storm Piping, Piping to be demolished, Pipe Break, Capped Outlet, Cleanout / Plugged Outlet, Fresh Air Inlet, Cleanout Deck Plate, P-Trap, Hose Bibb, Pipe Drop / Down, Pipe Rise / Up, Pipe Bottom Connection, Pipe Top Connection, Pipe Side Connection, Vacuum Breaker, Shock Arrestor, Drain, House Trap, Pump, Vent Through Roof, Water Meter, Waterproof Sleeve, Union, Pressure Gauge, Temperature Gauge, Flow Switch, Pressure Switch, Check Valve, Ball Valve, Gate Valve, Plug Valve, Mixing Valve, Outside Screw & Yoke Valve, Pressure Reducing Valve, Solenoid Valve, Gas Pressure Regulator, Wall Hydrant, Point of Disconnection from Existing Piping, Point of Connection to Existing Piping, Plumbing Riser Designation, Gas Riser Designation, Storm Riser Designation.

GENERAL NOTES

- 1. ALL REFERENCES HEREIN TO THE CONTRACTOR SHALL REFER TO THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
2. THE ENTIRE INSTALLATION SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. THE CONTRACTOR SHALL VERIFY, IN THE FIELD, THE EXACT LOCATION OF ALL EXISTING PLUMBING SYSTEMS PRIOR TO MAKING NEW CONNECTIONS TO EXISTING LINES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
3. DO NOT SCALE FROM THESE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK WITHIN A DISTANCE OF FIVE FEET FROM THE BUILDING PERIMETER.
5. DO NOT MAKE ANY CHANGES OR SUBSTITUTIONS WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER.
6. THE CONTRACTOR SHALL REFER TO WRITTEN SPECIFICATION IN CONJUNCTION WITH THESE DRAWINGS FOR FULL PROJECT SCOPE.
7. THE CONTRACTOR SHALL PERFORM A HYDRANT FLOW TEST TO VERIFY THE AVAILABLE WATER SUPPLY PRESSURE PRIOR TO ANY PURCHASING OF EQUIPMENT, FABRICATION OR INSTALLATION.
8. ANY DISCREPANCIES OR INADEQUACIES WITHIN BID DOCUMENTS, BETWEEN THESE BID DOCUMENTS AND RELATED HVAC, FIRE PROTECTION, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, INTERIOR DECOR, AND STRUCTURAL BID DOCUMENTS, OR BETWEEN THESE BID DOCUMENTS AND FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO BID SUBMISSION.
9. THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF RECORD "AS BUILT" DRAWINGS INDICATING THE PRECISE LOCATION OF ALL SYSTEMS, EQUIPMENT, CONCEALED OR EMBEDDED PIPING, EXPOSED PIPING, PIPING CONNECTIONS, AND ACCESS PANELS/DOORS. THESE DRAWINGS SHALL INCLUDE ALL CHANGES AND DEVIATIONS FROM CONSTRUCTION DOCUMENTS.
10. THE CONTRACTOR SHALL SCHEDULE ALL WORK TO AVOID INTERFERENCE WITH FIRE PROOFING WORK.
11. PLATFORMS, CURBS, SUMP/EJECTOR PITS, HOUSE TRAP PITS, AND GREASE INTERCEPTOR PITS FOR PLUMBING EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE EXACT SIZES AND LOCATIONS OF REQUIRED OPENINGS AND SUPPORTS FOR FURNISHED EQUIPMENT.
12. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING LOCATIONS AND INVERTS WITH ALL UTILITIES.
13. THE CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR. THE CONTRACTOR SHALL FURNISH PLUMBING EQUIPMENT WIRED FOR THE VOLTAGES SHOWN IN CONTRACT DOCUMENTS AND COORDINATED WITH ELECTRICAL CONTRACTOR.
14. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
15. THE CONTRACTOR SHALL SUBMIT, PRIOR TO ANY FABRICATION OR INSTALLATION, ALL NECESSARY DRAWINGS, EQUIPMENT/MATERIAL PRODUCT DATA, DOCUMENTATION, AND CALCULATIONS REQUIRED TO COMPLETE THE WORK OUTLINED IN THE CONTRACT DOCUMENTS.
16. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO ANY FABRICATION OR INSTALLATION. ALL FEES FOR PERMITS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
17. ALL ABOVE GRADE PIPING SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE. NO PIPING SHALL REST ON CEILING TILES OR CEILING STRUCTURE.
18. ALL EXPOSED HORIZONTAL AND VERTICAL PIPING SHALL BE INSTALLED IN A NEAT ARRANGEMENT AND IN THE MOST INCONSPICUOUS LOCATION POSSIBLE. VERTICAL DROPS SHOULD BE KEPT TO A MINIMUM AND SHOULD BE LOCATED WITHIN CHASES, WALLS, AND SOFFITS WITH OTHER MECHANICAL PIPING AND ELECTRICAL CONDUITS WHEN POSSIBLE. ALL SUCH LOCATION ARE TO BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.
19. WATER METER SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND SHALL BE PROVIDED WITH REMOTE READING.
20. THE CONTRACTOR SHALL PROVIDE ALL CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS, AND GUIDES AS NECESSARY TO PREVENT STRESS ON PIPING.
21. THE CONTRACTOR SHALL COORDINATE ALL ROOF PENETRATIONS AND ASSOCIATED FLASHING REQUIREMENTS WITH OTHER TRADES.
22. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL HORIZONTAL STORM WATER PIPING.
23. ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE THEIR OWN SHUTOFF VALVES INSTALLED IN AN EASILY ACCESSIBLE AND CONVENIENT LOCATION.
24. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS/DOORS FOR ALL CLEANOUTS, VALVES, AND ANY OTHER EQUIPMENT LOCATED WITHIN WALLS, PARTITIONS, OR CEILINGS THAT REQUIRE ACCESS FOR MAINTENANCE AND/OR OPERATION.
25. THE CONTRACTOR SHALL INSTALL TRAP SEAL PRIMERS ON ALL FLOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE NECESSARY COLD WATER CONNECTION TO ALL TRAP SEAL PRIMERS.
26. THE CONTRACTOR SHALL PROVIDE CLEANOUTS AT THE BASE OF ALL SANITARY, WASTE, STORM, AND VENT STACKS. CLEANOUT DECK PLATES PLATES MUST ALSO BE PROVIDED ON ALL BURIED SANITARY, WASTE, AND STORM PIPING AT INTERVALS OUTLINED IN APPLICABLE CODE.
27. SUDS PRESSURE ZONE REQUIREMENTS SHALL BE MET IN THE DESIGN OF THE SANITARY, WASTE, AND VENT SYSTEMS. NO CONNECTION SHALL BE MADE TO THE VERTICAL PORTION OF A SANITARY OR WASTE STACK WITHIN FORTY STACK DIAMETERS OF THE BASE FITTING. NO CONNECTION SHALL BE MADE TO THE HORIZONTAL OFFSET PORTION OF A SANITARY OR WASTE STACK WITHIN TEN STACK DIAMETERS OF THE BASE FITTINGS.
28. NO DRAINAGE BRANCH SHALL BE CONNECTED TO A SANITARY OR WASTE STACK WITHIN TWO FEET ABOVE OR BELOW A HORIZONTAL OFFSET EXCEPT WHERE NO OTHER DRAINAGE BRANCH IS CONNECTED TO THE STACK AT A HIGHER STORY.
29. THE CONTRACTOR SHALL PROVIDE REDUCING FITTING AT ALL CHANGES IN DIAMETER OF SANITARY, WASTE, AND STORM PIPING.
30. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO ALL EQUIPMENT AND FIXTURE INDICATED ON THE ARCHITECTURAL AND PLUMBING DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO HVAC AND FIRE PROTECTION EQUIPMENT.
31. GAS METER ASSEMBLIES INCLUDING VALVES, PIPING, VENTS, AND ALL APPURTENANCES SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
32. THE CONTRACTOR SHALL PROVIDE NOT LESS THAN A TWO ELBOW SWING ON ALL BRANCH PIPE CONNECTIONS TO A GAS RISER. BRANCH PIPE CONNECTIONS TO A HORIZONTAL GAS LINE SHALL BE MADE FROM THE TOP OR SIDES AND NOT FROM THE BOTTOM.
33. ALL GAS RISER SHUTOFF VALVES SHALL BE LOCKSHIELD TYPE WITH 1/8" TEST CONNECTION DOWNSTREAM OF VALVE.
34. ALL GAS SHUTOFF VALVES ARE TO BE LOCATED IN NONCONCEALED SPACES.
35. THE CONTRACTOR SHALL MAKE THE FINAL CONNECTION TO ALL GAS FIRED EQUIPMENT/APPLIANCES, REGARDLESS OF WHO PROVIDED THE EQUIPMENT/APPLIANCE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO HVAC EQUIPMENT, COOKING EQUIPMENT/APPLIANCES, EMERGENCY GENERATORS, AND DOMESTIC HOT WATER HEATERS. EACH PIECE OF EQUIPMENT/APPLIANCE SHALL BE PROVIDED WITH A DIRT LEG, LUBRICATED PLUG VALVE, UNION, AND PRESSURE REGULATOR (WHERE REQUIRED).

DEMOLITION NOTES

- 1. THE CONTRACTOR SHALL INCLUDE IN THEIR PRICE ALL COSTS ASSOCIATED WITH REMOVALS AND RELOCATIONS OF PLUMBING WORK AS DESCRIBED ON THE DRAWINGS AND IN THE SPECIFICATIONS WITH ALLOWANCES FOR EXPECTED OR UNFORESEEN DIFFICULTIES WHEN CONCEALED WORK HAS BEEN OPENED. NO CLAIMS FOR ADDITIONAL WORK ASSOCIATED WITH DEMOLITION WILL BE ACCEPTED, EXCEPT IN CERTAIN CASES CONSIDERED JUSTIFIABLE BY THE ARCHITECT.
2. THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING PLUMBING WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL LAYOUTS. ALL SYSTEMS WHICH ARE NO LONGER REQUIRED TO FUNCTION SHALL BE REMOVED BACK TO ACTIVE LINES.
3. THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE TO FUNCTIONING PLUMBING SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.
4. DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. THE CONTRACTOR SHALL PATCH, REPAIR OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL CONDITION.
5. THE CONTRACTOR SHALL REMOVE ALL PIPING SUPPORTS, ETC. FROM PARTITIONS THAT ARE TO BE REMOVED. WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING PIPING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL AND PROVIDE BYPASS CONNECTIONS AS NECESSARY.
6. ALL PIPING WHICH BECOMES EXPOSED DURING THE ALTERATION WORK SHALL BE REMOVED AND REROUTED CONCEALED BEHIND FINISHED SURFACES.
7. PORTIONS OF MAINS TO BE REMOVED OR ABANDONED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE, SHALL BE CUT AT CONVENIENT LOCATIONS, REROUTED AND RECONNECTED.
8. THE CONTRACTOR SHALL NOTIFY THE OWNER AT THE APPROPRIATE TIME OF THE PROJECTED DEMOLITION AND PHASING SCHEDULE SO THAT REMOVAL OR RELOCATION OF AFFECTED UTILITIES MAY BE CARRIED OUT IN COORDINATION WITH THE PROJECT REQUIREMENTS.
9. ALL EXISTING MATERIAL AND EQUIPMENT IN USABLE CONDITION, WHICH IS TO BE REMOVED UNDER THIS CONTRACT, SHALL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE DISPOSED OF BY THE PLUMBING CONTRACTOR, AS DIRECTED BY THE OWNER.
10. ARRANGE TO WORK CONTINUOUSLY, INCLUDING OVER TIME, IF REQUIRED, TO ASSURE THAT SYSTEMS WILL BE SHUT DOWN ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTIONS TO THE EXISTING SYSTEMS.
11. THE SHUTDOWN OF EXISTING BUILDING PLUMBING SERVICES SHALL BE COORDINATED WITH THE OWNER. MAKE ARRANGEMENTS AT LEAST 5 BUSINESS DAYS PRIOR TO A SHUTDOWN.

PLUMBING DRAWING LIST

Table with 2 columns: Sheet Number and Sheet Title. Includes entries like P-001 (PLUMBING COVER PAGE), P-002 (PLUMBING SCHEDULES), PD-101 (PLUMBING GROUND & FIRST FLOOR DEMOLITION PLANS), P-101 (PLUMBING GROUND & FIRST FLOOR PLANS), P-401 (PLUMBING DETAILS), P-402 (PLUMBING DETAILS & SPECIFICATIONS).

NEW YORK STATE CODES & STANDARDS

- 2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL PLUMBING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FUEL GAS CODE
2017 NYS UNIFORM CODE SUPPLEMENT
LOCAL FIRE DEPARTMENT/FIRE MARSHAL
ALL OTHER LOCAL AUTHORITIES HAVING JURISDICTION

NEW YORK STATE ENERGY CODES

- 2015 INTERNATIONAL ENERGY CONSERVATION CODE
2013 ASHRAE 90.1
2016 SUPPLEMENT TO THE NEW YORK STATE ENERGY CONSERVATION CODE (REVISED AUGUST 2016)

LOCAL CODES

- NEW ROCHELLE MUNICIPAL CODE

REFERENCED STANDARDS

- APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE AND LOCAL CODES. THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.
2013 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
2013 NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
2013 NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
2014 NFPA 70 - NATIONAL ELECTRICAL CODE
2013 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE



Stantec Consulting Services Inc.
135 Engineers Road Suite 200
Hempstead, NY 11788-4018
Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Table for Revision tracking with columns for Revision, By, Appd, and Date.

Table for Issued tracking with columns for Issued, JME, KF, and Date.

Table for File Name tracking with columns for File Name, JME, Dwn, Dgn, and Date.

Permit/Seal



Client/Project Logo



Client/Project NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE. NEW ROCHELLE, NY 10801

Title PLUMBING COVER PAGE

Project No. 191506465 Scale NONE

Revision Drawing No.

V:\2220\ACTIVE\1915064646\DESIGN\DRAWINGS\NEW ROCHELLE 1923 BLDG RENOV FLOWER PARK\SHEETS\1915064646_P-001.DWG

Averton, Alan

DRAIN SCHEDULE

(NOT ALL DRAINS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

Table with columns: DESIGNATION, MANUFACTURER, MODEL NUMBER, DRAIN BODY SPECIFICATION (BRONZE, CAST IRON, GALVANIZED, STAINLESS STEEL, CLAMPING DEVICE, SECONDARY CLAMP, SLUMP RECEIVER, ACID RESISTANT COATING, TRAP PRIMER CONNECTION), STRAINER SPECIFICATION (BRONZE, CAST IRON, GALVANIZED, NICKEL BRONZE, STAINLESS STEEL, CHROME PLATED, POLISHED FINISH, SATIN FINISH, SECONDARY STRAINER, SEDIMENT BUCKET, LESS GRATE, HALF GRATE, FLUSH GRATE, TRACTOR GRATE, FLAT TOP, FUNNEL TOP, DOME, EXTENSION, ADJUSTABLE), and APPLICABLE AREAS. Includes notes on floor drain locations and trap primer requirements.

PIPE, FITTING, AND JOINT MATERIAL SCHEDULE

(NOT ALL PIPE, FITTING, AND JOINT MATERIALS SHOWN ARE NECESSARILY USED ON THIS PROJECT)

Table with columns: PIPING SYSTEM, PIPING LOCATION, PIPING SIZE, PIPING SPECIFICATION, FITTING SPECIFICATION, and JOINT SPECIFICATION. Details materials for sanitary/waste, vent, indirect waste, cold/hot water recirculation, and gas piping.

PUMP SCHEDULE

Table with columns: SERVICE, DESIGNATION, SIMPLEX SYSTEM, DUPLEX SYSTEM, TRIPLEX SYSTEM, EMERGENCY POWER, CAPACITY (EACH PUMP), ELECTRICAL DATA (EACH PUMP), PUMP SYSTEM SPECIFICATION, and REMARKS. Details hot water recirculation pump specifications.

FIXTURE CONNECTION SCHEDULE

(NOT ALL FIXTURES SHOWN ARE NECESSARILY USED ON THIS PROJECT)

Table with columns: FIXTURE, S, W, IW, V, CW, HW. Details connection sizes for water closet, lavatory, tub/shower, shower, sink, laundry box, ice machine, drinking fountain, and janitor's sink.

FIXTURE SCHEDULE

Table with columns: DESIGNATION, COMPONENT, MANUFACTURER, MODEL NUMBER, SERVICE CONNECTIONS (S, W, V, CW, HW), and ADDITIONAL COMMENTS. Lists fixtures like water closets, lavatories, showers, and sinks with their specifications and notes.

OPENING / SLEEVE SCHEDULE

Table with columns: INSULATED DOMESTIC COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING; UNINSULATED SANITARY, WASTE, VENT, STORM, AND GAS PIPING. Details opening and sleeve diameters for various pipe sizes.



Stantec Consulting Services Inc. 135 Engineers Road Suite 200 Houspage, NY 11788-4018 Tel: (631) 424-8600 • www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultant

Revision By Appd YYYY.MM.DD

ISSUED FOR BID JME KF 2020.07.22

File Name: N/A JME JME KF - Dwn. Dgn. Chkd. YYYY.MM.DD

Permit/Seal



Client/Project Logo



Client/Project

NEW ROCHELLE

1923 BUILDING RENOVATION FLOWER PARK

491 5TH AVE. NEW ROCHELLE, NY 10801

Title PLUMBING SCHEDULES

Project No.

191506465

Revision

Scale

NONE

Drawing No.

P-002

