

SPECIFICATIONS

BUILDING CODES.
THE LATEST EDITION OF THE GOVERNING BUILDING CODE. (2003 IBC)
REGULATIONS AND ORDINANCES SHALL BE ENFORCED
MISCELLANEOUS INFORMATION
COORDINATE ALL DIMENSIONS TO FEATURES (NOTCHES, RECESSES, PADS, ETC) FOR EQUIPMENT WITH DETAILING SHOP DRAWINGS OF THE APPROPRIATE TRADE.

LOADS
1ST FLOOR.....120 PSF LIVE/120 DEAD/120 PSF
2ND FLOOR.....100 PSF LIVE/120 DEAD/120 PSF
ROOF.....20 PSF

DRAFT STOPPING
PER 2003 IBC
STRUCTURAL STEEL
ALL BEAMS, GIRDERS, COLUMNS, PLATES, ANGLES AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE.
ALL FIELD BOLTED CONNECTIONS SHALL HAVE 3/4" DIAMETER BOLTS IN ACCORDANCE WITH ASTM A36 UNLESS NOTED OTHERWISE.
ALL WELDING SHALL BE DONE WITH E-1055 ELECTRODES UNLESS NOTED OTHERWISE.

The Architect shall not have control over or charge of and shall not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the construction, since these are solely the responsibility of the contractor.
The Architect shall not be responsible for the Contractor's schedules or failure to carry out the construction in accordance with the Construction Documents.
The Architect shall not have control over or charge of acts or omissions of the Contractor, Subcontractors, or their agents or employees, or of any other persons performing portions of the construction.

FURNISH AND INSTALL ALL SUPPORTS TEMPORARY AND PERMANENT NECESSARY TO BRACE WALLS TO REMAIN AND EXISTING ADJACENT STRUCTURES AND GRADE SO THAT NO HORIZONTAL OR VERTICAL SETTLEMENT OCCURS TO THESE WALL, STRUCTURES, OR GRADES BRACING SHALL BE LEFT IN PLACE.
ALL SOFFITS AND DROPPED CEILINGS SHALL BE FIRESTOPPED AS REQUIRED BY THE LOCAL GOVERNING CODE.
FIRESTOP ALL STUD WALLS AT 8"-0" VERTICALLY
DRYWALL INSTALLATION SHALL BE IN ACCORDANCE WITH THE GYPSUM ASSOCIATION RECOMMENDED PRACTICES FOR THE APPROPRIATE THICKNESS.
NAILING FASTENING AND TAPING FOR THE NOTED STUD SPACING
ALL FRAMING TO BE IN ACCORDANCE WITH THE NATIONAL FOREST PRODUCTS "MANUAL FOR HOUSE FRAMING"
ALL LUMBER SHALL BE GRADE MARKED A MINIMUM OF 1300 F.S. UNLESS NOTED OTHERWISE ON THE DRAWINGS.

ALL BEARING POSTS SHALL RUN (OR SHALL BE BLOCKED) CONTINUOUSLY FROM POINT OF BEARING TO THE TOP OF THE FOUNDATION.
TRUSS DESIGN SHALL BE PROVIDED BY THE TRUSS FABRICATOR

ALL NON-BEARING PARTITIONS SHALL BE 2 X 4 STUDS @ 16" o.c. 600 f.s. UNLESS NOTED OTHERWISE. ALL LOAD BEARING PARTITIONS SHALL BE 2 X 4 @ 16" o.c. 1300 f.s.
SLOPE GRADE AWAY FROM BUILDING AT A MINIMUM OF 1/2" PER FOOT MINIMUM FOR A DISTANCE OF 10'-0" FROM THE FACE OF ANY POINT OF THE STRUCTURE.
ALL HEADERS SHALL BE (2) 2 X 12'S OF 1300 F.S. UNLESS OTHERWISE NOTED ON THE DRAWINGS.
ALL EXHAUST FANS SHALL BE VENTED TO THE EXTERIOR

PRIOR TO BEGINNING WORK THE GENERAL CONTRACTOR SHALL REVIEW ALL ELEVATIONS, RESTRICTIONS, AND SITE CONDITIONS AT THE JOB SITE AND SHALL NOTIFY THE ARCHITECT OF ANY DRAWING ERRORS OR INCONSISTENCIES.
DO NOT SCALE DRAWINGS.
ALL FIRE RATED DRYWALL ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS OF THE UL OR FM APPROVED TEST ASSEMBLY.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
ALL CONTRACTORS SHALL VERIFY AND SHALL BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS OF THE JOB AND THE ARCHITECT AND/OR DEVELOPER MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS BEFORE COMMENCING WITH ANY DEMOLITION AND/OR CONSTRUCTION.
SHOP DETAILS MUST BE SUBMITTED TO THE ARCHITECT AND/OR DEVELOPER FOR APPROVAL PRIOR TO PROCEEDING WITH ANY FABRICATIONS.
ALL EXPOSED MATERIALS FOR PORCHES, SOFFITS, OVERHANGS, ETC. SHALL BE OF APPROVED EXTERIOR MATERIALS.
CALLING AND SEALANTS: EXTERIOR JOINTS AROUND WINDOWS, DOOR FRAMES, BETWEEN CAVITY WALLS AND WINDOW AND/OR DOOR FRAMES, BETWEEN WALL PANELS, AT PENETRATIONS OF UTILITY SERVICES THROUGH WALLS, FLOORS, AND ROOFS, AND ALL OTHER OPENINGS IN THE EXTERIOR ENVELOPE.
ALL SMOKE DETECTORS SHALL BE A.C. POWERED, U.I. APPROVED, AND INSTALLED PER NFPA 72-1975.
ALL HVAC EQUIPMENT AND DUCTWORK SHALL COMPLY WITH THE LATEST APPLICABLE BOCA BASIC MECHANICAL CODE.
THERMOSTATS SHALL BE CAPABLE OF BEING SET FROM 55 DEGREES TO 85 DEGREES FAHRENHEIT AND SHALL BE CAPABLE OF OPERATING THE SYSTEMS HEATING AND COOLING SEQUENCES.

THE CONTRACTOR SHALL USE WATER RESISTANT DRYWALL AT ALL WET WALL AREAS.
INTERIOR FINISH MATERIALS SHALL NOT HAVE A FLAME SPREAD RATING EXCEEDING 200. CLASS "C" INTERIOR FINISH.
THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECTURAL, MECHANICAL, DIMENSIONAL REQUIREMENTS OF INSERTS, OPENINGS, SLEEVES AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE DRAWINGS.
VENTILATION OF THE ATTIC, ROOF RAFTERS AND/OR CRAWL SPACES SHALL BE DONE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES, REGULATIONS, CONTRACTOR VIA VENTS WITH FREE AREA EQUALLING 1/150TH OF THE ATTIC AREA, ROOF RAFTERS.
GENERAL TRUSS CONSTRUCTION NOTES:
LOADINGS: L.L. ROOF.....20 PSF
D.L. CEILING WITH ATTIC SPACE.....20 PSF
D.L. WEIGHTS OF INDICATED CONSTRUCTION AT BE BEGINNING OF SPEC.
MAXIMUM SPACING.....24" o.c.
LUMBER: ALL LUMBER SHALL BE NO. 2KD S.Y.P. FOR CHORD MEMBERS. PROVIDE PITCH AS INDICATED ON DRAWINGS
CONNECTOR PLATES SHALL BE DESIGNED PER DESIGNED PER "DESIGN SPECIFICATION FOR LIGHT PLATE CONNECTED WOOD TRUSSES", LATEST EDITION.
SUBMITTALS: STRUCTURAL CALCULATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL OF THE ARCHITECT. ALL TRUSS CALCULATIONS MUST BE SIGNED BY A REGISTERED ENGINEER IN THE STATE THE TRUSSES ARE TO BE ERRECTED.
PROVIDE ALL PERMANENT TRUSS BRACING AS REQUIRED IN THE TRUSS DESIGN BY THE TRUSS MANUFACTURER AND IN ADDITION, PROVIDE TEMPORARY BRACING AS INDICATED IN THE TRUSS PLATE INSTITUTE BOOKLET "BRACING WOOD TRUSSES: COMMENTARY AND RECOMMENDATIONS. BWT-16"
USE 2x WOOD FRAMING AS REQUIRED TO FORM HIPPS AND VALLEYS NOT SUPPORTED BY TRUSSES.
ROOF FRAMING IS A RECOMMENDATION AND SUGGESTION ONLY. CHANGES ARE SUBJECT TO THE ARCHITECT'S APPROVAL.
ALL BEARING WALLS SHALL HAVE A MINIMUM OF 2 X 4'S AT 16" o.c. OR 2 X 6'S AT 24" o.c. WITH DOUBLE 2x1/8 TOP AND SINGLE 2x1/8 BOTTOM PLATES. BEAMS, JOISTS, AND HEADERS SHALL BE SUPPORTED BY DIRECT BEARING OR JOIST HANGERS. TOE NAILING AND END NAILING SHALL NOT BE PERMITTED.
WOOD PLACED IN DIRECT CONTACT WITH CONCRETE SHALL BE TREATED WOOD (WOHLMANIZED). SUBSTITUTIONS SHALL BE APPROVED BY THE ARCHITECT.

NAILING AND FASTENING SCHEDULE:
REFER TO THE 2003 IBC CODE, AND/OR LOCAL CODES AND REGULATIONS.

CIVIL SPECIFICATIONS

BEFORE BEGINNING WORK IN ANY AREA THE CONTRACTOR SHALL CONTACT ANY COMPANIES MAINTAINING UTILITIES IN THE PROJECT AREA AND REQUEST THEIR ASSISTANCE IN FIELD LOCATING THEIR UTILITIES IN THAT AREA THE CONTRACTOR, HOWEVER, SHALL BE SOLELY RESPONSIBLE FOR THE LOCATION OF THE UTILITIES. THE UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND THE OWNER AND THE ENGINEER DO NOT IMPLY THAT THE INFORMATION IS COMPLETE.

RIGHT-OF-WAY AND EASEMENTS: THE OWNER HAS SECURED THE PROPERTY, RIGHT-OF-WAY AND/OR EASEMENTS NECESSARY FOR THE CONSTRUCTION OF THE WORK. THESE DOCUMENTS ARE ON FILE WITH THE OWNER AND MAY BE REVIEWED BY ALL BIDDERS PRIOR TO THE BID DATE. THE CONTRACTOR SHALL BE FURNISHED COPIES OF THESE DOCUMENTS SO THAT HE MAY CONTAIN HIS CONSTRUCTION ACTIVEST THE PERMISSIBLE AREAS LISTED IN EACH EASEMENT.

THE CONTRACTOR SHALL PREFORM THE WORK IN ACCORDANCE WITH THE PROVISIONS OF THE VARIOUS COUNTY, VILLAGE, TOWNSHIP AND STATE PERMITS.

EQUIPMENT AND PROCEDURES: THE ENGINEER RESERVES THE RIGHT TO REQUIRE A WRITTEN STATEMENT FROM THE MANUFACTURER OF ANY PRODUCTS OR EQUIPMENT THAT THE SPECIFIC PRODUCTS OR EQUIPMENT HAVE BEEN INSPECTED AND TESTED TO CONFORM WITH THE SPECIFICATIONS.

LOCATION OF THE WORK: ALL CONSTRUCTION ACTIVITIES SHALL BE KEPT WITHIN THE PROPERTY PROVIDED BY THE OWNER ANY EASEMENTS SECURED BY THE CONTRACTOR FOR THEIR CONVENIENCE, ARE TO BE CONSIDERED SEPARATE AND NOT RELATED TO THE PROJECT.

OSHA REGULATIONS: ATTENTION IS CALLED TO THE U.S. AND STATE OF ILLINOIS OCCUPATIONAL AND HEALTH ACTS (OSHA) AND TO THE ADMINISTRATIVE REGULATIONS WHICH HAVE BEEN ISSUED AS A RESULT OF THESE LAWS ALL CONSTRUCTION ACTIVITIES SHALL BE PREFORMED IN A MANNER WHICH WILL COMPLY WITH THE PROVISIONS OF THE OSHA LAWS AND REGULATIONS. IN THE EVENT OF ANY CONFLICT BETWEEN CONSTRUCTION PROCEDURES PERMITTED BY THE SPECIFICATIONS AND THOSE REQUIRED BY THE FEDERAL AND STATE OSHA LAWS AND REGULATIONS, THE LATTER SHALL PREVAIL. THE COST OF COMPLIANCE WITH OSHA LAWS AND REGULATIONS SHALL BE AN INCIDENTAL EXPENSE IN THE CONTRACT PRICES FOR THE WORK PERFORMED THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE ABOVE REGULATIONS.

MAINTENANCE OF SIGNS, ETC.: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, STORAGE, AND RESETING OF ALL TYPES OF EXISTING TRAFFIC SIGNS AND 1989 BOXES THAT INTERFERE WITH CONSTRUCTION OPERATIONS. UPON THE COMPLETION OF THE WORK, THE SIGNS AND MAIL BOXES SHALL BE RE-ERECTED AT THEIR PERMANENT LOCATIONS.

PLUMBING & MECHANICAL NOTES

1. PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL FEES AND PERMITS ASSOCIATED WITH HIS PORTION OF THE WORK.
2. WORK PLANS TO BE CONSIDERED AS DIAGRAMMATIC AND REFLECT A MINIMUM ACCEPTABLE STANDARD. ALL WORK SHALL CONFORM TO ILLINOIS STATE PLUMBING CODE AND ALL LOCAL CODES.
3. FIXTURES TO BE COMPLETE WITH SUPPLY PIPES WITH STOPS. SUPPLIES AND STOPS TO BE CHROME PLATE WHERE EXPOSED TO VIEW.
4. ACCESSIBLE SHUTOFF VALVES TO BE PROVIDED FOR EACH TOILET ROOM AND EXTERIOR WALL HYDRANTS. GENERAL CONTRACTOR TO PROVIDE ACCESS PANELS FOR SHUTOFF VALVES.
5. SOIL, WASTE AND VENT PIPING TO BE SCHEDULE 40 PVC.
6. INTERIOR WATER PIPING TO BE TYPE "L" COPPER WITH LEAD- FREE SOLDER JOINTS. WATER PIPING BELOW GRADE TO BE TYPE "K" COPPER WITH LEAD-FREE SOLDER JOINTS.
7. INSULATE NEW AND EXISTING COLD, HOT WATER AND HOT WATER RETURN PIPING 1/2" FLEXIBLE UNICELLULAR INSULATION. UNDERGROUND COLD WATER PIPING TO BE UNINSULATED.
8. EQUIPMENT, MATERIALS AND WORKMANSHIP TO BE WARRANTED FOR ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE.
9. BACKFILL AROUND UNDERGROUND PIPING WITH SAND. SANITARY LINE IF APPLICABLE.
10. DOMESTIC WATER SUPPLY PIPING TO BE 3/4" MIN. FOR SIZES SEE PLANS AND ISOMETRICS.
11. SANITARY PIPING TO BE 4" MINIMUM. FOR SIZES SEE PLANS AND ISOMETRICS.
12. SUPPLY PIPES BELOW GRADE TRENCHED TO THE DOCK TO BE A MINIMUM OF 18" ABOVE SANITARY PIPE WHERE THE CROSS OR WHERE WITHIN 10' OF EACH OTHER.
13. AIR CHAMBERS OR WATER HAMMER ARRESTERS SHALL BE PROVIDED AT WATER SUPPLY CONNECTIONS TO ALL FIXTURES.
14. VALVES SHALL BE NIBCO, SOLDIER ENDS.
15. PIPING TO BE SUPPORTED AT 8'-0" O.C. MAXIMUM SPACING OR AS NOTED OTHERWISE IN SPECIFICATIONS WHEN MORE STRINGENT. CONNECT TO ROOF/FLOOR STRUCTURE OR WALL ONLY, NOT CEILING.
16. PLUMBING CONTRACTORS TO VERIFY LOCATION AND SIZES OF EXISTING SUPPLY, SANITARY AND STORM LINES BEFORE STARTING WORK.
17. SUPPLY MAIN ABOVE CEILING TO BE INSULATED. SANITARY MAIN TO BE ROUTED BELOW FLOOR.
18. GAS MAIN TO BE ROUTED THROUGH VENTED ATTIC SPACE AND INSTALLED IN SUCH A MANNER SO AS NOT SUBJECT TO POSSIBLE DAMAGE.
18. NOT USED.
20. PLUMBING CONTRACTOR SHALL COORDINATE ALL ASPECTS OF WORK WITH OTHER TRADES PRIOR TO CONSTRUCTION/ INSTALLATION.
21. ALL WALL, FLOOR AND CEILING PATCHING AND MODIFICATIONS TO BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
22. PLUMBING FIXTURES REMOVED AND NOT RELOCATED ARE TO BE CLEANED AND AT THE OWNER'S DISCRETION, TURNED OVER TO THE OWNER FOR FUTURE USE. OWNER TO INSTRUCT PLUMBING CONTRACTOR ON STORAGE LOCATION OF TURNED OVER FIXTURE.
23. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORD AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT KNOWN. VERIFICATIONS OF THE LOCATIONS OF UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR, AS PROVIDED BY J.I.L.L.I.E.
24. TEMPERING VALVES ON ALL LAVATORY AND BREAKROOM HANDSETS. TYP. FOR ADA COMPLIANT.
25. ALL MECHANICAL WORK IN STRICT COMPLIANCE WITH THE 1998 INTERNATIONAL MECHANICAL CODE.

ELECTRICAL SPECIFICATIONS

1. THE SHALL SECURE AND PAY FOR ALL FEES, PERMITS, AND INSPECTIONS REQUIRED FOR HIS PORTION OF THE WORK.
2. ALL ELECTRICAL WORK SHALL CONFORM TO 1996 N.E.C. LOCAL CODES AND ORDINANCES. ALL PRODUCTS SHALL BE U.L. LISTED OR LABELED.
3. ALL RACEWAYS AND FITTINGS SHALL COMPLY WITH ANSI AND NEIS. CONDUITS IN SLAB OR EXPOSED IN DRY INTERIOR LOCATIONS SHALL BE RIGID GALVANIZED STEEL (RGS). MINIMUM SIZE CONDUIT SHALL BE 3/4", UNLESS NOTED.
4. BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER 600 VOLT INSULATION TYPE THHN/THWN, 8 AWG AND LARGER STRANDED CONDUCTOR, SMALLER THAN 8 AWG, SOLID CONDUCTOR ALL CONDUCTORS SHALL BE #12 AWG, UNLESS NOTED.
5. JUNCTION BOXES INSTALLED INDOOR SHALL BE OF GALVANIZED STEEL FOR OUTDOOR AND WET LOCATIONS USE CAST ALUMINUM BOXES WITH NEOPRENE GASKET AND STAINLESS STEEL SCREWS.
6. LUMINAIRES SHALL BE COMPLETE WITH LAMPS, ACCESSORIES, MOUNTING FRAMES, ETC.
7. CIRCUIT BREAKERS SHALL BE OF THE SAME MANUFACTURER AS THE PANELBOARD. THEY SHALL BE QUICK-MAKE, QUICK-BREAK, BOLT-ON, THERMAL MAGNETIC TRIP ELEMENT TYPE BREAKER RATINGS AS INDICATED ON PLANS, AIC RATINGS SHALL BE 10,000 AT 240 VOLT.
8. DISCONNECT SWITCHES SHALL BE MANUFACTURED BY SQUARE D, ITE, WESTINGHOUSE, GENERAL ELECTRIC OR CUTLER HAMMER. SWITCHES SHALL BE HEAVY DUTY, QUIC-MAKE, QUICK-BREAK, LOAD INTERRUPTER ENCLOSED KNIFE SWITCH WITH EXTERNALLY OPERABLE HANDLE INTERLOCKED TO PREVENT OPENING WITH SWITCH IN "ON" POSITION. HANDLE SHALL BE DESIGNED TO ACCOMMODATE CASS R FUSES. FUSES SHALL BE CLASS RK1, DUAL ELEMENT, CURRENT LIMITING, ONE-TIME FUSE, 250 VOLT, AND HAVE AN INTERRUPTING RATING OF 200,000 RMS. FUSES SHALL BE MANUFACTURED BY BUSS, GUILD/ SHAWMUT OR CHALLENGER.
9. PANEL BOARDS SHALL BE MANUFACTURED BY CHALLENGER, GENERAL ELECTRIC, SQUARE D OR WESTINGHOUSE SHALL BE CONSTRUCTED WITH COPPER BUS, EQUIPMENT GROUND BUS BONDED TO BOX, COMPRESSION TYPE MAIN AND NEUTRAL LUGS, TYPED CIRCUIT DIRECTORY REFLECTING FINAL CIRCUITRY. FILLER PLATES FOR UNUSED SPACES AND MOUNTED 6'-2" ABOVE FINISHED FLOOR TO TOP OF TRIM.
10. WALL SWITCHES FOR LIGHTING CIRCUITS AND MOTOR LOADS UNDER 1/2 HP SHALL BE A GENERAL USE SNAP SWITCH WITH TOGGLE HANDLE, RATED 20 AMPERES AND 120-277 VOLTS AC. SWITCHES SHALL BE STANDARD IVORY PLASTIC. RECEPTACLES SHALL HAVE TYPE S-20R CONFIGURATION. GFI RECEPTACLES SHALL BE DUPLEX WITH INTEGRAL GROUND FAULT CURRENT INTERRUPTER RECEPTACLES SHALL BE STANDARD IVORY PLASTIC. SWITCHES AND RECEPTACLES SHALL BE MANUFACTURED BY HUBBELL, LEVITON OR P&S. DEVICE PLATES SHALL BE STANDARD IVORY SMOOTH PLASTIC AND MANUFACTURED BY HUBBELL, SIERRA OR LEVITON. MOUNTING HEIGHTS ARE AS FOLLOWS: LIGHT SWITCH AT 48" AFF, RECEPTACLE AT 18" AFF.
11. SHOP DRAWINGS WILL BE REQUIRED FOR LIGHT FIXTURES, WALL SWITCHES, RECEPTACLES, GFI RECEPTACLE AND DISCONNECT SWITCHES.
12. THIS CONTRACTOR SHALL COMPLETE ALL ELECTRICAL WORK AS SHOWN ON THE DRAWINGS AND AS REQUIRED BY ALTERATIONS.

LOAD EVENLY PROPORTIONED AMONG BRANCH CIRCUITS

Where the load is computed on a volt-amperes-per-square-foot (0.093-sq m) basis, the wiring system up to and including the branch-circuit panelboard(s) shall be provided to serve not less than the calculated load. This load shall be evenly proportioned among multioutlet branch circuits within the panelboard(s). Branch-circuit overcurrent devices and circuits need only be installed to serve the connected load.
8 FLUORESCENT LIGHT FIXTURES PER 20 AMP CIRCUIT. (MAX.)

13. WIRING METHODS

- a) Wiring design, protective methods, and materials shall be in accordance with NEC 1971 (NFPA No. 70-1971), Article 800, Communication Circuits, except that
 - A) open wiring on insulators (Article 320).
 - B) concealed knob-and-tube work (Article 324).
 - C) nonmetallic sheathed cable (Article 366) shall not be used.
 - D) all exposed wiring must be installed in conduit, and
 - E) all concealed wiring must be accessible for inspection and servicing, or installed in conduit. Class 1 and Class 2 remote control, low-energy power, low-voltage power, and signal circuits may be designed, installed and use materials in accordance with Article 725 of the NEC.
- b) All interior wiring shall have a grounded conductor, except as otherwise permitted for fire detection systems under NFPA 72A, special swimming pool systems, and others listed as exceptions in the National Electric Code.

F.A. DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
99-00013-00-4F		JERSEY	18	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97262				

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CITY OF
GRAFTON

GRAFTON, IL 62037

GRAFTON HARBOR
MARINA PROJECT
RESTROOM BUILDING
215 W. WATER STREET
GRAFTON, IL 62037

DATE: 9/1/05

REVISED: 00/00/00

ISSUED: FOR BID

PROJ. NO.: 40001

DRAWN BY: JaS

SHEET TITLE
GENERAL BUILDING
SPECIFICATION

(3)

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