

SECTION 1610 - GENERAL PROVISIONS

1.01 RELATED DOCUMENTS

- A. THE GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS AND SPECIAL CONDITIONS PERTAINING TO THE WORK SPECIFIED IN THIS SECTION.

1.02 DESCRIPTION

- A. THE SECTION DEFINES THE GENERAL PROVISIONS WHICH APPLY TO ALL SECTIONS OF DIVISION 16.
B. THE INFORMATION IN THIS SECTION IS INTENDED TO ASSIST THE CONTRACTOR IN DETERMINING THE SCOPE OF WORK, THE SEQUENCE OF WORK, THE ORDER OF WORK, THE LOCATION OF WORK, THE TIME OF WORK, THE METHOD OF WORK, THE MATERIALS TO BE USED, THE EQUIPMENT TO BE USED, THE PERSONNEL TO BE EMPLOYED, THE SAFETY PRECAUTIONS TO BE TAKEN, THE PROTECTION OF EXISTING WORK, THE PROTECTION OF THE CONTRACTOR'S WORK, THE PROTECTION OF THE OWNER'S WORK, THE PROTECTION OF THE ADJACENT WORK, THE PROTECTION OF THE ADJACENT PROPERTY, THE PROTECTION OF THE ADJACENT PERSONNEL, THE PROTECTION OF THE ADJACENT ENVIRONMENT, THE PROTECTION OF THE ADJACENT COMMUNITY, THE PROTECTION OF THE ADJACENT HISTORY, THE PROTECTION OF THE ADJACENT CULTURE, THE PROTECTION OF THE ADJACENT HERITAGE, THE PROTECTION OF THE ADJACENT SCIENCE, THE PROTECTION OF THE ADJACENT ARTS, THE PROTECTION OF THE ADJACENT RECREATION, THE PROTECTION OF THE ADJACENT EDUCATION, THE PROTECTION OF THE ADJACENT RELIGION, THE PROTECTION OF THE ADJACENT BELIEFS, THE PROTECTION OF THE ADJACENT VALUES, THE PROTECTION OF THE ADJACENT INTERESTS, THE PROTECTION OF THE ADJACENT RIGHTS, THE PROTECTION OF THE ADJACENT OBLIGATIONS, THE PROTECTION OF THE ADJACENT RESPONSIBILITIES, THE PROTECTION OF THE ADJACENT ACCOUNTABILITIES, THE PROTECTION OF THE ADJACENT TRANSPARENTcies, THE PROTECTION OF THE ADJACENT INTEGRITIES, THE PROTECTION OF THE ADJACENT HONESTIES, THE PROTECTION OF THE ADJACENT FAITHFULNESSES, THE PROTECTION OF THE ADJACENT SINCERITIES, THE PROTECTION OF THE ADJACENT GENUINENESSES, THE PROTECTION OF THE ADJACENT SINCERITIES, THE PROTECTION OF THE ADJACENT GENUINENESSES, THE PROTECTION OF THE ADJACENT SINCERITIES, THE PROTECTION OF THE ADJACENT GENUINENESSES.

1.03 QUALITY ASSURANCE

- A. QUALIFICATIONS: 1. MATERIALS AND EQUIPMENT SHALL BE NEW AND CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

1.04 SUBMITTALS

- A. SHOP DRAWINGS FOR ALL FIXTURES, EQUIPMENT, MATERIALS, ETC. SHALL BE SUBMITTED AS SPECIFIED IN DIVISION 1.
B. INSTALLATION, MAINTENANCE AND OPERATING MANUALS AND INSTRUCTIONS FOR OPERATION SHALL BE PROVIDED AS SPECIFIED IN DIVISION 1.

1.05 APPROVAL DRAWINGS

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. 1. LOCAL FIRE PREVENTION BUREAU. 2. LOCAL BUILDING DEPARTMENT - ELECTRICAL INSPECTION SECTION. 3. LOCAL UTILITY COMPANIES.

1.06 GUARANTEE

- A. PROVIDE ONE YEAR GUARANTEE FOR ALL FIXTURES, EQUIPMENT, MATERIALS, ETC. SHALL BE SUBMITTED AS SPECIFIED IN DIVISION 1.

1.07 PROTECTION

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING WORK AND EQUIPMENT. 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING WORK AND EQUIPMENT.

1.08 INSTALLATION/APPLICATION/ PERFORMANCE/ERECTION

- A. APPLICATION INSTALLATION: 1. NO MEASUREMENTS OF A DRAWING BY SCALE SHALL BE USED. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

1.09 FIELD QUALITY CONTROL

- A. AFTER WIRES ARE IN PLACE AND CONNECTED TO DEVICES AND EQUIPMENT THE SYSTEM SHALL BE TESTED FOR CONTINUITY AND INSULATION. 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

2.01 MATERIALS

- A. CONDUIT: 1. ELECTRICAL METALLIC TUBING (EMT) THIN WALL CONDUIT SHALL BE USED UNLESS OTHERWISE SPECIFIED. 2. HEAVY WALL STEEL CONDUIT AND IMC SHALL BE USED WHERE SPECIFIED.

2.02 WIRES AND CABLES

- A. ALL WIRE SHALL BE TYPE THW OR THWN COPPER UNLESS OTHERWISE SPECIFIED. 1. ALL WIRE SHALL BE TYPE THW OR THWN COPPER UNLESS OTHERWISE SPECIFIED.

2.03 SWITCHES AND RECEPTACLE PLATES

- A. SWITCHES SHALL MEET NEMA ENCLOSED SWITCH STANDARDS FOR CURRENT RATING. 1. SWITCHES SHALL MEET NEMA ENCLOSED SWITCH STANDARDS FOR CURRENT RATING.

2.04 LIGHTING AND APPLIANCE PANEL BOARDS

- A. PANEL BOARDS SHALL BE TYPE INDICATED ON THE DRAWINGS. 1. PANEL BOARDS SHALL BE TYPE INDICATED ON THE DRAWINGS.

2.05 EQUIPMENT

- A. MAIN SWITCH BOARD SHALL BE SERVICE ENTRANCE RATED. 1. MAIN SWITCH BOARD SHALL BE SERVICE ENTRANCE RATED.

2.06 DISTRIBUTION PANEL BOARDS

- A. PANEL BOARDS SHALL BE ENCLOSED IN STEEL CABINET. 1. PANEL BOARDS SHALL BE ENCLOSED IN STEEL CABINET.

3.01 PREPARATION/INSTALLATION/ APPLICATION

- A. CONDUIT: 1. INSTALLATION - ALL CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NEC.

3.02 TYPES OF CONDUIT

- A. CONDUIT WITH BUILDING CONFORMER RUN IN CONCRETE SLABS. 1. CONDUIT WITH BUILDING CONFORMER RUN IN CONCRETE SLABS.

3.03 FIRE AND SMOKE PARTITION PENETRATIONS

- A. THE CONTRACTOR SHALL FURNISH UNITS WITH ALL NECESSARY PARTS AND MATERIALS. 1. THE CONTRACTOR SHALL FURNISH UNITS WITH ALL NECESSARY PARTS AND MATERIALS.

3.04 SECTION 16400 - SERVICE AND DISTRIBUTION

- A. WORK INCLUDED: 1. CURRENT TRANSFORMER CABINET. 2. MAIN SWITCH BOARD.

3.05 SHOP DRAWINGS FOR THE FOLLOWING ITEMS SHALL BE SUBMITTED FOR APPROVAL

- A. DISTRIBUTION PANEL BOARDS, LIGHTING PANEL BOARDS, MISCELLANEOUS PANEL BOARDS AS SHOWN ON THE DRAWINGS.

3.06 EQUIPMENT

- A. MAIN SWITCH BOARD SHALL BE SERVICE ENTRANCE RATED. 1. MAIN SWITCH BOARD SHALL BE SERVICE ENTRANCE RATED.

3.07 DISTRIBUTION PANEL BOARDS

- A. PANEL BOARDS SHALL BE ENCLOSED IN STEEL CABINET. 1. PANEL BOARDS SHALL BE ENCLOSED IN STEEL CABINET.

3.08 BUS STRUCTURE SHALL BE COPPER

- A. SHORT CIRCUIT CURRENT RATING SHALL BE EQUAL TO OR GREATER THAN THE AVAILABLE SHORT CIRCUIT AT THE LOCATION BUT NOT LESS THAN 50,000 AMPERES.

3.09 PANEL BOARDS SHALL BE AS SHOWN ON THE DRAWINGS

- A. PROVIDE A TYPED PANEL DIRECTORY FOR EACH PANEL IDENTIFYING THE USE OF EACH CIRCUIT INCLUDING ANY EXISTING CIRCUITS WHICH REMAIN.

4.01 CONNECTIONS

- A. ALL MAIN FEEDER CONNECTIONS SHALL BE MADE WITH SCREWED CONNECTORS. 1. ALL MAIN FEEDER CONNECTIONS SHALL BE MADE WITH SCREWED CONNECTORS.

4.02 SYSTEM GROUNDING

- A. SHALL BE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. 1. SHALL BE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.

4.03 ELECTRICAL SERVICE SHALL BE UNDERGROUND

- A. ELECTRICAL SERVICE SHALL BE UNDERGROUND FROM THE UTILITY COMPANY'S SERVICE UNLESS NOTED OTHERWISE IN ELECTRICAL RISER. 1. ELECTRICAL SERVICE SHALL BE UNDERGROUND FROM THE UTILITY COMPANY'S SERVICE UNLESS NOTED OTHERWISE IN ELECTRICAL RISER.

4.04 THIS CONTRACTOR SHALL CONTACT THE UTILITY COMPANY

- A. INFORMATION NECESSARY FOR THE WORK AND OBTAIN THEIR APPROVAL OF ANY WORK AND MATERIAL. 1. INFORMATION NECESSARY FOR THE WORK AND OBTAIN THEIR APPROVAL OF ANY WORK AND MATERIAL.

4.05 SECTION 16500 - LIGHTING SYSTEMS AND CONTROLS

- A. WORK INCLUDED: 1. INSTALLATION OF LIGHTING FIXTURES, HANDS, AND CONTROLS AS SPECIFIED ON DRAWINGS AND LIGHTING REQUIREMENTS.

4.06 REQUIREMENTS

- A. ALL FLUORESCENT LAMP BALLASTS SHALL BE ELECTRONIC TYPE WITH MAXIMUM 10% TOTAL HARMONIC DISTORTION (THD). 1. ALL FLUORESCENT LAMP BALLASTS SHALL BE ELECTRONIC TYPE WITH MAXIMUM 10% TOTAL HARMONIC DISTORTION (THD).

4.07 SECTION 16700 - COMMUNICATIONS

- A. WORK INCLUDED: 1. EMPTY BACKBOXES AND CONDUIT SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

4.08 TELEPHONE SYSTEM/COMPUTER SYSTEM

- A. TELEPHONE SYSTEM GROUNDING CONDUCTORS, FIBER OPTIC CABLES, AND CONDUIT SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. 1. TELEPHONE SYSTEM GROUNDING CONDUCTORS, FIBER OPTIC CABLES, AND CONDUIT SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

4.09 SECTION 16800 - COMMUNICATIONS

- A. WORK INCLUDED: 1. TELEPHONE SERVICE CONDUITS FOR UNDERGROUND SERVICE.

5.01 DESCRIPTION

- A. TELEPHONE SYSTEM GROUNDING CONDUCTORS, FIBER OPTIC CABLES, AND CONDUIT SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

5.02 TELEPHONE SERVICE CONDUITS FOR UNDERGROUND SERVICE

- A. OTHER CONDUITS AS INDICATED ON THE DRAWINGS. 1. OTHER CONDUITS AS INDICATED ON THE DRAWINGS.

5.03 NO ELECTRICAL CONDUITS OR POWER WIRING SHALL PASS OVER TELECOMMUNICATIONS RACKS OR LIGHT FIXTURES

- A. CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NEC. 1. CONDUIT SHALL BE SIZED IN ACCORDANCE WITH THE NEC.

5.04 FINISH AND INSTALL CONDUIT SYSTEM AS SHOWN ON DRAWINGS

- A. CABLES AND FINAL CONNECTION TO BE BY THE OWNER'S SUBCONTRACTOR. 1. CABLES AND FINAL CONNECTION TO BE BY THE OWNER'S SUBCONTRACTOR.

5.05 GROUND IN ACCORDANCE WITH THE NEC AND ALL LOCAL CODES

- A. ASSUMED AVAILABLE FAULT CURRENT IS 50,000 AMPERES. 1. ASSUMED AVAILABLE FAULT CURRENT IS 50,000 AMPERES.

5.06 PROVIDE FUSES AT ALL LOCATIONS SHOWN ON THE DRAWINGS

- A. FUSE RATING OF PROTECTIVE DEVICES 100 AMP OR LESS. 1. FUSE RATING OF PROTECTIVE DEVICES 100 AMP OR LESS.

5.07 SECTION 16900 - IDENTIFICATION

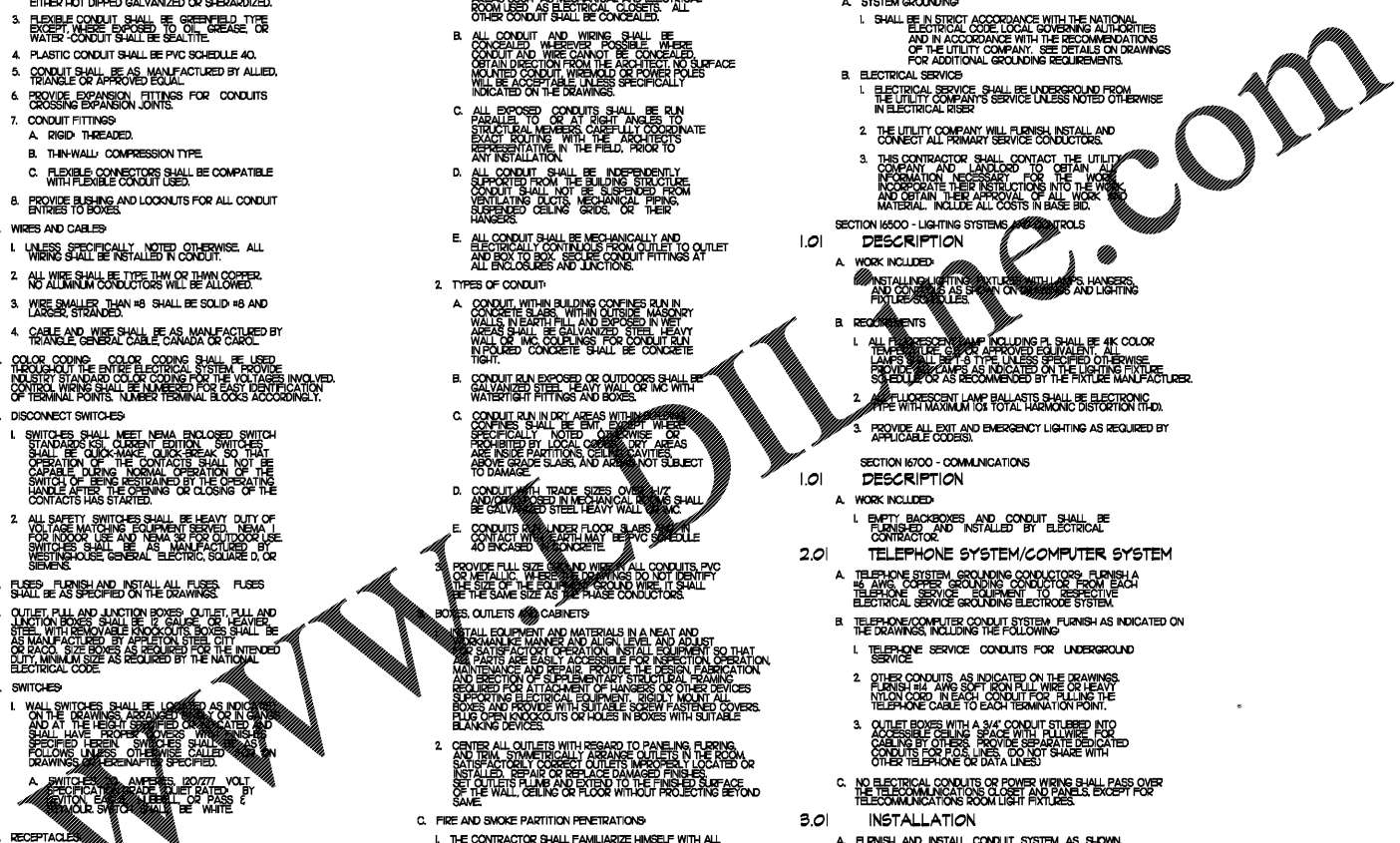
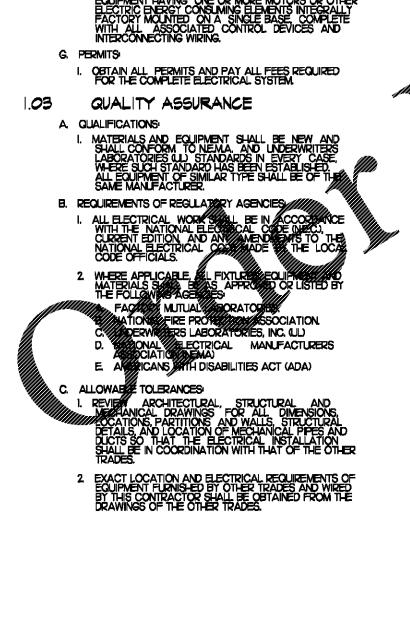
- A. CONTRACTOR SHALL CONTACT THE UTILITY COMPANY AND INCORPORATE ALL REQUIREMENTS INTO THE NEW WORK. 1. CONTRACTOR SHALL CONTACT THE UTILITY COMPANY AND INCORPORATE ALL REQUIREMENTS INTO THE NEW WORK.

5.08 ALL WORK SHALL COMPLY WITH THE LATEST NATIONAL ELECTRICAL CODE

- A. COORDINATE EXACT CODE REQUIREMENTS AND LOCAL AMENDMENTS WITH LOCAL INSPECTOR PRIOR TO ANY INSTALLATION. 1. COORDINATE EXACT CODE REQUIREMENTS AND LOCAL AMENDMENTS WITH LOCAL INSPECTOR PRIOR TO ANY INSTALLATION.

5.09 CONTRACTOR SHALL CONTACT THE UTILITY COMPANY

- A. INFORMATION NECESSARY FOR THE WORK AND OBTAIN THEIR APPROVAL OF ANY WORK AND MATERIAL. 1. INFORMATION NECESSARY FOR THE WORK AND OBTAIN THEIR APPROVAL OF ANY WORK AND MATERIAL.



Vertical sidebar containing contact information for Oliver Brothers, Inc. including address, phone numbers, and project details for 'DOLLAR TREE' at Rockdale Plaza.