

SPECIFICATIONS

0010 AIA DOCUMENT A201, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, FOURTEENTH EDITION, 1987. ARTICLES 1 TO 14 INCLUSIVE ARE HEREBY MADE A FULL PART OF THE CONTRACT DOCUMENTS TO THE SAME EXTENT AS IF WRITTEN OUT HEREIN IN FULL.

0110 THIS PROJECT SHALL BE IDENTIFIED AS 'ACTIVITY CENTER FOR FLORENCE FULLER CHILD DEVELOPMENT CENTERS - WEST CAMPUS'. IT IS A NEW CHILDREN'S DAYCARE FACILITY OF APPROXIMATELY 9,300 G.S.F. ONE STORY MASONRY BUILDING WITH STEEL JOISTS AND EITHER STANDING-SEAM METAL PANEL ROOF OR 3-PLY MODIFIED ROOF SYSTEM. THIS NEW CONSTRUCTION WILL INCLUDE FIVE MULTI-PURPOSE ROOMS (TWO OF WHICH MAY BE SUB-DIVIDED WITH FOLDING PARTITIONS), A LOBBY, MEN'S AND WOMEN'S GANG RESTROOMS, A NOURISHMENT PREP. ROOM, SEVERAL STORAGE AND MECHANICAL / ELECTRICAL ROOMS AND AN ADMINISTRATIVE OFFICE SUITE. THE PROJECT IS LOCATED NAT THE WESTERN END OF THE FLORENCE FULLER WEST CAMPUS PROPERTY LOCATED AT S.W. 185TH STREET IN UNINCORPORATED PALM BEACH COUNTY, BOCA RATON, FLORIDA. THE BUILDING IS TO BE TYPE V UNPROTECTED, FULLY SPRINKLERED CONSTRUCTION. THE PROJECT INCLUDES SITEWORK, LANDSCAPING, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND INTERIOR DESIGN FINISHES & FIXTURES WORK. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

01250 FOR MINOR CHANGES IN THE WORK, THE ARCHITECT WILL ISSUE SUPPLEMENTAL INSTRUCTIONS AUTHORIZING MINOR CHANGES IN THE WORK ON AIA FORM G710. FOR OWNER-INITIATED CHANGES, THE ARCHITECT WILL ISSUE AN CHANGE ORDER PROPOSAL REQUEST WITH A DESCRIPTION OF PROPOSED OWNER-INITIATED CHANGES IN THE WORK THAT REQUIRE ADJUSTMENT TO THE CONTRACT SUM OR TIME. THE DESCRIPTION MAY INCLUDE SUPPLEMENTAL OR REVERSED DRAWINGS AND SPECIFICATIONS. PROPOSAL REQUESTS ARE FOR INFORMATION ONLY. DO NOT CONSIDER THEM AN INSTRUCTION TO STOP WORK OR TO EXECUTE THE PROPOSED CHANGE. THE ARCHITECT MAY ISSUE A FIELD DIRECTIVE TO SUPPLEMENT OR REVISE THE CONTRACT DOCUMENTS FOR LARGER MORE INVOLVED CHANGES. THE FIELD DIRECTIVE CONTAINS A DESCRIPTION OF THE CHANGE AND DESIGNATES THE METHOD TO BE FOLLOWED TO DETERMINE CHANGE IN THE CONTRACT SUM OR TIME. MAINTAIN DETAILED RECORDS OF WORK REQUIRED BY THE FIELD DIRECTIVE. WHEN UNFORESEEN CONDITIONS REQUIRE MODIFICATIONS, THE CONTRACTOR MAY SUBMIT A REQUEST FOR A CHANGE TO THE ARCHITECT. DESCRIBE THE PROPOSED CHANGE. INDICATE REASONS FOR THE CHANGE AND THE EFFECT OF THE CHANGE ON THE CONTRACT SUM AND TIME. WITHIN 20 DAYS OF RECEIPT, SUBMIT AN ESTIMATE OF COST NECESSARY TO EXECUTE THE CHANGE FOR THE OWNER'S REVIEW. INCLUDE AN ITEMIZED LIST OF PRODUCTS REQUIRED AND UNIT COSTS. WITH THE TOTAL AMOUNT OF PURCHASES OF TRADE DISCOUNTS, DELIVERY CHARGES, EQUIPMENT RENTAL, AND AMOUNTS OF TRADE DISCOUNTS. INDICATE THE EFFECT THE CHANGE WILL HAVE ON THE CONTRACT TIME. UPON THE OWNER'S APPROVAL OF A PROPOSAL REQUEST, THE ARCHITECT WILL ISSUE A CHANGE ORDER.

01290 APPLICATIONS FOR PAYMENT SHALL BE COORDINATED WITH THE SCHEDULE OF VALUES, THE CONTRACTOR'S CONSTRUCTION SCHEDULE, SUBMITTAL SCHEDULE, AND LIST OF SUBCONTRACTS. SUBMIT THE SCHEDULE OF VALUES AT THE EARLIEST POSSIBLE DATE BUT NO LATER THAN 7 DAYS BEFORE THE DATE SCHEDULED FOR SUBMITTAL OF THE INITIAL APPLICATIONS FOR PAYMENT. UTILIZE A BREAKDOWN OF THE CONTRACT SUM IN SUFFICIENT DETAIL AND AGREEABLE TO THE ARCHITECT TO FACILITATE EVALUATION OF APPLICATIONS FOR PAYMENT. UPDATE AND RESUBMIT THE SCHEDULE OF VALUES WHEN CHANGE ORDERS OR CONSTRUCTION CHANGE DIRECTIVES CHANGE THE CONTRACT SUM. APPLICATIONS FOR PAYMENT SHALL BE CONSISTENT WITH PREVIOUS APPLICATIONS AND PAYMENTS AS CERTIFIED BY THE ARCHITECT AND PAID FOR BY THE OWNER. SUBMIT 3 EXECUTED NOTORIZED ORIGINAL COPIES OF EACH APPLICATION FOR PAYMENT TO THE ARCHITECT, INCLUDING WAIVERS OF LIEN AND SIMILAR ATTACHMENTS. WITH EACH APPLICATION FOR PAYMENT, SUBMIT WAIVERS OF LIEN FROM EVERY ENTITY WHO MAY FILE A LIEN ARISING OUT OF THE CONTRACT AND RELATED TO THE WORK COVERED BY THE PAYMENT. SUBMIT PARTIAL WAIVERS ON EACH ITEM FOR THE AMOUNT REQUESTED, PRIOR TO DEDUCTION FOR RETAINAGE, ON EACH ITEM, WHEN AN APPLICATION SHOWS COMPLETION OF AN ITEM, SUBMIT FINAL OR FULL WAIVERS. SUBMIT FINAL APPLICATIONS FOR PAYMENT WITH FINAL WAIVERS FROM EVERY ENTITY INVOLVED WITH PERFORMANCE OF THE WORK COVERED BY THE APPLICATION WHO MAY FILE A LIEN. FOLLOWING ISSUANCE OF THE CERTIFICATE OF SUBSTANTIAL COMPLETION, SUBMIT AN APPLICATION FOR PAYMENT. THIS APPLICATION SHALL REFLECT CERTIFICATES OF PARTIAL SUBSTANTIAL COMPLETION ISSUED PREVIOUSLY FOR OWNER OCCUPANCY OF DESIGNATED PORTIONS OF THE WORK. ADMINISTRATIVE ACTIONS AND SUBMITTALS THAT SHALL PRECEDE OR CONCOIDE WITH THIS APPLICATION INCLUDE OCCUPANCY PERMITS, WARRANTIES AND MAINTENANCE AGREEMENTS, TEST/ADJUST/BALANCE RECORDS, MAINTENANCE INSTRUCTIONS, MEIER READINGS, CHANGEORDER INFORMATION RELATED TO OWNERS OCCUPANCY, FINAL CLEANING, APPLICATION FOR REDUCTION OF RETAINAGE AND CONSENT OF SURETY. ADMINISTRATIVE ACTIONS AND SUBMITTALS THAT MUST PRECEDE OR CONCOIDE WITH SUBMITTAL OF THE FINAL APPLICATION FOR PAYMENT INCLUDE COMPLETION OF PROJECT CLOSEOUT REQUIREMENTS, COMPLETION OF ITEMS SPECIFIED FOR COMPLETION AFTER SUBSTANTIAL COMPLETION, TRANSMITTAL OF PROJECT CONSTRUCTION RECORDS TO THE OWNER, CERTIFIED PROPERTY SURVEY, PROOF THAT TAXES, FEES, AND SIMILAR OBLIGATIONS WERE PAID. REMOVAL OF TEMPORARY FACILITIES AND SERVICES, AND CHANGE OF DOOR LOCKS TO OWNERS ACCESS.

01310 CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING, AND COORDINATION OF ALL WORK TO ASSURE EFFICIENT AND ORDERLY SEQUENCE AND INSTALLATION OF INTERDEPENDENT CONSTRUCTION ELEMENTS. ALL DIMENSIONS SHOWN ON THIS PLAN ARE NOMINAL. THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST ACTUAL CONSTRUCTION DIMENSIONS SLIGHTLY TO ALLOW FOR EXACT MATERIAL THICKNESSES. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL REVIEW CONTRACT DOCUMENTS FOR THE PROJECT AND VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY OBSERVED DISCREPANCIES PRIOR TO START OF CONSTRUCTION.

01320 KEEP ONE (1) SET OF RECORD DRAWINGS FOR AS-BUILTS AT THE JOB SITE. NEARLY MARK CHANGES WITH RED PENCIL. SHOW ACTUAL LOCATIONS OF ITEMS AS INSTALLED. MARKUP SCHEDULES TO SHOW CORRECT DATA. AT COMPLETION OF PROJECT, SIGN SETS OF PRINTS CERTIFYING THAT THESE PRINTS ARE ACTUAL AS-BUILT CONDITIONS AND TURN OVER TO ARCHITECT.

01330 CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WHICH ILLUSTRATE EXACT PRODUCT PROPOSED, BUILDING DEPARTMENT PRODUCT APPROVAL, TESTING AGENCY APPROVAL REPORTS, DIMENSIONS, FABRICATION, SAMPLES, LAOUT, SETTING OR ERECTION DETAILS AS NECESSARY TO CLEARLY DEPCT TO THE ARCHITECT THE INTENDED MATERIALS AND METHODS OF CONSTRUCTION AND TO ALLOW ARCHITECT TO MAKE APPROPRIATE SELECTION OF AVAILABLE COLOR AND FINISH. CONTRACTOR SHALL COORDINATE PREPARATION AND PROCESSING OF SUBMITTALS WITH PERFORMANCE OF CONSTRUCTION ACTIVITIES TO AVOID DELAYS ALLOWING A/E CONSULTANTS WITHIN 14 DAYS FOR REVIEW. DO NOT MAKE PARTIAL SUBMITTALS. TAKE FIELD MEASUREMENTS AND SUBMIT CUT SHEETS, BROCHURES, PERFORMANCE CHARTS, AND PALETTE OF AVAILABLE PATTERNS AND COLORS WHERE ARCHITECT'S SELECTION IS REQUIRED. ARCHITECT WILL ASSIST IN PROVIDING ADDITIONAL DIMENSIONS OR CLARIFICATIONS IF NEEDED, BUT CONTRACTOR IS RESPONSIBLE FOR ACTUAL FIELD ADJUSTED DIMENSIONS. ARCHITECT IS NOT RESPONSIBLE TO CHECK DIMENSIONS ON SHOP DRAWINGS. GENERAL CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLIANCE. CLOUD AND IDENTIFY ANY DEVIATIONS FROM CONTRACT DOCUMENTS. NOTE CORRECTIONS AND FIELD DIMENSIONS FROM WHICH ARE NOT IDENTIFIED BECOME THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ARRANGE NUMBER OF COPIES DURING PRECONSTRUCTION MEETING. SUBMIT MANUFACTURER AND INSTALLER QUALIFICATION, WELDING CERTIFICATES, MAINTENANCE DATA AND ANY OTHER PERTINENT INFORMATION WITH SUBMITTAL. GENERAL CONTRACTOR REMAINS SOLELY RESPONSIBLE TO COORDINATE BETWEEN TRADES, AND CONFIRM THAT THE DETAILS, DIMENSIONS, MANUFACTURER, AND INSTALLATION COMPLY WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS.

01400 GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY CONTROL OF ALL WORK PERFORMED BY ANY OF IT'S SUPPLIERS AND SUB-CONTRACTORS. PRODUCT MANUFACTURERS SHALL BE COMPANIES SPECIALIZING IN THE PRODUCTION OF THEIR SPECIFIC PRODUCT WITH A MINIMUM TEN YEARS DOCUMENTED EXPERIENCE. APPLICATIONS SHALL BE 5 YEARS DOCUMENTED EXPERIENCE. COMPLY FULLY WITH MANUFACTURERS INSTRUCTIONS, AND INDUSTRY STANDARDS. INSURE THAT WORK IS ONLY PERFORMED BY PERSONS PROPERLY TRAINED AND QUALIFIED TO PERFORM WORK TO INDUSTRY STANDARDS. AS A RULE OF TOLERANCE, ALL WORK SHALL BE WITHIN 1/8" IN 10' OF FLAT, LEVEL AND TRUE.

01460 THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW DESIGN INTENT ONLY. THEY DO NOT SHOW EVERY MINOR DETAIL OF CONSTRUCTION. IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO CALL FOR FINISHED WORK, TESTED AND READY FOR OPERATION. ALL TRADES ARE RESPONSIBLE FOR FURNISHING COMPLETE BUILDING SYSTEMS AND ALL ITEMS THAT WOULD NORMALLY BE CONSIDERED INCIDENTAL TO THEIR INSTALLATION, ANY APPARATUS, APPLIANCE, MATERIAL OR WORK NOT SHOWN ON THE DRAWINGS BUT MENTIONED IN THE SPECIFICATIONS, OR VICE VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE IN ALL RESPECTS AND READY FOR OPERATION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE OWNER. ALL SYSTEMS AND THEIR ASSOCIATED CONTROLS MUST BE COMPLETELY INSTALLED, CONNECTED AND OPERATING TO THE SATISFACTION OF THE ARCHITECT/ENGINEER PRIOR TO FINAL ACCEPTANCE BY THE OWNER.

01500 CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRICITY, LIGHTING, VENTILATION, TELEPHONE SERVICE, POTABLE WATER, FIRE EXTINGUISHERS, SELF-CONTAINED TOILET UNITS, DRINKING-WATER FIXTURES, PUBLIC SAFETY BARRIERS, ENCLOSURES, SECURITY, SIGNAGE AND ANY OTHER NECESSARY SERVICE AS REQUIRED TO ALLOW EFFICIENT WORK AND TO SATISFY OSHA AND OTHER RELEVANT REGULATIONS. TEMPORARY ROOMS AND DEWATERING FACILITIES SHALL BE PROVIDED WHERE NECESSARY. CONTRACTOR SHALL PROVIDE AN INSULATED WEATHERTIGHT, AIR-CONDITIONED FIELD OFFICE FOR USE AS A COMMON FACILITY BY ALL PERSONNEL ENGAGED IN CONSTRUCTION ACTIVITIES. OF SUFFICIENT SIZE TO ACCOMMODATE REQUIRED OFFICE PERSONNEL AND MEETINGS AT THE PROJECT SITE. FURNISH AND EQUIP OFFICE WITH DESK AND FOUR CHAIRS, FOUR-DRAWER FILE CABINET, A PLAN TABLE, A PLAN RACK, COPY MACHINE, FAX MACHINE, AND SUPPLIES.

01600 ALL MATERIALS USED IN CONSTRUCTION SHALL BE NEW AND IN ORIGINAL WRAPPER WHEN DELIVERED TO THE SITE. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT MATERIALS FROM SOLING, MOISTURE DISTURBANCE, OR DAMAGE. NO ASBESTOS IN ANY FORM WILL BE PERMITTED IN THIS BUILDING.

01631 PROVIDE SPECIFIED PRODUCTS UNLESS A SUBSTITUTION HAS BEEN PRESENTED BY THE GENERAL CONTRACTOR TO THE ARCHITECT AND APPROVED IN WRITING. SUBMIT ALL MATERIAL NECESSARY FOR THE ARCHITECT TO COMPARE THE PROPOSED SUBSTITUTION TO THE SPECIFIED PRODUCT. IDENTIFY THE BENEFITS OF THE USE OF THE SUBSTITUTION OVER THE SPECIFIED PRODUCT. PROVIDE THE SAME WARRANTY FOR SUBSTITUTED PRODUCTS AS IS REQUIRED FOR THE SPECIFIED PRODUCT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST WHICH ARISE FROM CHANGES TO WORK OR OTHERWISE AS A RESULT OF THE USE OF THE SUBSTITUTION.

01700 CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL MATERIALS AND LABOR AS NECESSARY TO CONSTRUCT THE FACILITY DEPICTED ON THESE PLANS. CONTRACTOR SHALL COORDINATE FIT AND FINISH TO PRODUCE THE PROJECT DEPICTED ON THE CONSTRUCTION DOCUMENTS. ARCHITECT WILL ASSIST IN PROVIDING ADDITIONAL DIMENSIONS OR CLARIFICATIONS IF NEEDED, BUT CONTRACTOR IS RESPONSIBLE FOR ACTUAL FIELD ADJUSTED DIMENSIONS. CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS, LICENSES, INSPECTIONS AND ALL OTHER REQUIRED FEES. THIS FACILITY SHALL BE CONSTRUCTED IN FULL COMPLIANCE WITH ALL APPLICABLE CODES, ORDINANCES, AND GOVERNMENTAL REGULATIONS IN EFFECT AT THE TIME OF CONSTRUCTION.

01731 CUTTING OF STEEL, WOOD, OR OTHER MAIN STRUCTURAL MEMBERS IS NOT ALLOWED WITHOUT WRITTEN APPROVAL OF STRUCTURAL ENGINEER PRIOR TO CUTTING. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ADJACENT PROPERTY AND TO PATCH AND REPAIR TO AS IT WAS OR BETTER CONDITION WHEN DAMAGE OCCURS OR IT BECOMES NECESSARY TO DISTURB ADJACENT PROPERTY.

01770 UPON SUBSTANTIAL COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL WALK THE FACILITY WITH THE OWNER AND ARCHITECT AND DEMONSTRATE OPERATION OF EQUIPMENT. RECORD ITEMS OWNER OR ARCHITECT ARE DISSATISFIED WITH AND COORDINATE SUBCONTRACTORS CORRECTION OF SAME. THE CONTRACTOR MAY REDUCE RETAINAGE TO 5% ON THE APPLICATION FOR PAYMENT FOLLOWING SUBSTANTIAL COMPLETION. UPON FINAL COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL SUBMIT FINAL APPLICATION FOR PAYMENT ADJUSTED TO REDUCE RETAINAGE TO 0% AND TURN OVER TO THE OWNER A CLEAN FACILITY, WITH CERTIFICATE OF OCCUPANCY, RECORD DOCUMENTS, MECHANICAL AND ELECTRICAL INSPECTION CERTIFICATES, WARRANTIES AND BONDS, EVIDENCE OF PAYMENT AND RELEASE OF LIENS, KEYS AND KEVING SCHEDULE, AND OPERATION AND MAINTENANCE MANUALS.

02070 DEMOLISH EXISTING CONSTRUCTION AND IMPROVEMENTS WITHIN WORK AREA COMPLETELY. REMOVE ALL MANMADE ITEMS EXCEPT ITEMS INDICATED TO REMAIN. REMOVE AND LEGALLY DISPOSE OF DEMOLISHED MATERIALS OFF-SITE. PROJECT SITEWORK AND ADJACENT STRUCTURES. COORDINATE DISCONNECTION, CAPPING AND REMOVAL OF UTILITIES. ASBESTOS AND HAZARDOUS MATERIALS DEMOLITION OR REMOVAL WORK IS NOT PART OF THIS CONTRACT. SUBMIT FOR APPROVAL DEMOLITION SCHEDULE. COMPLY WITH GOVERNING CODES AND REGULATIONS. USE EXPERIENCED INSTALLERS. DO NOT DAMAGE BUILDING ELEMENTS AND IMPROVEMENTS INDICATED TO REMAIN. ITEMS OF SALVAGE VALUE AND NOT INCLUDED ON SCHEDULE OF SALVAGE ITEMS TO BE RETURNED TO OWNER SHALL BE REMOVED FROM STRUCTURE. STORAGE OR SALE OF ITEMS AT PROJECT SITE IS PROHIBITED. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, DRIVES OR OTHER OCCUPIED OR USED SPACES OR FACILITIES WITHOUT THE WRITTEN PERMISSION OF THE OWNER AND THE AUTHORITIES HAVING JURISDICTION. DO NOT INTERRUPT UTILITIES SERVING OCCUPIED OR USED FACILITIES WITHOUT THE WRITTEN PERMISSION OF THE OWNER AND AUTHORITIES HAVING JURISDICTION. IF NECESSARY, PROVIDE TEMPORARY UTILITIES. CEASE OPERATIONS IF PUBLIC SAFETY OR REMAINING STRUCTURES ARE ENDANGERED. PERFORM TEMPORARY CORRECTIVE MEASURES UNTIL OPERATIONS CAN BE CONTINUED PROPERLY.

02230 CLEAR AND GRUB TREES, STUMPS, VEGETATION, DEBRIS, RUBBISH, AND DESIGNATED IMPROVEMENTS FROM SITE. PROTECT TREES, LANDSCAPING, SITE IMPROVEMENTS, AND OTHER ITEMS NOT SCHEDULED FOR CLEARING, OR THAT MIGHT BE DAMAGED BY CONSTRUCTION ACTIVITIES. STRIP TOPSOIL AND STOCKPILE AT APPROVED LOCATION ON-SITE. PROVIDE TEMPORARY EROSION AND DUST CONTROL. DO NOT DISTURB BENCHMARKS OR MONUMENTS. COMPLY WITH GOVERNING CODES AND REGULATIONS. USE EXPERIENCED WORKMEN. PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED TO REMAIN, INCLUDING IMPROVEMENTS ON AND OFF SITE. PROTECT EXISTING TREES AND VEGETATION INDICATED TO REMAIN. DO NOT STOCKPILE MATERIALS AND RESTRICT TRAFFIC WITHIN RIP-LINE OF TREES. PROVIDE AND MAINTAIN TEMPORARY GIARDS TO ENCLOSE TREES OR GROUPS OF TREES. OBSTAIN APPROVAL BEFORE BEGINNING WORK. WATER VEGETATION AS REQUIRED TO MAINTAIN HEALTH. COVER TEMPORARILY EXPOSED ROOTS WITH WET BurlAP AND BACKFILL AS SOON AS POSSIBLE. COAT CUT PLANT SURFACES WITH APPROVED EMULSIFIED ASPHALT PLANT COATING. REPAIR OR REPLACE VEGETATION WHICH HAS BEEN DAMAGED OR PAV DAMAGE. REMOVE HEAVY GROUNTHS OF GRASS BEFORE STRIPPING. STOCKPILE SATISFACTORY TOPSOIL WITHOUT STONES, FOREIGN MATTER AND WEEDS IN LOCATIONS DIRECTED. COMPLETELY REMOVE ALL IMPROVEMENTS INCLUDING STUMPS AND DEBRIS EXCEPT FOR THOSE INDICATED TO REMAIN. REMOVE BELOW GRADE IMPROVEMENTS AT LEAST 12" BELOW FINISH GRADE AND TO THE EXTENT NECESSARY TO NOT INTERFERE WITH NEW CONSTRUCTION. REMOVE ABANDONED MECHANICAL AND ELECTRICAL WORK AS REQUIRED. PREVENT EROSION AND SILTATION OF STREETS, CATCH BASINS AND PIPING. CONTROL WINDBLOWN DUST. REMOVE WASTE MATERIALS AND UNSATISFACTORY TOPSOIL FROM SITE AND DISPOSE OF IN A LEGAL MANNER.

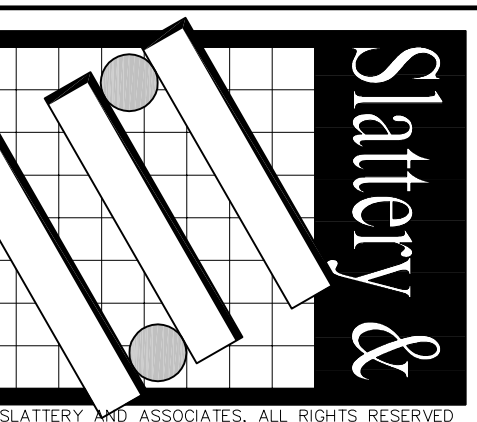
02300 PERFORM EXCAVATION, FILLING, COMPACTING AND GRADING OPERATIONS BOTH INSIDE AND OUTSIDE BUILDING LIMITS AS REQUIRED FOR BELOW-GRADE IMPROVEMENTS AND TO ACHIEVE CONTOURS AND ELEVATIONS INDICATED. PROVIDE TRENCHING AND BACKFILL FOR MECHANICAL, AND ELECTRICAL WORK AND UTILITIES. PROVIDE SUBBASE MATERIALS, DRAINAGE FILL, AND COMMON FILL MATERIALS FOR SLABS, PAVEMENTS, AND IMPROVEMENTS. PROVIDE SUITABLE FILL FROM OFFSITE IF ON-SITE QUANTITIES ARE INSUFFICIENT OR UNACCEPTABLE, AND LEGALLY DISPOSE OF EXCESS FILL OFFSITE. PROVIDE ROCK EXCAVATION WITHOUT BLASTING UNLESS BLASTING IS SPECIFICALLY AUTHORIZED. SUBMIT FOR APPROVAL TEST REPORTS, LIST OF MATERIALS AND GRADATIONS PROPOSED FOR USE. COMPLY WITH GOVERNING CODES AND REGULATIONS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTION. SUBBASE MATERIA SHALL BE GRAVEL OR CRUSHED STONE GRADED FOR INTENDED USE AS SUBBASE FOR PAVING MATERIALS SPECIFIED. DRAINAGE FILL SHALL BE WASHED GRAVEL OR CRUSHED STONE, 1/4" TO 3/4" SIZE; ASTM C33, SIZE 67. COMMON FILL SHALL BE MINERAL SOIL SUBSTANTIALLY FREE FROM ORGANIC AND UNSUITABLE MATERIALS, AND FREE FROM ROCK OR GRAVEL LARGER THAN 2" IN DIAMETER; 80 PERCENT PASSING NO. 40 SIEVE AND NOT MORE THAN 50 PERCENT PASSING NO. 200 SIEVE. STRUCTURAL FILL SHALL BE GRAVEL OR SANDY GRAVEL FREE OF ORGANIC AND UNSUITABLE MATERIALS AND WITHIN THE FOLLOWING GRADATION LIMITS: 4" SIEVE, 100 PERCENT FINER BY WEIGHT; 1" SIEVE, 60 TO 100 PERCENT; NO. 50 SIEVE, 4 TO 35 PERCENT; NO. 20 SIEVE, 10 TO 60 PERCENT; NO. 50 SIEVE, 4 TO 35 PERCENT; NO. 200 SIEVE, 0 TO 5 PERCENT. EXCAVATION IS UNCLASSIFIED AND INCLUDES EXCAVATION TO SUBGRADE REGARDLESS OF MATERIALS ENCOUNTERED. DO NOT PERFORM WORK WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER. IF SUBGRADE MATERIAL IS UNSUITABLE FOR INTENDED USE, MAINTAIN STABILITY OF EXCAVATIONS; COORDINATE SHORING AND BRACING AS REQUIRED BY WATER FROM ACCUMULATING IN EXCAVATIONS. STOCKPILE SATISFACTORY

MATERIALS FOR REUSE. ALLOW FOR PROPER DRAINAGE AND DO NOT STOCKPILE MATERIALS WITHIN DRIP LINE OF TREES TO REMAIN. COMPACT MATERIALS AT THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D1557 BY AERATION OR WETTING. PLACE ACCEPTABLE MATERIALS IN LAYERS NOT MORE THAN 8" LOOSE DEPTH FOR MATERIALS COMPACTED BY HEAVY EQUIPMENT AND NOT MORE THAN 4" LOOSE DEPTH FOR MATERIALS COMPACTED BY HAND EQUIPMENT. GRADE TO WITHIN 1/2" ABOVE OR BELOW REQUIRED SUBGRADE AND WITHIN A TOLERANCE OF 1/2" IN TEN FEET. PROTECT NEWLY GRADED AREAS FROM TRAFFIC AND EROSION. RECOMPACT AND REGRADE SETTLED, DISTURBED AND DAMAGED AREAS AS NECESSARY TO RESTORE QUALITY, APPEARANCE, AND CONDITION OF WORK. CONTROL EROSION AND WINDBLOWN DUST. DISPOSE OF WASTE AND UNSUITABLE MATERIALS OFF SITE IN A LEGAL MANNER.

02361 PROVIDE SOIL TREATMENT FOR TERMITTE CONTROL AT THE END OF EARTHWORK OPERATIONS. SUBMIT FOR APPROVAL PRODUCT DATA, WARRANTY, COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. PROVIDE WRITTEN WARRANTY AGREEING TO RE-TREAT SOIL AND REPAIR DAMAGE CAUSED BY TERMITE INFESTATION, CARPENTER ANTS AND OTHER PESTS DURING 5 YEAR PERIOD FROM DATE OF SUBSTANTIAL COMPLETION. AN INSECTICIDE PROVEN TO PREVENT INFESTATION, ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND NOT INJURIOUS TO PLANTS AND LANDSCAPING. TREAT SOIL IN STRICT COMPLIANCE WITH NATIONAL PEST CONTROL ASSOCIATION STANDARDS AND WITH MANUFACTURERS PRINTED INSTRUCTIONS AND RECOMMENDATIONS. DO NOT BEGIN TREATMENT WORK UNTIL ALL EXCAVATION, FILLING AND GRADING IS COMPLETED. DO NOT APPLY TREATMENT TO FROZEN OR EXCESSIVELY WET SOILS. POST SIGNS AND OTHER WARNINGS INDICATING THAT SOIL POISONING HAS BEEN APPLIED. PROTECT PERSONS AND PROPERTY FROM INJURY OR DAMAGE FROM SOIL TREATMENT WORK.

02821 PROVIDE CHAIN LINK FENCES AND GATES AS INDICATED ON THE DRAWINGS. FENCING TO BE 6" WITH SWING TYPE GATES. TYPICAL LINE POST SPACING TO BE 10' O.C. WITH TOP AND CENTER RAILS REQUIRED. SUBMIT PROJECT SPECIFIC SHOP DRAWINGS, MANUFACTURERS TECHNICAL DATA, SPECIFICATIONS, PVC COLOR OPTIONS, AND INSTALLATION INSTRUCTIONS FOR FENCE, GATES AND ACCESSORIES. ENGAGE AN EXPERIENCED INSTALLER WITH AT LEAST THREE YEARS EXPERIENCE. VERIFY LAYOUT INFORMATION WITH THE PROPERTY SURVEY AND EXISTING STRUCTURES. STEEL CHAIN-LINK FENCE FABRIC SHALL BE FABRICATED BY AMERICAN CHAIN LINK FENCE COMPANY OR APPROVED EQUAL. IN ONE-PIECE WIDTHS FOR FENCING IN HEIGHT INDICATED TO COMPLY WITH CHAIN LINK FENCE MANUFACTURERS INSTITUTE (LFPM) "PRODUCT MANUAL". MESH AND WIRE SIZE SHALL BE 1-3/4" MESH, 0.120" DIAMETER (11 GAGE) WITH ASTM F 668, CLASS 2B, PVC COATING, PVC COATING COLOR SHALL BE AS SELECTED BY ARCHITECT. FRAMING SHALL BE ROUND MEMBER GALVANIZED-STEEL TUBING CONFORMING TO ASTM F 761 WITH A MINIMUM INSIDE AND OUTSIDE PROTECTIVE COATING OF 0.6 OZ. OF ZINC PER SQ. FT. LINE POSTS SHALL BE 1.900" OD WITH 0.065" MINIMUM WALL THICKNESS. TERMINAL AND CORNER POSTS SHALL BE 2.375" OD WITH 0.065" MINIMUM WALL THICKNESS. GATE POSTS SHALL BE 2.375" OD WITH 0.130" MINIMUM WALL THICKNESS. POSTS SHALL BE TYPE I ROUND STANDARD WEIGHT (SCHEDULE 40) GALVANIZED-STEEL PIPE WITH MINIMUM YIELD STRENGTH OF 25,000 PSI. TOP RAIL SHALL BE 1.660" OD STEEL PIPE IN MANUFACTURERS LONGEST LENGTH WITH SWEGED-END OR 6" EXPANSION-TYPE COUPLING. FITTINGS AND ACCESSORIES SHALL BE HOT-DIP GALVANIZED PRESSED STEEL OR CAST-IRON FENCE FITTINGS AND ACCESSORIES WITH AT LEAST 1.2 OZ. ZINC PER SQ. FT. PROVIDE LINE POST CAPS WITH LOOP TO RECEIVE TOP RAIL OR WEATHERTIGHT CLOSURE CAP FOR EACH POST. SET GATE AND CORNER POSTS IN 3000 PSI CONCRETE FOUNDATION. FABRICATE GATES ACCORDING TO ASTM F 654. ASSEMBLE GATE FRAMES BY WELDING HORIZONTAL AND VERTICAL MEMBERS TO ENSURE PROPER GATE OPERATION AND ATTACHMENT OF FABRIC, HARDWARE AND ACCESSORIES. FABRIC SHALL BE SAME FOR GATE AND FENCE, AND SHALL BE SECURED AT VERTICAL EDGES WITH TENSION BARS AND BANDS AND TO TOP AND BOTTOM OF FRAME WITH THE WIRES. PROVIDE THREE GATE HINGES PER GATE OF SIZE AND MATERIAL TO SUIT GATE SIZE, NONLIFTOFF-TYPE, OFFSET TO PERMIT 1800 GATE OPENING. LATCH SHALL BE FORKED TYPE OR PLUMBERBAR TYPE TO PERMIT OPERATION FROM EITHER SIDE OF GATE. WITH PADLOCK EYE AS AN INTEGRAL PART OF LATCH. EXCAVATE HOLES FOR GATE AND CORNER POSTS TO NOT LESS THAN FOUR TIMES THE LARGEST CROSS-SECTION OF POST AND 3" LOWER THAN POST BOTTOM, WITH BOTTOM OF POSTS SET NOT LESS THAN 36" BELOW FINISH GRADE SURFACE. PLACE CONCRETE AROUND POSTS AND VIBRATE FOR CONSOLIDATION. RUN TOP RAIL CONTINUOUSLY THROUGH LINE POST CAPS, BENDING TO RADIIUS FOR CURVED RUNS AND AT OTHER POSTS TERMINATING INTO RAIL END ATTACHED TO POSTS OR POST CAPS FABRICATED TO RECEIVE RAIL. INSTALL CENTER RAILS IN ONE PIECE BETWEEN POSTS AND FLUSH WITH POST ON FABRIC SIDE. USING RAIL ENDS AND SPECIAL OFFSET FITTINGS WHERE NECESSARY. INSTALL BRACES AT END AND GATE POSTS AND AT BOTH SIDES OF CORNER AND PULL POSTS. INSTALL BOTTOM TENSION WIRE AT BOTTOM OF FABRIC BEFORE STRETCHING FABRIC AND TIE TO EACH POST WITH NOT LESS THAN SAME GAGE AND TYPE OF WIRE. PULL WIRE TAUT, WITHOUT SAGS. FASTEN FABRIC TO TENSION WIRE AS FABRIC WIRE, SPACED A MAXIMUM OF 24" O.C. PULL FABRIC TAUT AND TIE TO POSTS, RAILS, AND TENSION WIRES. INSTALL FABRIC ON SECURITY SIDE OF FENCE, AND ANCHOR TO FRAMEWORK SO THAT FABRIC REMAINS UNDER TENSION AFTER PULLING FORCE IS RELEASED. USE THE WIRES OF PROPER LENGTH TO SECURE FABRIC FIRMLY TO POSTS AND RAILS. THE FABRIC TO LINE POSTS 12" O.C. AND TO RAILS AND BRACES 24" O.C. ADJUST HARDWARE FOR SMOOTH OPERATION AND LUBRICATE WHERE NECESSARY. INSTALL GATES ACCORDING TO MANUFACTURERS INSTRUCTIONS.

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**ACTIVITY CENTER
FOR
FLORENCE FULLER CHILD DEVELOPMENT CENTERS
WEST CAMPUS
S.W. 185TH STREET
BOCA RATON, PALM BEACH COUNTY, FLORIDA**

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