

SPECIFICATIONS

I. GENERAL REQUIREMENTS

- A. THE PLANS AND SPECIFICATIONS ARE INTENDED TO GIVE A DESCRIPTION OF THE WORK...
B. THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR AND SHALL HAVE CONTROL OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND SAFETY PRECAUTIONS AND PROCEDURES USED TO CONSTRUCT THE WORK.
C. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL (INCLUDING TAXES) AND EQUIPMENT AS NECESSARY TO COMPLETE THE WORK...

- E. THE SLAB-ON-GRADE FLOOR FINISHES/LEVELNESS SHALL MEET TO THE FOLLOWING CRITERIA:
1. TOP OF FLOOR ELEVATION SHALL BE WITHIN 3/4" OF DESIGN ELEVATION IN ACCORDANCE TO ACI 117 TOLERANCES.
2. THE SPECIFIED OVERALL VALUE FOR THE FLOOR FINISHES/LEVELNESS IS AS FOLLOWS:
A. NONCRITICAL MECHANICAL ROOMS, NON-PUBLIC AREAS, AND PARKING - FF20 / FL15...

- F. INSTALL EIFS IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS AND AS SHOWN ON PLANS.
G. ALL SURROUNDING AREAS, WHERE THE EIFS HAS BEEN INSTALLED, SHALL BE LEFT FREE OF DEBRIS AND FOREIGN SUBSTANCES RESULTING FROM THE WORK.
H. PROTECT FINISHED WORK FROM INCREMENT WEATHER UNTIL DRY AND PERMANENT PROTECTION IN THE FORM OF FLASHINGS, SEALANTS, ETC. ARE INSTALLED.

- XI. DRYWALL
A. DRYWALL SHALL BE INSTALLED PER THE LATEST EDITIONS OF "RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD" GA-216 AS PUBLISHED BY THE GYPSUM ASSOCIATION AND THE "GYPSUM CONSTRUCTION HANDBOOK" AS PUBLISHED BY UNITED STATES GYPSUM COMPANY.
XII. DRYWALL
A. DRYWALL SHALL BE INSTALLED PER THE LATEST EDITIONS OF "RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD" GA-216 AS PUBLISHED BY THE GYPSUM ASSOCIATION...

- XV. SIGNAGE
A. REQUIREMENTS
1. CONTRACTOR TO FURNISH AND INSTALL SIGNAGE PER LOCAL, STATE, AND FEDERAL CODES AND PER ROOM FINISH SCHEDULE.
2. ALL SIGNAGE SHALL MEET THE REQUIREMENTS OF THE A.D.A. AND AMS.
XVI. FIRE PROTECTION WORK
A. REQUIREMENTS
1. ASPENDENTAL TO FURNISH AND INSTALL EXTINGUISHERS PER LOCAL, STATE, AND FEDERAL CODES...

- H. SUBMIT FIVE (5) COPIES OF STRUCTURAL (HVAC, PLUMBING, FIRE PROTECTION AND ELECTRICAL IF THIS PLAN) SHOP DRAWINGS TO EXCEL ENGINEERING, INC. FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION. SHOP DRAWINGS SHALL BE REVIEWED AND STAMPED BY THE CONTRACTOR PRIOR TO SUBMITTING FOR APPROVAL. SHOP DRAWING SUBMITTALS MUST BE 100% COMPLETE AND IN ONE (1) PACKAGE FOR THE ITEM BEING SUBMITTED.
I. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR SHALL SUBMIT TO THE OWNER A CERTIFICATE OF INSURANCE FOR NOT LESS THAN THE FOLLOWING LIMITS:

- L. LIMIT MAXIMUM WATER-CEMENTITIOUS RATIO OF CONCRETE EXPOSED TO FREEZING, THAWING AND DEICING SALTS TO 0.45.
M. PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES.
N. CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO SAMPLE MATERIALS, PERFORM TESTS, AND SUBMIT TEST REPORTS DURING CONCRETE PLACEMENT...

- VI. INSULATION
A. ALL INSULATION MATERIALS AND INSTALLATION SHALL COMPLY WITH LOCAL AND STATE CODES.
B. PRODUCT: FIBERGLASS INSULATION TO BE FIBERGLASS CENTER ROLL COMING WITH ASTM C666 AND NONCOMBUSTIBLE PER ASTM E136. THICKNESS OR R-VALUE AS INDICATED ON PLANS.
C. PRODUCT: VAPOR RETARDER TO BE MEMBRANE VAPOR RETARDER INSTALLED ON WARM SIDE (NORMALLY INSIDE FACE OF THE PARTITION).

- XIII. FINISHES
A. REQUIREMENTS
1. PROVIDE AND INSTALL ALL FINISHES AS INDICATED ON PLANS.
2. INSTALL ALL MATERIALS PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.
3. "FINISH" INSTALLER INSPECT SUBSURFACE AND PREPARE AS PER MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION OF PRODUCT.
4. ALL FINISHES TO MEET ALL CODE REQUIREMENTS AND REGULATIONS INCLUDING FLAME SPREAD AND SMOKE DEVELOPMENT.

- XVII. TOILET ROOMS
A. REQUIREMENTS
1. ASPENDENTAL #117-1 APPROVED SIGNAGE SHALL BE PROVIDED FOR EACH TOILET ROOM TO DESIGNATE MEN, WOMEN, OR UNISEX.
XVIII. PLUMBING WORK
A. SEE PLUMBING PLANS FOR SPECIFICATIONS.
XIX. HEATING AND VENTILATION WORK
A. SEE HVAC PLANS FOR SPECIFICATIONS.
XX. ELECTRICAL WORK
A. SEE ELECTRICAL PLANS FOR SPECIFICATIONS.

- II. CONCRETE
A. DESIGN AND CONSTRUCTION OF ALL CAST-IN-PLACE CONCRETE WORK SHALL CONFORM TO ACI 318 BUILDING CODE AND CRSI MANUAL OF STANDARD PRACTICE.
B. CONCRETE SLAB CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF GEOTECHNICAL REPORT OR CONSTRUCTION DOCUMENTS.
C. DESIGN MIXES SHALL BE IN ACCORDANCE WITH ASTM C04.

- III. LUMBER
A. LUMBER SHALL BE GRADED AND STAMPED WITH MINIMUM STRUCTURAL DESIGN VALUES AS LISTED BELOW.
1. #1/2 DOUG FIR 850 PSI FIB, 95 PSI FV, 1600 KSI E (BEAMS, LINTELS & HEADERS, UNLESS NOTED)
2. #1/2 S.P.F. 875 PSI FIB, 1150 PSI FC, 1400 KSI E (ALL STUDS & PLATES, UNLESS NOTED)
3. LVL @ 1800 KSI E OR MICRO-LAM @ 1800 KSI E 2800 PSI FV, 285 PSI FV (OR AS NOTED ON THE PLANS)
4. WOOD HEADER MATERIAL SHALL BE FREE OF ALL SPLITS, SHAKES AND CHECKS.

- VII. SEALANTS
A. CAULK AROUND ALL WINDOWS, DOORS, VENT OPENINGS, WHERE DIFFERENT MATERIALS MEET, ROOF OPENINGS, EAVES, SOFFITS, JOINTS, COUNTERTOPS, DOOR FRAMES, ETC. AND AS REQUIRED FOR A WATERTIGHT CONNECTION.
VIII. DOORS, WINDOWS AND FRAMES
A. REQUIREMENTS
1. FURNISH AND INSTALL ALL DOORS AND WINDOW ASSEMBLIES AS INDICATED ON THE PLANS ALONG WITH ALL HARDWARE INDICATED AND THAT MAY BE REQUIRED FOR A COMPLETE JOB.

- XIV. PAINTING
A. FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND SUPPLYING REQUIREMENTS FOR COMPLETING SURFACE PREPARATION, PAINTING, FINISHING AND RELATED ITEMS.
B. EXCESS MATERIALS, CONTAINERS AND OTHER ITEMS NECESSARY FOR THE COMPLETION OF THE WORK MUST BE DISPOSED OF IN A MANNER THAT DOES NOT EXCEED THE STRICTEST LAWS GOVERNING THE PROJECT JURISDICTION AND JURISDICTION. THE PAINTING CONTRACTOR IS RESPONSIBLE FOR COMPLETE COMPLIANCE TO ALL DISPOSITION REGULATIONS.
C. PAINT ALL EXPOSED MISCELLANEOUS ITEMS, FINISHED OR UNFINISHED (E.G. H.V.A.C. RETURN AIR GRILLES, CONDUIT, ETC.) TO MATCH ADJACENT WALL SURFACES.

- XV. FIRE PROTECTION WORK
A. REQUIREMENTS
1. ASPENDENTAL TO FURNISH AND INSTALL EXTINGUISHERS PER LOCAL, STATE, AND FEDERAL CODES, AND N.F.P.A. NO. 10.
2. MOUNT FIRE EXTINGUISHERS NO. LOWER THAN 48" ABOVE FINISH FLOOR UNLESS LOCAL REGULATIONS REQUIRE DIFFERENT HEIGHT.
3. ALL FIRE EXTINGUISHERS AND CABINETS TO MEET THE REQUIREMENTS OF THE A.D.A. AND ANSI A117.
XVII. TOILET ROOMS
A. REQUIREMENTS
1. ASPENDENTAL #117-1 APPROVED SIGNAGE SHALL BE PROVIDED FOR EACH TOILET ROOM TO DESIGNATE MEN, WOMEN, OR UNISEX.

EXCEL ENGINEERING and ARCHITECTURE, P.C.
3070 WILLIAM ST. • CAPE GIRARDEAU, MO 63703
WWW.EXCELENGINEER.COM

PROJECT INFORMATION
PROJECT NUMBER: 1712680

XIX. PLUMBING WORK
A. SEE PLUMBING PLANS FOR SPECIFICATIONS.

XX. HEATING AND VENTILATION WORK
A. SEE HVAC PLANS FOR SPECIFICATIONS.

XXI. ELECTRICAL WORK
A. SEE ELECTRICAL PLANS FOR SPECIFICATIONS.

TENANT BUILD-OUT FOR: ASPEN DENTAL
3070 WILLIAM ST. • CAPE GIRARDEAU, MO 63703
PROFESSIONAL SEAL: STATE OF MISSOURI ARCHITECT

PROFESSIONAL SEAL: STATE OF MISSOURI ARCHITECT

SHEET DATES
SHEET ISSUE: JUNE 1, 2017

Table with 2 columns: REVISIONS, DATE. Contains a header row and 5 empty rows for revisions.

REVIEWED FOR CODE COMPLIANCE
JAN 6 5 2018
RETAIN AT JOB SITE
Approved By: [Signature]
CITY OF CAPE GIRARDEAU, Inspection Services

SHEET INFORMATION
SPECIFICATIONS
SHEET NUMBER: T2.2