#### **ABBREVIATIONS** ACOUSTICAL CEILING TILE LAVATORY A.D.A. POUND AMERICANS WITH DISABILITIES LANDLORD LIGHT ARCH ARCHITECT(URAL) MAXIMUM MANUFACTURE MFR BOARD **MANUFACTURER** BLKG **BLOCKING** MECHANICAL MINIMUM MISCELLANEOU: MTD CEILING MOUNTED CLR CLEAR CONCRETE NOT IN CONTRACT CONSTI CONSTRUCTION NUMBER N.T.S. CONTINUOUS / CONTINUATION NOT TO SCALE CMU CONCRETE MASONRY UNIT ON CENTER O.F.C.I. OWNER FURNISHED DIAMETER CONTRACTOR INSTALLED DIFF DIFFUSER DIMENSION PRFFABRICATED **PREFAB** DOOR DSCON REFR REFRIGERATOR / ELEC EMBED REFRIGERATED FI FCTRICAL **EMBEDDED EMBEDMENT** REINFORCE / REINFORCED REINF **ROUGH OPENING EQUIP** EXP JT SQUARE FEET **EXPANSION JOINT** EXT **EXTERIOR SHORG** SHORING SIMII AR STEEL FIRE EXTINGUISHER & CABINET STAINLESS STEEL **STRUCT STRUCTURE** FINISH FACEUISHER FIRE HOSE CABINET SURFACE FURN **SUSP** SUSPENDED FURNITURE SYS SYSTEM(S) **GENERAL CONTRACTOR** TO BE DETERMINED **TEMPORARY** PLASTER TREATED **TSTAT THERMOSTAT** GYPSUM WALL BOARD TYP **TYPICAL HOLLOW METAL** UNDERLAYMEN1 HVAC **UNLESS NOTED OTHERWISE** HEATING, VENTILATION, & AIR VINYL COMPOSITE TILE CONDITIONING VERTICAL V.I.F. VERIFY IN FIELD INSUL INSULATION INTERIOR WINDOW JAN WATERPROOFING **SYMBOLS LEGEND ELEVATION DATUM ELEVATION MARKER** HEIGHT ABOVE FIN. FLOOR SECTION MARKER DOOR NUMBER DTL# 'SHEET' WINDOW MARKER FIN-1 FINISH TAG **KEY NOTE** DETAIL MARKER **ROOM NAME ROOM NUMBER** WALL TYPE COLUMN GRID AND GRID BUBBLES **NORTH SYMBOL** PROJECT DIRECTORY LANDLORD / DEVELOPER **GEN RESTAURANT** THE MACERICH COMPANY 11480 SOUTH ST.STE 205 401 WILSHIRE BLVD, SUITE 700 CERRITOS, CA 90703, USA SANTA MONICA, CA 90401 TEL 310-394-6000

# ARCHITECT: MEP ENGINEERING TEAM : INNOVATION AND DESIGN IN ARCHITECTURE, INC 1338 S. TOWNER ST, SANTA ANA, CA, 92707

LONG BEACH, CA 90802 714.235.1181 CONTACT: GEOFFREY LIM STRUCTURAL ENGINEER: PHONE: 562.206.7720 x315 EMAIL: geoff@idaexperience.com

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SIGNAGE

OWNER VENDOR

LANDLORD ROOFING CONTRACTOR:

FOOD SERVICE CONSULTANT

CONTACT: KELLEN SPAFFORD

SR. PROJECT MANAGER

OWNER VENDOR MADSEN ROOF CO. 5960 BRADSHAW RD. SACRAMENTO, CA 95829 TEL 916-997-4727

FIRE SPRINKLERS & FIRE ALARM

JOHN WILSON 4650 BFI OIT DRIVE TEL 916-213-9363

## **VICINITY MAP**



## **PROJECT INFORMATION**

PROJECT ADDRESS: 1689.Ardenway Suite 1148 Sacramento CA 95815 BBQ RESTAURANT IN AN EXISTING RESTAURANT TENANT SPACE TYPE OF CONSTRUCTION: BUILDING OCCUPANCY PROJECT AREA 8,049 SF BUILDING, 392 SF PATIO TOTAL BUILDING NO. OF STORIES: TENANT SPACE IN 1 STORY BUILDING LIFE SAFETY INFO: SPRINKLERED THE CONTRACTOR SHALL REPLACE ALL MISSING FIREPROOFING AND FIRESTOPPING. THE CONTRACTOR SHALL REPLACE ALL FIREPROOFING AFFECTED BY NEW CONSTRUCTION WITH FIREPROOFING TO MATCH BASE BUILDING STANDARDS, APPROVED EQUAL, OR AS REQUIRED TO ALL CONSTRUCTION SHALL BE NON-COMBUSTIBLE ALL WOOD AND WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED. ALL INTERIOR FINISHES SHALL COMPLY WITH THE REFERENCED CODE REQUIREMENTS FOR FLAMMABILITY AND SMOKE DEVELOPED RATINGS AS WELL AS TOXICITY. WALL AND CEILINGS: PER ASTM E84. CLASS A FLAME SPREAD: 0 - 25

**DRAWING INDEX** 

CS000 COVER SHEET

SHEET NAME

CALIFORNIA GREEN BUILDING STANDARDS

CALIFORNIA GREEN BUILDING STANDARDS

CALIFORNIA GREEN BUILDING STANDARDS

FIXTURE, FURNITURE & EQUIPMENT PLAN

EGRESS PLAN & CODE SUMMARY

ACCESSIBILITY NOTES

**ACCESSIBILITY NOTES** 

**ACCESSIBILITY NOTES** 

**DESIGN SPECIFICATION** 

DESIGN SPECIFICATION

**DESIGN SPECIFICATION** 

DESIGN SPECIFICATION

**DEMOLITION FLOOR PLAN** 

**DEMOLITION FINISH PLAN** 

**DOOR SCHEDULE & TYPES** 

PARTITION TYPE DETAILS

REFLECTED CEILING PLAN

TYPICAL CEILING DETAILS

**DIMENSIONED FLOOR PLAN** 

PROPOSED GROUND FLOOR PLAN

ENLARGED RESTROOM PLANS AND ELEVATIONS

PARTITION TYPES

FINISH FLOOR PLAN

**BUILDING SECTIONS** 

**EXTERIOR ELEVATION** 

INTERIOR ELEVATIONS

INTERIOR ELEVATIONS

INTERIOR ELEVATIONS

INTERIOR ELEVATIONS

INTERIOR ELEVATIONS

INTERIOR ELEVATIONS

**INTERIOR DETAILS** 

ROOF PLAN

**PERSPECTIVES** 

**INTERIOR DETAILS-2** 

INTERIOR PERSPECTIVES

TYPICAL INTERIOR ELEVATIONS

**DEMOLITION CEILING PLAN** 

FINISH SCHEDULE

SITE PLAN

GENERAL NOTES

GENERAL NOTES

GENERAL NOTES

NUMBER

CS300

CS301

CS501

CS502

<u>CS700</u>

2 Demolition

<u>DM200</u>

4 Architectural

<u>A100</u>

<u>A103</u>

<u>A400</u>

<u>A600</u>

3 Fixture

0 Cover Sheet

#### **APPLICABLE CODES:**

BUILDING CODE: 2016 CALIFORNIA BUILDING CODE GREEN BUILDING: 2016 GREEN BUILDING STANDARDS CODE MECHANICAL CODE: 2016 CALIFORNIA MECHANICAL CODE ELECTRICAL CODE: 2016 CALIFORNIA ELECTRICAL CODE PLUMBING CODE: FIRE CODE: 2016 CALIFORNIA FIRE CODE FNFRGY CODE: 2016 CALIFORNIA ENERGY CODE ACCESSIBILITY CODE: 2016 CALIFORNIA BUILDING CODE FOR ACCESSIBILITY **ENERGY CODE:** 2016 CALIFORNIA ENERGY CODE, TITLE 24 **OCCUPANCY LOAD:** 

330 OCCUPANTS (SEE OCCUPANCY CALCULATION ON SHEET CS100)

SMOKE DEVELOPMENT: 0 - 200

ASTM F648 CLASS I

ALL DOORS TO BE 36" WIDE MIN., 34" MIN. CLR. IN OPEN POSITION (U.O.N.).

CRITICAL RADIANT FLUX OF NOT LESS THAN 0.45 WATTS PER SQUARE CENTIMETER

### **DEFERRED SUBMITTAL**

DOCUMENTS FOR DEFERRED SUBMITTALS ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL SHALL NOT BE INSTALLED UNTIL THE DEFERRED HAVE BEEN APPROVED BY THE BUILDING OFFICIAL. **DEFERRED SUBMITTALS:** 

2. SIGNAGE - EXTERIOR SIGNAGE REQUIRES SEPARATE APPROVAL AND A SEPARATE PERMIT.

## FIRE PROTECTION NOTES

MODIFICATIONS TO THE FIRE SPRINKLER SYSTEM MUST BE APPROVED BY THE FIRE PREVENTION DIVISION AND WILL REQUIRE A SEPARATE PERMIT

## **DESCRIPTION OF WORK**

INTERIOR TENANT IMPROVEMENT BUILD OUT OF EXISTING SHELL. BUILD OUT INCLUDES FRONT KITCHEN LINE, BACK OF HOUSE KITCHEN, AND DINING ROOM / BAR. EXTERIOR TENANT IMPROVEMENT, CONSIST OF UPDATING FINISHES: PAINT, WOOD SIDING, NEW LIGHT FIXTURES ON EXISTING J-BOXES, NO STRUCTUAL CHANGES TO THE EXTERIOR. SEE LIST OF DEFERRED SUBMITTALS FOR REFERENCE.

# INTERIOR RESTAURANT TENANT IMPROVEMENT

# GEN KOREAN BBQ HOUSE



SHEET NUMBER

M-1.2

M-2.0

<u>M-4.0</u>

M-4.3

4 Electrical

<u>E-2</u>

<u>E-3</u>

5 Plumbing

**SCHEDULES** 

TITLE-24 FORM

TITLE-24 FORMS

FLOOR PLAN

ROOF PLAN

<u>DETAILS</u>

**DETAILS** 

ROOF PLAN

**POWER PLAN** 

**LIGHTING PLAN** 

ROOF POWER PLAN

PANEL SCHEDULES

**GENERAL NOTES** 

**SCHEDULES** 

SITE PLAN

TITLE-24 DOCUMENTATION

TITLE-24 DOCUMENTATION

FLOOR PLAN SOIL, WASTE AND VENT

FLOOR PLAN GAS, HOT AND COLD WATER

**SYMBOLS & SPECIFICATIONS** 

SHEET NAME

M-1.0 GENERAL NOTES, LEGEND, SYMBOLS & ABBREVIATIONS

**HOODLESS BBQ GRILL DETAIL & INFORMATION** 

DEMOLITION FLOOR PLAN GAS, HOT AND COLD WATER

REVISION DATE REVISION #

<u>04/18/18</u>

<u>04/18/18</u>

04/18/18

04/18/18

04/18/18

<u>04/18/18</u>

04/18/18

04/18/18



GEOFFREY B. LIM AIA, NCARB, LEED AP



REVISION DATE REVISION



| <u>N#</u> | Oct. 31. 2019 RENEWAL DATE OF CALLED |
|-----------|--------------------------------------|
|           | Issue For:                           |
|           | BUILDING 2ND SUBMITTAL               |
|           | I B-1                                |

Issue Date:

04/20/2018 **REVISIONS** REASON

DRAWN BY: Author **Project Address**: **GEN BBQ** 

PROJECT MANAGER:

SACRAMENTO 1689, Ardenway Suite 1148 Sacramento

CA 95815 Project Number:

145-001-17 Sheet Title: **COVER SHEET** 

#### SECTION 01 00 00GENERAL CONDITIONS

- THE SCOPE OF WORK IS BASED ON THE CONSTRUCTION DOCUMENTS AND SHALL INCLUDE THE FURNISHING OF MATERIALS AND LABOR REQUIRED FOR THE COMPLETE PROJECT. COMPLY WITH THE BROWN SHOE CRITERIA DESCRIBED IN THE DRAWINGS.
- VISIT THE JOB SITE PRIOR TO SUBMITTING BID. CONTRACTOR SHALL WALK THROUGH THE SITE WITH AN AUTHORIZED REPRESENTATIVE OF THE SHOPPING CENTER AND REVIEW SHOPPING CENTER CONSTRUCTION REQUIREMENTS. COORDINATE WORK WITH THE SHOPPING CENTER WITH REGARD TO TEMPORARY UTILITIES, ALLOWABLE MATERIAL, TRAFFIC ROUTES, STORAGE OF TOOLS AND MATERIALS, USE OF TOILET FACILITIES, HOURS IN WHICH WORK IS ALLOWED, NOISE AND DUST CONTROL, CLEANUP AND OTHER MATTERS REQUIRING ADHERENCE TO SHOPPING CENTER REQUIREMENTS.
- REVIEW WITH THE LANDLORD'S REPRESENTATIVE THE MANNER IN WHICH ALL CONNECTIONS TO STRUCTURE WILL BE MADE. NEW PENETRATIONS IN THE BUILDING ENVELOPE OR STRUCTURE SHALL BE REVIEWED WITH THE LANDLORD AND APPROVED IN WRITING. IF THE LANDLORD REQUIRES THAT PORTIONS OF WORK BE PERFORMED BY ITS OWN CONTRACTOR, INCLUDE COSTS ASSOCIATED WITH THAT PORTION OF THE WORK IN BID UNLESS STATED OTHERWISE IN WRITING BY TENANT
- DURING PERFORMANCE OF WORK, BE RESPONSIBLE FOR PROVISION AND MAINTENANCE OF WARNING SIGNS, LIGHT SIGNAL DEVICES, GUARD LIGHTS, BARRICADES, GUARD RAILS, FENCES AND OTHER DEVICES. APPROPRIATELY LOCATED ON AND AROUND THE JOB SITE WHICH GIVE PROPER AND UNDERSTANDABLE WARNING TO PERSONS WITH REGARD TO HAZARDOUS CONDITIONS, EQUIPMENT AND OPERATIONS BEING PERFORMED IN CONJUNCTION WITH THE WORK.
- EXISTING CONDITIONS AND DIMENSIONS MAY BE TAKEN FROM INFORMATION FURNISHED BY THE LANDLORD. VERIFY LEASE SPACE DIMENSIONS AND IDENTIFY DISCREPANCIES BETWEEN BUILDING ELEMENTS AND DRAWINGS BEFORE COMMENCING CONSTRUCTION DISCREPANCIES FOUND ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF BROWN SHOE'S CONSTRUCTION MANAGER NO LATER THAN (5) WORKING DAYS PRIOR TO THE BID DATE. DISCREPANCIES IDENTIFIED DURING BIDDING WILL BE CLARIFIED BY
- DISCREPANCIES IDENTIFIED DURING CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF BROWN SHOE'S CONSTRUCTION MANAGER. DISCREPANCIES IDENTIFIED DURING CONSTRUCTION WILL BE CLARIFIED BY CHANGE ORDERS. CHANGE ORDER APPROVAL IS SUBJECT TO AUTHORIZATION BY BROWN SHOE'S CONSTRUCTION MANAGER.
- G. G.C. SHALL BE RESPONSIBLE FOR COSTS INCURRED FOR NONCOMPLIANCE WITH THESE CONTRACT DOCUMENTS. CONTRACTOR WILL NOT BE ALLOWED CHANGE ORDERS FOR PROBLEMS ARISING FROM NEGLECT OF PROVISIONS INCLUDED IN THESE CONDITIONS.
- ACCOMPLISH THE WORK IN COMPLIANCE WITH THE RESTRICTIONS AND REQUIREMENTS OF THE LANDLORD. WORK SHALL CONFORM WITH THE AMERICANS WITH DISABILITIES ACT AND APPLICABLE LOCAL AND STATE HANDICAPPED DISABILITY DESIGN REQUIREMENTS. VERIFY THAT THE WORK COMPLIES WITH ALL APPLICABLE LOCAL AND STATE FIRE SAFETY, HEALTH, ENERGY AND BUILDING CODE REQUIREMENTS.
- REMOVE CONSTRUCTION RUBBISH, SCAFFOLDING, EQUIPMENT, TEMPORARY PROTECTION, TEMPORARY FIELD STRUCTURES, AND OTHER MATERIALS OR EQUIPMENT THAT WAS REQUIRED IN CONNECTION WITH THE CONSTRUCTION, BUT NOT A PERMANENT PART THEREOF.
- SCAFFOLDING SHALL BE BUILT IN ACCORDANCE WITH REQUIREMENTS OF FEDERAL, STATE, AND LOCAL LAWS, TEMPORARY SHORING REQUIRED FOR THE REMOVAL OF EXISTING WORK FOR THE INSTALLATION OF NEW WORK SHALL BE INCLUDED IN THE CONTRACT. CAUSED BY IMPROPER SUPPORT OR FAILURE OF SHORING.
- MAINTAIN ORDERLY HOUSEKEEPING DURING CONSTRUCTION, AND UPON SHALL INCLUDE THE FOLLOWING: SWEEP, DAMP MOP, AND WAX RESILIENT FLOORING. DUST, DIRT, PAINT DRIPPINGS, OIL, GREASE, AND OTHER BLEMISHES SHALL BE REMOVED FROM FINISHED SURFACES, INCLUDING PIPES AND EQUIPMENT. WINDOWS, GLASS UNITS, GLASS DOORS AND MIRRORS SHALL BE WASHED. PAINT OVERBUNS AND PUTTY SMEARS SHALL BE REMOVED, AND HARDWARE SHALL BE RUBBED CLEAN WITH FLANNEL CLOTH.
- BE RESPONSIBLE FOR JOB SITE SAFETY AND WARRANT THAT THIS INTENT SHALL BE MADE EVIDENT IN BROWN SHOE'S AGREEMENT WITH
- M. BE RESPONSIBLE TO THE SHOPPING CENTER FOR DAMAGES THAT OCCUR TO THE LANDLORD'S FACILITIES BEFORE, DURING, OR AFTER CONSTRUCTION PROCEDURES CAUSED BY CONTRACTOR. CONTRACTOR'S EMPLOYEES, OR SUBCONTRACTORS.
- MANUFACTURER'S OF SPECIFIED ITEMS ARE NOTED FOR QUALITY AND DESIGN. SUBSTITUTE PRODUCTS ARE SUBJECT TO APPROVAL BY BROWN SHOE'S CONSTRUCTION MANAGER. THE CONTRACTOR IS ENCOURAGED TO SUBMIT ALTERNATE PRODUCTS FOR CONSIDERATION IN AN EFFORT TO REDUCE THE CONSTRUCTION COST OR TIME REASONABLE REQUESTS WILL BE REVIEWED FOR COMPLIANCE WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.
- O. PRODUCTS AND MATERIALS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. PROVIDE A COPY OF THE MANUFACTURER'S INSTALLATION RECOMMENDATIONS UPON REQUEST OF BROWN SHOE'S CONSTRUCTION MANAGER.
- BROWN SHOE AND THE LANDLORD WILL PROVIDE INSURANCE REQUIREMENTS PRIOR TO THE BIDDING. EVIDENCE OF INSURANCE SHALL BE PROVIDED TO BROWN SHOE'S CONSTRUCTION MANAGER AT THE TIME OF BID SUBMITTAL.
- APPLICABLE STANDARDS OF CONSTRUCTION INDUSTRY HAVE THE SAME FORCE AND EFFECT ON PERFORMANCE OF THE WORK AS IF COPIED DIRECTLY INTO CONTRACT DOCUMENTS OR BOUND AND PUBLISHED HEREWITH. COMPLY WITH STANDARDS IN EFFECT ON THE DATE OF ISSUE OF THE CONTRACT DOCUMENTS, UNLESS OTHERWISE INDICATED.
- R. UPON COMPLETION OF THE WORK, COMPILE FOR AND DELIVER TO BROWN SHOE'S CONSTRUCTION MANAGER A COMPLETE SET OF RECORD DOCUMENTS. THIS SET OF DOCUMENTS SHALL CONSIST OF RECORD SPECIFICATIONS AND RECORD DRAWINGS SHOWING THE REPORTED LOCATION OF THE WORK.
- WARRANT MATERIALS AND WORKMANSHIP FOR A PERIOD OF (1) YEAR FROM DATE OF ACCEPTANCE BY BROWN SHOE 'S CONSTRUCTION
- BROWN SHOE'S CONSTRUCTION MANAGER SHALL REVIEW SHOP DRAWING SUBMISSIONS SOLELY FOR THEIR CONFORMANCE WITH THE DESIGN INTENT AND CONFORMANCE WITH INFORMATION GIVEN IN THE CONSTRUCTION DOCUMENTS. BROWN SHOE SHALL NOT BE RESPONSIBLE FOR ASPECTS OF A SHOP DRAWING SUBMISSION THAT AFFECT OR ARE AFFECTED BY THE MEANS, METHODS, TECHNIQUES. SEQUENCES AND OPERATIONS OF THE CONSTRUCTION, SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. CONTRACTOR SHALL REVIEW SHOP DRAWINGS WITH RESPECT TO THESE CONDITIONS BEFORE SUBMITTING THEM TO BROWN SHOE.
- WHEN MODIFICATIONS TO EXISTING STRUCTURAL STEEL COMPONENTS OR THE ADDITION OF NEW STRUCTURAL STEEL ARE REQUIRED. AND NOT INDICATED IN THESE CONSTRUCTION DOCUMENTS IT SHALL BE THE RESPONSIBILITY OF THE G.C. TO SECURE THE SERVICES OF A STRUCTURAL ENGINEER TO OBTAIN THE NECESSARY APPROVALS.

- V. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH THE PROJECT SCHEDULE AND DEADLINES, AND FOR ADVISING BROWN SHOE'S CONSTRUCTION MANAGER OF ALL LONG LEAD ITEMS THEIR ANTICIPATED DELIVERY DATES, AND ANY POTENTIAL IMPACT TO THE PROJECT SCHEDULE.
- THE CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF LANDLORD AND BUILDING DEPARTMENT APPROVED DRAWINGS (AS APPLICABLE) ON SITE THROUGHOUT CONSTRUCTION DURATION FOR USE BY ALL TRADES. TENANT ARCHITECT TO ENSURE THAT ALL LANDLORD COMMENTS NOT INCLUDED IN THE BID PACKAGE SENT PRIOR TO LANDLORD APPROVAL ARE COMMUNICATED TO ALL SUBCONTRACTORS, ALL LANDLORD NOTES AND COMMENTS MUST APPEAR ON THE FINAL WORKING DRAWINGS IN THE FIELD. TENAN CONTRACTOR MUST MAINTAIN A LANDLORD APPROVED SET ON-SITE AT
- DRAWINGS SHALL NOT BE SCALED, DIMENSIONS SHALL GOVERN IN ALL CASES. DIMENSIONS AT ENLARGED DETAILS TAKE PRECEDENCE OVER
- NOTWITHSTANDING THE FOREGOING, TENANT'S REVIEW OF PLANS AND SPECIFICATIONS, AND TENANT'S ACCEPTANCE OF THE PREMISES, SHALL IN NO EVENT CREATE AN EXPRESSED OR IMPLIED CONFIRMATION HAT PLANS AND SPECIFICATIONS, NOR BUILD-OUT OF THE PREMISES IS IN ACCORDANCE WITH THE REQUIREMENTS OF APPLICABLE LAWS, CODES, ORDINANCES, AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THE MOST CURRENT VERSION OF TITLE III OF THE AMERICANS WITH DISABILITIES ACT.

#### SUMMARY OF

- A. THE WORK OF THIS PROJECT INCLUDES CONSTRUCTION WORK SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN. BLIT NOT NECESSABILY LIMITED TO GENERAL CONSTRUCTION, MECHANICAL, ELECTRICAL, AND
- EXECUTE THE WORK DESCRIBED IN THESE SPECIFICATIONS AND SHOWN ON THE DRAWINGS, AND OTHER WORK NECESSARY TO COMPLETE THE PROJECT. IN A THOROUGHLY SUBSTANTIAL AND WORKMANLIKE MANNER, BY PERSONS THOROUGHLY EXPERIENCED IN THEIR PARTICULAR TRADE OR CRAFT.
- FIELD VERIFY DIMENSIONS OF EXISTING CONDITIONS, IF ANY, THAT AFFECTS THE WORK. TAKE RESPONSIBILITY FOR THE CORRECTNESS OF MEASUREMENTS AND VERIFY GRADES, LINES, LEVELS, ELEVATIONS AND DIMENSIONS SHOWN PRIOR TO COMMENCING WORK.
- CONSULT DRAWINGS AND PLAN WORK SO THAT THE EXCAVATED MATERIAL, DEMOLISHED MATERIAL, NEW BUILDING MATERIALS, ETC ARE NOT PLACED WHERE THEY WILL INTERFERE WITH THE WORK OF OTHERS, OR WITH EXISTING TENANTS.
- SHOULD IT APPEAR THAT THE WORK INTENDED TO BE DESCRIBED OR RELATED WORK ARE NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THE DRAWINGS, OR IN THE SPECIFICATIONS, CONSULT THE ARCHITECT FOR NECESSARY CLARIFICATIONS, AND CONFORM TO THOSE CLARIFICATIONS INSOFAR AS THEY ARE CONSISTENT WITH THE DRIGINAL DRAWINGS AND SPECIFICATIONS. IN NO CASE SHALL WORK PROCEED IN UNCERTAINTY.
- THOSE PERFORMING WORK AS A SUBCONTRACTOR MUST EXAMINE SUBSTRATES AND CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND NOTIFY THE CONTRACTOR IN WRITING, OF CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK. COMMENCEMENT OF WORK BY A TRADE ON A SURFACE OR CONSTRUCTION SHALL IMPLY ACCEPTANCE OF SUCH SURFACE OR CONSTRUCTION. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- ITEMS INDICATED AS "N.I.C." (NOT IN CONTRACT), OR "EXISTING" SHALL NOT BE INCLUDED IN THE CONTRACT, HOWEVER, CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING CONDITION OF SUCH ITEMS AND CORDINATING WORK THAT AFFECTS OR IS AFFECTED BY THESE ITEMS
- H. TENANT FURNISHED-CONTRACTOR INSTALLED PRODUCTS (MATERIALS, PRODUCTS OR EQUIPMENT
  - CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING. STORING. HANDLING, AND INSTALLING ITEMS PROVIDED BY BROWN SHOE. CONTRACTOR SHALL INSPECT SHIPMENTS UPON DELIVERY FOR DAMAGE AND SHALL VERIFY THAT QUANTITIES ARE ACCURATE AND IN COMPLIANCE WITH BILL OF LADING. CONTRACTOR SHALL BE RESPONSIBLE FOR FILING SHIPPING DAMAGE CLAIMS AGAINST THE CARRIER IN CASE OF RECEIPT OF DAMAGED ITEMS. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF DAMAGED ITEMS UPON ACCEPTANCE OF DELIVERY AT PROJECT SITE. CONTRACTOR SHALL PROTECT THE ITEMS FROM DAMAGE THROUGHOUT THE CONSTRUCTION PERIOD UNTIL TURN OVER OF SPACE TO BROWN SHOE.
- TENANT WILL FURNISH THE PRODUCTS AS DELINEATED IN THE SCHEDULE OF RESPONSIBILITIES ON SHEET A-1. THESE PRODUCTS WILL BE DELIVERED TO THE SITE WHERE THE CONTRACTOR SHALL RECEIVE, UNLOAD, STRIP AND INSTALL THEM.
- I. TENANT PROVIDED PRODUCTS (MATERIALS, PRODUCTS OR EQUIPMENT)
  - TENANT WILL PROVIDE, FURNISH AND INSTALL CERTAIN ITEMS AS DELINEATED IN THE SCHEDULE OF RESPONSIBILITIES ON SHEET A-1. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH WORK BEING PERFORMED BY BROWN SHOE'S VENDORS, INSTALLERS, AND SUBCONTRACTORS.
- ALL WORK IS TO BE PERFORMED TO INDUSTRY STANDARDS BY QUALIFIED, COMPETENT TRADESPERSONS. IT IS ASSUMED THAT WORKERS WILL BE FAMILIAR WITH LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS AND SHALL ADHERE TO SUCH CODES AND REGULATIONS. IN MUNCIPALITIES REQUIREING LICENSING IT IS ASSUMED THAT EACH TRADE SHALL HAVE A PROPERLY LICENSED PERSON PERFORMING THE WORK.
- FIRE PROTECTION SYSTEM DESIGN AND MODIFICATIONS ARE TO BE BY THE FIRE PROTECTION CONTRACTOR, INCLUDING PREPARATION AND UBMISSION OF DESIGN DRAWINGS, SECURING OF ALL NECESSARY PERMITS, AND THE RESPONSIBILITY FOR OBTAINING SYSTEM APPROVAL **CUTTING AND**

#### **PATCHING**

- REQUIREMENTS FOR STRUCTURAL WORK. DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN A MANNER THAT WOULD CHANGE THEIR OAD-CARRYING CAPACITY OR LOAD-DEFLECTION RATIO.
- VISUAL REQUIREMENTS: DO NOT CUT AND PATCH CONSTRUCTION EXPOSED ON THE EXTERIOR OR IN OCCUPIED SPACES IN A MANNER THAT WOULD, IN THE ARCHITECT'S OPINION, REDUCE THE BUILDING'S AESTHETIC QUALITIES. DO NOT CUT AND PATCH CONSTRUCTION IN A MANNER THAT WOULD RESULT IN VISUAL EVIDENCE OF CUTTING AND PATCHING. REMOVE CONSTRUCTION CUT AND PATCH IN A VISUALLY SATISFACTORY MANNER, AND REPLACE WITH A CONSTRUCTION VISUALLY ACCEPTABLE TO THE ARCHITECT.
- USE MATERIALS IDENTICAL TO EXISTING MATERIALS. FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES INSOFAR AS POSSIBLE. IF IDENTICAL MATERIALS ARE UNAVAILABLE OR CANNOT BE USED, USE MATERIALS WHOSE INSTALLED PERFORMANCE WILL EQUAL OR SURPASS THAT OF EXISTING MATERIALS.
- PROTECT EXISTING CONSTRUCTION DURING CUTTING AND PATCHING TO PREVENT DAMAGE. PROVIDE PROTECTION FROM ADVERSE WEATHER CONDITIONS FOR PORTIONS OF THE PROJECT THAT MIGHT BE EXPOSED DURING CUTTING AND PATCHING OPERATIONS.
- AVOID CUTTING EXISTING PIPE, CONDUIT, OR DUCTWORK SERVING THE BUILDING BUT SCHEDULED TO BE REMOVED OR RELOCATED UNTIL PROVISIONS HAVE BEEN MADE TO BYPASS THEM.

#### SECTION 02 00 00 - EXISTING

- CONDITIONS CONTRACTOR IS TO VISIT THE SITE TO INSPECT THE EXISTING CONDITIONS AND TO VERIFY THE AMOUNT OF WORK THAT WILL BE NECESSARY FOR THE PROJECT TO BE COMPLETED AS SHOWN ON THE ARCHITECTURAL AND ENGINEERING DRAWINGS.
- B. NOTIFY BROWN SHOE'S CONSTRUCTION MANAGER AND THE ARCHITECT IMMEDIATELY UPON ENCOUNTERING UNEXPECTED CONCEALED CONDITIONS AND, EXCEPT IN AN EMERGENCY, BEFORE THE ENCOUNTERED CONDITIONS ARE DISTURBED.
- CONTRACTOR TO VERIFY CONDITION OF EXISTING COMPONENTS WHEN THEY ARE TO BE REUSED. THEY SHALL BE OPERATIONAL AND FREE OF AESTHETIC FLAWS AND SUITABLE FOR THEIR INTENDED USE, REFER ANY QUESTIONS TO BROWN SHOE'S CONSTRUCTION MANAGER. IF THERE IS DOUBT CONCERNING THE ACCEPTABILITY OF ANY COMPONENT, PROVIDE A COST FOR REPLACING THE QUESTIONABLE
- CONTRACTOR IS TO VERIFY ELEVATION AND CONDITION OF EXISTING FLOOR SUBSTRATE AND REPORT TO BROWN SHOE'S CONSTRUCTION MANAGER IN WRITING IF: THERE IS A VARIATION OF 1/2" OR MORE OVER THE ENTIRE PROJECT, THE SLAB IS 1/8" PER 10 FEET OR GREATER IN ANY AREA OF THE PROJECT, OR IF ROUGH OR UNSTABLE SUBSTRATE SURFACES ARE ENCOUNTERED.

#### SECTION 02 41 00 - SELECTIVE

- A. PERFORM THE DEMOLITION WORK IN ACCORDANCE WITH ANSI/NEPA 241, SAFEGUARDING BUILDING CONSTRUCTION AND DEMOLITION OPERATIONS.
- B. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION , USING WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO CONTROL DUST AND DIRT IN THE AIR.
- C. PROMPTLY REMOVE DEBRIS FROM PREMISES. DO NOT BURN DEBRIS ON THE SITE. PROVIDE DUST-TIGHT PARTITION AREAS WHERE DEMOLITION WORK IS BEING PERFORMED. WITHIN AREAS THAT ARE FINISHED OR IN USE PROVIDE NOT LESS THAN 4" NOMINAL METAL OR WOOD STUD PARTITIONS WITH 1/2" PLYWOOD SHEATHING ONE SIDE (FINISHED ON OCCUPIED SIDE). JOINTS OF SHEATHING SHALL BE SEALED AND AIR TIGHT. PERIMETER JOINTS OF PARTITIONS SHALL BE SEALED AND DOORS WEATHERSTRIPPED. DO NOT FASTEN OR OTHERWISE SECURE PARTITIONS TO EXISTING FINISHED FLOOR, WALLS OR CEILINGS UNLESS OTHERWISE APPROVED BY THE ARCHITECT.
- D. AFTER FLOOR COVERINGS ARE REMOVED, THOROUGHLY REMOVE ADHESIVES SUCH THAT WHEN COMPLETED, FLOORS ARE READY TO SECTION 03 00 00 -
- A. THE CONCRETE WORK SHALL CONFORM WITH ALL ACI STANDARDS EXCEPT WHEN IN CONFLICT WITH THE BUILDING CODE IN FORCE. IN SUCH AN EVENT THE BUILDING CODE SHALL GOVERN. USE THE LATEST
- VERSION AVAILABLE FOR EACH OF THE REFERENCED STANDARDS. B. CONCRETE MATERIALS
- 1. PORTLAND CEMENT: ASTM C150, TYPE 1 NORMAL PORTLAND CEMENT. AGGREGATES: ASTM C33.
- 2. WATER: CLEAN, FREE FROM SUBSTANCES THAT WOULD COMPROMISE THE INTEGRITY OF THE CONCRETE MIXTURE.
- 3. ADMIXTURES: CONCRETE ADMIXTURES SHALL COMPLY WITH ASTM C494 (WATER REDUCING) OR ASTM C260 (AIR ENTRAINING), PRODUCED BY RECOGNIZED MANUFACTURERS, SUBJECT TO ARCHITECT'S APPROVAL.
- C. OTHER MATERIALS
- WELDED WIRE FABRIC: ASTM A185, FLAT SHEETS.
- 2. BONDING AGENT: (EPOXY TYPE), 100 PERCENT SOLIDS, "EPOBOND" (L & M CONSTRUCTION CHEMICALS CO.
- 3. MOISTURE-RETAINING COVER: ONE OF THE FOLLOWING, COMPLYING WITH ASTM C171.
- WATERPROOF PAPER.
- b. POLYETHYLENE FILM. c. POLYETHYLENE-COATED BURLAP.
- 4. LIQUID MEMBRANE CURING AND SEALING COMPOUND: ASTM C309-07, TYPE 1, CLASS B, WATER-BASED ACRYLIC COMPOUND, "DRESS AND SEAL WB" (L & M CONSTRUCTION
- D. MIXING
- 1. READY MIXED CONCRETE SHALL CONFORM WITH ASTM C94-96.
- 2. SLUMP SHALL BE 2-1/2" BUT NOT MORE THAN 3-1/2" IN FIELD DETERMINED IN ACCORDANCE WITH ASTM C143-90A.
- E. PLACING, FINISHING, CURING, AND SEALING
  - AFTER DEMOLITION AND TRENCHING HAS BEEN PERFORMED, AND SUB GRADE AND MOISTURE BARRIER REESTABLISHED, APPLY BONDING AGENT TO EXISTING CONCRETE SURFACES, INSTALL WIRE MESH IF APPLICABLE. THEN PLACE CONCRETE IMMEDIATELY AFTER MIXING. PROPERLY SPADE AND PUDDLE BY USE OF RODS, SHOVELS AND HAND SPADES, AND AGITATE BY MEANS OF INTERNAL AND/OR EXTERNAL VIBRATORS TO OBTAIN DENSEST POSSIBLE CONCRETE WITHOUT OVER-VIBRATING TO THE POINT WHERE SEGREGATION RESULTS. DEPOSIT CONCRETE CONTINUOUSLY UNTIL COMPLETION OF EACH SECTION OR UNIT
- FINISH CONCRETE SLABS TO PROPER ELEVATIONS TO ENSURE THAT SURFACE MOISTURE WILL DRAIN FREELY TO FLOOR DRAINS, IF ANY, AND THAT NO PUDDLE AREAS EXIST. NEW SURFACES SHALL ALIGN WITH ADJACENT EXISTING SURFACES UNLESS OTHERWISE SHOWN.
- 3. PROTECT CONCRETE WORK FROM DRYING OUT BY COVERING WITH WATERPROOF PAPER, POLYETHYLENE-COATED BURLAP POLYETHYLENE FILM, OR LIQUID MEMBRANE CURING COMPOUND. PERFORM SLAB CURING AS SOON AS POSSIBLE AFTER FINAL FINISHING OPERATIONS. MAINTAIN CURING FOR 7 DAYS MINIMUM. SECTION 04 20 00 - UNIT MASONRY

#### **ASSEMBLIES**

- WHERE MASONRY CONSTRUCTION IS INDICATED ON DRAWINGS OR WHERE REQUIRED BY CODE TO HAVE FIRE-RESISTANT CONSTRUCTION, PROVIDE MASONRY MATERIAL AND INSTALLATION METHODS NECESSARY TO OBTAIN THE REQUIRED FIRE RATING.
- WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 40°F, OR EXPECTED O FALL BELOW 40°F, COMPLY WITH THE RECOMMENDED PRACTICE FOR COLD WEATHER MASONRY CONSTRUCTION SET FORTH BY THE INTERNATIONAL MASONRY INDUSTRY ALL-WEATHER COUNCIL AND BIA TECHNICAL NOTES 1, LATEST REVISION.
- PROTECT MASONRY CONSTRUCTION FROM DIRECT EXPOSURE TO WIND AND SUN WHEN ERECTED IN AN AMBIENT AIR TEMPERATURE OF 99°F IN THE SHADE WITH A RELATIVE HUMIDITY OF LESS THAN 50 PERCENT.

#### D. MATERIALS

- MASONRY INFILL SHALL MATCH EXISTING MASONRY ASSEMBLY.
- CONCRETE BLOCK, BRICK, AND MORTAR SHALL COMPLY WITH ALL ASTM STANDARDS FOR THE APPLICATIONBEING INSTALLED
- 3. TIES, ANCHORS, AND REINFORCING: GALVANIZED FOR EXTERIOR

- a. SPACE LADDER OR TRUSS TYPE JOINT REINFORCING AT 16" O.C.
- b. SPACE MASONRY VENEER TIES TO SUPPORT NOT MORE THAN 2 S.F. OF WALL AREA.
- E. CLEAN MASONRY ASSEMBLY AFTER MORTAR IS THOROUGHLY SET AND CURED, IN ACCORDANCE WITH MASONRY UNIT MANUFACTURER'S

#### RECOMMENDATIONS. SECTION 05 40 00 - COLD FORMED METAL FRAMING

COLD-FORMED STEEL STRUCTURAL MEMBERS".

- A. COMPONENT DESIGN: COMPUTE STRUCTURAL PROPERTIES OF STUDS IN ACCORDANCE WITH AISI "SPECIFICATION FOR THE DESIGN OF
- B. DESIGN CRITERIA
- WIND LOADS IN ACCORDANCE WITH THE GOVERNING STATE OR LOCAL BUILDING CODE
- DEFLECTION a. LESS THAN L/720 FOR MASONRY EXTERIOR VENEER.

b. LESS THAN L/360 FOR EXTERIOR INSULATION AND FINISH SYSTEM

- PROVIDE MANUFACTURER'S STANDARD STEEL RUNNERS (TRACKS). BLOCKING, LINTELS, CLIP ANGELS, SHOES, REINFORCEMENTS, FASTENERS, AND ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR APPLICATIONS INDICATED, AND AS NEEDED TO PROVIDE A COMPLETE METAL FRAMING SYSTEM.
- INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND RECOMMENDATIONS.

| INTERIO        | INTERIOR STUD FRAMING LIMITING HEIGHTS |                 |                     |                       |                      |
|----------------|--|-----------------|---------------------|-----------------------|----------------------|
| STUD<br>DESIGN | STUD<br>WIDTH                          | STUD<br>SPACING | ALLOW<br>DEFLECTION | PATITION<br>ONE LAYER | FURRING<br>ONE LAYER |
| 20 GAUGE (.03  | 12 MIN.)                               |                 |                     |                       |                      |
| 212ST20        | 2 1/2"                                 | 16"             | L/360               | 12'-0"                | 11'-6"               |
| 358ST20        | 3 5/8"                                 | 16"             | L/360               | 15'-7"                | 15'-0"               |
| 400ST20        | 4"                                     | 16"             | L/360               | 16'-10"               | 16'-3"               |
| 600ST20        | 6"                                     | 16"             | L/360               | 22'-10"               | 23'-3"               |

THIS DESIGN IS BASED UPON UNIMAST CORPORATION PRODUCTS AND SPECIFICATIONS. VERIFY THAT "OR-EQUAL" MANUFACTURER'S PRODUCTS

SPECIFICATIONS ARE EQUAL TO OR EXCEED THOSE LISTED HERE. LIMITING HEIGHT INDICATED IS FOR 5/8" THICK GYPSUM BOARD PANELS AND 5 PSF UNIFORM LOAD PERPENDICULAR TO PARTITION OR FURRING. USE

HEIGHTS FOR UNBALANCED ASSEMBLIES AND FOR FURRING WITH STUD ATTACHED TO TOP AND BOTTOM RUNNERS AND FREE STANDING UP TO 12 FT. HEIGHT. STUDS EXCEEDING 12 FT. HEIGHT REQUIRE INTERMEDIATE BRACING TO BUILDING STRUCTURE. CHASE WALL PARTITIONS REQUIRE HORIZONTAL CROSS BRACES AT 4 FT. O.C. MAX. CONSULT LOCAL CODE AUTHORITY FOR LIMITING CRITERIA.

#### SECTION 06 10 00 - ROUGH CARPENTRY

- A. LUMBER STANDARDS: COMPLY WITH DOC PS20-94, AMERICAN SOFTWOOD LUMBER STANDARD, AND WITH APPLICABLE GRADING RULES OF INSPECTION AGENCIES CERTIFIED BY ALSC'S BOARD OF REVIEW.
- B. MATERIALS

  - a. GRADE: NO. 1 DOUGLAS FIR NO. 2 YELLOW PINE. MOISTURE ONTENT: 19 PERCENT MAXIMUM DOOR LUMBER 2" OR LESS
  - NOMINAL THICKNESS. b. SURFACING: SURFACE 4 SIDES (S4S).
- PLYWOOD: SOFTWOOD PLYWOOD: DOC PS 1-83
- a. EXTERIOR GRADE PLYWOOD WHERE USED AS A BACKING MATERIAL IN EXTERIOR CONSTRUCTION: CDX. b. INTERIOR GRADE PLYWOOD WHERE APPEARANCE IS NOT A
- FACTOR OR WHERE CONCEALED AS A BACKING MATERIAL, EXCEPT IN MOISTURE AREAS: C-D INT-APA. c. IN INTERIOR AREAS WHERE MOISTURE IS PRESENT: CDX.
- 3. FIRE-RETARDANT TREATED WOOD
- a. LUMBER: AWPA C20093
- b. PLYWOOD: AWPA C27-93 4. PRESERVATIVE TREATED WOOD
- a. LUMBER: AWPA C2-93 b. PLYWOOD: AWPA C9-93
- C. INSTALLATION
  - 1. FRAME WOOD MEMBERS TO A CLOSE FIT, SET ACCURATELY TO REQUIRED LINES AND LEVELS AND SECURE RIGIDLY IN PLACE. CUT AND FIT FRAMING, BLOCKING, AND SIMILAR ITEMS TO ACCOMMODATE OTHER WORK.
  - 2. PRESSURE-TREATED WOOD PRODUCTS
  - a. PROVIDE PRESSURE TREATED WOOD FOR ALL FRAMING, BLOCKING, FURRING, NAILING STRIPS, BUILT INTO EXTERIOR MASONRY WALLS, WOOD IN CONTACT WITH CONCRETE AND IN CONJUNCTION WITH ROOFING
  - b. PROVIDE FIRE-RETARDANT TREATED WOOD FOR CONCEALED BLOCKING AND FOR EXPOSED LUMBER AND PLYWOOD IN HABITABLE SPACE.

#### SECTION 07 24 00 - EXTERIOR INSULATION AND FINISH SYSTEM

- A. INSTALLER: ENGAGE AN EXPERIENCED INSTALLER WHO HAS COMPLETED SYSTEMS SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THOSE INDICATED FOR THIS PROJECT, WITH A RECORD OF SUCCESSFUL INSERVICE PERFORMANCE, AND WHO IS APPROVED BY THE MANUFACTURER OF THE SYSTEM.
- B. APPLICATION OF THE SYSTEM SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR ALL COMPONENTS ASSOCIATED WITH THE PRODUCT(S) SPECIFIED IN THE DRAWINGS SECTION 07 92 00 - JOINT **SEALANTS**
- A. MATERIALS
  - PROVIDE AND INSTALL SEALANT AS RECOMMENDED BY MANUFACTURER FOR USE WITH MATERIAL AND EXPOSURE CONDITIONS ENCOUNTERED.
- B. INSTALLATION
- INSTALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTION, AND TO COMPLY WITH THE RECOMMENDATIONS OF ASTM C1193-91, LATEST EDITION, FOR USE OF JOINT SEALANTS AS APPLICABLE TO MATERIALS. APPLICATIONS, AND CONDITIONS INDICATED.
- LOCATIONS
- a. USE POLYURETHANE SEALANT AT THE PERIMETER OF WINDOW FRAMES, DOOR FRAMES AND THRESHOLDS, MISCELLANEOUS FRAMES, CONDITIONS WHERE SEALANT IS IN CONTACT WITH THE EXTERIOR INSULATION AND FINISH SYSTEMS, FOR WALL CONSTRUCTION, SILL PLATES, CONTROL AND EXPANSION JOINTS.

- b. USE SILICONE SEALANT MOLD AND MILDEW RESISTANT TYPE FOR USE AROUND PLUMBING FIXTURES AND AT JOINTS BETWEEN
- BACKSPLASHES AND WALLS. c. USE ACRYLIC LATEX CAULK FOR INTERIOR APPLICATIONS ONLY,
- EXCEPT FOR THE FOLLOWING APPLICATIONS:

WHERE JOINT MOVEMENT IS EXPECTED IN EXCESS OF THE

2. WHERE A SEALANT IS OTHERWISE SHOWN OR SPECIFIED

#### ABOVE FOR USE. SECTION 08 11 00 - STEEL DOORS AND

MATERIALS SPECIFIED CAPABILITIES.

- **FRAMES** A. COMPLY WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) FOR
- DOOR AND FRAME PREPARATION, PHYSICAL ENDURANCE CRITERIA, AND
- 1. UNLESS OTHERWISE SHOWN, FABRICATE INTERIOR FRAMES OF 16 GAUGE STEEL AND EXTERIOR FRAMES OF 14 GAUGE GALVANIZED STEEL. FULLY WELD FRAMES WITH CORNERS MITERED AND
- 2. FABRICATE FLUSH HOLLOW METAL DOORS WITH FACE SHEETS CH FORMED OF 18 GAUGE STEEL FOR INTERIOR DOORS AND 6 GAUGE GALVANIZED STEEL FOR EXTERIOR DOORS.
- a. INSULATE EXTERIOR NONFIRE-RATED HOLLOW METAL DOORS WITH POLYSTYRENE OR POLYURETHANE AT DOOR MANUFACTURER'S OPTION, INSERTED BETWEEN VERTICAL REINFORCING.

GROUND SMOOTH, UNLESS KNOCKDOWN FRAMES ARE SPECIFIED.

- 3. FABRICATE FIRE-BATED DOORS AND FRAMES IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA STANDARD NO.8 AND UL STANDARD FOR SAFETY NO. 63 FOR THE CLASS OF DOOR
- a. DOORS AND FRAMES SHALL BEAR THE APPROPRIATE UNDERWRITERS LABORATORIES LABELS, STATING REQUIRED FIRE-PROTECTION RATING AND MAXIMUM TEMPERATURE RISE RATING, IF ANY.
- C. INSTALLATION

B. FABRICATION

- SET FRAMES ACCURATELY IN POSITION, PLUMBED, ALIGNED, AND BRACED SECURELY UNTIL PERMANENT ANCHORS ARE SET. FIT HOLLOW METAL DOORS ACCURATELY IN FRAMES, WITHIN
- EXISTING DOORS AND FRAMES: EXAMINE EXISTING DOORS AND FRAMES WHICH ARE TO REMAIN, OR ARE TO BE REMOVED AND RELOCATED, TO DETERMINE THAT DOORS SWING FREELY, ARE PROPERLY ALIGNED WITHIN FRAME, AND WILL ACCEPT NEW HARDWARE AS SPECIFIED. NOTIFY BROWN SHOE'S CONSTRUCTION MANAGER IN WRITING OF DOORS AND FRAMES THAT DO NOT MEET THESE REQUIREMENTS.

#### SECTION 08 31 00 - ACCESS **DOORS**

A. USE SIZE 24" X 24" MINIMUM IF NO ACTUAL SIZE IS INDICATED -WEATHERPROOF DOOR, HINGES SHALL BE CONCEALED, SPRING TYPE. OPENING TO 175°. LOCKS SHALL BE FLUSHED, SCREW DRIVER PERATED, WITH METAL CAM. PROVIDE RATED DOOR AND HARDWARE WHERE REQUIRED. ANY CHANGE ORDERS RESULTING FROM NOT

## SECTION 08 41 00 - INTERIOR STOREFRONT SYSTEM

INSTALLING THIS DOOR WILL BE CHARGED TO THE G.C.

A. STOREFRONT SYSTEM

B. INSTALLATION

- 1. COMPONENTS AND FINISHES AS INDICATED ON DRAWINGS.
- 1. GENERAL: COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS FOR INSTALLATION OF ALUMINUM FRAMING

2. SET UNITS PLUMB, LEVEL, AND TRUE TO LINE, WITHOUT WARP

SURFACES OF CORROSION DUE TO ELECTROLYTIC ACTION AT POINTS OF CONTACT WITH OTHER MATERIALS.

AND RACK OF FRAMING MEMBERS. ANCHOR SECURELY IN

PLACE, SEPARATING ALUMINUM AND OTHER CORRODIBLE METAL

#### 3. COMPLY WITH MANUFACTURER'S RECOMMENDATION AND SECTION 08800 FOR GLASS AND GLAZING WORK.

- SECTION 08 71 00 DOOR **HARDWARE**
- A. COMPLY WITH: AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
- REQUIREMENTS, USE LATEST EDITION OF STANDARD AVAILABLE. 2. HARDWARE SUPPLIER SHALL BE RESPONSIBLE FOR THOROUGHLY

DETAILING THE PROJECT TO ENSURE THAT THE ITEMS SPECIFIED

- WILL PROPERLY FUNCTION IN THE INDICATED LOCATIONS.
- ACCESSORIES AND ATTACHMENTS a. FURNISH HARDWARE WITH SCREWS, THROUGH BOLTS AND OTHER FASTENINGS SUITABLE TO ASSURE PERMANENT ANCHORAGE. WHERE EXPOSED. FASTENINGS SHALL BE COUNTERSUNK OVAL-HEAD TYPE, (EXCEPT USE FLATHEAD FOR HINGES), AND SHALL MATCH FINISH OF HARDWARE BEING ATTACHED. PROVIDE CONCEALED FASTENINGS WHEREVER POSSIBLE. HARDWARE SHALL NOT BE ATTACHED WITH SELF-TAPPING SCREWS AND SHEET METAL SCREWS. DOOR CLOSERS, CLOSER ARMS, DOOR HOLDERS, HOLDER ARMS AND DOOR STOPS SHALL BE SECURED TO DOORS AND FRAMES WITH FASTENERS SUPPLIED BY THE MANUFACTURER. FLOOR TYPE STOPS AND HOLDERS SHALL BE FASTENED TO THE FLOOR WITH MACHINE SCREWS INTO EXPANSION SHIELDS. ALL HARDWARE SHOULD BE ADJUSTED TO MEET CODE REQUIREMENTS, INCLUDING OPENING FORCES,
- B. INSTALLATION
  - INSTALL EACH HARDWARE ITEM IN COMPLIANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTION AND RECOMMENDATIONS AT MOUNTING HEIGHTS CONFORMING TO THE RECOMMENDED MOUNTING LOCATIONS OF THE BUILDERS' HARDWARE MANUFACTURERS ASSOCIATION, AND THE AMERICAN'S WITH DISABILITIES ACT. WHEREVER CUTTING AND FITTING IS REQUIRED TO INSTALL HARDWARE ONTO AND INTO SURFACES WHICH ARE LATER TO BE PAINTED OR FINISHED IN ANOTHER WAY, INSTALL EACH ITEM COMPLETELY AND THEN REMOVE AND STORE IN A SECURE PLACE DURING THE FINISH APPLICATION. AFTER COMPLETION OF THE FINISHES. REINSTALL EACH ITEM. DO NOT INSTALL SURFACE-MOUNTED ITEMS UNTIL FINISHES HAVE BEEN COMPLETED ON THE SUBSTRATE.
  - 2. MORTISE AND CUT TO CLOSE TOLERANCE AND CONCEAL EVIDENCE OF CUTTING IN THE FINISHED WORK.

RELEASE ACTIVATION FORCES, ETC.



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#### Project Owner:





Issue For: **BUILDING 2ND SUBMITTAL** 

Issue Date: 04/20/2018

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#### RINCIPAL IN CHARG PROJECT MANAGER: Checker

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**Project Address: GEN BBQ** 

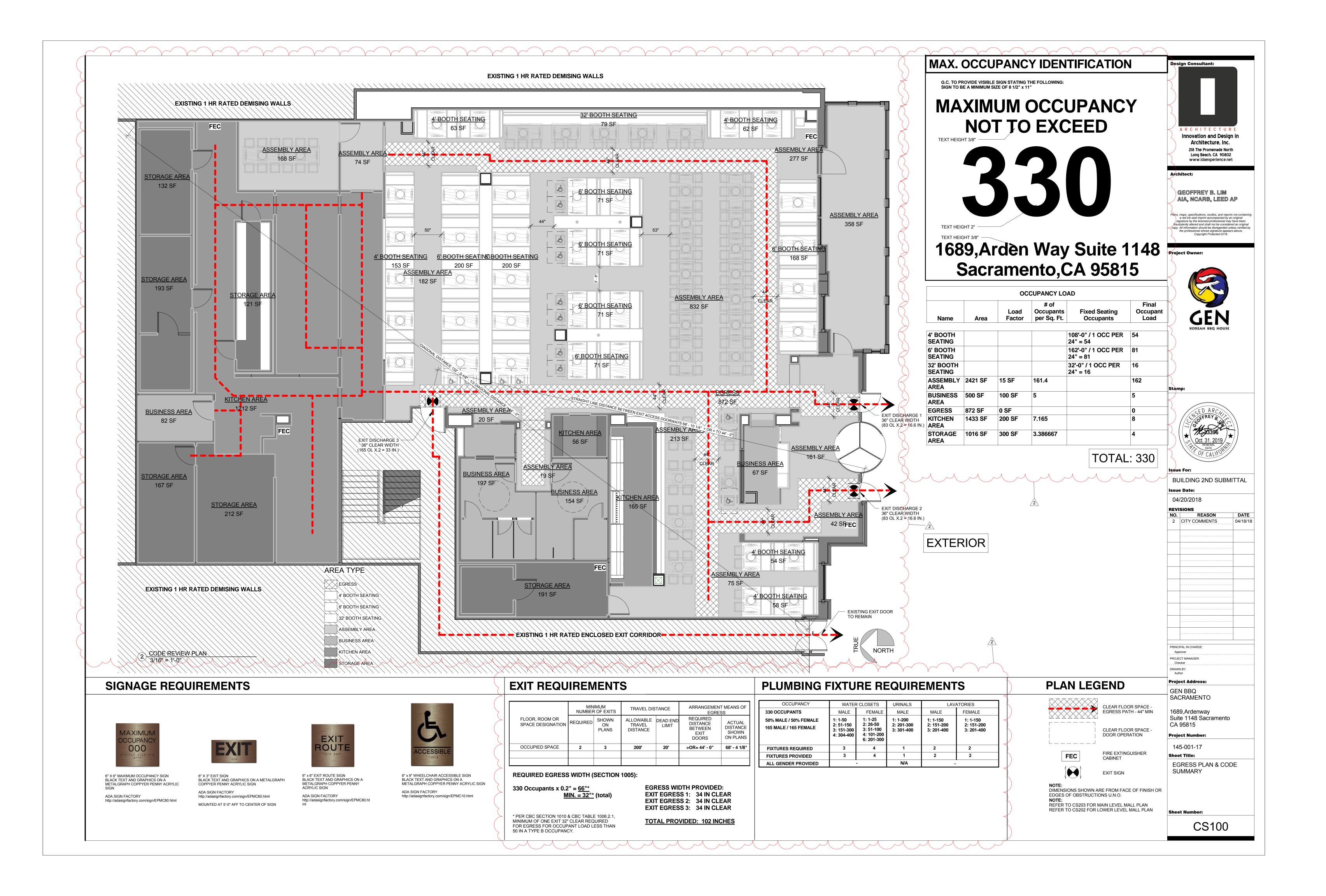
SACRAMENTO

1689, Ardenway

Suite 1148 Sacramento CA 95815

Project Number: 145-001-17 Sheet Title:

SPECIFICATION SHEET



#### A. SITE DEVELOPMENT

 GRADE AND DEVELOP SITE SO THAT ALL BUILDING ENTRANCES REQUIRED EXITS, AND OTHER ACCESS POINTS TO THE BUILDING, AS DESIGNATED BY THE GOVERNING AGENCY, ARE ACCESSIBLE TO THE PHYSICALLY DISABLED FROM BOTH THE PUBLIC WAY AND FROM THE SPECIAL PARKING SPACE(S) PROVIDED FOR THE DISABLED. THE ACCESSIBLE ROUTE OF TRAVEL SHALL BE PROVIDED BETWEEN THE BUILDING AND FACILITIES ON THE SITE.

#### B. PARKING

#### 1. PROVIDE DISABLED PARKING SPACES.

DISABLED PARKING SPACE.

- 2. EACH SPACE SHALL BE 14 FEET WIDE AND OUTLINED TO PROVIDE A 9 FOOT PARKING AREA AND A 5 FOOT LOADING AND UNLOADING AREA. SEE NOTE #3 BELOW. VAN ACCESSIBLE STALLS AS REQUIRED
- 3. TWO ADJACENT PARKING SPACES MAY BE PROVIDED WITH A 23 FOOT WIDE AREA LINED TO PROVIDE A 9 FOOT PARKING AREA ON EACH SIDE OF A 5 FOOT LOADING AND UNLOADING AREA IN THE CENTER. 8 FOOT LOADING/UNLOADING AREA AT VAN ACCESSIBLE STALLS.
- 4. THE MINIMUM LENGTH OF EACH PARKING SPACE SHALL BE 18 FEET 5. SURFACE SLOPES OF PARKING SPACES FOR THE PHYSICALLY DISABLED SHALL NOT EXCEED 1/4 INCH PER FOOT (2.083% GRADIENT) IN ANY DIRECTION.
- 6. ALL PARKING STRUCTURES AND PARKING AREAS SHALL HAVE ACCESSIBLE PARKING SPACES AND ALL ENTRANCES LEADING TO THE ACCESSIBLE PARKING SPACES AND ALL VEHICLE EXITS FROM THE ACCESSIBLE PARKING SPACES INCLUDING THE DRIVEWAY, AISLE AND STALL AREA. SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8'-2". PROVIDE 114" (9'-6") MINIMUM CLEARANCE TO BUILDING/ FACILITIES PASSENGER LOADING ZONE FROM THE PUBLIC WAY AND INCLUDING THE PASSENGER LOADING ZONES.
- 7. THE 8'-2" AND 9'-6" VERTICAL DIMENSIONS SHALL BE CLEAR OF ALL OBSTRUCTIONS, INCLUDING BEAMS, SPRINKLER HEADS, PIPING, ETC.
- 8. A DISABLED PARKING SPACE SHALL BE LOCATED SO AS NOT TO REQUIRE ITS USER TO WHEEL OR WALK BEHIND ANY OTHER DISABLED OR NON-
- 9. PEDESTRIAN WAYS WHICH ARE ACCESSIBLE TO THE PHYSICALLY DISABLED SHALL BE PROVIDED FROM EACH ACCESSIBLE PARKING SPACE TO RELATED FACILITIES, INCLUDING ELEVATORS, CURB CUTS AND/OR RAMPS AS NEEDED.
- 10. IN EACH PARKING AREA, A BUMPER OR CURB SHALL BE PROVIDED AND LOCATED TO PREVENT ENCROACHMENT OF CARS OVER THE REQUIRED WIDTH OF WALKWAYS.
- 11. ACCESSIBLE PARKING SPACES SHALL BE LOCATED AS NEAR AS PRACTICAL TO ACCESSIBLE ENTRANCE(S).
- 12. WHEN ACCESSIBLE PARKING IS LOCATED SUCH THAT THE PATH OF TRAVEL FROM THE ACCESSIBLE PARKING SPACE(S) TO A BUILDING OR FACILITY REQUIRES A DISABLED PERSON TO TRAVEL INTO THE PUBLIC WAY. THE ENTIRE PATH OF TRAVEL, INCLUDING THAT PORTION IN THE PUBLIC WAY SHALL CONFORM TO ALL APPLICABLE CODE REQUIREMENTS, INCLUDING
- 13. WHEN SEPARATE PARKING AREAS SUCH AS COVERED AND UNCOVERED AREAS, NON-INTERCONNECTED PARKING AREAS OR LEVELS OR SEPARATE PARKING AREAS OR STRUCTURES, ARE PROVIDED ON A SITE, EACH PARKING AREA SHALL HAVE ACCESSIBLE PARKING STALLS.
- 14. EACH PARKING SPACE RESERVED FOR THE DISABLED SHALL BE IDENTIFIED BY A PERMANENTLY AFFIXED REFLECTORIZED SIGN CONSTRUCTED OF PORCELAIN ON STEEL, BEADED TEXT, OR EQUAL, DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND SHALL BE CENTERED AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE HIGHEST ADJACENT FINISHED GRADE, OR CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT THAT WILL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE. "VAN ACCESSIBLE" SIGN SHALL BE INSTALLED BELOW THE SYMBOL OF ACCESSIBILITY SIGN WHERE VAN
- 15. A SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO THE OFF-STREET PARKING FACILITY, NOT LESS THAN 17 INCHES X 22 INCHES IN SIZE WITH LETTERING NOT LESS THAN 1 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING: UNAUTHORIZED VEHICLES PARKED IN DESIGNATED DISABLED ACCESS ONLY PARKING SPACES AND NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR DISABLED PERSONS MAY BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT
- 16. IN ADDITION TO THE ABOVE SIGNAGE REQUIREMENTS. THE SURFACE OF EACH PARKING PLACE SHALL HAVE A SURFACE IDENTIFICATION SYMBOL DUPLICATING THE SYMBOL OF ACCESSIBILITY IN BLUE PAINT, AT LEAST 3
- 17. IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS, OR OTHER ELEMENTS RETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS 36" WIDE DETECTABLE WARNING BANDS CONSISTING OF RAISED TRUNCATED DOMES WITH A 0.9 INCH (23 MM)DIAMETER, HEIGHT OF 0.2 INCH (5 MM) AND 2.35 INCH (60 MM) O.C. AND SHALL BE OF A LIGHT VS. DARK **COLOR CONTRAST**

#### C. WALKS AND SIDEWALKS:

TELEPHONING

- 1. WALKS AND SIDEWALKS SUBJECT TO THESE REGULATIONS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2 INCH AND SHALL BE A MINIMUM OF 48 INCHES IN WIDTH, WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1.2. EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL (26 DEGREE MAX BEVEL = 1:2 SLOPE). SEE TYPICAL ACCESSIBILITY DETAIL SHEET.
- 2. WALK AND SIDEWALK SURFACES SHALL BE SLIP-RESISTANT WITH A STATIC COEFFICIENT OF FRICTION OF 0.6, SEE RAMPS AND CURB RAMP NOTES
- 3. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL (5% GRADIENT) IT SHALL COMPLY WITH THE PROVISIONS FOR PEDESTRIAN RAMPS.
- 4. SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4 INCH PER FOOT.
- 5. WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2 INCH IN THE DIRECTION OF TRAFFIC FLOW
- 6. WHEN CHANGES IN LEVELS GREATER THAN 1/2 INCH ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS.
- 7. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60 INCHES X 60 INCHES AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 54" WIDE BY 48" INCHES DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. SUCH WALKS SHALL EXTEND 24 INCHES TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
- 8. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5 FEET IN LENGTH AT INTERVALS EVERY 30" OF RISE AND AT EVERY
- 9. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS SHALL BE 48" MINIMUM

#### D. PEDESTRIAN RAMPS

- 1. ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1 FOOT RISE IN 20 FOOT HORIZONTAL RUN (5%).
- 2. PEDESTRIAN RAMPS SERVING ACCESSIBLE ENTRANCES TO BUILDINGS SHALL
- HAVE A CLEAR WIDTH NOT LESS THAN THE WIDTH REQUIRED FOR WALKS. 3. PEDESTRIAN RAMPS SERVING ACCESSIBLE ENTRANCES TO BUILDINGS SHALL BE A MINIMUM 48 INCHES CLEAR WIDTH.
- 4. PEDESTRIAN RAMPS SERVING ACCESSIBLE ENTRANCES TO BUILDINGS HAVING AN OCCUPANT LOAD OF 300 OR MORE SHALL HAVE A MINIMUM CLEAR WIDTH OI 60 INCHES.

- 5. PEDESTRIAN RAMPS SERVING ACCESSIBLE ENTRANCES TO BUILDINGS HOUSING GROUP R OCCUPANCIES MAY BE 36 INCHES CLEAR WIDTH WHEN THE OCCUPANT LOAD IS 50 OR LESS.
- 6. THE MAXIMUM SLOPE OF A RAMP THAT SERVES ANY EXIT WAY, PROVIDES DISABLED ACCESS OR IS IN THE PATH OF TRAVEL SHALL BE 1 FOOT RISE IN 12 FEET OF HORIZONTAL RUN. THE LEAST POSSIBLE SLOPE SHALL BE USED FOR
- 7. RAMP LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF EACH RAMP. 8. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE AND AT EACH CHANGE OF DIRECTION. LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE
- 9. TOP LANDINGS SHALL BE NOT LESS THAN 60 INCHES WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60 INCHES IN THE DIRECTION OF RAMP RUN. 10. DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE RAMP LANDING TO LESS THAN 42 INCHES AND SHALL NOT REDUCE THE

REQUIRED WIDTH BY MORE THAN 3-1/2 INCHES WHEN FULLY OPEN.

- 11. THE WIDTH OF THE LANDING SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF ANY DOOR OR GATE FOR EXTERIOR RAMPS AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR RAMPS.
- 12. INTERMEDIATE LANDINGS AT A CHANGE OF DIRECTION AND BOTTOM LANDINGS SHALL HAVE A DIMENSION IN THE DIRECTION OF RAMP RUN OF NOT LESS THAN
- 13. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR THE RAMPS.
- 14 OTHER INTERMEDIATE LANDINGS SHALL HAVE A DIMENSION IN THE DIRECTION OF RAMP RUN OF NOT LESS THAN 60 INCHES.
- 15. THE SLOPE ACROSS A RAMP LANDING IN ANY DIRECTION SHALL NOT EXCEED 1/4 INCH RISE IN 1 FOOT OF HORIZONTAL RUN.
- SLOPE EXCEEDS 1 FOOT RISE IN 20 FEET OF HORIZONTAL RUN. 17. HANDRAILS SHALL BE PLACED ON EACH SIDE OF EACH RAMP. HANDRAILS SHALL BE CONTINUOUS, THE FULL LENGTH OF THE RAMP, SHALL BE AT 34 INCHES ABOVE THE RAMP WITH A HORIZONTAL RAIL AT 27" ABOVE RAMP SURFACE WHEN INTERMEDIATE RAILING WITH MAX. OF 4" OF CLEAR SPACE IS NOT REQUIRED LOW HORIZONTAL RAIL SHALL EXTEND SAME AS REQUIRED FOR HANDRAILS AND SHALL EXTEND A MIN. OF 1 FOOT BEYOND THE TOP AND BOTTOM OF THE

16. HANDRAILS ARE REQUIRED ON RAMPS THAT PROVIDE DISABLED ACCESS, IF THE

- RAMP, AND THE ENDS SHALL BE RETURNED TO A WALL, FLOOR, OR POST 18. HANDRAILS PROJECTING FROM A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1 1/2 INCHES BETWEEN THE WALL AND THE HANDRAIL
- 19. THE GRIP PORTION OF THE HANDRAIL SHALL BE NOT LESS THAN 1 1/4 INCHES NOR MORE THAN 1 1/2 INCHES IN CROSS SECTIONAL OUTSIDE DIMENSION, OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE AND ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS. SEE TYPICAL ACCESSIBILITY
- 20. THE SURFACE ON RAMPS SHALL BE NON-SLIP MEETING A COEFFICIENT OF FRICTION
- 21. WHEN THE RAMP SURFACE IS NOT BOUNDED BY A WALL OR FENCE AND THE RAMP EXCEEDS 10 FEET IN LENGTH, THE RAMP SHALL COMPLY WITH ONE OF THE FOLLOWING REQUIREMENTS:
- A. A GUIDE CURB A MINIMUM OF 2 INCHES IN HEIGHT SHALL BE PROVIDED AT EACH SIDE OF THE RAMP, EXCEPT WHEN ADJACENT GRADE IS 4" OR GREATER BELOW RAMP SURFACE, THEN CURB SHALL BE A MIN. 6" HIGH ABOVE RAMP SURFACE.
- B. A WHEEL GUIDE RAIL SHALL BE PROVIDED, CENTERED 3 INCHES PLUS OR MINUS 1 INCH ABOVE THE SURFACE ON THE RAMP. C. SEE NOTE #T-7 FOR ADDITIONAL INFORMATION.
- 22. WHERE A RAMP SURFACE HAS A SLOPE OF 1:20 (5%) OR GREATER AND THE ADJACENT GRADE IS GREATER THAN 4" BELOW THE RAMP SURFACE A CURB 6" HIGH ABOVE THE RAMP SURFACE SHALL BE PROVIDED ALONG SUCH OPEN SIDE OF RAMP SURFACE OR WHEEL GUIDE. SEE 21.B ABOVE
- 23. WHERE AN ADJACENT GRADE IS 30" BELOW THE OPEN SIDE OF THE RAMP, A 42"-45" HIGH GUARDRAIL SHALL BE INSTALLED WITH INTERMEDIATE MEMBERS SO AN OBJECT OF 4" DIAMETER CAN NOT PASS THROUGH SUCH INTERMEDIATE MEMBERS.

#### E. CURB RAMPS

- 1. CURB RAMPS SHALL BE CONSTRUCTED AT EACH CORNER OF STREET INTERSECTIONS, WHERE A PEDESTRIAN WAY CROSSES A CURB AND WHEN ACCESSIBLE ROUTE FROM ACCESSIBLE PARKING STALL OCCURS.
- 2. CURB RAMPS SHALL BE A MINIMUM OF 4 FEET IN WIDTH AND SHALL LIE GENERALLY IN A SINGLE SLOPED PLANE. WITH A MINIMUM OF SURFACE WARPING AND CROSS SLOPE. 3. THE SLOPE OF CURB RAMPS SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL

THE SLOPE OF THE FANNED OR FLARED SIDES OF CURB RAMPS SHALL NOT EXCEED

- 1 VERTICAL TO 10 HORIZONTAL. CURB RAMP MAXIMUM RISE AND RUN SHALL BE 6" AND 6'-0", RESPECTIVELY 4. A LEVEL LANDING 4 FEET DEEP SHALL BE PROVIDED AT THE UPPER END OF EACH CURB RAMP OVER ITS FULL WIDTH TO PERMIT SAFE EGRESS FROM THE RAMP SURFACE, OR THE SLOPE OF THE FANNED OR FLARED SIDES OF THE CURB RAMP
- SHALL NOT EXCEED ONE VERTICAL TO 12 HORIZONTAL. SEE NOTE C.6 ABOVE. 5. THE LOWER END OF EACH CURB RAMP SHALL HAVE A 1/2 INCH LIP BEVELED AT 1:2.
- 6. THE SURFACE OF EACH CURB RAMP AND ITS FLARED SIDES SHALL BE NON-SLIP MEETING A STATIC COEFFICIENT OF FRICTION OF 0.8 AND SHALL BE OF CONTRASTING FINISH FROM THAT OF THE ADJACENT SIDEWALK.
- 7 THE WALKING SURFACE OF EACH CURB RAMP SHALL HAVE DETECTABLE WARNING TILE PAVERS, INSTALLED ACROSS THE FULL WIDTH AND DEPTH OF THE SLOPED WALKING SURFACE. THE SURFACE OF THESE PAVERS SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE AND CONSIST OF RAISED TRUNCATED DOMES 0.9 INCHES (23 MM) DIAMETER, 0.2 (5 MM) HIGH AND 2.35 INCHES (60 MM)O.C., AS MANUFACTURED BY CROSSVILLE CERAMICS (714)639-1069 COLOR AS SELECTED BY ARCHITECT. SEE TYPICAL ACCESSIBILITY DETAILS SHEET
- 8. ALL CURB RAMPS SHALL HAVE A DETECTABLE WARNING BORDER 12 INCHES WIDE AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP AND EACH SIDE OF THE RAMP. THIS BORDER SHALL CONSIST OF 1/4 INCH BY 1/4 INCH GROOVES APPROXIMATELY 3/4 INCH ON CENTER AND RUNNING PERPENDICULAR TO THE FLOW OF PEDESTRIAN TRAFFIC. SEE TYPICAL ACCESSIBILITY DETAILS SHEET.

#### F. ENTRANCES

SEE NOTE C.1 ABOVE.

- 1. AT LEASE ONE PRIMARY ENTRANCE (NOTE: SOME GOVERNING AGENCIES MAY DEFINE EXITS AS A BLDG. ENTRANCE) TO BUILDING AND FACILITIES SHALL BE MADE ACCESSIBLE TO THE PHYSICALLY DISABLED, QUANTITY OF ACCESSIBLE ENTRANCES, ALTHOUGH, SHALL BE AS REQUIRED BY THE GOVERNING AGENCIES.
- ALL DISABLED ACCESSIBLE ENTRANCES, SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS VISIBLE FROM
- APPROACHING PEDESTRIAN WAYS. EVERT REQUIRED ENTRAINCE, EALT", OR PASSAGE DOORWAY SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN WIDTH AND NOT LESS THAN 6 FEET, 8 INCHES IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32 INCHES.
- 4. WHERE A PAIR OF DOORS IS UTILIZED AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- 5. WHEN AN AUTOMATIC DOOR OPERATOR IS UTILIZED TO OPERATE A PAIR OF DOORS. AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- 6. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL, SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- 7. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE THE FLOOR.
- 8. THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60 INCHES AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48 INCHES AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.
- 9. THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR DOORS. WHEN DOOR SWINGS IN DIRECTION OF TRAVEL AND THE DOOR HAS BOTH LATCH AND A CLOSER. 12" OF CLEARANCE SHALL BE PROVIDED AT THE DOOR STRIKE EDGE OPPOSITE OF THE

- 10. THE FLOOR OR LANDING SHALL BE NOT MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
- 11. THE BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRIP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10 INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRIP OR HAZARDOUS CONDITION. SEE TYPICAL ACCESSIBILITY DETAIL SHEET.

- 13. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS IN A VESTIBULE, SERVING OTHER THAN A REQUIRED EXIT STAIRWAY SHALL PROVIDE A MINIMUM OF 48 INCHES OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH VESTIBULE WHEN THE DOOR IS POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. DOORS IN A SERIES SHALL SWING EITHER IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS.
- 14. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8 1/2 LBS. FOR EXTERIOR DOORS AND 5 LBS. FOR INTERIOR DOORS SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLE TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED UP TO 15 LBS.
- 15. WHERE TURNSTILES ARE UTILIZED IN A FACILITY FOR THE PURPOSE OF PROVIDING FULLY CONTROLLED ACCESS, A DOOR OR GATE THAT IS FULLY ACCESSIBLE TO THE PHYSICALLY DISABLED SHALL BE PROVIDED ADJACENT TO THE TURNSTILE OR REVOLVING DOOR AND SHALL BE SO DESIGNED TO FACILITATE THE SAME USE

#### G. FLOORS AND LEVELS

- 1. IN BUILDINGS AND FACILITIES, FLOORS OF ANY GIVEN SPACE SHALL HAVE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS AND/OR, WHEN ALLOWED, SPECIAL ACCESS LIFTS.
- 2. FLOORS ARE TO BE SLIP RESISTANT.
- 3. SEE "THRESHOLD/LEVEL CHANGES" DETAIL ON TYPICAL ACCESSIBILITY DETAIL
- 4. SEE NOTE #T-7 FOR ADDITIONAL INFORMATION.

#### H. CORRIDORS AND AISLES

- EVERY CORRIDOR SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE NOT LESS IN WIDTH THAN 44 INCHES.
- 2. CORRIDORS THAT EXCEED 200 FEET IN LENGTH SHALL:
- A. HAVE A MINIMUM CLEAR WIDTH OF 60 INCHES, OR,
- B. HAVE, AT A CENTRAL LOCATION, A 60 INCH X 60 INCH MINIMUM WHEELCHAIR TURNING SPACE OR PASSING ALCOVE; OR,
- C. HAVE, AT A CENTRAL LOCATION, AN INTERVENING CROSS OR TEE CORRIDOR, A MINIMUM OF 44 INCHES IN WIDTH; OR,
- D. HAVE, AT A CENTRAL LOCATION, AN OPERABLE DOOR.

#### I. ELEVATORS

- 1. PASSENGER ELEVATORS SERVING AN OCCUPANT LOAD OF MORE THAN 50 SHALL HAVE A MINIMUM INSIDE CAR PLATFORM OF 5 FEET 8 INCHES WIDE X 4 FEET 3 INCHES DEEP FROM REAR WALL TO SIDE RETURN PANEL AND 4'-6" FROM REAR WALL TO DOOR. DOORS SHALL BE 3 FEET CLEAR, SIDE SLIDE TYPE. 80" MIN. INSIDE CAB WIDTH WHEN CENTERED DOOR. AT LEAST ONE CAR SHALL BE SIZED TO 6'-8" WIDE X 4'-3" MIN. INSIDE DIMENSIONS WITH A 42" DOOR TO ACCOMMODATE AMBULANCE TYPE STRETCHER, 76" X 24" HORIZONTAL POSITION, AS REQUIRED BY THE STATE FIRE MARSHAL. SUCH MEDICAL EMERGENCY ELEVATOR SHALL BE IDENTIFIED WITH THE INTERNATIONAL "STAR OF LIFE" SYMBOL. 3" SQUARE AND PERMANENTI Y ATTACHED TO THE HOISTWAY DOOR FRAME AT HEIGHT BETWEEN +6'-6" AND +7'-7" AND INSTALLED TO BE VISIBLE AT ANGLES FROM THE HALLWAY OR LANDING AREA
- 2. EXCEPT AT MAIN ENTRANCE LEVEL A PICTOGRAM SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION WHICH WILL INDICATE THAT. IN CASE OF FIRE, THE ELEVATOR WILL NOT OPERATE AND THAT EXIT STAIRWAYS SHOULD BE USED.
- NOT USED 4. PASSENGER ELEVATORS SHALL BE PROVIDED WITH ONE HANDRAIL, OF 1 1/2" DIAMETER, LOCATED 2'-8" ABOVE THE CAR PLATFORM.
- 5. ELEVATOR FLOOR BUTTONS SHALL BE WITHIN 4 FEET 6 INCHES ON THE CAR FLOOR FOR SIDE APPROACH AND 4 FEET FOR FRONT APPROACH.
- 6. EXCEPT FOR PHOTO-ELECTRIC TUBE BY-PASS SWITCHES, EMERGENCY CONTROLS INCLUDING THE EMERGENCY STOP AND ALARM SHALL BE GROUPED IN OR ADJACENT TO THE BOTTOM OF THE PANEL AND SHALL BE NO LOWER THAN 2 FEET 11 INCHES FROM THE FLOOR. FOR MULTIPLE CONTROLS ONLY ONE SET MUST COMPLY WITH THESE HEIGHT REQUIREMENTS.
- 7. THE EMERGENCY TELEPHONE HANDSET SHALL BE POSITIONED NO HIGHER THAN 4 FEET ABOVE THE FLOOR, AND THE HANDSET CORD SHALL BE A MINIMUM OF 2 FEET 5 INCHES IN LENGTH. IT SHALL BE IDENTIFIED WITH A PICTOGRAM ADJACENT TO THE DEVICE. SEE SIGNS/PICTOGRAM DETAIL. TYPICAL ACCESSIBILITY DETAIL SHEET. IF SYSTEM IS LOCATED IN A CLOSED COMPARTMENT, THE COMPARTMENT DOOR HARDWARE SHALL BE OPERABLE BY ONE HAND AND SHALL NOT REQUIRE PINCHING, TIGHT GRASPING, OR TRISTING OF THE WRIST WITH FORCE ACTIVATION AT LESS THAN 5 LBS. SUCH COMPARTMENT SHALL BE IDENTIFIED BY A PICTOGRAM THE EMERGENCY TELECOMMUNICATION SYSTEM SHALL NOT REQUIRE VOICE COMMUNICATIONS. SYSTEM SHALL HAVE AN AUTOMATIC BACK-UP POWER SOURCE CAPABLE OF PROVIDING OPERATIONS FOR 2 HOURS, OR AS REQUIRED BY THE GOVERNING AGENCIES.
- PASSENGER ELEVATOR CAR CONTROLS SHALL HAVE A MINIMUM DIMENSION OF 3/4 INCH AND SHALL BE RAISED A MINIMUM OF 1/8 INCH. ALL CONTROL BUTTONS SHALL BE DESIGNATED BY A 5/8 INCH MINIMUM ARABIC NUMERALS. STANDARD ALPHABET CHARACTER, OR STANDARD SYMBOL AND A BRAILLE SYMBOL LOCATED IMMEDIATELY TO THE LEFT OF THE CONTROL BUTTON. MINIMUM 3/8" OR OTHER SUITABLE MEANS OF SEPARATION SHALL BE PROVIDED BETWEEN ROWS OF CONTROL BUTTONS. A VISUAL CAR POSITION INDICATOR SHALL BE PROVIDED ABOVE THE CAR CONTROL PANEL OR OVER THE DOOR TO SHOW CAR POSITION IN THE HOISTWAY. AS THE CAR PASSES THROUGH OR STOPS AT A FLOOR SERVED BY THE ELEVATORS. THE CORRESPONDING NUMBERS SHALL ILLUMINATE AND AN AUDIBLE SIGNAL SHALL SOUND. NUMERALS SHALL BE 1/2" MINIMUM HIGH. AUDIBLE SIGNAL SHALL BE NO LESS THAN 20 DECIBEL AT 1500 HZ. MAXIMUM. A VERBAL
- THE RAISED CHARACTERS SHALL BE ON A CONTRASTING BACKGROUND. CONTROLS AND EMERGENCY EQUIPMENT IDENTIFIED BY RAISED SYMBOLS SHALL INCLUDE, BUT NOT BE LIMITED TO, DOOR OPEN, DOOR CLOSE, ALARM BELL, EMERGENCY STOP, AND TELEPHONE. MAIN FLOOR SHALL BE DESIGNATED BY A RAISED STAR AT THE LEFT OF THE FLOOR DESIGNATION.

ANNOUNCEMENT IS AN ACCEPTABLE SUBSTITUTE.

- 10. PASSENGER ELEVATOR LANDING JAMBS ON ALL ELEVATOR FLOORS SHALL HAVE THE NUMBER OF THE FLOOR ON WHICH THE JAMB IS LOCATED DESIGNATED BY RAISED ARABIC NUMERALS WHICH ARE A MINIMUM OF 2 INCH IN HEIGHT AND RAISED BRAILLE SYMBOLS LOCATED 5 FEET ABOVE THE FLOOR ON THE JAMB PANELS ON BOTH SIDES OF THE DOOR SO THAT THEY ARE VISIBLE FROM WITHIN THE ELEVATOR. RAISED BRAILLE SYMBOLS SHALL BE PLACED DIRECTLY TO THE LEFT OF THE CORRESPONDING RAISED ARABIC NUMERALS. THE RAISED CHARACTERS SHALL BE ON A CONTRASTING BACKGROUND.
- 11. CALL OPERATION BUTTONS SHALL BE WITHIN 3 FEET 6 INCHES OF THE FLOOR. BUTTONS SHALL BE A MINIMUM OF 3/4 INCH IN SIZE AND SHALL BE RAISED A MINIMUM OF 1/8 INCH. VISUAL INDICATION SHALL BE PROVIDED TO SHOW EACH CALL REGISTERED AND EXTINGUISHED WHEN ANSWERED. CONTROLS SHALL BE LOCATED ON FRONT WALL IF "CENTER OPENING" DOORS AND ON SIDE OR FRONT WALLS IF
- 12. THE MINIMUM TIME FOR ELEVATOR DOORS TO REMAIN FULLY OPEN IN RESPONSE TO A CAR CALL SHALL BE 5 SECONDS.
- 13. THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOOR OF THAT CAR STARTS TO CLOSE SHALL BE 5 SECONDS.
- 14. FLOOR NUMBERS OF 4" OR MORE IN HEIGHT SHALL BE LOCATED ON THE WALLS OR DOORS OF EACH HOISTWAY AT INTERVALS SLICH THAT A PERSON IN A STALLED ELEVATOR, UPON OPENING THE CAR DOOR CAN DETERMINE THE FLOOR POSITION.

15. ILLUMINATION LEVEL AT CAR CONTROLS, PLATFORM AND CAR THRESHOLD SHALL BE

- A MINIMUM OF 5 FOOT CANDLES. 16. CAR FLOOR SURFACE SHALL BE NON-SLIP. HARD SURFACE WHICH PERMITS
- WHEEL CHAIRS TO MOVE FASILY

- 17. STANDBY POWER SHALL BE PROVIDED FOR BUILDINGS OVER ONE STOREY AND TO AT LEAST ONE ELEVATOR CAPABLE OF PROVIDING OPERATION FOR TWO HOURS OR AS REQUIRED BY THE GOVERNING AGENCIES.
- 18. ELEVATORS SHALL COMPLY WITH APPLICABLE CODES, LAWS, AND ORDINANCES.
- 19. A VISUAL AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE INDICATING TO THE PROSPECTIVE PASSENGER THE CAR ANSWERING THE CALL AND ITS DIRECTION OF TRAVEL AS FOLLOWS:
- A. A MINIMUM OF 72 INCHES IN HEIGHT FROM THE LOBBY FLOOR.
- B. A MINIMUM OF 2 1/2 INCHES HIGH X 2 1/2 INCHES WIDE.
- C. VISIBLE FROM THE PROXIMITY OF THE HALL CALL BUTTON
- D. OF A CONFIGURATION WHICH DISTINGUISHES BETWEEN UP AND DOWN ELEVATOR TRAVEL. AUDIBLE SIGNALS SHALL SOUND "ONCE" FOR UP DIRECTION AND DOWN "TWICE FOR DOWN" DIRECTION OR HAVE VERBAL ANNUNCIATORS THAT SAY "UP" AND "DOWN"
- E. THE USE OF IN-CAR LANTERNS, LOCATED ON THE CAR DOOR JAMBS, VISIBLE FROM THE PROXIMITY OF THE HALL CALL BUTTONS AND CONFORMING TO THE ABOVE REQUIREMENTS WILL BE ACCEPTABLE.
- F. THE USE OF ARROW SHAPES ARE PREFERRED FOR VISIBLE SIGNALS.
- 20. PASSENGER ELEVATORS SHALL BE LOCATED NEAR A MAJOR PATH OF TRAVEL AND PROVISIONS SHALL BE MADE TO ASSURE THAT THEY REMAIN ACCESSIBLE AND USABLE AT ALL TIMES THE BUILDING IS OCCUPIED
- 21. EACH ELEVATOR CAR SHALL HAVE A HIGH RECESSED AREA OR MOVEABLE CEILING WHICH WILL MAKE POSSIBLE THE CARRYING OF A 9 FOOT HIGH LADDER.

23. OPERATION OF ELEVATORS UNDER FIRE OR OTHER EMERGENCY CONDITIONS SHALL

- 22. CAR DOORS SHALL OPEN AND CLOSE AUTOMATICALLY AND BE PROVIDED WITH DOOR PROTECTIVE AND REOPENING DEVICE AND SHALL BE ACTIVATED BY AN OBJECT AT + 5" TO 29" ABOVE FINISH FLOOR
- BE AS REQUIRED BY THE GOVERNING AGENCIES. 24. CAR SHALL BE AUTOMATIC, SELF-LEVELING WITH 1/2" MAXIMUM TOLERANCE.

#### J. SANITARY FACILITIES (GENERAL)

- 1. WHEN SANITARY FACILITIES ARE LOCATED ON ACCESSIBLE FLOORS OF A BUILDING, THEY SHALL BE MADE ACCESSIBLE TO THE PHYSICALLY DISABLED. 2. WHERE SEPARATE FACILITIES ARE PROVIDED FOR NON- DISABLED PERSONS OF
- EACH SEX ALSO. WHERE UNISEX FACILITIES ARE PROVIDED FOR NON-DISABLED PERSONS, SUCH UNISEX FACILITIES SHALL BE PROVIDED FOR THE DISABLED. 3. ALL DOORWAYS LEADING TO SANITARY FACILITIES SHALL HAVE 32 INCH CLEAR

EACH SEX, SEPARATE FACILITIES SHALL BE PROVIDED FOR DISABLED PERSONS OF

- UNOBSTRUCTED OPENINGS. 4. ON DOORWAYS LEADING TO MEN'S SANITARY FACILITIES, AN EQUILATERAL TRIANGLE 1/4 INCH THICK WITH EDGES 12 INCHES LONG AND A VERTEX POINTING UPWARD SHALL BE PROVIDED AND ON DOORWAYS LEADING TO WOMEN'S SANITARY FACILITIES A CIRCLE 1/4 INCH THICK AND 12 INCHES IN DIAMETER SHALL BE PROVIDED. THESE GEOMETRIC SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60 INCHES AND THEIR COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR. PROVIDE PICTOGRAM ON THE WALL ADJACENT TO THE DOOR LATCH SIDE AS NOTED IN THE
- 'SIGNS/PICTOGRAMS" DETAIL 5. ON DOORWAYS LEADING TO UNISEX SANITARY FACILITIES, AN EQUILATERAL TRIANGLE MOUNTED ON A 12" DIAMETER CIRCLE SHALL BE PROVIDED, EACH 1/4" THICK, LOCATED AS NOTED IN NOTE #4 ABOVE. PROVIDE UNISEX PICTOGRAM AS NOTED IN NOTE #4 ABOVE.

## K. SINGLE ACCOMMODATION TOILET FACILITIES (WHERE

- 1. THERE SHALL BE SUFFICIENT SPACE IN THE TOILET ROOM FOR A WHEELCHAIR MEASURING 30 INCHES WIDE BY 48 INCHES LONG TO ENTER THE ROOM AND PERMIT
- THE WATER CLOSET SHALL BE LOCATED IN A SPACE WHICH PROVIDES A MIN. OF 28 INCH WIDE CLEAR SPACE BETWEEN THE WATER CLOSET'S FURTHEST MOST PROTRUDING FDGE AND AN ADJACENT FIXTURE OR A 32 INCH WIDE CLEAR SPACE BETWEEN THE WATER CLOSET'S FURTHEST MOST PROTRUDING EDGE AND AN ADJACENT WALL AT ONE SIDE AND 48 INCHES OF CLEAR SPACE IN FRONT OF THE WATER CLOSET IF THE COMPARTMENT HAS AN END OPENING DOOR (FACING THE WATER CLOSET), A 60 INCH MINIMUM LENGTH CLEAR SPACE SHALL BE PROVIDED IN AN ACCESSIBLE COMPARTMENT WHEN THE DOOR IS LOCATED AT THE SIDE OF THE TOILET STALL COMPARTMENT. GRAB BARS SHALL NOT PROJECT MORE THAN 3
- TURNAROUND CLEAR SPACE OF 60" DIAMETER SHALL BE PROVIDED WITHIN THE TOILET ROOM.
- 4. PROVIDE IDENTIFICATION SYMBOLS ON DOOR AND WALL. SEE "SIGNS/PICTOGRAMS" DETAIL AND TYPICAL TENANT IMPROVEMENT DRAWINGS.

#### L. MULTIPLE ACCOMMODATION TOILET

SPECIFIED ABOVE

INCHES INTO THE CLEAR SPACES AS SPECIFIED ABOVE.

- FACILITIES (WHERE INDICATED) 1. A CLEAR SPACE MEASURED FROM THE FLOOR TO A HEIGHT OF 27 INCHES ABOVE THE FLOOR. WITHIN THE SANITARY FACILITY ROOM. OF SUFFICIENT SIZE TO INSCRIBE A CIRCLE WITH A DIAMETER NOT LESS THAN 60 INCHES, OR A CLEAR SPACE NOT LESS THAN 56 INCHES X 63 INCHES IN SIZE SHALL BE PROVIDED. DOORS OTHER THAN THE DOOR TO THE DISABLED TOILET COMPARTMENT IN ANY POSITION MAY ENCROACH
- INTO THIS SPACE BY NOT MORE THAN 12 INCHES. 2. A WATER CLOSET FIXTURE LOCATED IN AN ACCESSIBLE COMPARTMENT SHALL PROVIDE A MIN. OF 28 INCH WIDE CLEAR SPACE BETWEEN THE FURTHEST MOST PROTRUDING EDGE OF THE WATER CLOSET AND THE ADJACENT FIXTURE OR A 32 INCH WIDE CLEAR SPACE BETWEEN THE FURTHEST MOST PROTRUDING EDGE OF THE WATER CLOSET AND AN ADJACENT WALL AND A 48 INCH LONG CLEAR SPACE IN FRONT OF THE WATER CLOSET IF THE COMPARTMENT HAS AN EN OPENING DOOR (FACING THE WATER CLOSET). A 60 INCH MINIMUM LENGTH CLEAR SPACE IN FRONT OF THE TOILET CLOSET SHALL BE PROVIDED IN AN ACCESSIBLE COMPARTMENT WHEN THE DOOR IS LOCATED AT THE SIDE OF THE TOILET STALL COMPARTMENT. GRAB BARS SHALL NOT PROJECT MORE THAN 3 INCHES INTO THE CLEAR SPACES AS
- ACCESSIBLE WATER CLOSET COMPARTMENTS SHALL BE EQUIPPED WITH A DOOR THAT HAS AN AUTOMATIC CLOSING DEVICE, AND SHALL HAVE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WHEN LOCATED AT THE END AND 34 INCHES WHEN LOCATED AT THE SIDE WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- 4. EXCEPT FOR DOOR OPENING WIDTHS AND DOOR SWINGS, A CLEAR UNOBSTRUCTED ACCESS NOT LESS THAN 44 INCHES SHALL BE PROVIDED TO THE ACCESSIBLE WATER CLOSET COMPARTMENTS DESIGNED FOR USE BY THE DISABLED. THE SPACE IMMEDIATELY IN FRONT OF A WATER CLOSET COMPARTMENT SHALL BE NOT LESS THAN 48 INCHES AS MEASURED AT RIGHT ANGLES TO THE COMPARTMENT DOOR IN ITS CLOSED POSITION. ACCESS TO WATER CLOSET COMPARTMENTS SHALL BE 48." MINIMUM WHEN APPROACH IS NOT FROM LATCH SIDE OF COMPARTMENT DOOR.
- 5. TURNAROUND CLEAR SPACE OF 60" DIAMETER SHALL BE PROVIDED WITHIN THE TOILET ROOM.

## M. TOILET ROOM FIXTURES AND ACCESSORIES

CONTROLS SHALL BE NO GREATER THAN 5 POUNDS.

- 1. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17 INCHES AND A MAXIMUM OF 19 INCHES MEASURED TO THE TOP OF THE TOILET SEAT. 2. PROVIDE 18 INCHES FROM THE CENTERLINE OF THE WATER CLOSET TO THE
- ADJACENT WALL 3. TOILET FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS. NO MORE THAN 44 INCHES ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE
- 4. WHERE URINALS ARE PROVIDED, AT LEAST ONE SHALL HAVE A CLEAR SPACE 30 INCHES WIDE X 48 INCHES LONG IN FRONT OF THE URINAL
- OF 14 INCHES FROM THE WALL AND A MAXIMUM OF 17 INCHES ABOVE THE FLOOR SHALL BE PROVIDED. 6. URINAL FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST AND SHALL BE

WHERE URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTING A MINIMUM

MOUNTED NO MORE THAN 44 INCHES ABOVE THE FLOOR. THE FORCE REQUIRED TO

ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS PER FOOT. 7. A CLEAR FLOOR SPACE 30 INCHES WIDE X 48 INCHES LONG SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY.

- 8. LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30 INCHES IN WIDTH WITH 8 INCHES MINIMUM DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9 INCHES HIGH FROM THE FLOOR AND A MINIMUM OF 17 INCHES DEEP FROM THE FRONT OF THE LAVATORY.
- 9. A PROJECTION OF A LAVATORY BOWL INTO THE 8 INCH CLEAR SPACE, THEREBY REDUCING THE CLEAR HEIGHT BELOW THE LAVATORY TO NO LESS THAN 27 INCHES AT 8 INCHES BACK FROM THE APRON, MEETS THE REQUIREMENT FOR PROVIDING KNEE CLEARANCE. THE MAXIMUM HEIGHT OF 34 INCHES SHALL BE MAINTAINED TO THE TOP OF THE COUNTERTOP OR LAVATORY BOWL RIM IF THE LAVATORY IS A DROP-IN MODEL, WHICHEVER IS HIGHER.
- 10. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER
- 11. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING. PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER-OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED, IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
- 12. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM OF THE MIRROR'S REFLECTIVE SURFACE AT NOT MORE THAN 40" FROM THE FLOOR.
- 13. LOCATE TOWEL, SANITARY NAPKIN, AND WASTE RECEPTACLES WITH ALL OPERABLE PARTS NOT MORE THAN 40 INCHES FROM THE FLOOR.
- 14. LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 12 INCHES OF THE FRONT EDGE OF THE TOILET SEAT. CONTINUOUS ROLL DISPENSER IS REQUIRED. 15. GRAB BARS, TUB AND SHOWER SEATS, FASTENERS AND MOUNTING DEVICES SHALL

#### BE DESIGNED FOR 250 LB. PER LINEAR FOOT LOAD.

- 1. GRAB BARS SHALL BE LOCATED ON EACH SIDE, OR ONE SIDE AND THE BACK OF THE ACCESSIBLE TOILET STALL OR COMPARTMENT AND SHALL BE SECURELY ATTACHED 33 INCHES ABOVE AND PARALLEL TO THE FLOOR. SEE NOTE #8 BELOW FOR ADDITIONAL INFORMATION.
- 2. GRAB BARS AT THE SIDE SHALL BE AT LEAST 42 INCHES LONG WITH THE FRONT END POSITIONED 24 INCHES IN FRONT OF THE WATER CLOSET STOOL, AND GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36 INCHES LONG
- 3. THE OUTSIDE DIAMETER OR WIDTH OF THE GRIPPING SURFACES SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE OF A GRAB BAR SHALL BE 1 1/4 INCHES TO 1 1/2 INCHES OR THE
- 4. IF THE GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1 1/2 INCHES. 5. A GRAB BAR ON ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF
- ANY SHARP OR ABRASIVE ELEMENTS. 6. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
- 7. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH. 8. WHERE TANK TYPE WATER CLOSETS ARE USED, GRAB BARS MAY BE INSTALLED

### O. DRINKING FOUNTAINS (WHERE INDICATED)

AT +36" A.F.F.

RECOMMENDATIONS.

- 1. WHERE WATER FOUNTAINS ARE PROVIDED, THEY SHALL COMPLY WITH DISABLED ACCESS REQUIREMENTS. SEE TYPICAL ACCESSIBILITY DETAILS SHEET.
- 2. WATER FOUNTAINS SHALL BE LOCATED COMPLETELY WITHIN ALCOVES OR OTHERWISE POSITIONED SO AS NOT TO ENCROACH INTO PEDESTRIAN WAYS. THE ALCOVE IN WHICH THE WATER FOUNTAIN IS LOCATED SHALL BE OF NOT LESS THAN A MIN. OF 32" CLEAR FOR SINGLE DRINKING FOUNTAINS AND 63" MIN. CLEAR FOR DOUBLE DRINKING FOUNTAINS AND NOT TO EXCEED, BUT TO BE EQUAL TO, THE FOUNTAIN DEPTH. CONTRACTOR SHALL COORDINATE ALCOVE SIZE TO BE IN COMPLIANCE WITH CODE REQUIREMENTS AND MANUFACTURER'S
- 3. THE DRINKING FOUNTAIN SHALL BE A MINIMUM OF 18 INCHES IN DEPTH AND THERE SHALL BE CLEAR AND UNOBSTRUCTED KNEE SPACE UNDER THE DRINKING FOUNTAIN NOT LESS THAN 27 INCHES IN HEIGHT AND 8 INCHES IN DEPTH. THE DEPTH NOT APPLICABLE MEASUREMENT BEING TAKEN FROM THE FRONT EDGE OF THE FOUNTAIN. ADDITIONALLY. THERE SHALL BE TOE CLEARANCE OF 9 INCHES IN HEIGHT ABOVE THE FLOOR. AND 17 INCHES IN DEPTH FROM THE FRONT EDGE OF THE FOUNTAIN. A SIDE APPROACH DRINKING FOUNTAIN IS NOT ACCEPTABLE.

4. THE BUBBLER SHALL BE ACTIVATED BY A CONTROL WHICH IS EASILY OPERATED BY

A DISABLED PERSON SUCH AS A HAND- OPERATED LEVER TYPE CONTROL LOCATED

WITHIN 6 INCHES OF THE FRONT OF THE DRINKING FOUNTAIN, ETC. THE BUBBLER OUTLET ORIFICE SHALL BE LOCATED SUCH THAT THE FLOW OF WATER IS WITHIN 3 INCHES OF THE FRONT EDGE OF THE DRINKING FOUNTAIN AND SHALL BE NO MORE THAN 33" FROM THE FLOOR. THE WATER STREAM FROM THE BUBBLER SHALL BE SUBSTANTIALLY PARALLEL TO THE DRINKING FOUNTAIN. 5. THE SURFACE OF THE PATH OF TRAVEL AT THE WATER FOUNTAIN SHALL BE TEXTURED AND OF CONTRASTING COLOR TO THE ADJACENT WALKING SURFACE AND

WHEN FOUNTAIN IS AT INTERIOR LOCATION THE TEXTURED AREA SHALL BE OF

DIFFERENT RESILIENCY THAN THE ADJACENT WALKING SURFACE. THE TEXTURED

AREA SHALL EXTEND BEYOND THE FRONT AND BACK SIDE OF THE WATER FOUNTAIN

- P. TELEPHONES: (WHERE INDICATED)
- 1. IF PUBLIC TELEPHONES ARE PROVIDED THEY SHALL COMPLY WITH DISABLED ACCESS REQUIREMENTS. SEE TYPICAL ACCESSIBILITY DETAIL SHEET PROVIDE A 30 INCHES X 48 INCHES CLEAR SPACE AT TELEPHONE. THE CLEAR SPACE
- MAY INCLUDE KNEE SPACE UNDER THE TELEPHONE. 3. THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE WITHIN 48 INCHES OF THE FLOOR IF FORWARD APPROACHED AND 54 INCHES IF SIDE APPROACHED. 4. TELEPHONES MOUNTED DIAGONALLY IN A CORNER REQUIRING WHEELCHAIR USERS
- TO REACH DIAGONALLY SHALL HAVE THE HIGHEST OPERABLE PART NO HIGHER THAN 46 INCHES ABOVE THE FLOOR 5. ENTRANCES TO FULL-HEIGHT ENCLOSURES SHALL BE 30 INCHES WIDE, MINIMUM.

6. FRONTAL APPROACH TELEPHONES REQUIRE A 30 INCH CLEAR WIDTH ENCLOSURE IF

7. SIDE APPROACH TELEPHONES REQUIRE THAT THE ENCLOSURE OVERHANG BE NO

OVERHANG EXCEEDS 12 INCHES. IF THE CLEAR WIDTH OF THE ENCLOSURE IS LESS

- THAN 30 INCHES THE LOWEST OVERHANG PART IS TO BE A MAXIMUM OF 27 INCHES FROM THE FLOOR.
- MORE THAN 19 INCHES AND BE AT LEAST 27 INCHES FROM THE FLOOR. 8. THE CORD FROM THE TELEPHONE TO THE HANDSET SHALL BE AT LEAST 29 INCHES
- 9. TELEPHONES SHALL BE EQUIPPED WITH A RECEIVER THAT GENERATES A MAGNETIC FIELD IN THE AREA OF THE RECEIVER CAP. IF BANKS OF PUBLIC TELEPHONES ARE PROVIDED, THEN ALL ACCESSIBLE TELEPHONES, BUT ALWAYS AT LEAST ONE, IN A BUILDING OR FACILITY SHALL BE EQUIPPED WITH A VOLUME CONTROL AND SHALL BE IDENTIFIED BY A SIGN OF A TELEPHONE HANDSET WITH RADIATING SOUND WAVE.
- 10. TELEPHONES SHALL HAVE PUSH-BUTTON CONTROLS WHERE SERVICE FOR SUCH EQUIPMENT IS AVAILABLE. 11. SEE ADDITIONAL REQUIREMENTS FROM SECTIONS T, U, & W BELOW

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Issue For: **BUILDING 2ND SUBMITTAL** 

**Issue Date:** 04/20/2018

**REVISIONS** 

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**SACRAMENTO** 

roject Number 145-001-17

ACCESSIBILITY NOTES

#### Q. HAZARDS AND PROTRUDING OBJECTS

- . OBJECTS PROJECTING FROM WALLS (FOR EXAMPLE, TELEPHONES) WITH THEIR LEADING EDGES BETWEEN 27 INCHES AND 80 INCHES ABOVE THE FINISHED FLOOR SHALL PROJECT NO MORE THAN 4 INCHES INTO WALKS, HALLS, CORRIDORS,
- 2. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27 INCHES ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT
- . FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12 INCHES MAXIMUM FROM 27 INCHES TO 80 INCHES ABOVE THE GROUND OR FINISHED
- 4. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.
- . ANY OBSTRUCTION OVERHANGING A PEDESTRIAN WAY SHALL BE A MINIMUM OF 80 INCHES ABOVE THE WALKING SURFACE AS MEASURED TO THE BOTTOM OF THE
- 6. WALKS, HALLS, CORRIDORS, PASSAGEWAYS, AISLES OR OTHER CIRCULATION SPACES SHALL HAVE 80 INCHES MINIMUM CLEAR UNOBSTRUCTED HEAD ROOM (6'-8").
- ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4 INCHES IN A VERTICAL DIMENSION, SUCH AS AT PLANTERS, LOCATED IN OR ADJACENT TO WALKS, SIDEWALKS, OR OTHER PEDESTRIAN WAYS SHALL BE IDENTIFIED BY CURBS PROJECTING AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL DROP- OFF. WHEN A GUARDRAIL OR HANDRAIL IS PROVIDED, NO CURB IS REQUIRED IF A GUIDE RAIL IS PROVIDED CENTERED 3 INCHES PLUS OR MINUS ONE INCH ABOVE THE SURFACE OF THE WALK OR SIDEWALK AND, THE WALK IS 4.9 PERCENT OR LESS GRADIENT OR NO ADJACENT HAZARD EXISTS.
- 8. WALL SURFACES ADJACENT TO HANDRAILS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS. (I.E., NO STUCCO.)

#### R. CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS

- . THE MINIMUM CLEAR FLOOR OR GROUND SPACE REQUIRED TO ACCOMMODATE A SINGLE, STATIONARY WHEELCHAIR AND OCCUPANT IS 30 INCHES X 48 INCHES. THE MINIMUM CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH TO AN OBJECT, UNLESS NOTED OTHERWISE. CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE PART OF THE KNEE SPACE REQUIRED UNDER SOME OBJECTS.
- ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE FOR A WHEELCHAIR SHALL ADJOIN OR OVERLAP, AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER WHEELCHAIR CLEAR FLOOR SPACE. IF A CLEAR FLOOR SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR APART OF THREE SIDES.
- ADDITIONAL MANEUVERING CLEARANCES SHALL BE PROVIDED. PROVIDE AN ADDITIONAL 12 INCH WIDTH ON ONE SIDE FOR ALCOVES GREATER THAN 15 INCHES DEEP AND DESIGNED FOR FRONTAL APPROACH, EXCEPT AT DRINKING FOUNTAIN ALCOVES WHICH MAY BE A MAXIMUM OF 24" DEEP BEFORE REQUIRING
- PROVIDE AN ADDITIONAL 6 INCHES WIDTH ON ONE SIDE FOR ALCOVES GREATER THAN 24 INCHES DEEP AND DESIGNED FOR FRONTAL APPROACH.
- 5. IF THE CLEAR FLOOR SPACE ONLY ALLOWS FORWARD APPROACH TO AN OBJECT, THE MAXIMUM HIGH FORWARD REACH ALLOWED SHALL BE 48 INCHES AND THE LOW SIDE REACH SHALL BE NO LESS THAN 15 INCHES ABOVE THE FLOOR. IF THE HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE HORIZONTAL DIMENSION OF THE OBSTRUCTION SHALL BE LESS THAN 25 INCHES. THE MAXIMUM HIGH FORWARD REACH ALLOWED SHALL THEN BE 44 INCHES WHEN THE HORIZONTAL DIMENSION OF THE OBSTRUCTION IS BETWEEN 20 INCHES AND 25 INCHES.
- 6. IF THE CLEAR FLOOR SPACE ALLOWS PARALLEL APPROACH BY A PERSON IN A WHEELCHAIR, THE MAXIMUM HIGH SIDE REACH ALLOWED SHALL BE 54 INCHES AND THE LOW SIDE REACH SHALL BE NO LESS THAN 9 INCHES ABOVE THE FLOOR. SIDE REACH IS ALLOWED OVER AN OBSTRUCTION PROVIDED THE HORIZONTAL DIMENSION OF THE OBSTRUCTION DOES NOT EXCEED 24 INCHES AND MAXIMUM HIGH REACH OVER A 24 INCH OBSTRUCTION SHALL THEN BE 46 INCHES.

#### ADDITIONAL REQUIREMENTS

THE ADDITIONAL 12" CLEAR WIDTH.

- THE CENTER OF RECEPTACLE OUTLETS SHALL BE NOT LESS THAN 18 INCHES ABOVE THE FLOOR OR WORKING PLATFORM.
- 2. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES, OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE NOT LESS THAN 30" NOR MORE THAN 44" ABOVE THE FLOOR OR WORKING PLATFORM.
- THE CENTER OF FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED 44 INCHES ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.
- . THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY DISABLED PERSONS AS SET FORTH IN THE GOVERNING AGENCIES ACCESSIBILITY STANDARDS. THE SYMBOL SPECIFIED ABOVE SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD #595A. SEE "SIGNS / PICTOGRAPHS" DETAIL ON TYPICAL ACCESSIBILITY DETAIL SHEET.
- PUBLIC TELEPHONES: (A) IF PUBLIC PAY TELEPHONES, PUBLIC CLOSED CIRCUIT TELEPHONES, OR OTHER PUBLIC TELEPHONES ARE PROVIDED, THEN THEY SHALL COMPLY TO THE EXTENT REQUIRED BY THE FOLLOWING TABLE:

NUMBER OF EACH TYPE OF NUMBER OF TELEPHONES REQUIRED TO TELEPHONE PROVIDED ON EACH COMPLY (1)

1 OR MORE SINGLE UNIT 1 PER FLOOR

1 PER FLOOR 1 BANK (2) 2 OR MORE BANKS 1 PER BANK, ACCESSIBLE UNIT MAY BE

INSTALLED AS A SINGLE UNIT IN PROXIMITY (EITHER VISIBLE OR WITH SIGNAGE) TO THE BANK. AT LEAST ONE PUBLIC TELEPHONE PER FLOOR SHALL MEET THE REQUIREMENTS FOR A FORWARD REACH TELEPHONE. (3)

- (1) ADDITIONAL PUBLIC TELEPHONES MAY BE INSTALLED AT ANY HEIGHT. UNLESS OTHERWISE SPECIFIED, ACCESSIBLE TELEPHONES MAY BE EITHER FORWARD OR SIDE REACH TELEPHONES
- (2) A BANK CONSISTS OF TWO OR MORE ADJACENT PUBLIC TELEPHONES, OFTEN INSTALLED AS A UNIT.
- (3) EXCEPTION: FOR EXTERIOR INSTALLATION ONLY, IF DIAL TONE FIRST SERVICE IS AVAILABLE, THEN A SIDE REACH TELEPHONE MAY BE INSTALLED INSTEAD OF THE REQUIRED FORWARD REACH TELEPHONE (I.E. ONE TELEPHONE IN PROXIMITY OF EACH BANK SHALL COMPLY.)
- (B) THE FOLLOWING SHALL BE PROVIDED:
- IF A TOTAL NUMBER OF FOUR OR MORE PUBLIC PAY TELEPHONES (INCLUDING BOTH INTERIOR AND EXTERIOR PHONES) IS PROVIDED AT A SITE, AND AT LEAST ONE IS IN AN INTERIOR LOCATION, THEN AT LEAST ONE INTERIOR PUBLIC TEXT TELEPHONE SHALL BE PROVIDED.
- (C) TEXT TELEPHONES SHALL BE IDENTIFIED BY THE INTERNATIONAL TDD SYMBOL. IN ADDITION, IF A FACILITY HAS A PUBLIC TEXT TELEPHONE, DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF THE NEAREST TELEPHONE SHALL BE PLACED ADJACENT TO ALL BANKS OF TELEPHONES WHICH DO NOT CONTAIN A TEXT TELEPHONE. SUCH DIRECTIONAL SIGNAGE SHALL INCLUDE THE INTERNATIONAL TDD SYMBOL. IF A FACILITY HAS NO BANKS OR TELEPHONES, THE DIRECTIONAL SIGNAGE SHALL BE PROVIDED AT THE ENTRANCE (E.G. IN A BUILDING DIRECTORY)
- A. TEXT TELEPHONES USED WITH A PAY TELEPHONE SHALL BE PERMANENTLY AFFIXED WITHIN OR ADJACENT TO THE TELEPHONE ENCLOSURE. IF AN ACOUSTIC COUPLER IS USED, THE TELEPHONE CORD SHALL BE SUFFICIENTLY LONG ENOUGH TO ALLOW CONNECTION OF THE TEXT TELEPHONE AND THE TELEPHONE RECEIVER.
- B. PAY TELEPHONES DESIGNED TO ACCOMMODATE A PORTABLE TEXT TELEPHONE SHALL BE EQUIPPED WITH A SHELF AND AN ELECTRICAL OUTLET WITHIN OR ADJACENT TO THE TELEPHONE ENCLOSURE. THE TELEPHONE HANDSET SHALL BE CAPABLE OF BEING PLACED FLUSH ON THE SURFACE OF THE SHELF. THE SHELF SHALL BE CAPABLE OF ACCOMMODATING A TEXT TELEPHONE AND SHALL HAVE 6 INCHES (152 MM) MINIMUM VERTICAL CLEARANCE IN THE AREA WHERE THE TEXT TELEPHÒNE IS TO BE PLACED.

- 6. CONTRACTORS SHALL COORDINATE WITH FIRE DEPT. FOR ANY REQUIREMENTS FOR AUDIBLE AND VISUAL ALARMS THAT MAY NEED TO BE ACTIVATED BY THE FIRE PROTECTION SYSTEM, OR OTHER MEANS OF EMERGENCY NOTIFICATION FOR THE OCCUPANTS OF A BUILDING OR SPACE, AND SHALL INSTALL VISUAL ALARMS WHEN AUDIBLE ALARMS ARE REQUIRED TO BE INSTALLED. ALL ALARM SYSTEMS SHALL COMPLY WITH A.D.A. REQUIREMENTS IN ADDITION TO STATE AND LOCAL
- CONTRACTOR SHALL INSTALL SELF-ILLUMINATING LOW LEVEL EXIT PATH MARKING IN EXIT CORRIDORS AND LOW-LEVEL EXIT SIGNS ON EXIT DOORS PER GOVERNING AGENCIES' REQUIREMENTS. LOW-LEVEL EXIT PATH MARKINGS SHALL BE PERCEPTIBLE TO THE SENSE OF TOUCH.

#### T. ALARMS

- GENERAL. ALARM SYSTEMS REQUIRED TO COMPLY WITH THIS SECTION. AT A MINIMUM VISUAL SIGNAL APPLIANCES SHALL BE PROVIDED IN BUILDINGS AND FACILITIES TO EACH OF THE FOLLOWING AREAS: RESTROOMS AND ANY OTHER, GENERAL USAGE AREAS (E.G. MEETING), HALLWAYS, LOBBIES, AND ANY OTHER AREA FOR COMMON USE.
- 2. IF PROVIDED, AUDIBLE EMERGENCY ALARMS AUDIBLE ALARMS. SHALL PRODUCE A SOUND THAT EXCEEDS THE PREVAILING EQUIVALENT SOUND LEVEL IN THE ROOM OR SPACE BY AT LEAST OR EXCEEDS ANY MAXIMUM SOUND LEVEL WITH A DBA 15 WHICHEVER IS LOUDER. DBA DURATION OF 60 SECONDS BY 5 SOUND LEVELS FOR ALARM SIGNALS SHALL NOT EXCEED 120 DBA.
- VISUAL ALARM SIGNAL APPLIANCES SHALL BE VISUAL ALARMS. INTEGRATED INTO THE BUILDING OR FACILITY ALARM SYSTEM. SINGLE STATION AUDIBLE ALARMS ARE PROVIDED THEN SINGLE STATION VISUAL ALARM SIGNALS SHALL BE PROVIDED. VISUAL ALARM PHOTOMETRIC AND LOCATION FEATURES:
- A. THE LAMP SHALL BE A XERION STROBE TYPE OR EQUIVALENT.
- B. THE COLOR SHALL BE CLEAR OR NOMINAL WHITE (I.E., UNFILTERED OR CLEAR FILTERED WHITE LIGHT).
- C. THE MAXIMUM PULSE DURATION SHALL BE TWO-TENTHS OF ONE SECOND (0.2 SEC) WITH A MAXIMUM DUTY CYCLE OF 40 PERCENT. THE PULSE DURATION IS DEFINED AS THE TIME INTERVAL BETWEEN INITIAL AND FINAL POINTS OF 10 PERCENT OF MAXIMUM SIGNAL.
- D. THE INTENSITY SHALL BE A MINIMUM OF 75 CANDELA.
- E. AND A HAS THE FLASH RATE SHALL BE A MINIMUM OF 1 HZ MAXIMUM OF 3
- F. THE APPLIANCE SHALL BE PLACED 80 TN (2030 MN) ABOVE THE HIGHEST FLOOR LEVEL WITHIN THE SPACE OR 6 TN (152 MM) BELOW THE CEILING, WHICHEVER IS
- G. IN GENERAL, NO PLACE IN ANY ROOM OR SPACE REQUIRED TO HAVE A VISUAL SIGNAL APPLIANCE SHALL BE MORE THAN 50 FT (15M) FROM THE SIGNAL (IN THE HORIZONTAL PLANE). IN LARGE ROOMS AND SPACES EXCEEDING 100 FT (30M) ACROSS, WITHOUT OBSTRUCTIONS 6 FT (2M) ABOVE THE FINISH FLOOR, SUCH AS AUDITORIUMS, DEVICES MAY BE PLACED AROUND THE PERIMETER, SPACED A MAXIMUM 100 FT (30M) APART IN LIEU OF SUSPENDING APPLIANCES FROM THE CEILING. H. NO PLACE IN COMMON CORRIDORS OR HALLWAYS IN WHICH VISUAL ALARM SIGNALING APPLIANCES ARE REQUIRED SHALL BE MORE THAN 50 FT (15M) FROM THE SIGNAL.

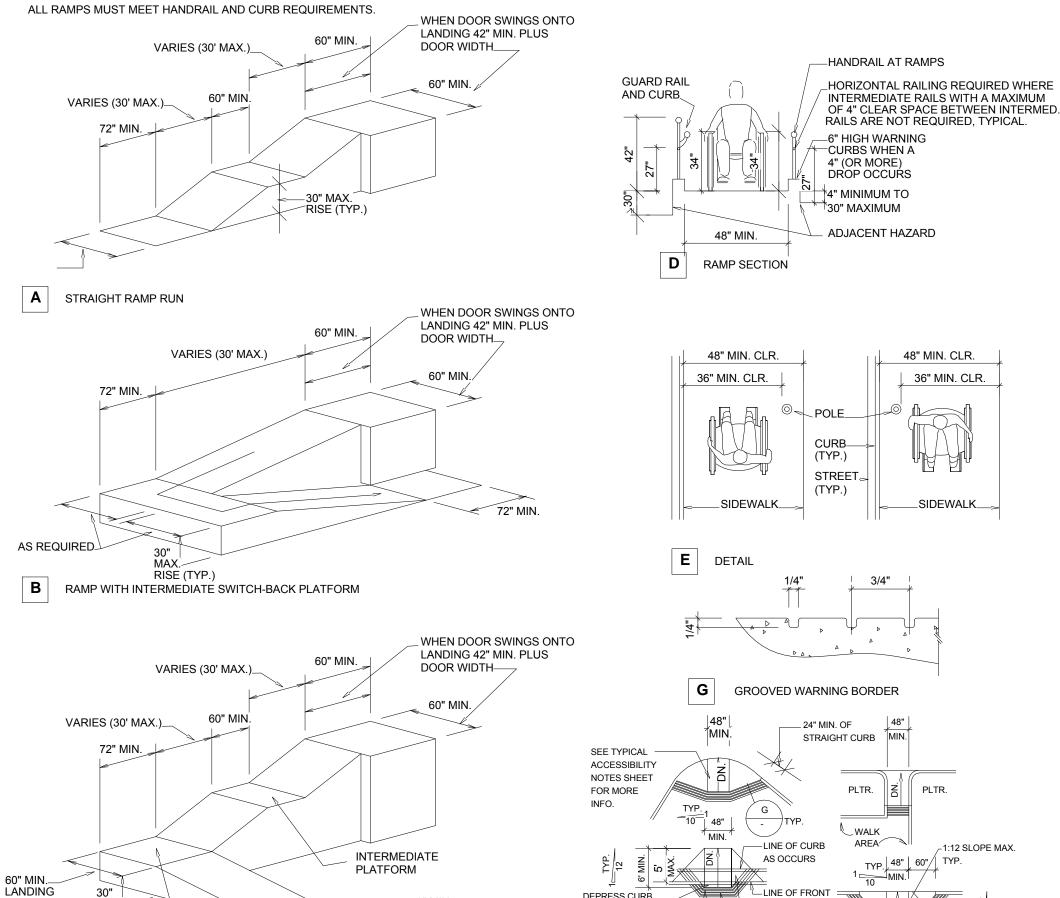
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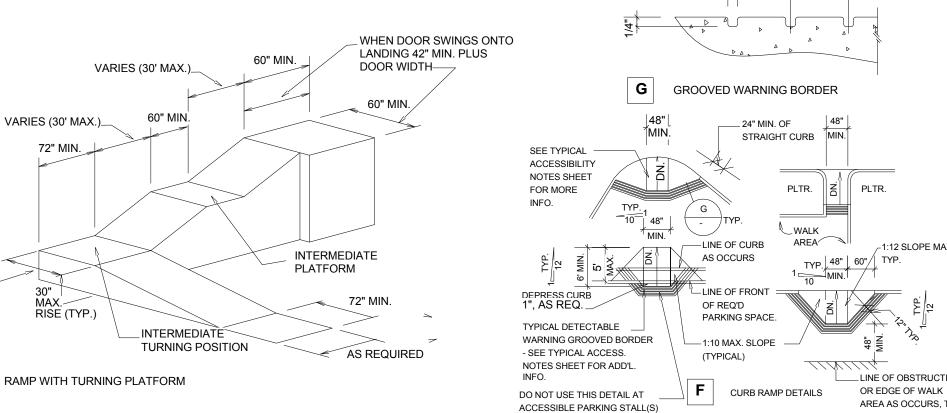
DOOR HANDLE

G.C. TO VERIFY ALL APPLICABLE ACCESSIBILITY NOTES WITH THE LOCAL JURISDICTION AND CODES. ALL ITEMS LISTED MAY NOT APPLY TO THIS PROJECT

PUSH/PULLS

**PANIC BARS** 

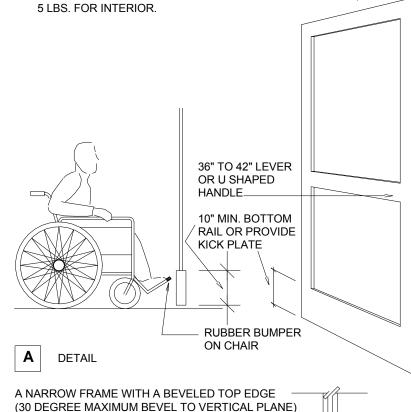




RAMP DETAILS ADA

#### DOOR TYPE:

- 1. MINIMUM 10" HIGH SMOOTH SURFACE AT DOOR BOTTOM, EITHER ATTACHED PANEL OR BOTTOM RAIL
- 2. OPENABLE FROM INSIDE WITHOUT USE OF KEY OR SPECIAL KNOWLEDGE OR EFFORT
- 3. OPENABLE BY SINGLE EFFORT LEVER-TYPE DEVICE (NOT REQUIRING GRASPING).
- 4. MOUNTED 36" TO 42".
- 5. MAXIMUM 8.5 LBS. EFFORT TO OPERATE EXTERIOR DOOR,



INSTALLED AT THE BOTTOM OF A GLASS DOOR (WITH NO SIDE FRAMES) MAY BE USED IN LIEU OF PROVIDING THE REQUIRED 10-INCH UNINTERRUPTED SURFACE AT THE BOTTOM OF THE DOOR... **B** DETAIL

#### DOORS

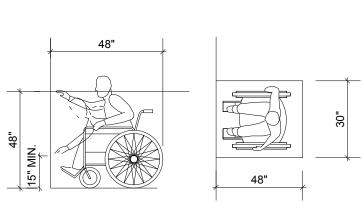
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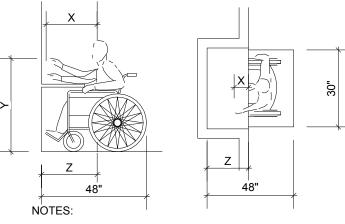
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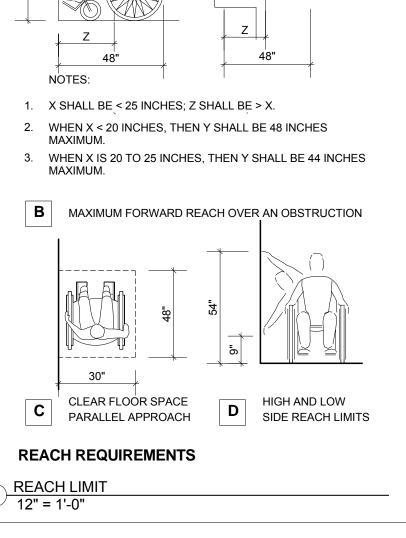


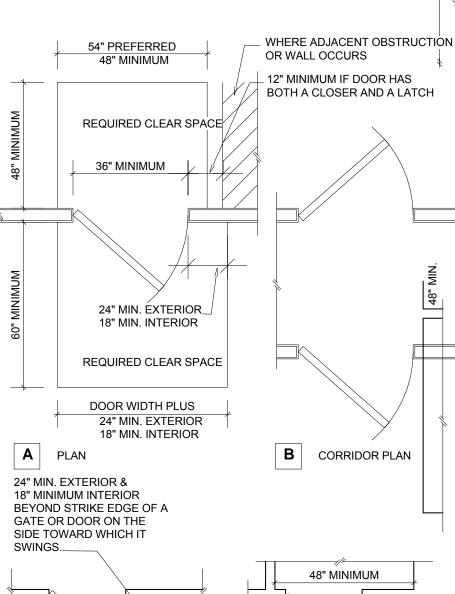
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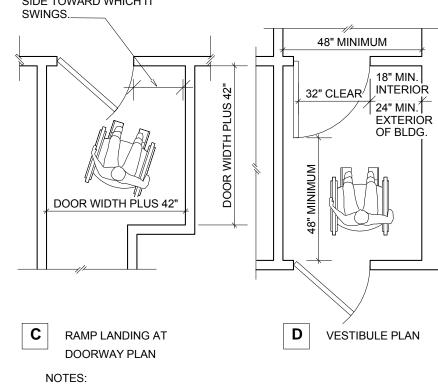
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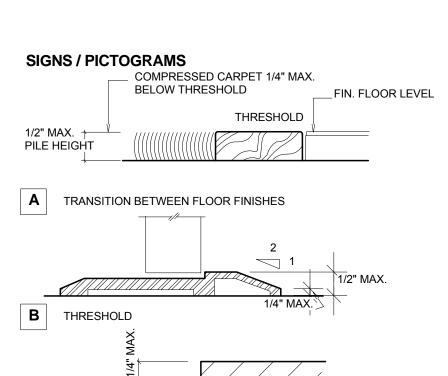


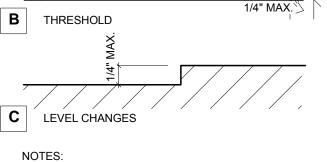


- 1. CLEAR SPACES MUST BE LEVEL TO PREVENT WHEELCHAIRS FROM ROLLING WHEN THE OCCUPANT RELEASES THE WHEEL GRIPS TO REACH FOR THE DOOR. 1/4" PER FOOT IS ALLOWED FOR DRAINAGE
- WHERE DOORS OPEN ONTO, BUT NOT INTO A CORRIDOR, THE REQUIRED LEVEL AREA BEYOND THE DOORS MAY BE A MINIMUM OF 48". FOR ADDITIONAL INFORMATION, SEE APPLICABLE NOTES ON TYPICAL ACCESSIBILITY NOTES SHEET.

## DOOR CLEAR SPACE

**DOOR CLEARANCE** 12" = 1'-0"





- 1. 1/2" MAXIMUM TOTAL HEIGHT WITH 1/4" MAXIMUM VERTICAL CHANGE AT EDGE.
- 2. 1:2 SLOPED BEVEL REQUIRED IF LEVEL CHANGE IS OVER
- 1/4" VERTICAL LEVEL CHANGE. 3. 1/4" MAXIMUM VERTICAL LEVEL CHANGE.

THRESHOLDS / LEVEL CHANGES

12" = 1'-0"



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PRINCIPAL IN CHARGE PROJECT MANAGER: Checker DRAWN BY: Author **Project Address: GEN BBQ SACRAMENTO** 

1689, Ardenway Suite 1148 Sacramento CA 95815

Project Number: 145-001-17

Sheet Title: **ACCESSIBILITY NOTES** 

## REFER TO SHEET A102 FOR ENLARGE RESTROOM PLAN

#### I FTTERS AND NUMBERS:

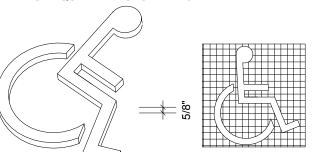
- 1. WIDTH TO HEIGHT RATIO BETWEEN 3 : 5 AND 1 : 1.
- 2. STROKE WIDTH TO HEIGHT BETWEEN 1 : 5 AND 1 : 10.
- 3. CONTRAST CHARACTERS AND SYMBOLS WITH BACKGROUND.
- 4. SANS SERIF CHARACTERS.

#### SIGNS / PICTOGRAMS

- 5. PICTOGRAMS / PICTORIAL SYMBOL SIGNS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION SHALL BE 6" MINIMUM HEIGHT.
- 6. CHARACTERS AND BACKGROUNDS SHALL BE OF NON-GLARE CONTRASTING COLORS.
- 7. SIGNS / PICTOGRAMS SHALL BE INSTALLED ON THE WALL ADJACENT TO DOOR LEADING TO THE ROOM OR SPACE THEY DESCRIBE AND AT 60" A.F.F. TO SIGN CENTERLINE AND WHERE A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE DOOR SWING AREA.
- 8. VERTICAL CLEARANCE AT SUSPENDED SIGNS WITH MINIMUM HEADROOM OF 80" REQUIRE MINIMUM 3" CHARACTER HEIGHT MEASURED BY USING UPPERCASE "X". CHARACTERS AND NUMBERS SHALL BE SIZED ACCORDING TO VIEWING DISTANCE FROM WHICH READ. LOWER CASE CHARACTERS PERMITTED.

#### SIGN LOCATIONS:

- 9. ALL ACCESSIBLE ENTRANCES IDENTIFIED WITH MINIMUM OF ONE STANDARD SIGN.
- 10. ADDITIONAL DIRECTIONAL SIGNS ALONG ACCESSIBLE PATH OF TRAVEL
- 11. BUILDINGS REMODELED TO PROVIDE ACCESSIBLE SANITARY FACILITIES FOR PUBLIC USE SHALL HAVE INFORMATION POSTED IN THE LOBBY AS PART OF THE BUILDING DIRECTORY.
- INTERNATIONAL SYMBOL OF ACCESSIBILITY:
- 12. STANDARD USED TO IDENTIFY ACCESSIBLE FACILITIES.
- 13. WHITE FIGURE ON BLUE BACKGROUND, COLOR # 15090 ON FEDERAL STANDARD # 595A.
- 14. WHEN ENFORCING AGENCY DETERMINES, IF APPROPRIATE, SPECIAL DESIGNS AND COLORS MAY BE APPROVED.
- 15. USE CONTRASTED GRADE 2 BRAILLE. DOTS TO BE 0.1 INCH ON CENTER IN EACH CELL.
- 16. 0.2 INCH SPACE BETWEEN CELLS.
- 17. DOTS RAISED MINIMUM 0.025 INCH ABOVE BACKGROUND.
- 18. WHEN SIGNS ARE USED TO IDENTIFY PERMANENT ROOMS AND SPACES OF BUILDINGS, BRAILLE MUST BE INCLUDED AS PART OF THAT SIGNAGE AS REQUIRED BY CBC 1117B.5.1.





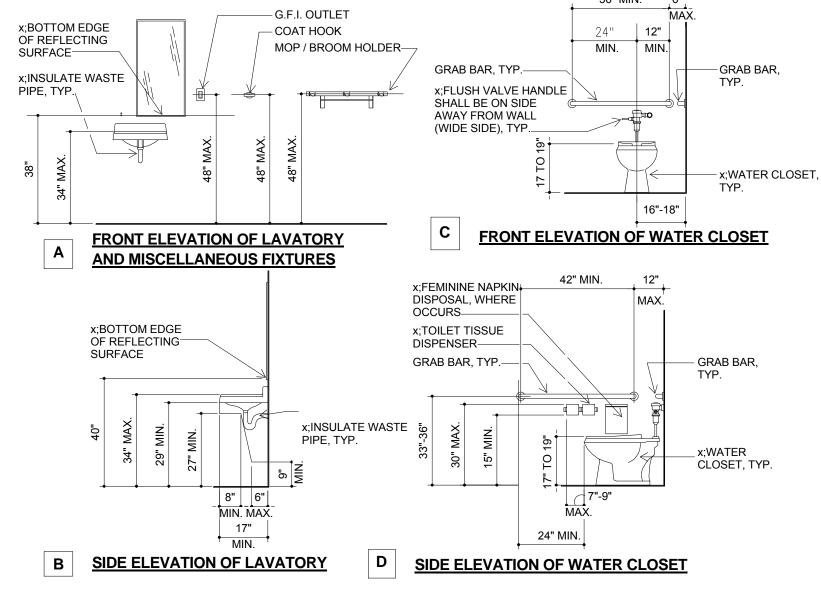


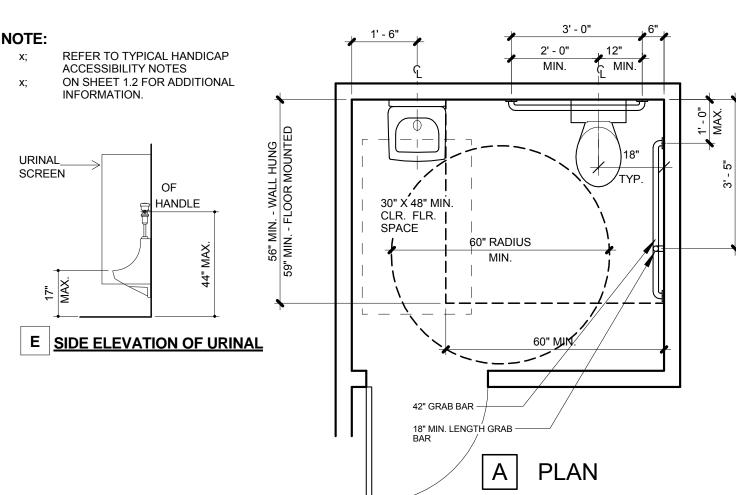


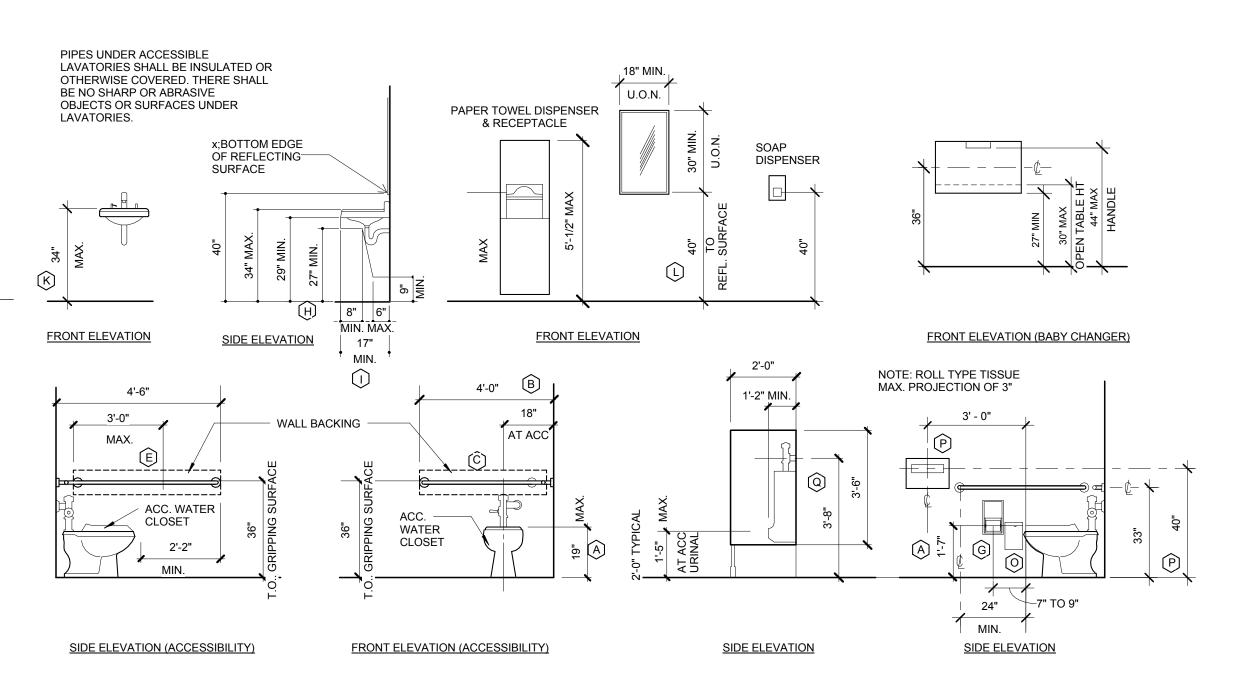


## **ADA SIGNAGE**

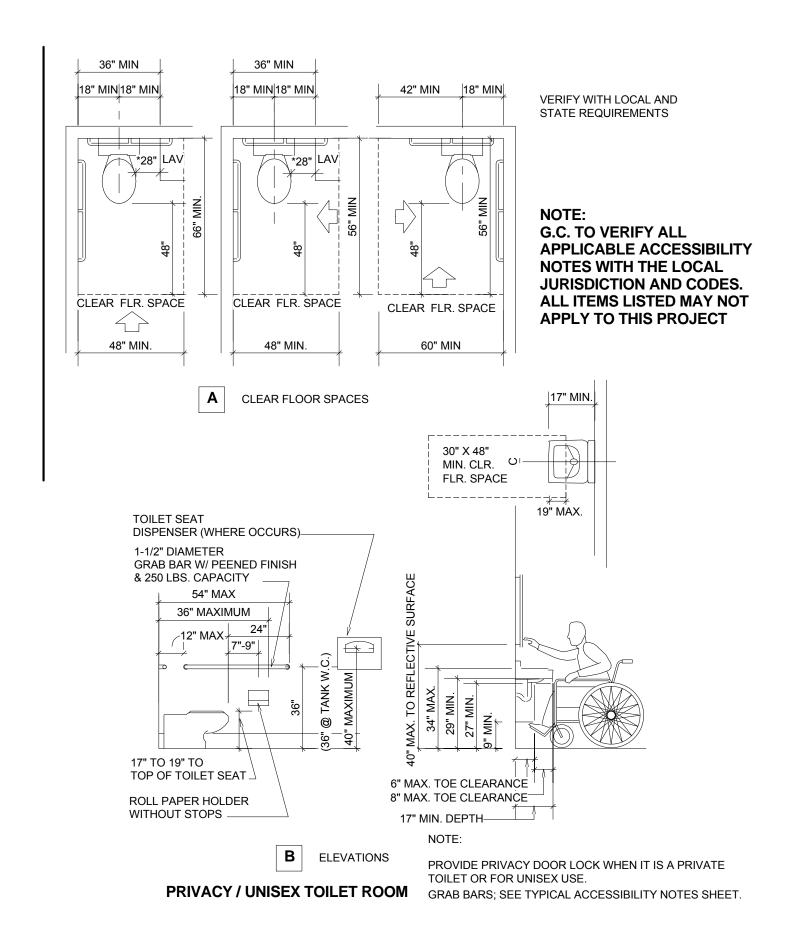
### TOILET ROOM FIXTURES & ACCESSORY CLEARANCES







## **RESTROOM ADA DETAILS**



## **RESTROOM ADA DETAIL 2**

# RESTROOM ACCESSORY SCHEDULE

| MARK         | DESCRIPTION   | PROVIDED BY | INSTALLED |
|--------------|---|-------------|-----------|
| (A)          | <b>EXISTING WALL MOUNTED MIRROR -</b> BOBRICK B-165-2436 24"X36" CHANNEL-FRAME MIRROR   | E/R         | E/R       |
| (B)          | EXISTING SOAP DISPENSER - BOBRICK B4112 IN SATIN FINISH STAINLESS STEEL.  | E/R         | E/R       |
| ⟨C⟩          | <b>EXISTING GRAB BAR -</b> 1 1/2" DIA., 36" AND 42" LONG GRAB BARS, BOBRICK MODEL B-6806 W/ NON-SLIP GRIPPING SURFACE   | E/R         | E/R       |
| (D)          | <b>EXISTING TOILET TISSUE DISPENSER -</b> BOBRICK B2840 IN STAINLESS STEEL WITH SATIN FINISH  | E/R         | E/R       |
| Œ            | WATER CLOSET - AMERICAN STANDARD MODEL #3451.712 FLOOR<br>MOUNTED, MEDEREA FLOWISER 1.28 GPF FLUSHOMETER TOILET SYSTEM<br>WITH EVER CLEAN SELECTRONIC FLUSH VALVE, COMPLETE WITH HEAVY<br>DUTY WHITE OPEN FRONT | GC          | GC        |
| ⟨F⟩          | EXISTING FAUCET - COMMERCIAL ADA COMPLIANT - TOTO MODEL TL220DD1H OR EQUAL  | E/R         | E/R       |
| <b>(G)</b>   | EXISTING LAVATORY - COMMERCIAL WALL HUNG ADA ACCESSIBLE -<br>AMERICAN STANDARD MODEL 0475.047 OR EQUAL  | E/R         | E/R       |
| ⟨H⟩          | EXISTING RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE – BOBRICK B36903 SATIN FINISH STAINLESS STEEL ADA COMPLIANT  | E/R         | E/R       |
| ⟨J⟩          | <b>EXISTING SANITARY NAPKIN DISPOSAL</b> - SANITARY NAPKIN DISPOSAL - BOBRICK B-5270 IN STAINLESS STEEL SATIN FINISH  | E/R         | E/R       |
| ⟨ <b>K</b> ⟩ | EXISTING SURFACE MOUNTED SEAT COVER DISPENSER - BOBRICK #B-4221 IN STAINLESS STEEL W/ SATIN FINISH  | E/R         | E/R       |
| (L)          | URINAL - COMMERCIAL WALL HUNG ADA ACCESSIBLE - SLOAN MODEL<br>SU-1009 OR EQUAL  | E/R         | E/R       |



#### Architect:

#### Geoffrey B. Lim Aia, NCARB, Leed Ap

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#### Project Owner:



#### Stamp



#### Issue For:

BUILDING 2ND SUBMITTAL
Issue Date:

### 04/20/2018

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# PRINCIPAL IN CHARGE: Approver PROJECT MANAGER: Checker DRAWN BY: Author Project Address: GEN BBQ SACRAMENTO

## CA 95815 Project Number:

Suite 1148 Sacramento

1689, Ardenway

145-001-17 Sheet Title:

ACCESSIBILITY NOTES

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#### **CONTRACTOR GENERAL NOTES**

- THE TERM A "OWNER" OR "TENANT" SHALL REFER TO AND HIS/HER AGENTS OR REPRESENTATIVES. THE TERM "GENERAL CONTRACTOR" AND "GC" SHALL REFER TO THE PERSON AND/OR PERSONS WHO HAVE CONTRACTED OR SUBCONTRACTED FOR THE WORK THE TERM "WORK" AS USED IN THESE NOTES SHALL INCLUDE ALL REVISIONS AS DRAWN OR SPECIFIED IN THESE DOCUMENTS AS WELL AS ALL OTHER PROVISIONS SPECIFICALLY INCLUDED
- BY THE OWNER IN THE FORM OF DRAWINGS, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS. 3 GC SHALL VISIT JOB SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS BEFORE SUBMITTING BID. ANY DISCREPANCIES WITHIN THESE DRAWINGS AND/OR BETWEEN THESE DRAWINGS AND EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BY THE GC PRIOR TO THE START OF ANY WORK. GC SHALL FIELD VERIFY ALI DIMENSIONS PRIOR TO CONSTRUCTION. IF THE CONTRACT DRAWINGS APPEAR TO BE UNCLEAR, AMBIGUOUS, OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH THAT PART OF THE WORK. IN CASE OF
- DISCREPANCIES OR CONFLICTS, NOTIFY ARCHITECT BEFORE PROCEEDING WITH ANY WORK. 4 GENERAL CONTRACTOR SHALL BECOME FAMILIAR WITH THE OWNERS REQUIREMENTS PRIOR TO BIDDING AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THESE REQUIREMENTS. ALL WORK SHALL BE PERFORMED AS TO COMPLY WITH ALL GOVERNING STATUTES, ORDINANCES, GOVERNMENTAL AND JURISDICTIONAL PERMITS AND APPROVALS AS OBTAINED. CONTRACTORS SHALL NOT SUBMIT A BID FOR THIS WORK UNLESS THEY ARE FULLY QUALIFIED AND LICENSED BY THE STATE IN WHICH THE WORK IS TO BE PERFORMED. ALL WORK SHALL BE PERFORMED IN A PROFESSIONAL MANNER AND SHALL BE IN GOOD AND USABLE CONDITION AT THE DATE OF COMPLETION THEREOF.
- 5 GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING BUILDING PERMIT APPROVED PLANS AS APPROVED FOR ALL PERMIT REVISIONS AND OTHER CHANGES. NO WORK SHALL BEGIN PRIOR TO RECEIPT OF BUILDING PERMIT AND REVIEW OF PERMIT PLANS BY GENERAL CONTRACTOR
- 6 THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY OF PERSONS, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION. COMPLIANCE WITH STATE AND FEDERAL REGULATION REGARDING SAFETY AND COMPLIANCE WITH REQUIREMENTS SPECIFIED IN THE OWNER/CONTRACTOR CONTRACT IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY. INSURANCE: WORKMEN'S COMPENSATION, AS REQUIRED BY LAW, AND PUBLIC LIABILITY SHALL BE CARRIED BY THE CONTRACTOR.
- SCOPE OF WORK. THE CONTRACTOR SHALL INCLUDE AND PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION AND PAY ALL EXPENSES INCURRED IN THE PROPER COMPLETION OF WORK UNLESS SPECIFICALLY NOTED TO BE THE WORK OF OTHERS. CONTRACTOR SHALL PERFORM ALL WORK NECESSARY FOR PRODUCTION OF A COMPLETE, HABITABLE PROJECT. INCLUDING BUT NOT LIMITED TO SITE WORK, ARCHITECTURAL, ELECTRICAL, PLUMBING, HVAC AND SIGNAGE COORDINATION.
- GC SHALL COORDINATE ALL WORK TO BE PERFORMED. GC IS TO COORDINATE WORKING HOURS DELIVERIES, TRASH REMOVAL, STORAGE, ETC. WITH OWNER. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS. METHODS, TECHNIQUES, AND SAFETY PROCEDURES AND FOR COORDINATING ALL PORTIONS OF
- 9 THE ARCHITECT SHALL BE AVAILABLE TO VISIT THE SITE WHEN REQUESTED. IF A CONDITION EXISTS THAT REQUIRES OBSERVATION OR ACTION BY THE ARCHITECT OR ENGINEERS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT.
- 10 DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS. ALL DIMENSIONS ARE TO FACE OF STUD, UNLESS OTHERWISE NOTED.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR INSTALL OR PERMIT TO BE INSTALLED ANY MATERIALS CONTAINING ASBESTOS WITHIN THE BUILDING OR ON THE PREMISES.
- 12 GENERAL CONTRACTOR SHALL PROVIDE AND PAY FOR TRASH DUMPSTER SERVICE AND/OR REFUSE REMOVAL FOR ALL SUB-CONTRACTORS WHICH INCLUDE MILLWORK, AND FOOD SERVICE CONTACT TENANT COORDINATOR, LANDLORD OR MUNICIPALITY FOR COORDINATION OF
- APPROVED LOCATION(S) PER LOCAL REGULATIONS 13 THE ABBREVIATION OF "NIC" INDICATES WORK AND OR MATERIALS THAT IS NOT IN THE CONTRACT OF THE GENERAL CONTRACTOR, HOWEVER THIS DOES NOT RELIEVE THE GC OF THE RESPONSIBILITY OF COORDINATION.
- 14 ALL CONCEALED WOOD BLOCKING IN WALLS AND CEILING SHALL BE TREATED AND FLAME
- 15 ALL WALL AND CEILING CONSTRUCTION SHALL BE SUPPORTED BY STRUCTURE AND NOT BY ROOF DECK IF APPLICABLE.
- 16 IN ADDITION TO THE GENERAL NOTES LISTED HEREIN. AIA DOCUMENT A201 GENERAL CONDITION OF THE CONTRACT FOR CONSTRUCTION SHALL APPLY. PERMIT FEES SHALL BE SECURED BY OWNER CONTRACTOR SHALL SECURE PERMITS AND FEES INCURRED IN THE COMPLETION OF THE PROJECT. INCLUDING BUT NOT LIMITED TO SUBCONTRACTOR PERMITS, WATER, ELECTRIC AND TELEPHONE SERVICE CONNECTION, CERTIFICATE OF OCCUPANCY SURVEYS AND INSPECTIONS.
- 18 PRIOR TO BEGINNING WORK THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES AND PROTECTING THEM FROM DAMAGE DURING CONSTRUCTION. SHOULD DAMAGE OCCUR THE CONTRACTOR SHALL MAKE REPAIRS AT NO COST TO THE OWNER. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE OWNER AND WITH THE SUBCONTRACTOR FOR MECHANICAL PLUMBING AND ELECTRICAL TRADE, DRAWINGS WILL BE SUBMITTED FOR REVIEW AS NEEDED BY MUNICIPALITY. THE SUBCONTRACTOR WILL SUBMIT REQUIRED DRAWINGS FOR APPROVAL TO THE APPROPRIATE AGENCIES MEETING ALL CODES OF THE CITY AND STATE. REPRODUCIBLE APPROVED DRAWINGS MUST BE SENT TO THE OWNER AND ARCHITECT.
- ITEMS NOT INDICATED IN THESE CONSTRUCTION DOCUMENTS THAT CAN BE LEGITIMATELY AND REASONABLY INFERRED TO COMPLETE THE WORK AT HAND SHALL BE FURNISHED BY THE CONTRACTOR AS THOUGH IT WERE DETAILED HEREIN.
- 20 THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY AND COPYRIGHT OF THE ARCHITECT OF RECORD AND SHALL NOT BE REPRODUCED OR USED FOR ANY OTHER PURPOSE EXCEPT BY WRITTEN AGREEMENT.
- 21 THE CONTRACTOR WARRANTS TO THE OWNER AND BUILDING MANAGEMENT THAT ALL MATERIALS AND FOUIPMENT FURNISHED UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED. AND THAT ALL WORK WILL BE GOOD QUALITY. FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS. ALL WORK NOT SO CONFORMING TO THESE STANDARDS MAY BE CONSIDERED DEFECTIVE. IT IS UNDERSTOOD THAT NO INFERIOR OR NON-CONFORMING WORK OF THE MATERIALS WILL BE ACCEPTED WHETHER DISCOVERED AT THE TIME THEY ARE INCORPORATED IN THE WORK OR AT ANY TIME BEFORE OR AFTER THE FINAL ACCEPTANCE. IF REQUIRED BY THE OWNER, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND INSTALLATION OF MATERIALS.
- 22 THE WARRANTIES AND GUARANTEES PROVIDED IN THE CONSTRUCTION DOCUMENTS SHALL BE IN ADDITION TO AND NOT IN LIMITATION OF ANY OTHER WARRANTY AND GUARANTY OR REMEDY REQUIRED BY LAW OR THE CONSTRUCTION DOCUMENTS.
- 23 GUARANTEE: THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS, AND WORKMANSHIP FURNISHED OR INSTALLED BY HIM/HER OR THEIR SUBCONTRACTORS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE AND SHALL REPLACE ANY DEFECTIVE WORK WITHIN THAT PERIOD WITHOUT EXPENSE TO THE OWNER AND PAY FOR ALL DAMAGES TO OTHER PARTS OF THE BUILDING RESULTING FROM DEFECTIVE WORK OR ITS REPAIR. THE CONTRACTOR SHALL REPLACE DEFECTIVE WORK WITHIN TEN (10) DAYS AFTER IT IS BROUGHT TO HIS/HER ATTENTION.
- 24 PROTECTION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS/HER WORK AND THAT OF THEIR SUBCONTRACTORS FOR LOSSES AND DAMAGES TO EQUIPMENT, TOOLS, AND MATERIAL USED IN CONJUNCTION WITH THE WORK AND FOR ACTS OF HIS/HER EMPLOYEES.
- CLEANING UP: THE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH AND AT COMPLETION OF THE WORK THE CONTRACTOR SHALL REMOVE ALL RUBBISH, IMPLEMENTS, AND SURPLUS MATERIALS AND LEAVE THE BUILDING CLEAN, WITH PAINTED AND WOOD SURFACES CLEAN, ALL FLOORS WAXED AND/OR POLISHED AS SPECIFIED, AND ALL GLASS AND MIRRORS CLEANED AND POLISHED.
- 26 NO UNAUTHORIZED VISITS TO SITE, OCCUPIED OR UNOCCUPIED BY THE CONTRACTOR WILL BE PERMITTED PRIOR TO START OF WORK. 27 CONTRACTOR IS TO PROVIDE A LIST OF ALL SUBCONTRACTORS USED TO THE OWNER, COMPLETE
- WITH ADDRESSES, PHONE NUMBERS, AND COPIES OF ALL WARRANTIES.
- 28 OWNER SHALL HAVE ACCESS TO PROJECT FOR COMPLETION OF WORK BY OWNER. 29 ALL FLOOR SLAB CUTTING . TRENCHING AND REMOVAL SHALL BE REPLACED WITH THE SAME MATERIAL IN THE SAME THICKNESS OF THE ADJACENT FLOOR MATERIAL. ADDITIONAL, CONC. PATCHING SHALL BE DOWELED INTO THE ADJACENT CONCRETE SLAB TO MINIMIZE DIFFERENTIAL
- SETTLEMENT OF THE FLOOR SYSTEM. 30 ALL ROOF PENETRATIONS ARE TO BE PERFORMED BY BUILDING OWNER'S ROOFING CONTRACTOR. CONTACT BUILDING OWNER TO COORDINATE
- 31 IT SHALL BE SOLELY THE SIGN VENDOR'S RESPONSIBILITY TO DESIGN, FABRICATE AND INSTALL THE SIGN UNDER SEPARATE PERMIT, ANY AND ALL STRUCTURAL CONSIDERATIONS SHALL BE COORDINATED BETWEEN THE SIGN VENDOR. THE GENERAL CONTRACTOR. THE BUILDING OWNER AND HIS DESIGN PROFESSIONALS. GENERAL CONTRACTOR SHALL COORDINATE WITH SIGNAGE VENDOR AND CONTACT LANDLORD OR MUNICIPALITY FOR FINAL APPROVED LOCATION(S) PER THE TENANT SIGNAGE PROCEDURES AND/OR MUNICIPALITY REGULATIONS. SUBMIT PROPOSED DRAWINGS TO LANDLORD OR MUNICIPALITY AS REQUIRED FOR APPROVAL(S).
- 32 THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE, INCLUDING THE DRAWINGS AND SPECIFICATIONS, AND WILL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS, THE CONTRACTOR, SUBCONTRACTORS SUB-SUBCONTRACTORS, AND MATERIAL OR EQUIPMENT SUPPLIERS SHALL NOT OWN OR CLAIM A COPYRIGHT IN THE INSTRUMENTS OF SERVICE. SUBMITTAL OR DISTRIBUTION TO MEET OFFICIAL REGULATORY REQUIREMENTS OR FOR OTHER PURPOSES IN CONNECTION WITH THIS PROJECT IS NOT TO BE CONSTRUED AS PUBLICATION IN DEROGATION OF THE ARCHITECT'S OR ARCHITECT'S CONSULTANTS' RESERVED RIGHTS.
- THE CONTRACTOR, SUBCONTRACTORS, SUB-SUBCONTRACTORS AND MATERIAL OR EQUIPMENT SUPPLIERS ARE AUTHORIZED TO USE AND REPRODUCE THE INSTRUMENTS OF SERVICE PROVIDED TO THEM SOLELY AND EXCLUSIVELY FOR EXECUTION OF THE WORK. ALL COPIES MADE UNDER THIS AUTHORIZATION SHALL BEAR THE COPYRIGHT NOTICE, IF ANY, SHOWN ON THE INSTRUMENTS OF SERVICE. THE CONTRACTOR, SUBCONTRACTORS, SUB-SUBCONTRACTORS AND MATERIAL OR EQUIPMENT SUPPLIERS MAY NOT USE THE INSTRUMENTS OF SERVICE ON OTHER PROJECTS OR FOR ADDITIONS TO THIS PROJECT OUTSIDE THE SCOPE OF THE WORK WITHOUT THE SPECIFIC WRITTEN CONSENT OF THE OWNER. ARCHITECT AND THE ARCHITECT'S CONSULTANTS.

#### **CONTRACTOR GENERAL NOTES**

- 34 THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND HAVE CONTROL OVER CONSTRUCTION MEANS METHODS TECHNIQUES SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT. UNLESS THE CONTRACT DOCUMENTS GIVE OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS. IF THE CONTRACT DOCUMENTS GIVE SPECIFIC INSTRUCTIONS CONCERNING CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, THE CONTRACTOR SHALL EVALUATE THE JOBSITE SAFETY THEREOF AND, EXCEPT AS STATED BELOW, SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE JOBSITE SAFETY OF SUCH MEANS. METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES. IF THE CONTRACTOR DETERMINES THAT SUCH MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES MAY NOT BE SAFE, THE CONTRACTOR SHALL GIVE TIMELY WRITTEN NOTICE TO THE OWNER AND ARCHITECT AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK WITHOUT FURTHER WRITTEN INSTRUCTIONS FROM THE ARCHITECT. IF THE CONTRACTOR IS THEN INSTRUCTED TO PROCEED WITH THE REQUIRED MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES WITHOUT ACCEPTANCE OF CHANGES PROPOSED BY THE CONTRACTOR. THE OWNER SHALL BE SOLELY RESPONSIBLE FOR ANY LOSS OR DAMAGE ARISING SOLELY FROM THOSE OWNER-REQUIRED MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES.
- 35 THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION OF PORTIONS OF WORK ALREADY PERFORMED TO DETERMINE THAT SUCH PORTIONS ARE IN PROPER CONDITION TO RECEIVE SUBSEQUENT WORK
- 36 UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROVIDE AND PAY FOR LABOR. MATERIALS. EQUIPMENT. TOOLS. CONSTRUCTION EQUIPMENT AND MACHINERY, WATER, HEAT, UTILITIES, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK, WHETHER TEMPORARY OR PERMANENT AND WHETHER OR NOT INCORPORATED OR TO BE INCORPORATED IN THE WORK.
- 36 WARRENTY: THE CONTRACTOR WARRANTS TO THE OWNER AND ARCHITECT THAT MATERIALS AND EQUIPMENT FURNISHED UNDER THE CONTRACT WILL BE OF GOOD QUALITY AND NEW UNLESS THE CONTRACT DOCUMENTS REQUIRE OR PERMIT OTHERWISE. THE CONTRACTOR FURTHER WARRANTS THAT THE WORK WILL CONFORM TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND WILL BE FREE FROM DEFECTS. EXCEPT FOR THOSE INHERENT IN THE QUALITY OF THE WORK THE CONTRACT DOCUMENTS REQUIRE OR PERMIT. WORK, MATERIALS, OR EQUIPMENT NOT CONFORMING TO THESE REQUIREMENTS MAY BE CONSIDERED. DEFECTIVE. THE CONTRACTOR'S WARRANTY EXCLUDES REMEDY FOR DAMAGE OR DEFECT CAUSED BY ABUSE. ALTERATIONS TO THE WORK NOT EXECUTED BY THE CONTRACTOR. IMPROPER OR INSUFFICIENT MAINTENANCE, IMPROPER OPERATION, OR NORMAL WEAR AND TEAR AND NORMAL USAGE. IF REQUIRED BY THE ARCHITECT, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS AND EQUIPMENT
- 37 CONCEALED OR UNKNOWN CONDITIONS, IF THE CONTRACTOR ENCOUNTERS CONDITIONS AT THE SITE THAT ARE (1) SUBSURFACE OR OTHERWISE CONCEALED PHYSICAL CONDITIONS THAT DIFFER MATERIÀLLY FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS OR (2) UNKNOWN PHYSICAL CONDITIONS OF AN UNUSUAL NATURE. THAT DIFFER MATERIALLY FROM THOSE ORDINARII Y FOLIND TO EXIST AND GENERALLY RECOGNIZED AS INHERENT IN CONSTRUCTION ACTIVITIES OF THE CHARACTER PROVIDED FOR IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY PROVIDE NOTICE TO THE OWNER AND THE ARCHITECT BEFORE CONDITIONS ARE DISTURBED AND IN NO EVENT LATER THAN 21 DAYS AFTER FIRST OBSERVANCE OF THE CONDITIONS. THE ARCHITECT WILL PROMPTLY INVESTIGATE SUCH CONDITIONS AND, IF THE ARCHITECT DETERMINES THAT THEY DIFFER MATERIALLY AND CAUSE AN INCREASE OR DECREASE IN THE CONTRACTOR'S COST OF, OR TIME REQUIRED FOR, PERFORMANCE OF ANY PART OF THE WORK, WILL RECOMMEND AN EQUITABLE ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, OR BOTH, IF THE ARCHITECT DETERMINES THAT THE CONDITIONS AT THE SITE ARE NOT MATERIALLY DIFFERENT FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS AND THAT NO CHANGE IN THE TERMS OF THE CONTRACT IS JUSTIFIED, THE ARCHITECT SHALL PROMPTLY NOTIFY THE OWNER AND CONTRACTOR IN WRITING, STATING THE REASONS. IF EITHER PARTY DISPUTES THE ARCHITECT'S DETERMINATION OR RECOMMENDATION.
- 38 ALLOWANCE: THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT SUM ALL ALLOWANCES STATED IN THE CONTRACT DOCUMENTS. ITEMS COVERED BY ALLOWANCES SHALL BE SUPPLIED FOR SUCH AMOUNTS AND BY SUCH PERSONS OR ENTITIES AS THE OWNER MAY DIRECT, BUT THE CONTRACTOR SHALL NOT BE REQUIRED TO EMPLOY PERSONS OR ENTITIES TO WHOM THE CONTRACTOR HAS REASONABLE OBJECTION.
- 39 UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, 1. ALLOWANCES SHALL COVER THE COST TO THE CONTRACTOR OF MATERIALS AND EQUIPMENT DELIVERED AT THE SITE AND ALL REQUIRED TAXES, LESS APPLICABLE TRADE DISCOUNTS; 2. CONTRACTOR'S COSTS FOR UNLOADING AND HANDLING AT THE SITE, LABOR, INSTALLATION COSTS, OVERHEAD, PROFIT AND OTHER EXPENSES CONTEMPLATED FOR STATED ALLOWANCE AMOUNTS SHALL BE INCLUDED IN THE CONTRACT SUM BUT NOT IN THE ALLOWANCES 3. WHENEVER COSTS ARE MORE THAN OR LESS THAN ALLOWANCES. THE CONTRACT SUM SHALL BE ADJUSTED ACCORDINGLY BY CHANGE ORDER. THE AMOUNT OF THE CHANGE ORDER SHALL REFLECT (1) THE DIFFERENCE BETWEEN ACTUAL COSTS AND THE ALLOWANCES AND (2) CHANGES IN CONTRACTOR'S COSTS
- 40 SUPERINTENDENT: THE CONTRACTOR SHALL EMPLOY A COMPETENT SUPERINTENDENT AND NECESSARY ASSISTANTS WHO SHALL BE IN ATTENDANCE AT THE PROJECT SITE DURING PERFORMANCE OF THE WORK. THE SUPERINTENDENT SHALL REPRESENT THE CONTRACTOR AND COMMUNICATIONS GIVEN TO THE SUPERINTENDENT SHALL BE AS BINDING AS IF GIVEN TO THE CONTRACTOR.
- 41 THE CONTRACTOR, AS SOON AS PRACTICABLE AFTER AWARD OF THE CONTRACT, SHALL FURNISH IN WRITING TO THE OWNER THROUGH THE ARCHITECT THE NAME AND QUALIFICATIONS OF A PROPOSED SUPERINTENDENT. THE ARCHITECT MAY REPLY WITHIN 14 DAYS TO THE CONTRACTOR IN WRITING STATING (1) WHETHER THE OWNER OR THE ARCHITECT HAS REASONABLE OBJECTION TO THE PROPOSED SUPERINTENDENT OR (2) THAT THE ARCHITECT REQUIRES ADDITIONAL TIME
- 42 THE CONTRACTOR SHALL NOT EMPLOY A PROPOSED SUPERINTENDENT TO WHOM THE OWNER OR ARCHITECT HAS MADE REASONABLE AND TIMELY OBJECTION. THE CONTRACTOR SHALL NOT CHANGE THE SUPERINTENDENT WITHOUT THE OWNER'S CONSENT. WHICH SHALL NOT UNREASONABLY BE WITHHELD OR DELAYED.
- 43 SCHEDULE: THE CONTRACTOR, PROMPTLY AFTER BEING AWARDED THE CONTRACT, SHALL PREPARE AND SUBMIT FOR THE OWNER'S AND ARCHITECT'S INFORMATION A CONTRACTOR'S CONSTRUCTION SCHEDULE FOR THE WORK, THE SCHEDULE SHALL NOT EXCEED TIME LIMITS CURRENT UNDER THE CONTRACT DOCUMENTS , SHALL BE REVISED AT APPROPRIATE INTERVALS AS REQUIRED BY THE CONDITIONS OF THE WORK AND PROJECT, SHALL BE RELATED TO THE ENTIRE PROJECT TO THE EXTENT REQUIRED BY THE CONTRACT DOCUMENTS, AND SHALL PROVIDE FOR EXPEDITIOUS AND PRACTICABLE EXECUTION OF THE WORK.
- 44 DOCUMENTS AND SAMPLES AT THE SITE:THE CONTRACTOR SHALL MAINTAIN AT THE SITE FOR THE OWNER ONE COPY OF THE DRAWINGS. SPECIFICATIONS. ADDENDA. CHANGE ORDERS AND OTHER MODIFICATIONS, IN GOOD ORDER AND MARKED CURRENTLY TO INDICATE FIELD CHANGES AND SELECTIONS MADE DURING CONSTRUCTION, AND ONE COPY OF APPROVED SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR REQUIRED SUBMITTALS, THESE SHALL BE AVAILABLE TO THE ARCHITECT AND SHALL BE DELIVERED TO THE ARCHITECT FOR SUBMITTAL TO THE OWNER UPON COMPLETION OF THE WORK AS A RECORD OF THE WORK AS CONSTRUCTED.

#### **SHOP DRAWING NOTES**

- SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS ARE NOT CONTRACT DOCUMENTS. THEIR PURPOSE IS TO DEMONSTRATE THE WAY BY WHICH THE CONTRACTOR PROPOSES TO CONFORM TO THE INFORMATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS FOR THOSE PORTIONS OF THE WORK FOR WHICH THE CONTRACT DOCUMENTS REQUIRE SUBMITTALS. REVIEW BY THE ARCHITECT IS SUBJECT TO THE LIMITATIONS OF INFORMATIONAL SUBMITTALS UPON WHICH THE ARCHITECT IS NOT EXPECTED TO TAKE RESPONSIVE ACTION MAY BE SO IDENTIFIED IN THE CONTRACT DOCUMENTS. SUBMITTALS THAT ARE NOT REQUIRED BY THE CONTRACT DOCUMENTS MAY BE RETURNED BY THE ARCHITECT
- THE CONTRACTOR SHALL REVIEW FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, APPROVE AND SUBMIT TO THE ARCHITECT SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS REQUIRED BY THE CONTRACT DOCUMENTS IN ACCORDANCE WITH THE SUBMITTAL SCHEDULE APPROVED BY THE ARCHITECT OR. IN THE ABSENCE OF AN APPROVED SUBMITTAL SCHEDULE. WITH REASONABLE PROMPTNESS AND IN SUCH SEQUENCE AS TO CAUSE NO DELAY IN THE WORK OR IN THE ACTIVITIES OF THE OWNER OR OF SEPARATE CONTRACTORS.
- BY SUBMITTING SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS TO THE OWNER AND ARCHITECT THAT THE CONTRACTOR HAS (1) REVIEWED AND APPROVED THEM, (2) DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, OR WILL DO SO AND (3 CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK FOR WHICH THE CONTRACT DOCUMENTS REQUIRE SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT.
- THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS EXCEPT THAT THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND (1) THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION AS A MINOR CHANGE IN THE WORK, OR (2) A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT'S APPROVAL THEREOF.
- 6 THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION. IN WRITING OR ON RESUBMITTED SHOP DRAWINGS. PRODUCT DATA. SAMPLES OR SIMILAR SUBMITTALS. TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT ON PREVIOUS SUBMITTALS. IN THE ABSENCE OF SUCH WRITTEN NOTICE, THE ARCHITECT'S APPROVAL OF A RESUBMISSION SHALL NOT APPLY TO SUCH

### **SUBMITTAL NOTES**

- 1 WITHIN TEN (10) BUSINESS DAYS AFTER THE EFFECTIVE DATE OF THE AGREEMENT (UNLESS OTHERWISE SPECIFIED IN THE GENERAL REQUIREMENTS), CONTRACTOR SHALL SUBMIT TO
- ARCHITECT FOR TIMELY REVIEW A PRELIMINARY SCHEDULE OF SUBMITTALS. THE CONTRACTOR SHALL PREPARE AND KEEP CURRENT, FOR THE ARCHITECT'S APPROVAL, A SCHEDULE OF SUBMITTALS WHICH IS COORDINATED WITH THE CONTRACTOR'S CONSTRUCTION SCHEDULE AND ALLOWS THE ARCHITECT REASONABLE TIME TO REVIEW SUBMITTALS.
- WHEN ASSEMBLING A SUBMITTAL SCHEDULE. THE CONTRACTOR MUST TAKE INTO CONSIDERATION THE LEAD-TIMES FOR EACH ITEM REQUIRING A SUBMITTAL TO ENSURE THAT THE CONTRACTOR HAS SUFFICIENT TIME AFTER APPROVAL OF THE SUBMITTALS TO GET THE MATERIALS AND/OR EQUIPMENT FABRICATED AND DELIVERED TO THE SITE WITHOUT DELAYING THE PROJECT.
- REIVEW TIMEFRAME FOR EACH INITIAL SUBMITTAL IS TYPICALLY FIVE (5) BUSINESS DAYS. RESUBMITTAL TIMEFRAME IS TYPICALLY THREE (3) BUSINESS DAYS. CONTRACTOR SHALL REVIEW AND PROVIDE APPROVAL STAMP ON EACH SUBMITTAL PRIOR
- SUBMITTING THE SUBMITTAL TO ARCHITECT'S REVIEW. SUBMITTAL WITHOUT CONTRACTOR'S APPROVAL STAMP WILL BE REJECT AND RETURN BACK TO THE CONTRACTOR. CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM
- REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS.
- WITH EACH SUBMITTAL, CONTRACTOR SHALL GIVE ARCHITECT SPECIFIC WRITTEN NOTICE OF ANY VARIATIONS, THAT THE SHOP DRAWING OR SAMPLE MAY HAVE FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THIS NOTICE SHALL BE BOTH A WRITTEN COMMUNICATION SEPARATE FROM THE SHOP DRAWING'S OR SAMPLE SUBMITTAL; AND, IN ADDITION, BY A SPECIFIC NOTATION MADE ON EACH SHOP DRAWING OR SAMPLE SUBMITTED FOR REVIEW AND APPROVAL OF EACH SUCH VARIATION.
- UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND (1) THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION AS A MINOR CHANGE IN THE WORK, OR (2) A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION.
- CONTRACTOR SHALL ONLY PROVIDE SUBMITTALS THAT IS INDICATED WITHIN THE CONTRACT DOCUMENT OR BY ARCHITECT'S REQUEST. ANY OTHER SUBMITTAL THAT IS NOT EQUEST BY THE CONTRACT DOCUMENT OR ARCHITECT WILL BE RETURN TO CONTRACTOR WITHOUT COMMENT
- SUBMITTALS INCLUDED THE FOLLOWINGS: HVAC EQUIPMENTS PLUMBING FIXTURE CUT SHEET **ELECTRICAL PANEL & EQUIPMENTS** MILLWORK SHOP DRAWING AND MATERIAL SAMPLE

#### STOREFRONT SYSTEM TILE SAMPLES

1 TO THE FULLEST EXTENT PERMITTED BY LAW THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND ITS AGENTS AND EMPLOYEES FROM AND AGAINST CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEYS' FEES, ARISING OUT OF OR RESULTING FROM PERFORMANCE OF THE WORK, PROVIDED THAT SUCH CLAIM, DAMAGE, LOSS OR EXPENSE IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH, OR TO INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF), BUT ONLY TO THE EXTENT CAUSED BY THE NEGLIGENT ACTS OR OMISSIONS OF THE CONTRACTOR, A SUBCONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY THEM OR ANYONE FOR WHOSE ACTS THEY MAY BE LIABLE, REGARDLESS OF WHETHER OR NOT SUCH CLAIM, DAMAGE, LOSS OR EXPENSE IS CAUSED IN PART BY A PARTY INDEMNIFIED HEREUNDER. SUCH OBLIGATION SHALL NOT BE CONSTRUED TO NEGATE, ABRIDGE, OR REDUCE OTHER RIGHTS OR OBLIGATIONS OF INDEMNITY WHICH WOULD OTHERWISE EXIST AS TO A PARTY OR PERSON.

INDEMINFICATION

2 IN CLAIMS AGAINST ANY PERSON OR ENTITY INDEMNIFIED BY AN EMPLOYEE OF THE CONTRACTOR, A SUBCONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY THEM OR ANYONE FOR WHOSE ACTS THEY MAY BE LIABLE, THE INDEMNIFICATION OBLIGATION SHALL NOT BE LIMITED BY A LIMITATION ON AMOUNT OR TYPE OF DAMAGES. COMPENSATION OR BENEFITS PAYABLE BY OR FOR THE CONTRACTOR OR A SUBCONTRACTOR UNDER WORKERS' COMPENSATION ACTS, DISABILITY BENEFIT ACTS OR OTHER EMPLOYEE BENEFIT ACTS.

## **CHANGES IN WORK**

- 1 CHANGES IN THE WORK MAY BE ACCOMPLISHED AFTER EXECUTION OF THE CONTRACT, AND WITHOUT INVALIDATING THE CONTRACT. BY CHANGE ORDER, CONSTRUCTION CHANGE DIRECTIVE OR ORDER FOR A MINOR CHANGE IN THE WORK, SUBJECT TO THE LIMITATIONS STATED IN THE CONTRACT DOCUMENTS. 2 A CHANGE ORDER SHALL BE BASED UPON AGREEMENT AMONG THE OWNER, CONTRACTOR AND ARCHITECT; A CONSTRUCTION CHANGE DIRECTIVE REQUIRES AGREEMENT BY THE OWNER AND ARCHITECT AND MAY OR MAY NOT BE AGREED TO BY THE CONTRACTOR: AN ORDER FOR A MINOR
- CHANGE IN THE WORK MAY BE ISSUED BY THE ARCHITECT ALONE. 3 CHANGES IN THE WORK SHALL BE PERFORMED UNDER THE CONTRACT DOCUMENTS. AND THE CONTRACTOR SHALL PROCEED PROMPTLY. UNLESS OTHERWISE PROVIDED IN THE CHANGE ORDER. CONSTRUCTION CHANGE DIRECTIVE OR ORDER FOR A MINOR CHANGE IN THE WORK.

#### CHANGE ORDERS

4 A CHANGE ORDER IS A WRITTEN INSTRUMENT PREPARED BY THE ARCHITECT AND SIGNED BY THE OWNER, CONTRACTOR AND ARCHITECT STATING THEIR AGREEMENT UPON ALL OF THE FOLLOWING: 1. THE CHANGE IN THE WORK 2. THE AMOUNT OF THE ADJUSTMENT, IF ANY, IN THE CONTRACT SUM; 3.THE EXTENT OF THE ADJUSTMENT, IF ANY, IN THE CONTRACT TIME.

#### CONSTRUCTION CHANGE DIRECTIVES

- 5 A CONSTRUCTION CHANGE DIRECTIVE IS A WRITTEN ORDER PREPARED BY THE ARCHITECT AND SIGNED BY THE OWNER AND ARCHITECT, DIRECTING A CHANGE IN THE WORK PRIOR TO AGREEMENT ON ADJUSTMENT, IF ANY, IN THE CONTRACT SUM OR CONTRACT TIME, OR BOTH. THE OWNER MAY BY CONSTRUCTION CHANGE DIRECTIVE, WITHOUT INVALIDATING THE CONTRACT, ORDER CHANGES IN THE WORK WITHIN THE GENERAL SCOPE OF THE CONTRACT CONSISTING OF ADDITIONS. DELETIONS OR OTHER REVISIONS, THE CONTRACT SUM AND CONTRACT TIME BEING ADJUSTED ACCORDINGLY.
- 6 A CONSTRUCTION CHANGE DIRECTIVE SHALL BE USED IN THE ABSENCE OF TOTAL AGREEMENT ON THE TERMS OF A CHANGE ORDER.
- 7 IF THE CONSTRUCTION CHANGE DIRECTIVE PROVIDES FOR AN ADJUSTMENT TO THE CONTRACT SUM, THE ADJUSTMENT SHALL BE BASED ON ONE OF THE FOLLOWING METHODS: 1. MUTUAL ACCEPTANCE OF A LUMP SUM PROPERLY ITEMIZED AND SUPPORTED BY SUFFICIENT SUBSTANTIATING DATA TO PERMIT EVALUATION:
- 2.UNIT PRICES STATED IN THE CONTRACT DOCUMENTS OR SUBSEQUENTLY AGREED UPON; 3.COST TO BE DETERMINED IN A MANNER AGREED UPON BY THE PARTIES AND A MUTUALLY ACCEPTABLE FIXED OR PERCENTAGE FEE: OR
- 8 IF UNIT PRICES ARE STATED IN THE CONTRACT DOCUMENTS OR SUBSEQUENTLY AGREED UPON, AND IF QUANTITIES ORIGINALLY CONTEMPLATED ARE MATERIALLY CHANGED IN A PROPOSED CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE SO THAT APPLICATION OF SUCH UNIT PRICES TO QUANTITIES OF WORK PROPOSED WILL CAUSE SUBSTANTIAL INEQUITY TO THE OWNER OR CONTRACTOR, THE APPLICABLE UNIT PRICES SHALL BE EQUITABLY ADJUSTED.
- 9 UPON RECEIPT OF A CONSTRUCTION CHANGE DIRECTIVE, THE CONTRACTOR SHALL PROMPTLY PROCEED WITH THE CHANGE IN THE WORK INVOLVED AND ADVISE THE ARCHITECT OF THE CONTRACTOR'S AGREEMENT OR DISAGREEMENT WITH THE METHOD, IF ANY, PROVIDED IN THE CONSTRUCTION CHANGE DIRECTIVE FOR DETERMINING THE PROPOSED ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME.
- 10 A CONSTRUCTION CHANGE DIRECTIVE SIGNED BY THE CONTRACTOR INDICATES THE CONTRACTOR'S AGREEMENT THEREWITH, INCLUDING ADJUSTMENT IN CONTRACT SUM AND CONTRACT TIME OR THE METHOD FOR DETERMINING THEM. SUCH AGREEMENT SHALL BE EFFECTIVE IMMEDIATELY AND SHALL BE RECORDED AS A CHANGE ORDER.
- 11 IF THE CONTRACTOR DOES NOT RESPOND PROMPTLY OR DISAGREES WITH THE METHOD FOR ADJUSTMENT IN THE CONTRACT SUM. THE ARCHITECT SHALL DETERMINE THE METHOD AND THE ADJUSTMENT ON THE BASIS OF REASONABLE EXPENDITURES AND SAVINGS OF THOSE PERFORMING THE WORK ATTRIBUTABLE TO THE CHANGE, INCLUDING, IN CASE OF AN INCREASE IN THE CONTRACT SUM, AN AMOUNT FOR OVERHEAD AND PROFIT AS SET FORTH IN THE AGREEMENT, OR IF NO SUCH AMOUNT IS SET FORTH IN THE AGREEMENT, A REASONABLE AMOUNT. IN SUCH CASE, THE CONTRACTOR SHALL KEEP AND PRESENT, IN SUCH FORM AS THE ARCHITECT MAY PRESCRIBE, AN ITEMIZED ACCOUNTING TOGETHER WITH APPROPRIATE SUPPORTING DATA. UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, COSTS FOR THE PURPOSES BE LIMITED TO THE FOLLOWING:

1.COSTS OF LABOR, INCLUDING SOCIAL SECURITY, OLD AGE AND UNEMPLOYMENT INSURANCE, FRINGE BENEFITS REQUIRED BY AGREEMENT OR CUSTOM, AND WORKERS' COMPENSATION INSURANCE; 2.COSTS OF MATERIALS, SUPPLIES AND EQUIPMENT, INCLUDING COST OF TRANSPORTATION, WHETHER INCORPORATED OR CONSUMED: 3.RENTAL COSTS OF MACHINERY AND EQUIPMENT, EXCLUSIVE OF HAND TOOLS, WHETHER RENTED FROM THE CONTRACTOR OR OTHERS;

4.COSTS OF PREMIUMS FOR ALL BONDS AND INSURANCE, PERMIT FEES, AND SALES, USE OR SIMILAR TAXES RELATED TO THE WORK; AND 5.ADDITIONAL COSTS OF SUPERVISION AND FIELD OFFICE PERSONNEL DIRECTLY ATTRIBUTABLE TO THE

### PROJECT CLOSEOUT NOTES

#### **PUNCH LIST**

- 1 CONTRACTOR, UPON COMPLETION OF WORK SHALL NOTIFY ARCHITECT AND OWNER'S REPRESENTATIVE, AND SCHEDULE A WALK-THRU INSPECTION. UPON COMPLETION OF
- INSPECTION THE CONSTRUCTION PROJECT MANAGER WILL ISSUE A FORMAL REPORT. 2 IT IS THE CONTRACTOR'S RESPONSIBILITY TO CORRECT ALL DEFECTS IN MATERIAL AND/OR WORKMANSHIP NOTED DURING SAID INSPECTION AT NO ADDITIONAL COST TO THE OWNER WITHIN
- 3 CONTRACTOR SHALL NOTIFY OWNER AND ARCHITECT UPON COMPLETION OF ALL PUNCH LIST ITEMS AND A FINAL INSPECTION SHALL THEN BE CONDUCTED TO VERIFY THEIR CORRECTION. FINAL PAYMENT REQUESTS CANNOT BE PROCESSED UNTIL ALL ITEMS ON THE PUNCH LIST HAVE BEEN COMPLETED TO THE SATISFACTION OF NIKE AND THE ARCHITECT.

#### FILE FOLLOWING WITH OWNER PRIOR TO FINAL PAYMENT:

A PERIOD OF TIME AGREEABLE TO OWNER.

- 4 WARRANTIES 5 LIENS: RELEASE OR WAIVER AS REQUIRED UNDER CONTRACT DOCUMENTS.
- 6 CONTRACTOR SHALL FILE A "NOTICE OF COMPLETION" RECORDED WITH THE LOCAL AUTHORITIES AS REQUIRED UPON COMPLETION OF HIS WORK.
- 7 BONDS AND SPECIAL SERVICE MAINTENANCE CONTRACTS: AS SPECIFIED, EXECUTED BY EACH SUBCONTRACTOR, MANUFACTURER AND SUPPLIER AS APPLICABLE.

#### **RECORDED DRAWINGS:**

- 8 KEEP MARKED-UP UP-TO-DATE SET OF CONSTRUCTION DRAWINGS ON SITE AS AN ACCURATE RECORD OF CHANGES AND DEVIATIONS BETWEEN WORK AS SHOWN AND
- 9 UPON COMPLETION OF WORK, FURNISH THE ARCHITECT WITH A COMPLETE SET OF MARKED-UP REPRODUCIBLES WITH "RECORD DOCUMENTS" CLEARLY PRINTED IN LOWER RIGHT HAND CORNER OF EACH SHEET. TRANSFER ALL CHANGES AND DEVIATIONS FROM CONSTRUCTION SET TO "RECORD DOCUMENT" SET. SIGN EACH FINAL RECORD DRAWING. NOTE THEREON THAT RECORD DOCUMENTS ARE COMPLETED AND ACCURATE.

#### CLOSE OUT PACKAGE REQUIREMENTS

- 10 ALL OF THE FOLLOWING ITEMS SHALL BE COMPLETED BEFORE FINAL COMPLETION IS CERTIFIED AND RETENTION IS RELEASED TO THE CONTRACTOR. IT IS THE TENANT'S OBLIGATION TO SECURE
- ALL DOCUMENTS FROM THE CONTRACTOR THAT ARE REQUIRED UNDER THIS SECTION. 11 PROJECT CLOSEOUT DOCUMENTS: ALL ITEMS SHALL BE SUBMITTED TOGETHER IN ONE INDEXED 3-RING BINDER WITH SECTIONAL TABS AS IDENTIFIED BELOW. BINDER TO BE IDENTIFIED AND LABELED WITH PROJECT NAME AND GENERAL CONTRACTOR. THE CONTRACTOR SHALL PROVIDE ONE (1) COPY TO THE TENANT'S PROJECT MANAGER. PROJECT CLOSEOUT DOCUMENTS SHALL INCLUDE, BUT NOT BE LIMITED TO:
- 11A OPERATIONS MANUALS FOR ALL RELEVANT EQUIPMENT INSTALLED IN TENANT
- IMPROVEMENT WORK 11B A SWORN AFFIDAVIT LIST OF ALL CONTRACTORS AND SUBCONTRACTORS WHO PERFORMED TENANT IMPROVEMENT WORK ON THE PROJECT, INCLUDING COMPANY NAME, ADDRESS, TELEPHONE AND FAX NUMBERS AND CONTACT
- PERSON'S NAME; CONTRACT AMOUNTS AND ZERO BALANCE DUE CONFIRMATIONS. 11C. A LIGHT OF ALL ROOF FOUIPMENT INSTALLED IN TENANT IMPROVEMENT WORK
- WITH SERIAL NUMBERS AND MODEL NUMBERS OF EACH PIECE OF EQUIPMENT 11D WRITTEN ONE-YEAR WARRANTEES FROM CONTRACTOR AND SUBCONTRACTORS
- 11E GUARANTEES FOR ALL RELEVANT EQUIPMENT INSTALLED IN TENANT IMPROVEMENT WORK 11F A COPY OF THE BUILDING PERMIT IF A SEPARATE PERMIT WAS OBTAINED FOR TENANT IMPROVEMENT WORK
- 11G A COPY OF THE CERTIFICATE OF SUBSTANTIAL COMPLETION FOR TENANT IMPROVEMENT WORK
- 11H A COPY OF THE CERTIFICATE OF OCCUPANCY (OR TEMPORARY CERTIFICATE OF OCCUPANCY) IF OCCUPANCY WAS IMPACTED BY TENANT IMPROVEMENT WORK
- 111 A COPY OF ALL OPERATING PERMITS FOR EQUIPMENT INSTALLED IN TENANT IMPROVEMENT WORK AS REQUIRED BY LOCAL AUTHORITIES
- 11J A COPY OF THE FINAL PUNCH LIST WITH ALL ITEMS SIGNED OFF BY THE TENANT
- 11K A CURRENT CHANGE ORDER LOG RECAPPING ALL EXTRAS HAVE BEEN DOCUMENTED AND
- 11L HVAC CERTIFIED AND INDEPENDENT AIR BALANCE REPORT. 11M FINAL UNCONDITIONAL WAIVERS AND LIEN RELEASES FROM THE TENANT'S CONTRACTOR AND

## FIRE PREVENTION NOTES

- 1 EXIT DOOR SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING ANY
- HAZARIDOUS AREA OR WHEN SERVING AN OCCUPANT LOAD OF 50 OR MORE 2 EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- 3 EXCEPTION: THIS REQUIREMENT SHALL NOT APPLY TO EXTERIOR EXIT DOORS IN A GROUP "B" OCCUPANCY IF THERE IS A VISIBLE, DURABLE SIGN ON A ADJACENT EXIT DOORS STATING "THIS DOOR TO REMAIN OPEN DURING BUSINESS HOURS." THE LETTERS SHALL BE NOT LESS THAN 1 INCH HIGH ON A CONTRACTING BACKGROUND. THE LOCKING DEVICE
- MUST BE A TYPE THAT WILL BE REAILY DISTINGUISHABLE AS LOCKED. 4 PANIC HARDWARE, WHEN INSTALLED, SHALL COMPLY WITH ALL APPLICABLE BUILDING CODE REQUIREMENTS. THE ACTIVATING MEMBER SHALL BE MOUNTED AT A HEIGHT OF NOT LESS THAN 30 INCHES NOR MORE THAN 44 INCHES ABOVE THE FLOOR. THE UNLATCHING FORCES SHALL NOT EXCEED 15 POUNDS WHEN APPLIED IN THE DIRECTION OF EXIT TRAVEL.
- 5 THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT CANDLE AT THE WALKING SURFACE LEVEL.
- 6 EXIT SIGNS SHALL BE INSTALLED AT REQUIRED EXIT DOORWAYS AND WHERE OTHERWISE NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS WHEN THE EXIT SERVES AN OCCUPANT LOAD OF 50 OR MORE.
- 7 WHERE NECESSARY, THE FINAL LOCATION AND QUANTITY OF EXIT SIGNS SHALL BE DETERMINED BY THE FIRE DEPARTMENT PRIOR TO CONSTRUCTION OF ANY WORK. 8 THE COLOR AND DESIGN OF LETTERING, ARROW, AND OTHER SYMBOLS OF EXIT SIGN SHALL
- 9 ALL RATED CORRIDOR DOORS SHALL HAVE A THRESHOLD WITH A SMOKE AND DRAFT SEAL AT HEAD AND JAMBS. 10 INTERIOR WALL AND CEILING FINISHES SHALL BE NON-COMBUSTIBLE OR HAVE A FLAME

BE IN HIGH CONTRAST WITH THEIR BACKGROUND (3/4" X 6" LETTERS MIN)

- SPREAD RATING OF 0 TO 25 FEET 11 ALL DRAPS, HANGING CURTAINS AND OTHER DECORATIVE MATERIALS SHALL BE TREATED AND MAINTAINED IN A FLAME RETARDANT CONDITION.
- 12 FIRE DAMPERS OR DOORS SHALL BE PROVIDE WHERE AIR DUCTS PENETRATE FIRE RATED WALLS OR CEILING. SMOKE DAMPERS SHALL BE PROVIDED WHERE AIR DUCTS PENTRATED FIRE RATED WALL OR CEILING.
- 13 EXTEND / MODIFY FIRE LIFE SAFTY SYSTEM AS REQUIRED 14 A PORTABLE FIRE EXTINGUISHER WITH A MINIMUM 2A 10BC RATING SHALL BE PROVIDED EVERY 75' OF TRAVEL DISTANCE FROM ANY POINT WITHIN THE AREA DEFINED AS SCOPE OF WORK PER THESE PLANS PROVIDE FIRE EXTINGUISHED AS REQUIRED BY FIRE
- 15 PROVIDE EMERGENCY NOTIFICATION SYSTEM FOR THE HEARING AND VISUAL IMPAIRED PER A.D.A. REQUIREMENT

- 16 ALL MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS ARE PROHIBITED ON EXIT DOOR WHEN EXIT DOOR ARE USED IN PAIRS AND APPROVED AUTOMATIC FLUSH BOLTS ARE USED. THE DOOR LEAD HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRED OMRE THAN ONE OPERATION.
- 17 ALL EXIT DOOR HARDWARE SHALL BE OF AN APPROVED TYPE AND TESTED IN ACCORDANCE WITH PROCEDURES ESTABLISHED BY SFM 33.2 AND SFM 33.3
- 18 ALL HOLLOW METAL DOOR FRAMES SHALL BE PROVIDED WITH STEEL FRAME
- 20 THE CONTRACTOR SHALL UNDERCUT ALL NEW AND EXISTING DOORS AS REQUIRED TO ACCOMODATE ALL FLOOR CONVERINGS. VERIFY EXACT THICKNESS OF ALL NEW FLOOR COVERING WITH ARCHITECT PRIOR TO UNDERCUTTING OF DOORS.

#### 21 STANDARD MINIMUM DISTANCE BETWEEN DOOR JAMBS AND WALLS PERPENDICULAR AND ADJACENT TO DOOR OPENING TO BE 4" UNLESS OTHERWISE NOTES.

22 SUSPENSION SYSTEM SHALL BE AS INDICATED IN REFLECTED CEILING PLAN. LIGHTING

19 ALL THRESHOLD SHALL NOT EXCEED 1/2" CHANGE IN ELEVATION.

- FIXTURE SHALL BE INDEPENDENTLY SUPPORTED AT OPPOSITE CORNERS WITH NO. 12 WIRE. 23 LATERAL SUPPORT SHALL BE PROVIDED BY FOUR (12 GAUGE MINIMUM) WIRES SPLAYED IN FOUR DIRECTIONS AT 90 DEGRESS APART AND SHALL CONNECT TO THE MAIN RUNNER WITH 12 WINCHES OF THE ACROSS RUNNER TO THE STRUCTURE ABOVE OR TO PARTITION WALLS OR SHALL BE BRACED AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING SUPPORT POINTS SHALL BE PLACED 12'-0" O.C. IN EACH DIRECTION WITH THE FIRST POINT WITHIN 4'-0" FROM EACH WALL.
- 24 PROVIDE SUSPENDED CEILING OF FURRED OUT SURFACES WHERE REQUIRED TO CONCEAL PIPING, DUCT, ETC, IN FINISHED ROOMS, SHOULD CONDITIONS REQURED ALTERATIONS AT INDICATED CEILING HEIGHTS DUE TO STRUCTURAL OR MECHANICAL REQUIREMENT, OBTAIN THE FACILITIES MANAGEMENTS APPROVAL BEFORE INSTALLIUNIG FURRING.



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#### Project Owner:





#### Issue For:

**BUILDING 2ND SUBMITTAL** 

# 04/20/2018 REVISIONS REASON

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#### CA 95815 Project Number:

145-001-17 Sheet Title: GENERAL NOTES

#### **SPRINKLER NOTES**

- THIS SPACE IS TO BE PROVIDED WITH AN AUTOMATIC WET PIPE SPRINKLER SYSTEM. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR THE MODIFICATION OF THE EXISTING SYSTEM AND SHALL PROVIDE A NEW LAYOUT IN ACCORDANCE WITH NEW WALLS, LIGHTING AND HVAC SYSTEMS, AND SHALL PROVIDE ALL MATERIALS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM FOR THE PROPOSED TENANT FINISH OF THIS SPACE CONTRACTOR SHALL PREPARE ALL NEEDED DRAWINGS AND HAVE APPROVAL OF ALL STATE, LOCAL & INSURANCE UNDERWRITING AUTHORITES AS WELL AS MEETING ALL N.F.P.A 13 REQUIERMENTS. THE SPRINKLERS SYSTEM SHALL BE PRESSURE TESTED BY FIRE PROTECTION CONTRACTOR INSPECTED AND APPORVED BY LOCAL FIRE MARSHALL PRIOR TO ACCEPTANCE BY OWNER. INSPECT SITE AND CONSULT WHITH LANDLORD REPRESENTATIVE FOR EXACT EXISTING CONDITIONS OF FIRE PROTECTION SYSTEM, FOR LOCATION. CONNECTION POINT, SIZE, TYPE, ETC. PROVIDE SIGNED AND SEALED DRAWINGS AS REQUIRED TO THE LOCAL AUTHORITY. DRAWINGS SHALL BE SIGNED AND SEALED BY THE PROFESSIONAL ENGINEER EMPLOYED BY FIRE PROTECTION CONTRACTOR. WHO IS IN CHARGE OF THIS WORK. SPRINKLER HEADS IN PUBLIC VIEWABLE CEILINGS MUST BE OF AN APPROVED CONCEALED TYPE, SURFACE MOUNTED HEADS ARE PERMITTED IN AREAS NOT VISIBLE TO CUSTOMER. PRICING FOR COMPLETE AND FULLY OPERATIONAL SYSTEM SHALL BE INCLUDED IN GENERAL CONTRACTORS PROJECT BID TO OWNER.
- 2 PRIOR TO THE START OF DEMOLITON THE EXISTING FIRE LIFE SAFETY AND FIRE SPRINKLER SYSTEMS WITHIN THE PREMISES SHALL BE SAFED OFF, "DEACTIVATED" TO ALLEVIATE ANY POTENTUAL ACCIDENTAL DISCHARGE OR ACTIVATION. IN ADDITION, CARE NEEDS TO BE INCORPORATED INTO YOUR DEMOLITION TO PREVENT DAMAGE OR REMOVAL OF EXISTING INSTALLATIONS INTENDED TO BE REUSED OR THOSE THAT SERVE OTHER TENANCIES. IF NOT SURE OF SYSTEM OR THOSE IT PROVIDES, CONTACT LANDLORD IN ADVANCE OF IT'S REMOVAL. G.C. SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ANY SUCH
- NOTE THAT THE SPRINKLER DESIGN IS A DEFFER SUBMITTAL. THE SPRINKLER DESIGN IS TO BE COMPLETED BY A LICENSED FIRE SPRINKLER CONTRACTOR TO BE REVIEW AND APPROVED UNDER SEPARATE PERMIT SUBMITTAL.

## PRODUCT HANDLING NOTES

- 1 EXCEPT AS OTHERWISE APPROVED BY THE ARCHITECT, DETERMINE AND COMPLY WITH MANUFACTURER'S RECOMMENDATIONS ON PRODUCT HANDLING, STORAGE AND
- DELIVER PRODUCTS TO THE JOB SITE IN THEIR MANUFACTURER'S ORIGINAL CONTAINER WITH LABELS INTACT AND LEGIBLE. MAINTAIN PACKED MATERIAL WITH SEALS UNBROEKN
- AND LABELS INTACT UNTIL TIME OF USE.

  3 PROMPTLY REMOVE DAMANGED MATERIAL AND UNSUITABLE ITEMS FROM THE JOB SITE AND PROMPTLY REPLACE WITH MATERIAL MEETING THE SPECIFIED REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
- 4 PROTECT FINISHED SURFACES, INCLUDING JAMBS AN SOFFITS OF OPENINGS USED AS PASSAGEWAYS AND FLOORS THROUGH WHICH QUIPMENT AND MATERIALS ARE HANDLED.
- IN THE EVENT OF DAMAGE, PROMPTLY MAKE REPLACEMENTS AND REPAIRS TO THE APPROVAL OF THE ARCHITECT AND AT NO ADDITIONAL COST TO OWNER.
- 6 ALL DELIVERIES ARE TO BE CLEARLY MARKED WITH TENANT NAME, SPACE NUMBER, TENANT
- GENERAL CONTRACTOR'S NAME AND PHONE NUMBER.

  7 TENANT GENERAL CONTRACTOR IS REQUIRED TO HAVE ADEQUATE PERSONEL AND

## **CLEANING NOTES**

- THE CONTRACTOR SHALL KEEP THE PREMISES AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY OPERATIONS UNDER THE CONTRACT. AT COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE WASTE MATERIALS, RUBBISH, THE CONTRACTOR'S TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY AND SURPLUS MATERIALS FROM AND ABOUT THE PROJECT.
- IF THE CONTRACTOR FAILS TO CLEAN UP AS PROVIDED IN THE CONTRACT DOCUMENTS, THE OWNER MAY DO SO AND OWNER SHALL BE ENTITLED TO REIMBURSEMENT FROM THE CONTRACTOR.

#### CONSTRUCTION PROJECT MEETING

- WEEKLY CONSTRUCTION MEETING SHALL BE CONDUCT ON SITE. GENERAL CONTRACTOR MANAGER, SUPER INTENDENT, ARCHITECT, ENGINEER,, AND OWNER'S REPRESENTATIVE ARE REQUIRED TO ATTEND THE MEETING.
- 2 GENERAL CONTRACTOR MANAGER SHALL PREPARE MEETING AGENDA, CONDUCT MEETINGS, AND WRITE AND DISTRUBTE MEETING MINUTE AND DECISION TO PARTICIPANTS IN MEETING AND PARTIES AFFECT BY DECISION MADE AT THE MEETINGS.
- NOTIFICATION: GIVE PARTICIPANTS NO FEWER THAN SEVEN (7) DAYS NOTICE FOR ANY MEETING NOT REGULARLY SCHEDULED.

#### **HEALTH DEPARTMENT NOTES**

#### DRY STORAGE

- 1. BACK-UP DRY STORAGE SHELVING SHALL BE A MINIMUM OF 96 LINEAR FEET (MEASURED WITH TIERS) OR 25% OF KITCHEN, FOOD PREP, AND WORK AREAS, WHICHEVER IS GREATER. SHELVING SHALL BE AT LEAST 18" DEEP AND START A MINIMUM OF 6" OFF THE FLOOR
- 2. \SHELVING OVER WET AREAS (SINKS, MOP SINKS, ETC.) AND FOOD PREP SURFACES WILL BE

#### COLD STORAGE

- 1. COLD STORAGE ROOMS SHALL BE PROVIDED WITH A SECTION OF SHELVING INSTALLED TO HOLD SHALLOW COOL DOWN PANS NOT TO EXCEED 4" IN HEIGHT. SPACE BETWEEN SHELVING TO BE AT LEAST 8" HIGH.
- A THERMOMETER SHALL BE PROVIDED FOR EACH REFRIGERATION UNIT.

#### **EQUIPMENT**

- 1. ALL FOOD-RELATED AND UTENSIL-RELATED EQUIPMENT SHALL MEET OR BE EQUIVALENT TO SANITATION STANDARDS ESTABLISHED BY AN AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ACCREDITED PROGRAM.
- 2. ALL FLOOR MOUNTED EQUIPMENT WILL BE INSTALLED ON MINIMUM 6" SANITARY LEGS, CASTORS, OR COMPLETELY SEALED IN POSITION ON A 4" HIGH CURB WITH CONTINUOUSLY COVED BASE. COUNTERTOP EQUIPMENT WILL BE ON 4" SANITARY LEGS OR SEALED TO THE COUNTER UNLESS READILY MOVABLE.
- 3. IF SOFT DRINK, ICE OR OTHER DISPENSERS ARE SELF-SERVICE, OR IF REFILLS ARE PROVIDED THEY MUST BE PUSH BUTTON TYPES, OR LEVER TYPES WHERE THE LEVER CONTACTS THE CONTAINER AT LEAST ONE INCH BELOW THE RIM.

#### TRASH ENCLOSURE

1. A CONCRETE SLAB IS PROVIDED FOR TRASH, GARBAGE, AND GREASE CONTAINER. IF WALLS ENCLOSE AREA, THE INTERIOR WALL SURFACES WILL BE SMOOTH, SEALED AND WASHABLE (E.G., PLASTERED SMOOTH AND PAINTED, ETC.).

#### SINKS

- 1. ALL WAREWASHING SINKS TO HAVE 3-COMPARTMENTS THAT ARE A MINIMUM SIZE OF AT LEAST 18"X18"X12" DEEP (OR 16"X20"X12" DEEP) WITH A MINIMUM 18" DRAINBOARD AT EACH END. IF AGAINST A WALL, IT MUST HAVE AN 8" INTEGRAL BACKSPLASH. HOWEVER, IT MUST BE CAPABLE OF ACCOMMODATING THE LARGEST UTENSIL TO BE WASHED. A WAREWASHING MACHINE DOES NOT SUBSTITUTE FOR THE SINK REQUIREMENT.
- SINKS TO HAVE SPOUT(S) CAPABLE OF REACHING EACH COMPARTMENT.
   FOOD PREP SINK COMPARTMENT(S) TO BE AT LEAST 18"X18"X12" DEEP (OR 16"X20"X12" DEEP) WITH A MINIMUM 18" DRAINBOARD. SEPARATE FOOD PREP SINKS TO BE PROVIDED FOR MEATS AND PRODUCE.
- 4. THE 3 OR 4 COMPARTMENT BAR SINK TO BE AT LEAST 12"X12"X10" DEEP (OR 10"X14"X10" DEEP) WITH A MINIMUM 18" DRAINBOARD AT EACH END.
- 5. EACH HANDWASHING SINK MUST HAVE PERMANENTLY MOUNTED SINGLE-SERVICE SOAP AND PAPER TOWEL DISPENSERS.
- 6. ALL LAVATORIES OR HAND SINKS WILL HAVE A COMBINATION FAUCET OR PREMIXING FAUCET CAPABLE OF SUPPLYING WATER TEMPERED TO 100°F. SELF-CLOSING OR METERED FAUCET TO PROVIDE AT LEAST 15 SECONDS OF WATER WITHOUT REACTIVATION.
- 7. FOR CLEANING FLOOR MATS, THE JANITORIAL SINK MUST BE A MINIMUM 24"X36" FLOOR-MOUNTED TYPE. MOPS SHALL BE PLACED IN A POSITION THAT ALLOWS THEM TO AIR-DRY WITHOUT SOILING WALLS, EQUIPMENT, OR SUPPLIES.
- 8. THE JANITORIAL SINK FAUCET WILL HAVE A THREADED OUTER LIP FOR HOSE ATTACHMENT AND AN APPROVED BACKFLOW PREVENTION DEVICE. NO CHEMICAL DISPENSING SYSTEMS OR SHUTOFF VALVES TO BE ATTACHED TO MOP SINK FAUCET OUTLET (UNLESS A "SIDEKICK" PLUMBING DEVICE IS INSTALLED).

### **HEALTH DEPARTMENT NOTES**

#### WASTE WATER DISPOSAL

- ALL LIQUID WASTE SHALL BE DRAINED BY MEANS OF INDIRECT WASTE PIPES INTO A FLOOR SINK. FLOOR SINKS ARE TO BE INSTALLED FLUSH WITH THE FINISHED FLOOR SURFACE AND HAVE SUITABLE EASILY REMOVABLE SAFETY COVER GRATES.
- FLOOR DRAINS SHALL BE INSTALLED IN FLOORS THAT ARE WATER-FLUSHED FOR CLEANING AND IN AREAS WHERE PRESSURE SPRAY METHODS FOR CLEANING EQUIPMENT ARE USED, IN RESTROOMS, JANITORIAL ROOMS, SCULLERIES, AND AT BARS WITH WAREWASHING. FLOOR SURFACES IN AREAS PURSUANT TO THIS SHALL BE SLOPED 1:50 TO THE FLOOR DRAINS.
- 3. FLOOR SINKS TO BE 50% EXPOSED WHEN NO ACCESS IS PROVIDED FOR CLEANING OR BE IN LINE WITH THE FRONT FACE OF ELEVATED FREESTANDING EQUIPMENT.
- 4. APPROVED BACKFLOW PREVENTION DEVICES SHALL BE PROPERLY INSTALLED UPSTREAM OF ANY POTENTIAL HAZARD BETWEEN THE POTABLE WATER SUPPLY AND A SOURCE OF CONTAMINATION. HOSES SHALL NOT BE ATTACHED TO A FAUCET OR HOSE BIB UNLESS AN APPROVED BACKFLOW PREVENTER IS PROVIDED.
- 5. NO CONDENSATE OR WASTEWATER INCLUDING HVAC WILL DRAIN INTO THE
- JANITORIAL SINK.

  6. A SEPARATE WET WASTE DUMP FIXTURE SHALL BE PROVIDED FOR DISPOSAL OF DRINK OR WASTE ICE OR COFFEE WASTE.
- 7. GREASE TRAP TO BE LOCATED OUTSIDE THE FOOD SERVICE ACTIVITY AREA, FLUSH WITH THE FINISHED FLOOR WHEN INDOORS. LOCAL WASTEWATER DISTRICT TO BE CONTACTED FOR GREASE REMOVAL REQUIREMENTS.

#### **WATER SUPPLY**

- 1. THE HOT WATER HEATER WILL BE A COMMERCIAL TYPE CAPABLE OF CONSTANTLY SUPPLYING HOT WATER AT A TEMPERATURE OF 120°F TO ALL SINKS. IN SIZING THE WATER HEATER, THE PEAK HOURLY DEMAND FOR ALL SINKS, ETC., ARE ADDED TOGETHER TO DETERMINE THE MINIMUM REQUIRED RECOVERY RATE.
- 2. WATER SUPPLY TO CARBONATORS SHALL BE PROTECTED BY AN APPROVED REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER. THE RELIEF VALVE SHALL DRAIN INDIRECTLY TO SEWER WITH A LEGAL AIR GAP.

#### **GENERAL UTILITIES**

**VENTILATION** 

- 1. STATE ON PLANS WHETHER THE FACILITY IS SERVED BY A MUNICIPAL WATER
- SYSTEM OR BY WELL WATER.

  2. STATE ON PLANS WHETHER THE FACILITY IS SERVED BY A MUNICIPAL SEWER
- SYSTEM OR BY A SUB-SURFACE SEWAGE DISPOSAL SYSTEM (I.E. SEPTIC TANKS).

  3. ALL PLUMBING, ELECTRICAL AND GAS LINES SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURE TO AS GREAT AN EXTENT AS POSSIBLE. ALL EXPOSED
- CONDUITS, PLUMBING, ETC. SHALL BE INSTALLED AT LEAST 6" OFF FLOOR AND ¾ FROM WALL USING STANDOFF BRACKETS.

  4. CONDUITS, PLUMBING OR PIPING CANNOT BE INSTALLED ACROSS ANY AISLE WAY,
- TRAFFIC AREA OR DOOR OPENING.

  5. MULTIPLE RUNS OR CLUSTERS OF CONDUIT OR PIPELINES SHALL BE FURRED DOWN
- OR ENCASED IN AN APPROVED SEALED ENCLOSURE.

  6. ALL SEAMS, GAPS, AND OPENINGS TO BE PROPERLY SEALED.

ADEQUATE VENTILATION IS TO BE PROVIDED TO ALL TOILET ROOMS, JANITORIAL CLOSETS WITH MOP SINKS, AND INDOOR TRASH ROOMS AND IN DRESSING,

#### LIGHTING NOTES

- 1. A MINIMUM OF 10 FOOT-CANDLES OF LIGHT
  MEASURED 30" OFF FLOOR IS PROVIDED IN WALK-IN
  REFRIGERATED STORAGE AND DRY STORAGE
  ROOMS AND AT LEAST 20 FOOT-CANDLES IS
  PROVIDED WHERE FOOD IS PROVIDED FOR
  CONSUMER SELF-SERVICE, WHERE FRESH
  PRODUCE OR PREPACKAGED FOODS ARE SOLD OR
  OFFERED FOR CONSUMPTION; INSIDE EQUIPMENT
  SUCH AS REACH-IN AND UNDER-COUNTER
  REFRIGERATORS; IN AREAS USED FOR
  HANDWASHING, WAREWASHING, EQUIPMENT AND
  LITENSILS STORAGE AND IN TOIL ET POOMS
- UTENSILS STORAGE, AND IN TOILET ROOMS.

  2. A MINIMUM OF 50 FOOT-CANDLES OF LIGHT MEASURED 30" OFF FLOOR IS PROVIDED WHEN WORKING WITH FOOD OR WORKING WITH UTENSILS OR EQUIPMENT SUCH AS KNIVES, SLIVERS, GRINDERS, OR SAWS WHERE EMPLOYEE SAFETY IS A FACTOR AND IN ALL AREAS DURING PERIODS OF
- 3. SHATTERSHIELDS FOR ALL LIGHTS ABOVE FOOD PREPARATION, WORK, AND STORAGE AREAS WILL BE PROVIDED.
- 4 ALL FLUORESCENT FIXTURES WITH DOUBLE-ENDED LAMPS SHALL BE EQUIPPED WITH DISCONNECT MEANS PER 410.73(G) (§CEC 2013)

#### FLOORS, WALLS, WINDOWS, DOORS

- 1. FLOORING UNDER EQUIPMENT SHALL BE COMPLETELY SMOOTH FOR CLEANABILITY. FLOOR SURFACES THAT CONTAIN LIGHT TEXTURE SURFACES, ANTI-SLIP AGENTS OR ABRASIVE SURFACES ARE LIMITED TO WALKWAYS ONLY.
- THE PAINT USED ON WALLS AND CEILINGS OF ALL KITCHEN, FOOD PREPARATION, WORK, AND STORAGE AREAS WILL BE A GLOSS OR SEMI-GLOSS ENAMEL. FINISH MATERIAL SHALL BE A LIGHT COLOR IN FOOD PREP AREAS FOR EASY CLEANING.
- 3. PRIOR TO INSTALLATION, SAMPLES OF FINISHES MAY BE SUBMITTED TO ENVIRONMENTAL HEALTH FOR APPROVAL AS NEEDED.
- 4. ANY OPENABLE WINDOWS IN DINING AREA ONLY, VENT OPENING OR OTHER SIMILAR OPENINGS MUST BE PROVIDED WITH TIGHT FITTING SCREENS OF MINIMUM 16-MESH TO THE INCH. WINDOWS TO BE FIXED AT FOOD PREP, UTENSIL-WASHING, OPEN FOOD AND UTENSIL STORAGE AREAS.
- PASS-THROUGH WINDOWS MUST BE PROVIDED WITH TIGHT FITTING SCREENS ON MINIMUM 16-MESH TO THE INCH OR AIR CURTAIN AND MULTIPLE PASS-THROUGH WINDOWS ARE SPACED A MINIMUM OF 18" APART, MEASURED ON EDGE.
   ALL EXTERIOR DOORS OPEN OUTWARD AND ARE SELE-CLOSING AND TIGHT FITTING
- 6. ALL EXTERIOR DOORS OPEN OUTWARD AND ARE SELF-CLOSING AND TIGHT FITTING.
  7. BI-FOLD, FRENCH, ACCORDION STYLE AND ROLL-UP DOORS CANNOT OPEN INTO THE FOOD PREP, UTENSIL WASHING OR UNPACKAGED FOOD SERVICE AREAS.
- TOILET ROOM AND DRESSING ROOM DOORS MUST BE SELF-CLOSING, TIGHT FITTING.
   DELIVERY DOORS TO HAVE AIR CURTAIN FANS THAT SPAN THE WIDTH OVER THE DOOR. THE FAN MUST ACTIVATE VIA A MICROSWITCH PROVIDING A MINIMUM VELOCITY OF 1600 FPM MEASURED 3 FEET ABOVE THE GROUND.

## **REFLECTED CEILING NOTES**

- 1 ALL CEILING HEIGHT INDICATED ARE TO BE FROM FINISHED FLOOR UNLESS NOTED
- 2 LOCATE ALL TRACK & RECESSED FIXTURES @ CENTERLINE OF TILE UNLESS OTHERWISE INDICATED.
- 3 LIGHTING AT ALL FOOD PREP AREAS & KITCHEN HAS BEEN DESIGNED TO PROVIDE 50 fc @ WORK LEVEL. LIGHTING IN ALL OTHER AREAS HAS BEEN DESIGNED TO PROVIDE AT LEAST 10fc @ 30" A.F.F.. ALL EXPOSED LAMPS IN FOOD PREP AREAS ARE TO BE ENCAPSULATED COATED PAR LAMPS.
- 4 CONTRACTOR TO PROVIDE LAMPS INDICATED FOR ALL O.F.C.I. FIXTURES.

COORDINATE & NOTE (LIGHT SWITCHODIMMER BANK LOCATION.

OTHERWISE

- ALL EMERGENCY FIXTURES & EXIT SIGN QUANTITIES & LOCATIONS SHALL BE COORDINATED IN FIELD BY GC, LIGHTING VENDOR & CITY OFFICIAL. GC IS RESPONSIBLE TO PROVIDE ADDITIONAL FIXTURES IF REQUIRED BY OFFICIAL. G.C. MUST MATCH SPECIFIED FIXTURE.
- FIXTURE QUANITIES SHOWN ARE APPROXIMATE THE LIGHTING VENDOR IS RESPONSIBLE FOR DETERMINING EXACT FIXTURE COUNTS REQUIRED FOR PROJECT.
- GC IS RESPONSIBLE FOR COORDINATING FINAL FIXTURE QUANITIES WITH LIGHTING VENDOR PRIOR TO BIDDING, ORDERING & INSTALLATION.
- 8 REFER TO ELECTRICAL SHEETS FOR EXACT LIGHTING INFORMATION.
- 9 REFERENCE ELECTRICAL SHEETS FOR DIMMING SCHEDULE.
   10 GC TO PAINT ANY EXPOSE CONDUIT, DUCTWORK, BOTTOM OF DECK, AND ADJACENT WALL
- ABOVE BAFFLE CEILING AREA
  GC TO FIELD PAINT LIGHT FIXTURE TRIM TO MATCH THE ADJACENT SOFFIT/CEILING FINISH PER
  THE FOLLOWING LOCATIONS:
- 2 GC SHALL ENSURE CLEARANCE FOR LIGHT FIXTURES, DUCTS, FIRE SPRINKLERS, ETC. SHOULD ANY OBSTRUCTION OCCUR THAT PREVENT INSTALLATION OF ANY REQUIRED COMPONENT, NOTIFY ARCHITECT PRIOR TO INSTALLATION OF GRID, INSTLLATION WITHOUT APPROVAL SHALL BE REMOVED REINSTALLED PER DIRECTION OF ARCHITECT AT GENERAL CONTRACTORS SOLE EXPENSE.
- 13 FIRE/LIFE SAFTY FIXTURES SHOWN ON PLAN ARE SUGGESTED LOCATIONS ONLY. F.L.S. CONTRACTOR TO COORINDATE AND SUBMIT DESIGN/BUILD DRAWINGS. FOR APPROPRIAE LOCATION OF STROBES AND EXIT SIGNS TO SUBMITTED TO IDA FOR APPROVAL AND FIRE DEPARTMENT FOR PERMIT PRIOR TO THE COMMENCEMENT OF ANY INSTALLATION.
- BOTH NEW AND EXISTING SPRINKLER HEADS FOR THE AREA OF WORK WILL BE LOCATED PER SPRINKLER CONTRACTOR. DESIGN/BUILD DRAWING WILL BE SUBMITTED TO FIRE DEPARTMENT FOR APPROVAL

DOWNCLIPS MINIMUM FOR EACH TILE WITH A 4-FOOT RADIUS OF THE EXIT LIGHTS AND EXIT

ALL ACCESS PANEL IN GYPSUM BOARD CEILING TO GFRG ACCESS PANEL SIZED AS REQUIRED. PROVIDE 24" X 24" SIZE OPENING ACCESS PANEL. CONFIRM SIZE AND LOCATION WITH IDA. ACCESS PANELS SHALL BE PROVIDED FOR ELECTRICAL, PLUMBING, AND AIR CONDITIONING CONTROL AS REQUIRED BY THE BUILDING CODE, NFPA, AND LOCAL CITY CODE. IF LOCATION AND TYPE NOT SHOWN ON DRAWINGS, CONFIRM LOCATION AND TYPE WITH IDA PRIOR TO

15 ALL LAY IN PANELS SHALL BE SECURED TO THE SUPENSION SYSTEM WITH TWO HOLD

- 17 RELOCATE / RAISE EXISTING BACK BOX, CONDUIT, HVAC EQUIPMENT, DEVICE, AND ANY OTHER ITEMS THAT WILL NEED UPWARD RELOCATION BASED ON NEW PROJECT CEILING HEIGHT.
- ITEMS THAT WILL NEED UPWARD RELOCATION BASED ON NEW PROJECT CEILING HEIGHT.

  18 CEILING GRID SYSTEM WITHIN AREA OF WORK ARE TO BE INSTALLED IN A CONTINUOUS GRID PATTERN SO THAT WHEN A PENTRATING PARTITION IS REMOVED, NECESSARY CEILING REPAIRS WILL RESULT IN A CONSISTENT CEILING GRID.
- 19 SMOKE DETECTOR SHALL BE INSTALLED IN TENANT SPACE BY LICENSED ALARM SYSTEMS CONTRACTOR, WORK SHALL BE CONNECTED TO EXISTING BUILDING SYSTEM.
- ALL SPRINKLERS ARE BUILDING STANDARD U.O.N.
   ALL SWITCHING AND LIGHTING LAYOUT SHALL COMPLY WITH TITLE 24 STANDARD
- PROVIDE EMERGEBCT EXIT AND EXIT LIGHTING SYSTEM AS REQUIRED BY GOVERING JURISDICTION. EMERGENCY LIGHTING SHALL HAVE MIN 90 MIN BATTERY BACKUP.
   THE HEATING, VENTILATION, AND AIR CONDITIONS SHALL ACCODATE THE NEW OCCUPANCY.
- ALL ROOMS AND REAS SHALL HVAC SUPPLY AND RETURN AIR. THERMOSTATES SHALL HAVE AUTOMATIC CHANGEOVER FEATURE (NO MANUAL SWITCHING FROM HEATING TO COOLING CYCLES), WITH METAL NON VISUAL TAMPER PROOF COVERS.
- 24 IF LIGHT FIXTURE ARE TO BE REUSED / RELOCATED, CONTRACTOR SHALL CLEAN & RELAMP TO MATCH AS NECESSARY. ALL LGIHTS AND FIXTURES OF THE SAME TYPE (NEW & EXISTING) SHALL HAVE MATCHING LAMPS.
- PRIOR TO INSTALLATION, HVAC ZONES AND T-STAT LOCATIONS TO BE APPROVED BY TENANT & COORDINATE WITH FURNITURE PLANS AND WALL FINISH LOCATIONS.
- LATERAL SUPPORTS TO BE PROVIDED BY POST WIRE OF MINIMUM 12 GA, LAYED IN FOUR FIRECTIONS 90 DEGRESSS APART. CONNECTED TO MAIN RUNNER WITH 12 INCHES OF THE CROSS RUNNER AND TO THE STRUCTURE ABOVE OR TO PARTITION. ATTACH TO WALLS OR BRACE AN ANGLE NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING. SUPPORT POINTS SHALL BE PLACED 12" O.C.. IN EACH DIRECTION WITH THE FIRST POINT WITH 4'-0" FROM EACH WALL. SEE TYPICAL DETAIL ON DETAIL SHEETS.
- ALL LIGHTING TO BE COORDINATED WITH DINING TABLES
   SUSPENDED TRACK LIGHT FIXTURES TO BE CENTERED BETWEEN BAFFLED CEILING SLATS

## PAINT AND WALL COVERING NOTES

- UNLESS OTHERWISE SPECIFIED, ALL AREAS TO BE PAINTED IN ACCORDANCE WITH FINISH PLAN.
   ALL WALLS AND CEILING SHALL BE PROPERLY PREPARED, SPACKLED SANDED ETC. TO
- PROVIDE A PERFECTLY SMOOTH FINISH AND SURFACE READY FOR PRIME AND PAINT.

  3 ALL LOOSE PAINT SHALL BE REMOVED AND SPACKLED OR PLASTER PATCHED
- 4 ALL UNEVENNESS IN PARTITIONS SHALL BE SANDED OR CHIPPED AWAY AND SURFACES PLASTER-PATCH OR SPACKLED TO ENSURE EVEN SURFACE
- 5 ALL WOOD SHELVING AND PAINTED DOORS SHALL RECEIVING PRIMING SANDING AND TWO FULL COATS OF SEMIGLASS ENAMEL FREE OR BRUSH MARKS, UNLESS OTHERWISE NOTED.
  6 THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL SWITCH PLATES AND OUTLET PLATES,
- SURFACE HARDWARE ETC, PRIOR TO PAINTING, PROTECTING AND REPLACING SAME WHEN PAINTING HAS BEEN COMPLETED. GC SHALL REMOVE ALL PAINT FROM WHERE IT HAS SPILLED, SPLISHED OR SPLASTERED ON SURFACES, INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, DIFFUSERS, REFISTERS AND SLAB FITTING ETC.

  7 THE CONTRACTOR SHALL USE A LATEX BASE PAINT IN COLORS AND FINISHES SELECTED BY
- ARCHITECT. CONTRACTOR SHALL PROPERLY PREPARE ALL SURFACE TO RECEIVE ONE (1)
  PRIME COAT AND (2) FINISH COATS OF PAINT IN COLOR SELECTED BY ARCHITECT.

  THE CONTRACTOR SHALL INSTALL WALL COVERINGS AS PER MANUFACTURERS INSTALLATION SPECIFICATION, WHERE DESIGNED, ALL WALL COVERINGS SHALL BE SMOOTH WITH NO
- SPECIFICATION, WHERE DESIGNED, ALL WALL COVERINGS SHALL BE SMOOTH WITH NO SRINKLES, BUBBLES, OR LOOSE EDGE, ALL PASTE AND BRUSH MARKS SHALL BE THROUGHLY REMOVED WALL COVERING ADJOINING WOOD OR METAL TRIM SHALL BE CUT STRAIGHT AND SQUARE. ALL WORKMANSHIP WHICH IS NOT JUDGED TO BE FIRST EQUALITY BY ARCHITECT WILL NOT BE ACCEPTED.
- 9 THE CONTRACTOR SHALL EXAMINE ALL AREAS OF CONSTRUCTION AFTER COMPLETE OF WORK BY ALL TRADES AND INDICATE ALL NECESSARY "TOUGH-UP" PAINTING AND/OR PATCHING
- PATCHING

  10 IT IS THE INTENT OF THE DRAWING THAT ALL EXPOSE SURFACE RECEIVE FINISHES AS INDICATED ON THE DRAWINGS OR IN THE SPECIFICATION UNLESS SPECIFICALLY NOTED OTHERWISE. ANY SURFACE WHICH DO NOT HAVE A SPECIFICATION FINISH NOTED OR ARE NOTED TO REMAIN UNFINISHED SHALL BE BROUGH TO ATTENTION TO ARCHITECT AND
- FINISHED PER ARCHITECT'S INSTRUCTION.

  11 FINISH FRONT SIDE, BACK SIDE AND DOOR EDGE AT STRIKE SIDE AND HINGE SIDE, LEAVE TOP AND BOTTOM UNPAINTED TO PREVENT WRAPING
- PAINT ALL METAL ACCESS DOORS AND ACCESS PANELS TO MATCH ADJACENT WALL OR CEILING FINISH. GRAPHIC ON DOOR OR PANEL (IF ANY) ARE TO BE REPAINTEN/RE-APPLIED TO MATCH EXISTING. IF APPLICABLE.
   MARBLE TILE INSTALLATION SHALL BE A THIN SET APPLICATION CONFORMING TO ANSI A108.4
- 13 MARBLE TILE INSTALLATION SHALL BE A THIN SET APPLICATION CONFORMING TO ANSI A108.4 TCA HANDBOOK AND SECTION 12 SHEET GN-1 REQUIREMENT FOR HORIZONTAL AND VERTICAL APPLICATION. GROUT JOINT SHALL BE 1/16" AND CONFORM ANSI A108.10 AND TCA HANDBOOK SPECIFICATION. GROUTED COLOR IS TO BE SPECIFIED BY ARCHITECT. EXPANSION JOINTS SHALL MEET METHOD EJ171. ALL HORIZONTAL SURFACE SHALL RECEIVE A CLEAR SEALER COAT AS MANUFACTURED BY MIRA SEAL #511 OR EQUAL AND SHALL BE APPLIED BY MANUFACTURERS RECOMMENDATION.
- 14 GRANITE TILE INSTALLATION SHALL BE A THING SET APPLICATION CONFORMING TO ANSI A108.4 TCA HANDBOOK AND SECTION 12 SHEET GN-1 REQUIREMENT FOR HORIZONTAL AND VERTICAL APPLICATION. GROUT JOINTS SHALL BE 1/16" AND CONFORM TO ANSI A108.10 AND TCA HANDBOOK SPECIFICATIONS. GROUT COLOR IS TO BE SPECIFIED BY ARCHITECT. EXPANSION JOINTS SHALL MEET TCA METHOD EJ-171. ALL HORIZONTAL SURFACE RECEIVE A CLEAR SEALER COAT AS MANUFACTURER BY MIRA SEAL #511 OR EQUAL AND SHALL BE APPLIED BY MANUFACTURERS RECOMMENDATIONS.
- 15 CONTRACTOR IS TO INSTALL CERAMIC TILE IN ACCORDANCE WITH ANSI/TCA A108.5 INSTALLATION SPECIFICATION MORTAR BED SHALL BE A THING SET BOND COAT, DRY CEMENET MORTAR MEETING ANSI / TCA A166.4. GROUT SHALL BE CEMENT DRY CURE TYPE WITH LATEX ADDITIVE FOR STRENGTH AND ACID RESISTANCE, COLOR TO BE SPECIFIEDBY ARCHITECT. PROVIDE NECESSARY CAPS, STOPS, RETURNS, TRIMMERS, AND OTHER SHARPS TO COMPLETE INSTALLATION. PROVIDE COVE TYPE BASE TO MATCH WALL WHERE WALL TILE IS USE. OTHERWISE MATCH COLOR OF FLOOR TILE. PROVIDE THREHOLD AT WALL OR FRAME OPENING TO OTHER BUILDING AREA NOT RECEIVING CERAMIC TILE FLOOR FINISH.

#### **PLUMBING NOTES**

- 1 PLUMBING CONTRACTOR SHALL SUPPLY AND INSTALL ALL PLUMBING ROUGH-IN. FIXTURES, AND ACCESSORIES SHOWN ON ALL CONSTRUCTION PLANS, AND DETAIL DRAWINGS UNLESS OTHERWISE NOTED.
- 2 PLUMBING CONTRACTOR SHALL SUBMIT CUTS OF ALL NEW FIXTURE, FITTINGS, AND ACCESSORIES TO ARCHITECT AND PLUMBING ENGINEER FOR APPROVAL.
- 3 PLUMBING CONTRACTOR SHALL COORDINATE WORK WITH MANUFACTURERS SPECIFICATIONS
- 4 ALL EXISTING PLUMBING BEING ABANDONED SHALL BE CAPPED BEHIND EXISTING FINISHED SURFACES. EXISTING SURFACES SHALL BE PATCHED TO MATCH EXISTING SURROUND SURFACES IN MATERIAL AND FINISH. THE GENERAL CONTRACTOR SHALL ALSO INLUCDE IN HIS / HER BID A COST FOR WORK FOR CEILING REMOVAL AND REINSTALLATION REQUIRED FOR PLUMBING WORK IN CEILING PLENUM OF FLOOR BELOW TO COMPLETE WORK ON FLOOR BEING RENOVATED.
- FURNISH ALL VALVES AS INDICATED ON THE DRAWINGS OR AS MAY BE REQUIRED FOR THE PROPER CONTROL OF THE VARIOUS APPARATUS AND PIPING INSTALLED UNDER THIS SECTION SO THAT ANY FIXTURE LINE OR PIECE OF APPARATUS MAY BE CUT OFF FOR REPAIR WITTHOUT INTERFERENCE OR INTERRIPTION OF THE SERVICE TO THE REST OF
- 6 BEFORE BEING COVERED UP OR BUILT-IN ALL PIPE SHALL BE TESTED AND INSPECTED AS
- REQUIRED BY THE AUTHORITIES JURISDICTION.

  TOILET FLUSH CONTROLS PROVIDED AND INSTALLED AS PART OF THE WORK SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRED TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. CONTROLS FOR THE FLUSH VALVES SHALL BNE MOUNTED ON TEH WIDE SIDE OF THE TOILET AREA, NO MORE THAN 44" ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVIATED THE CONTROL SHALL NOT BE GREATER THAN 5 POUNDS.
- 8 FAUCET CONTROLS OR OTHER OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHES, OR TWISTING OF THE WRIST THE FORCE REQUIRED TO ACTIVATE THE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. LEVEL OPERATED PUSH TYPE AND ELECTRONICALLY CONTROLED MECHANISM ARE EXAMPLE OF ACCEPTABLE DESIGN. SELF CLOSING VALVES ARE ALLOWED IF THE
- FAUCET REMAIN OPEN FOR AT LEAST 10 SECOND.

  9 PLUMBING CONTRACTOR OR GENERAL CONTRACTOR SHALL INSTALL CAULKING, AND TO
- ENSURE THERE IS NO LEAKAGE

  10 WHERE AT THE WATER SOFTENER WASTE WATER DISCHARGE, PLUMBING CONTRACTOR

## **STOREFRONT ELEVATION NOTES**

SHALL USE SALT CORROSION PREVENTION PIPE PRODUCT (IE. STAINLESS STEEL PIPE

- TENANT GC TO VERIFY STOREFRONT SHOP DRAWING WITH FIELD DIMENSION. NOTIFY
- 2. ALL SIGNS SHALL CONCEAL ALL NECESSARY WIRING, CONDUIT, TRANSFORMERS, BALLASTS, STARTER, AND OTHER NECESSARY EQUIPMENT WITHIN THEIR INDIVIDUAL LETTERS OR BEHIND THE STOREFRONT CONSTRUCTION.

ARCHITECT IF THERE IS ANY DISCRPANCIES FROM THE DRAWINGS.

- 3. ALL SIGNS SHALL BE FABRICATED AND INSTALLED WITH UL APPROVED COMPONENTS IN COMPLIANCE WITH ALL APPLICABLE BUILDING AND ELECTRICAL CODES. SIGN MANUFACTURER WILL SUPPLY UL LABEL, IF REQUIRED BY LOCAL AUTHORITIES, IN AN INCONSPICUOUS LOCATION. NO SIGN COMPANY LABELS WILL BE PERMITTED ON SURACES
- OF THE SIGNS IN PUBLIC VIEW.

  4. SIGNAGE EXHIBIT IS PROVIDED FOR REFERENCE ONLY. FINAL SIGNAGE LOCATIONS AND SIZES TO BE COORDINATED WITH OWNER'S APPROVED SIGNAGE VENDOR AND UNDER GENERAL CONTRACTOR'S CONTRACT.
- 5. TENANT GC SHALL COORDINATE WITH SIGNAGE VENDOR FOR FINAL LOCATION AND QUANTITY OF SIGNAGE POWER JUNCTION BOXES.
- SIGNAGE IS UNDER SEPARATE PERMIT. SIGNAGE VENDOR SHALL COORDINATE WITH
- NECESSARY SIGNAGE PERMIT SUBMITTAL AND LANDLORD SIGNAGE SUBMITTAL.

  7. TENANT GC TO VERIFY EXISTING BULKHEAD CONDITION AND HEIGHT IN FIELD PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IF THERE IS ANY DISCRPANCIES FROM THE

## POWER/VOICE/DATA NOTES

- ALL FIXTURE PROVIDED FOR DATA CABLING SHALL COMPLY TO DATA CONSULTANT'S
- PERFORMANCE CRITERIA

  ELECTRICAL CONTRACTOR SHALL SUBMIT CUTS OF ALL FIXTURE AS DIRECTED

  ELECTRICAL CONTRACTOR SHALL COORDINATE ANY ELECTRICAL OF LIGHTING
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY LIGHTING AND ELECTRI CAL SERVICE FOR ALL TRADES AS REQUIRED.
   WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE
- INSTALLED IN GANG TYPE BOX UNDER ONE COVER PLATE.

  6 ALL ELECTRICAL, TELEPHONE RECEPTACLES AND LIGHTING FIXTURE SHALL BE LOCATED DIMENSION ON PLANS.
- ALL NEW OUTLETS ON COLUMNS WILL BE CENTERED ON FACE SHOWN, UNLESS OTHERWISED NOTES.
   NOT "BACK TO BACK" OUTLETS ARE PERMITTED WITHIN A WALL OUTLETS MUST BE STAFFERED IN LOCATION AND INSTALLED IN SEPARATE STUD CAVITIES.
- 9 POWER AND TELEPHONE OUTLETS SHOWN ON PLANS ARE NOT INCLUSIVE OF ALL OUTLET REQUIRED BY TENANT. CONTRACTOR SHALL VERIFY WITH TENANT ALL REQUIRED
- OUTLETS ETC. WITH THE TENANT PRIOR TO COMPLETEING WALL CONTSTRUCTION

  10 ALL FIRE PREVENTION AND ELECTRICAL WIRING TO BE PLACED IN CONDUIT.
- VOLTAGE CIRCUITS NOT IN CONDUIT.

  12 UNLESS OTHERWISE NOTED. ALL OUTLETS SIDE BY SIDE SHALL BE 6" FROM CENTER OF

FIRE RATED TEPLOW PLENUM CABLES SHALL BE USED FOR TELEPONE AND ANY LOW

- PLATE WITH POSITION DIMENSION CENTERED BETWEEN.

  13 PROVIDE TELEPHONE OUTLETS BOXES (WHERE SHOWN ON ELECTRICAL / TELEPHONE PLAN) AND ALL NECESSARY CONDUIT RUNS TO TELEPHONE EQUIPMENT AS REQUIRED.
- 14 ALL ELECTRICAL AND TELEPHONE WIRING CONDUIT SHALL BE CONCEALED IN PARTITION AND / OR CEILING.
   15 THE ELECTRICAL AND / OR GENERAL CONTRACTOR SHALL PROVIDE ALL CUTTING AND
- PATCHING OF ALL CHASES IN FLOORS, WALLS, AND CEILINGS, AS REQUIRED.

  16 PROVIDE NEW BLACK COVER PLATES FOR ABANDONED OUTLET LOCATIONS, COVER PLATES TO MATCH BUILDING STANDARD, UNLESS OTHERWISE NOTES.
- 17 CONVENIENCE RECEPTACLES SHALL BE BUILDING STANDARD DUPLEX TYPE RATED 15 AMP, 125V GROUND TYP., UNLESS OTHERWISE NOTED
   18 THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER WIRING
   19 THE ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH THE AIR CONDITION
- ENGINEER AND CONTRACTOR PRIOR TO EXECUTING WORK.

  20 AS IT RELATED TO THIS SET OF DOCUMENT A DEDICATED CIRCUIT (DC) SHALL BE A SINGLE CIRCUIT WITH MULTIPLE OUTLETS DECDICATED TO A SPECIFICATION USAGE.

  21 ALL POS STATION, SECURITY CAMERA SHALL BE DEDICATED CIRUCIT. ELECTRICAL
- CONTRACTOR TO COORDINATE WITH OWNER'S DATA AND SECURITY EQUIPMENT VENDOR FOR LOCATION AND NUMBER OF CIRCUITS.

  22 ELECTIRCAL CONTRACTOR TO PROVIDE CONDUIT AND WIRING CONNECTION LANDLORD'S STUB-IN LOCATION TO TENANT ELECTRICAL PANELS LOCATION. IT IS ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO VERIFY IN FIELD THE LOCATION OF STUB IN AND RUN
- DISTANCE PRIOR SUBMITTING TO THE BID.

  23 ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT FROM SERVER ROOM TO CEILING FOR FORIZONTAL CABLE DISTUBTION DATA, VENDOR TO CONFIRM SIZE AND QUANITITY OF CONDUIT.
- ADEQUATE FOR NEW REQUIREMENT, INSTALL NEW CONDUIT, OR PANEL IF REQUIRED. ELECTRICAL CONTRACTOR TO COORDIANTE WITH LANDLORD'S REQUIRED FIRE ALARM VENDOR, POWER REQUIREMENT. PROVIDE PANEL IF REQUIRED.

ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL CIRCUITS AT THE MAIN PANEL ARE



Geoffrey B. Lim AIA, NCARB, LEED AP

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**GENERAL NOTES** 

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#### **DOOR NOTES**

- ALL DOOR HANDLES TO BE LEVER TYPE PER STATE AND LOCAL ACCESSIBILITY REQUIREMENTS. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE
- PROVIDE DOOR STOPS OF APPROPRIATE TYPE FOR ALL INTERIOR DOORS, MATCH ADJACENT HARDWARE
- DOOR CLOSURES SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES. THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES WILL BE 5
- SECONDS MINIMUM FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE REQUIRED FORCE FOR PUSHING OPEN OR PULLING OPEN DOORS OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: INTERIOR HINGED DOOR: 5.0 LB (22.2 N) MAXIMUM

SLIDING/FOLDING DOOR: 5.0 LB (22.2 N) MAXIMUM EXTERIOR HINGED DOOR: 7.5 LB (22.2 N) MAXIMUM

- THE BOTTOM 10 IN. OF ALL DOORS EXCEPT AUTOMATIC DOORS. POWER ASSISTED DOORS. AND SLIDING DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
- PANIC HARDWARE SHALL BE PROVIDED AS SCHEDULED
- LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN THE PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE
- LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION. HAND-ACTIVATED DOOR OPENING HARDWARE TO BE CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR.
- EVERY DOORWAY WHICH IS LOCATED WITHIN AN ACCESSIBLE PATH OF TRAVEL SHALL BE OF A SIZE AS TO PERMIT THE INSTALL ATION OF A DOOR NOT LESS THAN 3'-0" IN WIDTH & NOT LESS THAN 6'-8" IN HEIGHT. WHEN INSTALLED, EXIT DOORS SHALL BE CAPABLE OF OPENING SO THAT THE CLEAR WIDTH OF THE EXIT IS NOT LESS THAT 32"
- MINIMUM MANEUVERING CLEARANCES @ DOORS SHALL BE AS SHOWN IN FIGURE 33-2. THE FLR. OR GROUND AREA WITHIN THE REQ'D. CLEARANCES SHALL BE LEVEL & CLR.
- THERE SHALL BE A LEVEL AND CLR. FLR. OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION.
- 13 THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND A MINIMUM OF 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXT. DOORS AND A MINIMUM OF 18" PAST THE STRIKE EDGE FOR INTERIOR DOORS
- THE FLOOR OR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF
- 15 DOORS SHALL NOT PROJECT MORE THAN 7" INTO THE REQUIRED CORRIDOR WIDTH WHEN FULLY OPENED OR MORE THAN ONE HALF INTO THE REQUIRED WIDTH WHEN IN ANY
- 16 COORDINATE DOOR WOOD SPECIES WITH OWNER
- ALL HARDWARE SHALL BE FINISHED TO MATCH ANSI #623, LIGHT OXIDIZED, STATUARY BRONZE, CLEAR COATED, UNLESS OTHERWISE NOTED.
- MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8.5 LBS. FOR INTERIOR DOOR. ALL HARDWARE SHALL COMPLY WITH APPLICABLE CODES AND ADA REQUIREMENTS.
- SPECIFIC HARDWARE MANUFACTURER AND MODEL NUMBERS SHALL BE SELECTED BY
- ARCHITECT FROM MANUFACTURER'S STANDARDS AND COLORS ALL DIMENSIONS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY
- ALL DIMENSIONS PRIOR TO FABRICATION. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT
- GRASPING. PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM
- 23 ALL LOCK SETS SHALL BE CODED AND/OR KEYED IN ACCORDANCE WITH THE BUILDING REQUIREMENTS. CODES AND/OR KEYS ARE TO BE DELIVERED TO TENANT PROPERLY TESTED AND/OR TAGGED. THE NUMBER OF MASTER AND PASS KEYS SHALL BE COORINDATE

#### **MILLWORK NOTES**

- 1 MILLWORKER TO SUBMIT COMPLETE SHOP DRAWINGS FOR APPROVAL AND VERIFY ALL DIMENSIONS IN THE FIELD BEFORE FABRICATION. CONFIRM FINISHES ON SHOP DRAWINGS. SUBMIT (4) 9" X 9" SAMPLE OF EACH FINISH FOR APPROVAL.
- 2 ALL WOOD VENEERED OR CONVERSION VARNISH FINISHED MILLWORK SHALL BE FABRICATED TO PREMIUM GRADE STANDARDS.
- 3 GC TO COORDINATE WITH MILLWORKER AND PROVIDE METAL BACKING AT WALL FRAMING FOR ALL WALL MOUNTED MILLWORK.
- 4 GC TO ENSURE DELIVERY AND INSTALLATION OF CASEWORK AND FINISH CARPENTRY WILL NOT BE DAMAGED BY OTHER CONSTRUCTION WORK.
- 5 COMPOSITE WOOD AND AGRIFIBER PRODUCTS, INCLUDING CORE MATERIAL MUST NOT CONTACTIN ADDED UREAFORMALDE RESINS.
- 6 LAMINATE ADHESIVE USED TO FABBRICATED ON SITE AND SHOP APPLIED ASSEMBLIES CONTAINING THESE LAMINATE ADHSIVE MUST CONTAIN NO ADDED UREAFORMLDEHYDE
- 7 ALL ADHESIVES AND SEALANTS USED FOR MILLWORK, PANELSING, OR VENEERING SHALL BE LOW VOC AND MUST NOT EXCEED THE VOC CONTENT LIMIT OF SCAQMD RULE 8 AEROSOL ADESIVE SHALL MEET REQUIREMENT EQUAL TO GREEN SEAL STANDARD GC-36
- 9 ALL THE WORK SHALL BE FABRICATED, ASSEMBLED, FINISHED, AND ERECTED TO MEET **CURRET WIC STANDARDS**
- 10 MILLWORK SHOP DRAWINGS ARE TO CALL OUT ALL MATERIAL AND FINISH, ALL JOINTS, CORNERS, AND EDGES ARE TO BE DETAILED IN INDIVIDIUAL DETAILS. ALL DIMENIONS, CRITICAL OR OTHERWISE. ARE TO BE CALLED OUT ON THE SHOP DRAWING.
- 11 COORDINATION OF MILLWORK AND OTHER SPECIALITY CONTRACTORS IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

## PARTITION NOTES

- 1. THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL PARTITIONS DESIGNATED ON THE DRAWINGS
- 2. UNLESS OTHERWISE NOTED, ALL DIMENSIONS FOR PARTITIONS ARE FROM FACE OF STUD TO STUD. ALL HEIGHTS ARE FROM THE TOP OF THE FINISHED FLOOR UNLESS OTHER WISE 3. THE GENERAL CONTRACTOR SHALL USE CORNER BEADS AT ALL EXPOSED CORNERS AND
- EXPOSED ENDS IN PLASTER AND DRYWALL PARTITIONS 4. ALL PARTITIONS SHALL BE ANCHORED FIRMLY AS PER MANUFACTURERS SPECIFICATIONS
- AND AS REQUIRED BY THE STATE AND LOCAL CODES. 5. THE GENERAL CONTRACTOR SHALL PROVIDE SUFFICIENT FRAMING FOR ALL WALL PARTITOINS FOR DUCT WORK, RETURN AIR OPENINGS AND GRILL OPENINGS ABOVE AND BELOW HUNG CEILING. COORDINATE WITH HVAC ENGINEERING DRAWINGS AND THE
- THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL ACCESS PANEL AS REQUIRED FOR MECHANICAL, ELECTRICAL, AND PLUMBING INSTALLATION PER LOCAL BUILDING CODES. LOCATIONS SHALL BE COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION.

GENERAL CONTRACTOR MECHANICAL SHOP DRAWINGS. ALL OPENING SHALL BE PROPERBLY

ALL GYPSUM BOARD CONSTRUCTION IS TO MEET WITH THE GYPSUM ASSOICATION STANDARDS AS ENFORCED BY THE LOCAL JURIDICATION.

SEALED FOR SOUNDPROOFING AND VIBRATION.

- THE GENERAL CONTRACTOR IS TO VERIFY PRIOR TO PRCING THE RATING OF THE EXISTING PARTITIONS COLUMNS FTC. THE GENERAL CONTRACTOR SHALL PROVIDE WALL FURRING AT EXISTING PARTITIONS WITH A RATING OF GREATER THAN 1 HOUR AS NECESSARY TO ACCOMMODATE ELECTRICAL OR PLUMBING CONDITIONS AS INDICATED ON THIS DOCUMENT.
- 9. STANDARD DRYWALL STUDS SHOULD BE ELECTRO GALVANIZED STEEL WITH PUNCHED UTILITY OPENINGS AND KNURLED FLANGE AT LEAST 1 -1/4" WIDE FLANGE RETURNS.
- GAUGE SPECIFIED ABOVE ARE A MINIMUM WHERE REQUIRED STUD HEIGHT EXCEEDS CODE COMPLIANCE, PROVIDE HEAVIER GAUGES STUDS OR DECREASE STUD SPACING AS NECESSARY TO CONFORM WITH CODE
- 11. ALL FIRE RATED PARTITIONS SHALL MEET CONSTRUCTION REQUIREMENT PER CBC
- 12. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE FULLY SEALED AND FITTED WITH APPROPRIATELY SIZED FIRE DAMPERS 13. METAL STUDS ICC APPROVAL REPORT ESR #3064P
- 14. GFCI PROTECTION MUST BE PROVIDED FOR ALL FOOD PREPARATION AREAS §210.8 (B) (2)

#### **FLOOR PLAN NOTES**

- 1 ALL DIMENSIONS ARE TAKEN FROM FACE OF METALSTUD, UNLESS OTHERWISE NOTED. DIMENSIONS TAKEN FROM DIMISING WALLS OR OTHER EXISITNG WALLS, ARE TAKEN FROM FINISH FACE OF DIMISING WALL, UNLESS OTEHRWISE NOTED. ALL EXISTING CONDITIONS ARE TO BE PROVIDED BY THE LANDLORD & VERIFIED BY G.C.
- 2 ALL WOOD TO BE SEALED W/ FIRE RETARDER INTUMESCENT SEALER TO MEET FIRE CLASS "B" RATING OR BETTER.
- 3 ALL CONCEALED WOOD BLOCKING TO BE FIRE RETARDED TREATED WOOD.
- 4 RE-SPRAY ALL DAMAGED FIRE PROTECTION AROUND COLUMNS. WHERE APPLIES. 5 COORDINATE W/ FQUIPMENT & PLUMBING PLANS FOR TRENCH DRAINS FLOOR DRAINS FLOOR
- SINKS & HUB DRAINS. DRAINS TO BE SET AT MIN. ELEVATION TO PROVIDE PROPER DRAINAGE SLAB TO BE SLOPED 1/4" PER 1'-0" UNLESS OTHERWISE NOTED. 6 GC TO INSTALL SILICONE SEALANT TO ALL SS PANEL JOINTS LOCATED AT WALK-IN COOLERS &
- FREEZER, COORDINATE WITH EQUIPMENT MANUFACTURER 7 PROVIDE FIRE CAULKING AT ALL PENETRATIONS IN DEMISING WALLS IN ORDER TO MAINTAIN
- **FIRERATING** 8 GC TO PROVIDE: CLASS "K" WET CHEMICAL SURFACE MOUNTED FIRE EXTINGUISHERS & TYPE 2A10BC FIRE EXTINGUISHERS IN RECESSED CABINETS - VERIFY QAUNTITY & LOCATION IN FIELD W/ FIRE MARSHALL.
- 9 ALL GAPS UNDER EXTERIOR DOORS NOT TO EXCEED 1/4"

TRANSITION DETAILS

- 10 REFERENCE ELEVATIONS FOR ALL NEW WALL FINISHES 11 GC TO INSTALL GREASE AND SLIP RESISTANT ROOF WALKWAYS AROUND GREASE FAN AS REQUIRED BY MALL ROOFER AND ROOF MANUFACTER WHO RETAINS WARRANTY.
- 12 GC TO REMOVE TEMPORARY COVER ON EXTERIOR FENESTRATIONS FOR NEW STOREFRONT AND DOORS.
- 13 G.C. TO PROVIDE PAINT TOUCH UP AFTER FIXTURE INSTALL AND STOCKING 14 ALL WOOD IN CONTACT WITH CONCRETE MUST BE PRESSURE TREATED MOISTURE
- RESISITANT WOOD 15 PROVIDE REDUCER/TRANSITION STRIPS AT ALL FLOORING TRANSITIONS. REFER TO FLOOR
- 16 GC IS REQUIRED TO PROTECT CONCRETE SIDEWALKS, WALLS, FLOORS AND OTHER SURFACES PER CENTER MANAGEMENT DIRECTION. G.C. IS RESPONSIBLE TO PAY THE COSTS OF ANY DAMAGE TO THE COMMON AREA SURFACES CAUSED BY SUB-CONTRACTORS OR **DELIVERY PERSONNEL**
- 17 GC TO ADVISE MALL MANAGEMENT 24 HOURS IN ADVANCE OF SAWCUTTING, UTILITY REMOVAL
- 18 G.C. IS RESPONSIBLE TO INSURE THAT THERE ARE NO UNDERGROUND UTILITIES OR OTHER SERVICES BEFORE CUTTING ANY CONCRETE ANYWHERE ON THE PROPERTY
- 19 CONTRACTOR SHALL THOROUGHLY VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION. ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT

### **FINISH FLOOR PLAN NOTES**

- 1 CLOSE GAP FROM COOLER WALL WITH S.S. CHANNEL
- 2 WALL FINISH, FACING TOWARDS WALK-IN COOLER, TO BE 12" BASE OD CEMENT BACKER
- BOARD WITH 5/8" MOISTURE RESISTANT GYPSUM BOARD TAPE. SAND AND PRIME ONLY 3 FINISHES IN ALL AREA, OTHER THAN THE CUSTOMER WAITING OR DINING AREAS, MUST BE
- SMOOTH, NONABSORBENT, WASILT CLEANABLE, AND DURABLE MATERIALS 4 FOOD PREP AREA FLOORING SHALL BE SMOOTH, NONABSORBENT, EASILY CLEANABLE, AND
- DURABLE. THE FLOORING SHALL BE OF AN APPROVED TYPE THAT CONTINUES UP THE WALL 4" IN A SEAMLESS MANNER, FORMING A 3/8" MIN. RADIUS COVE AS AN INTEGRAL UNIT. 5 ALL HIGH MOISTURE AREA, SUCH AS RESTROOM, KITCHEN, JANITOR CLOSET, GC SHELL USE
- GREENBOARD OTHERWISE NOTED ON THE PLAN. SURFACES BENEATH AND BEHIND SINKS SHALL BE FRP OR EQUIVALENTS.
- 6 ALL WALLS AND CEILINGS REQUIRED TO BE WASHABLE WILL HAVE SMOOTH FINISH
- 7 GC TO ENSURE SMOOTH AND ADA COMPLIANT TRANSITIONS BETWEEN FLOOR TYPES 8 GC TO OFFSET ALL 12"X24" TILE BY 1/3 MAXIMUM PER INDUSTRY STANDARDS AND
- MANUFACTURERS RECOMMENDATIONS
- 9 ALL INSET/CORNER TILES TO BE FULL TILES ONLY 10 PRIOR TO INSTALLING TILES, G.C. TO PROVIDE TILE PATTERN LAYOUT AND DIMENSIONS TO ARCHITECT FOR REVIEW AND APPROVAL
- 11 GC TO VERIFY ALL FLOORING PATTERN LAYOUT DIMENSIONS. NOTIFY ARCHITECT OF ANY
- DISCREPANCIES. DO NOT SCALE DRAWINGS. 12 G.C. TO CREATE SMOOTH FINISH TO ACCEPT FINISH FLOORING AS SCHEDULED SO THAT TOP OF FINISH FLOORING ALIGNS WITH EXTERIOR SLAB AND CREATES SMOOTH TRANSITION & ADA

MMA\* - REFERENCE FINISH SCHEDULE 'MMA-1' & 'MMA-2'

COMPLIANT. REFERENCE FLOOR PLAN AND KITCHEN DRAWINGS.

MMA-1 = TRACTION FLOORING MMA-2 = SMOOTH FLOORING FINISH UNDERNEATH ALL KITCHEN EQUIPMENT

METHYL-METHACRYLATE FLOORING SYSTEMS: - ONE-HOUR CURE TIME — REDUCING OPERATIONS DOWNTIME - PERMANENTLY BONDS TO CONCRETE SUBSTRATE

- SPECIFICALLY DESIGNED TO WITHSTAND HEAVY IMPACT AND INTENSE TRAFFIC - SEAMLESS FINISH THAT IS UV RESISTANT AND WATERPROOF - NSF REGISTERED — MEETS USDA/FDA REQUIREMENTS

RES-TEK IS A LEADING U.S. MANUFACTURER DEDICATED TO THE FORMULATION AND PRODUCTION OF SEAMLESS COMMERCIAL AND INDUSTRIAL FLOORING SYSTEMS. CONCRETE DECK COATINGS, AND POLYMER CONCRETE REPAIR MORTARS. THEIR INNOVATIVE, PROPRIETARY PRODUCT LINES. BASED ON HIGH QUALITY REACTIVE ACRYLIC RESINS (METHYL-MATHACRYLATE) AND CEMENTITIOUS URETHANE, ARE RELIABLE, DURABLE, AND FAST CURING; OFFERING A SUPERIOR SOLUTION FOR THE MOST CHALLENGING **ENVIRONMENTS** 

### **HVAC NOTES**

- SUBMIT SHOP DRAWING INDICATING ALL NEW EQUIPMENT, DIFFUSERS, THERMOSTATE AND ANY REQUIRED ACCESS PANELS TO ARCHITECT AND MECHANICAL ENGINEER FOR REVUEW
- PRIOT TO PROCEEDING WITH FABRICATION AND / OR INSTALLATION. INSTALLATION SHALL BE COORDINATE WITH ALL TRADES AS REQUIRED FOR PROPER
- ASSEMBLY CEILING DIFFUSERS TO BE RELOCATED TO MAINTAIN NEW FIXTURE PATTERNS.
- INTERIOR SPACES SHALL BE MECHANICALLY VENTILATED IN ACCORDANCE WITH THE ADMINTRATIVE CODE. PLANS SHOWING MECHANICAL VENTILATION SYSTEM WILL BE FILLED IN ACCORDANCE WITH THE RULE OF THE BUILDING DEPARTMENT.
- ANY BUILDING SERVICE SHUT DOWN REQUIRED FOR THE WORK SHALL BE REQUESTED IN WRITING BY THE HVAC CONTRACTOR AT LEASE 72 HOURS IN ADVANCE OF THE SHUT DOWN. THE HVAC CONTRACTOR SHALL OBTAIN APPROVAL FROM ALL AUTHORITIES HAVING JURISDICTION PRIOR TO SHUT DOWN, ANY SHUT DOWN AFFECTING THE NORMAL HVAC SERVICE OF OTHER BUILDING OCCUPANTS SHALL BE DONE ON OVERTIME AND AFTER
- BALANCING OF ENTIRE SYSTEM SHALL BE DONE BY AN INDEPENDANT AIR BALANCE COMPANY, SUNMIT REPORT TO ARCHITECT, TENANT, AND MECHANCIAL FOR REPORT. ALL DUCT WORK SHALL BE INSULATED AS REQUIRED FOR THERMAL AND ACOUSTIC
- MECHANCIAL VENTILATION IN TOILET ROOM SHALL PROVIDE (1) COMPLETE AIR CHANGE
- EVERY (15) MINUTE AND SHALL BE VENTED TO OUTSIDE AIR. ALL NEW MATERIAL REQUIRED SHALL BE EQUAL TO OR BETTER IN QUALITY THAN THE

#### **DEMOLITION NOTES**

- 1 THE CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF CONDITIONS THEREOF. HE SHALL INVESTIGATE. VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, AND SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY INCONSISTENCIES OR DISCREPANCIES WITH THE PLANS IN RELATION TO THE EXISTING FIELD CONDITIONS OR ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE WORK, COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF EXISTING CONDITIONS. GC TO BRING SALES AREA TO A "SHELL" CONDITION" IN ORDER TO ACCEPT NEW FIXTURE LAYOUT AS PER NEW FIXTURE PLAN.
- 2 SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN A STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING DEMOLITION AND NOTIFY ARCHITECT BEFORE PROCEEDING, PERFORM SURVEYS AS THE WORK PROGRESSES TO DETECT HAZARDS RESULTING FROM DEMOLITION
- 3 CONTRACTOR TO COORDINATE & REVIEW ALL CONSTRUCTION DOCUMENTS & DETERMINE THE EXTENT OF DEMOLITION WORK & BECOME FAMILIAR WITH THEM THOROUGHI Y BEFORE PERFORMING ANY DEMOLITION WORK. BY THE ACT OF SUBMITTING A BID. THE CONTRACTOR WILL BE DEEMED TO HAVE COMPLIED WITH THE FOREGOING TO HAVE ACCEPTED SUCH CONDITIONS AND TO HAVE MADE ALLOWANCES THEREFORE IN PREPARING HIS BID.
- 4 PLANS SHOW GENERAL DEMOLITION WORK TO BE PERFORMED AND DOES NOT RELIEVE THE CONTRACTOR FROM OTHER DEMOLITION WORK REQUIRED TO PRODUCE THE BUILDING MODIFICATIONS SHOWN ON THE REMAINING CONTRACT DOCUMENTS. INCLUDING THE PLUMBING. MECHANICAL & ELECTRICAL DRAWINGS WORK INCLUDES REMOVAL AND LEGAL DISPOSAL OF ALL EXISTING CONSTRUCTION ITEMS THAT ARE NOT UTILIZED IN THE FINISHED PROJECT. REMOVE ALL ITEMS SPECIFICALLY INDICATED IN THE DRAWINGS AND ITEMS WHICH ARE NECESSARY TO BE REMOVED IN ORDER TO FACILITATE THE FINISHED PROJECT
- 5 FIELD VERIFY ALL DIMENSIONS AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT. DO NOT SCALE DRAWINGS. ALL DIMENSIONS LOCATING WALLS ARE TAKEN FROM OUTSIDE FACE OF EXISTING PARTITIONS OR SURFACE OF MASONRY UNI ESS OTHERWISE INDICATED.
- 6 COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION. REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN THE OWNER'S PROPERTY.
- 7 EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, OR DETERMINED BY OWNER TO REMAIN THE OWNER'S PROPERTY, DEMOLISHED MATERIALS SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE. TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM TO ENSURE MINIMAL INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. REMOVE & TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS
- 8 STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE
- 9 EXECUTE THE WORK IN A CAREFUL AND ORDERLY MANNER. COORDINATE ALL WORK WITH THE LANDLORD/PROPERTY MANAGER TO VERIFY USE OF THE STORAGE ROOM,
- POWER, TEMPORARY STORAGE, SITE ACCESS, HOURS OF WORK ETC... 10 SUBMIT WRITTEN REQUEST IN ADVANCE OF CUTTING OR ALTERING ELEMENTS WHICH A. STRUCTURAL INTEGRITY OF ELEMENT
- B. INTEGRITY OF WEATHER EXPOSED OR MOISTURE RESISTANT ELEMENTS. 11 PROVIDE TEMPORARY BRACING AND SHORING WITH CONNECTIONS OF SUFFICIENT STRENGTH TO BEAR IMPOSED LOADS, AND TO PROTECT ALL PERSONS AND PROPERTY, AND TO ENSURE PROPER ALIGNMENT. COMPLY WITH ALL STATE, O.S.H.A. AND LOCAL CODES. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR PROVIDING ADEQUATE BRACING OF WALLS DURING DEMOLITION AND ERECTION TO PREVENT DAMAGE DUE TO HIGH WINDS OR OTHER LATERAL LOADS AND CONSTRUCTION IMPACTS. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR
- DAMAGE DUE TO HIS FAILURE TO TAKE SUCH PRECAUTIONS. 12 SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF
- ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING DEMOLITION. 13 REMOVE & REINSTALL ITEMS INDICATED; CLEAN, SERVICE, AND OTHERWISE PREPARE THEM FOR REUSE; STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED.
- 14 THE CONTRACTOR SHALL PROTECT ALL UNALTERED PORTIONS OF THE EXISTING CONDITIONS, AS NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING WORK AND WORK BY OTHERS.
- 15 MAINTAIN EXISTING UTILITIES WHERE APPLICABLE TO REMAIN IN SERVICE AND VERIFY THAT SERVICE IS NOT DISCONNECTED IN OTHER TENANT SPACES DURING
- 16 PROVIDE TEMPORARY WEATHER PROTECTION, DURING INTERVAL BETWEEN DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION, ON EXTERIOR SURFACES AND NEW CONSTRUCTION TO ENSURE THAT NO WATER DAMAGE OCCURS TO STRUCTURE EXTERIOR OR INTERIOR AREAS, G.C. TO PLACE WALK-OFF MATS AT EXITS TO CONTROL THE TRACKING OF DUST, DIRT AND DEBRIS INTO LANDLORD'S COMMON AREAS.
- 17 PROTECT WALLS, ROOF, SIDEWALKS, AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN AND ARE EXPOSED DURING SELECTIVE DEMOLITION OPERATIONS.
- 18 GENERAL CONTRACTOR TO REVIEW CONDITION OF CONCRETE SLABS (INTERIOR & EXTERIOR) TO BE RE-USED WITH OWNER'S CONSTRUCTION MANAGER AFTER DEMOLITIÓN OF EXISTING WALLS FLOORS & CELLINGS IS COMPLETE. GENERAL CONTRACTOR TO REVIEW PATCH LOCATIONS & COLOR FOR: TRENCHING LOCATIONS FOR NEW PLUMBING: NON-COMPLIANT CODE CONDITIONS: AND SIGNIFICANT COSMETIC DEFECTS WITH OWNER'S CONSTRUCTION MANAGER.
- 19 ANY EXISTING FINISHED SURFACES TO REMAIN THAT ARE AFFECTED BY SELECTIVE DEMOLITION SHALL BE PATCHED TO MATCH EXISTING ADJACENT SURFACES UNLESS
- CONCEALED BY NEW CONSTRUCTION 20 WHERE NEW WORK ADJOINS EXISTING WORK, THE CONTRACTOR SHALL DO ALL NECESSARY CUTTING, PATCHING AND FITTING. JUNCTURES OF NEW AND EXISTING OR OTHER WORK SHALL BE REPAIRED AND PATCHED TO MATCH ADJACENT EXISTING SURFACES. EXISTING WALLS REQUIRING MODIFICATION OF ANY KIND SHALL BE REFINISHED TO THE NEAREST OUTSIDE OR INSIDE CORNER.
- 21 DISCONNECT AND REMOVE AND/OR CAP ALL EXISTING UTILITIES (ELECTRIC, GAS. WATER, SANITARY & STORM) WHERE SCHEDULED NOT TO BE REUSED. IN ACCORDANCE WITH CITY AND GOVERNING CODE AND UTILITY COMPANY
- 22 PROVIDE TEMPORARY LIGHTING/POWER AS REQUIRED, DURING AND AFTER DEMOLITION FOR ALL AREAS WITHIN LIMITS OF THIS CONTRACT. SUCH SERVICE SHALL BE TAKEN FROM EXISTING PANEL BOARDS, AND EXISTING EQUIPMENT MAY BE UTILIZED WHERE FEASIBLE. 23 ALL EXISTING CONDUIT AND WIRE INTERFERING WITH THE NEW WORK SHALL BE
- REROUTED CONCEALED IN THE NEW CONSTRUCTION, UNLESS NOTED OTHERWISE. 24 ALL UNUSED CONDUIT AND WIRE REMOVED SHALL BE REMOVED COMPLETELY BACK TO SOURCE, AND BRANCH OVER-CURRENT PROTECTIVE DEVICES PROPERLY
- 25 UPON COMPLETION OF THE NEW INSTALLATION WORK, DISCONNECT, REMOVE, AND PROPERLY DISPOSE OF ALL TEMPORARY LIGHTING, POWER, AND WIRING.
- 26 PROVIDE PHOTOGRAPHS OR VIDEOTAPE, SUFFICIENTLY DETAILED, OF EXISTING CONDITIONS OF ADJOINING CONSTRUCTION AND SITE IMPROVEMENTS THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY DEMOLITION OPERATIONS.

27 CLEAN ALL HORIZONTAL SURFACES OF ACCUMULATED DUST AND DEBRIS. SWEEP

- THE BUILDING BROOM CLEAN ON COMPLETION OF DEMOLITION OPERATION. 28 SHOULD THE CONTRACTOR ENCOUNTER SUSPICIOUS MATERIAL OR BECOME AWARE OF THE PRESENCE OF ASBESTOS CONTAINING MATERIALS. THEN THE CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER OF SUCH CONDITIONS. THE CONTRACTOR SHALL NOT PROCEED WITH WORK IN THESE AREAS UNTIL OWNER HAS RETAINED A QUALIFIED SPECIALIST CONTRACTOR TO VALIDATE, ABATE, ENCAPSULATE OR OTHERWISE ADDRESS THE ASBESTOS-CONTAINING MATERIALS AND WARRANT TO
- APPLICABLE LAWS AND REGULATIONS. 29 MODIFY EXISTING FIRE SPRINKLER AS REQUIRED BY NEW CONSTRUCTION AND DESIGN BY TENANT G.C. SPRINKLER DESIGN TO BE DESIGN BUILD UNDER SEPARATE PERMIT. SPRINKLER CONTRACTOR TO PROVIDE DRAWINGS TO LOCAL JURISDICTION. AS REQUIRED FOR SPRINKLER PERMIT, G.C. TO COORDINATE WITH LANDLORD APPROVED SPRINKLER CONTRACTOR IN REGARDS TO DESIGN, PERMITTING AND INSTALLATION. ALL SPRINKLER MODIFICATION/INSTALL WORK WILL BE UNDER A

THE CONTRACTOR THAT THE WORK CAN PROCEED IN FULL COMPLIANCE WITH

- SEPARATE PERMIT SUBMITTAL. 30 G.C. TO COORDINATE FIRE ALARM SYSTEM MODIFICATION WITH LANDLORD PREFERRED FIRE ALARM CONTRACTOR PER NEW FLOOR PLAN. ALL FIRE ALARM
- MODIFICATION/INSTALL WORK TO BE UNDER SEPARATE PERMIT 31 G.C. SHALL COORDINATE WORK WITH MALL MANAGER TO INSURE MINIMAL
- DISRUPTION TO MALL OPERATIONS AND ADJACENT TENANTS. 32 G.C. TO REUSE ANY EXISTING IMPROVEMENTS, EQUIPMENT AND UTILITY SYSTEMS, PROVIDED THEY ACKNOWLEDGE RESPONSIBILITY FOR THE REPAIR, REPLACEMENT OR UPGRADE OF SUCH IF DETERMINED TO BE NON COMPLAINT WITH LATEST CODE. NOT DESIGNED OR APPLICABLE FOR PROPOSED APPLICATION, DAMAGED OR NON OPERATIONAL

## PATCHING AND CLEANING NOTES

- THE GENERAL CONTRACTOR SHALL DO ALL CUTTING, FITTING, AND PATCHING WORK THAT MAY BE REQUIRED TO MAKE ALL PARTS COME TOGETHER PROPERLY AND FIT TO RECEIVE OR BE RECEIVED BY WORK OF OTHER CONTRACTOR SHOWN UPON OR RESONABLY IMPLIED BY THE DRAWINGS AND NOTES.
- THE GENERAL CONTRACTOR SHALL PROVIDE ALL FLOOR CUTOUTS AND PATCHING REQUIRED FOR THE INSTALLATION OF ALL WORK
- THE GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING COLUMN FIRE PROOFING PRIOR TO INSPECTION

#### **GENERAL/LANDLORD COMMENTS:**

The information included below must appear on the Tenant's working drawings in its entirety, prior to Landlord approval of the plans:

1. NO ASBESTOS MATERIAL! ALL MATERIAL USED IN THE CONSTRUCTION OF THIS SPACE MUST BE ASBESTOS FREE 2. THIS REVIEW DOES NOT RELEASE THE TENANT FOR THE RESPONSIBILITY OF CONFORMING TO THE DESIGN AND CONSTRUCTION CRITERIA OUTLINED IN THE LEASE.

- 3. VERIFY IN FIELD ALL EXISTING CONDITIONS AND DIMENSIONS. 4. ALL WORK IS TO BE COORDINATED WITH LANDLORD'S ON-SITE REPRESENTATIVE. 5. THE LANDLORD'S ON-SITE REPRESENTATIVE RESERVES THE RIGHT TO MAKE CHANGES
- (AS REQUIRED IN THE FIELD) TO THE LANDLORD APPROVED PLANS 6. TENANT CONTRACTOR SHALL PERFORM FIRST CLASS WORKMANSHIP. ACCEPTANCE CONTINGENT UPON LANDLORD
- 7. TENANT'S GENERAL CONTRACTOR SHALL PREPARE A RECORD SET OF AS-BUILT DRAWINGS, WHICH REFLECT ANY CHANGES, ADDITIONS, OR DELETIONS TO THE LANDLORD APPROVED SET OF DRAWINGS AND SHALL TURN THEM OVER TO THE LOCAL MALL MANAGEMENT UPON COMPLETION OF CONSTRUCTION. 8 TENANT'S GENERAL CONTRACTOR SHALL ARRANGE AN ON-SITE MEETING WITH LOCAL MALL MANAGEMENT PRIOR TO STARTING ANY PORTION OF THE WORK. SUBSEQUENT TO LANDLORD'S CONSTRUCTION RELEASE
- 9. AFTER LANDLORD APPROVAL, ANY ADDITIONAL CHANGES OR MODIFICATIONS IN THE CONSTRUCTION DOCUMENTS OR TENANT IMPROVEMENTS MUST BE APPROVED BY THE LANDLORD IN WRITING. 10. CERTAIN LEASES STATE THE TENANT TAKES THE SPACE IN AN "AS IS CONDITION". ANY UPGRADES (IF POSSIBLE), PERFORMED TO THE SPACE TO ACCOMMODATE THE NEW TENANT WILL BE DONE BY THE TENANT AT THE TENANT'S EXPENSE. SOME TENANT WORK WILL BE REQUIRED TO BE COMPLETED BY LANDLORD APPROVED CONTRACTORS
- CONTRACTED BY THE TENANT'S GENERAL CONTRACTOR 11. IT IS SOLELY THE TENANT'S RESPONSIBILITY TO COMPLY WITH ANY AND ALL HANDICAP AND ADA REQUIREMENTS AS REQUIRED BY THE GOVERNING AUTHORITIES HAVING JURISDICTION OVER THIS. 12. TENANT MUST VERIFY THAT THERE ARE NO WOOD STUDS IN DEMISING WALLS AND IF SO, MUST COORDINATE WITH LANDLORD'S ON-SITE REPRESENTATIVE ALL REQUIRED MODIFICATIONS. ALL PARTITIONS SHALL BE OF METAL STUD
- 13. ANY PENETRATIONS OR MODIFICATIONS TO STRUCTURAL STEEL OR CONCRETE MUST BE COORDINATED WITH LOCAL I ANDI ORD AUTHORITY 14. ALL SAW CUTTING/CORING OF MALL FLOORING MUST BE COORDINATED WITH MALL ON-SITE REPRESENTATIVE PRIOR TO START OF CONSTRUCTION.
- 15. DO NOT CHANNEL SLAB ON UPPER LEVEL. CORE DRILL ONLY. 16. ALL FLOOR PENETRATIONS MUST BE SLEEVED AND SEALED LIQUID TIGHT 17. X-RAYS OF PROPOSED FLOOR AREA MAY BE REQUIRED PER MALL MANAGEMENT BY A LANDLORD APPROVED LICENSED X-RAY CONTRACTOR. VERIFY WITH MALL ON-SITE REPRESENTATIVE PRIOR TO THE START OF
- 18. NO SPEAKERS PERMITTED WITHIN 20'-0" OF THE LEASE LINE. SPEAKER FACES SHALL BE INSTALLED PERPENDICULAR TO THE STOREFRONT 19. EXISTING ITEMS TO REMAIN ARE SUBJECT TO LANDLORD REPRESENTATIVE'S APPROVAL. 20. ITEMS TO REMAIN ARE TO BE IN "LIKE NEW CONDITION". LANDLORD MAY REQUIRE REPAIR OR REPLACEMENT AT
- TENANT'S EXPENSE. 21. EXISTING UTILITIES NOT BEING "REUSED" MUST BE CAPPED/REMOVED PER MALL SPECS.

CONSTRUCTION

- 22. EXISTING EQUIPMENT NOT BEING "REUSED" MUST BE REMOVED PER MALL SPECS. 23. UTILITY UPGRADES (IF POSSIBLE) WILL BE AT TENANT'S EXPENSE WITH LANDLORD APPROVAL 24. PROVIDE ROLL DOWN TYPE OF WATERPROOF MEMBRANE IN ALL TOILET ROOMS UNDER FLOORING AND UP WALLS A MINIMUM OF 12". LANDLORD ON-SITE REPRESENTATIVE MUST INSPECT MEMBRANE PRIOR TO FLOORING INSTALLATION. 25. SUBMIT THREE (3) COPIES OF SPRINKLER CONTRACTOR'S PLAN FOR APPROVAL TO LANDLORD OR TENANT MAY NOT BE ALLOWED TO OPEN FOR BUSINESS.
- 26. THE GENERAL CONTRACTOR MUST CONTRACT WITH LANDLORD'S APPROVED SPRINKLER CONTRACTOR AT GENERAL CONTRACTOR'S EXPENSE 27. SHOW EXISTING AND RELOCATED SPRINKLER HEAD LOCATIONS WITH FINAL SUBMITTAL. 28. SUBMIT THREE (3) COPIES OF ORIGINAL SIGN MANUFACTURER'S COLORED SHOP DRAWINGS TO THE TENANT COORDINATOR FOR LANDLORD APPROVAL PRIOR TO THE FABRICATION/INSTALLATION OF SIGNAGE. 29. TENANT CONTRACTOR WILL REPAIR AND/OR REPAIR LANDLORD PROPERTY (NEUTRAL PIERS, BULKHEAD, REAR CORRIDOR, ETC.) DAMAGED DURING TENANT IMPROVEMENT AND COMPLETE LANDLORD'S PUNCH LIST ITEMS AS
- REQUIRED BY LOCAL MALL MANAGEMENT 30. TENANT STORE TILE TO EXTEND OUT TO LEASE LINE. 31. DEMISING PARTITIONS MUST BE COVERED WITH FIRE CODE TYPE "X" SHEETROCK AND FIRE TAPED. PROVIDE SHEETROCK ON DEMISING WALLS TIGHT TO DECK OR 1'-0" BELOW DECK (WHICHEVER IS APPLICABLE) AS REQUIRED BY
- 32. ALL SLAT WALL, WHERE ALLOWED, MUST BE BACKED BY 5/8" FIRE CODE TYPE "X" SHEETROCK. ELECTRICAL. PLUMBING OR FIRE PROTECTION PIPING OR EQUIPMENT. PROVIDE RIGID SEISMIC BRACING DETAIL 34. PROVIDE STRUCTURAL CALCULATIONS FOR THE STOREFRONT. FLOOR DESIGNED FOR 75LBS PER SQUARE FOOT. ALSO STRUCTURAL CALCULATIONS REQUIRED FOR STOCK SHELVING (IN STOCK ROOMS ONLY) SAFES, AND ANY OTHER HEAVY FOUIPMENT APPLICABLE. 35. NO DEMO MAY OCCUR UNTIL GENERAL CONTRACTOR MEETS WITH LANDLORD'S ON-SITE REPRESENTATIVE FOR ACM
- 36. TENANT STOREFRONT MUST BE SELF-SUPPORTED. STOREFRONT CANNOT BE SUSPENDED FROM MALL SOFFIT 37. WOOD BLOCKING, DECKING AND FRAMING IS ALLOWED ONLY BELOW THE CEILING LINE AND IF IT IS MILLED - STAMPED FIRE RETARDANT
- 39. TENANT IS LIABLE FOR COMPLIANCE WITH ALL REQUIREMENTS OF LANDLORD'S FIRE PROTECTION ENGINEERS DURING ORIGINAL CONSTRUCTION AND ALL SUBSEQUENT FIELD INSPECTIONS 40. LANDLORD CANNOT GUARANTEE THAT INTERNAL CHANGES HAVE NOT OCCURRED SINCE THESE PLANS HAVE BEEN PREPARED, IT THE RESPONSIBILITY OF THE TENANT'S.
- 41. ARCHITECT TO FIELD CHECK ALL DIMENSIONS AND CONDITIONS PRIOR TO AND DURING CONSTRUCTION. 42. ALL MATERIALS MUST MEET FLAME SPREADS OF LESS THAN 25 ON NON-SPRINKLER AREA ABOVE CEILING, 75 ON STOREFRONT AND 200 IN SPRINKLERED AREAS.

38. ALL RAISED PLATFORMS MUST BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS.

TO NEW ALL WOOD, ABANDONED CONDUITS, VAV BOXES, ETC. TO BE REMOVED BY TENANT

- 43. ALL CEILING MATERIAL MUST HAVE A CLASS "A" FIRE RATING. 44. FOR A REMODEL TENANT - ALL REUSED MATERIALS AND EQUIPMENT MUST BE REFURBISHED TO "LIKE NEW" 45. FOOD COURT TENANT - PROVIDE WATERPROOF MEMBRANE AND PERFORM WATER TEST. PER MALL REQUIREMENTS 46. LOWER LEVEL PHASE 1 TENANTS – (BETWEEN COLUMNS A-N) ABANDON WATER, POWER AND PHONE AND CONNECT
- 47. LOWER LEVEL TENANTS TOP OF STOREFRONTS MUST BE FINISHED TO MATCH STOREFRONT MATERIAL. PAINTED GYPSUM BOARD WILL NOT BE ALLOWED. 48. THEFT DETERRENT SYSTEMS MUST BE CONCEALED FROM PUBLIC VIEW. NO PEDESTAL TYPE ALLOWED.
- 49. WALL WHICH SUPPORT WALL SUPPORTS WALL MOUNTED FIXTURES OR SOFFITS MUST BE BRACED. 50 PATCH AND REPAIR ALL FIREPROOFING DAMAGED OR REMOVED DURING TI WORK. 51. LANDLORD'S RESPONSIBILITIES ARE DEFINED IN THE LEASE ONLY. 52. ALL PENETRATIONS THROUGH THE ROOF SHALL BE PERFORMED BY THE LANDLORD'S ROOFING CONTRACTOR AT
- TENANT'S EXPENSE. TENANT SHALL HAVE A STRUCTURAL ENGINEER REVIEW, DESIGN AND CERTIFY ALL NEW ROOF OPENING, FIREPROOF AS REQUIRED. 53. ALL WORK MUST BE PERFORMED PER THE CRITERIA AND AS INSTRUCTED BY THE LANDLORD'S ON SITE REP. 54. STOCK ROOM: SPECIFIC 4" HIGH VINYL LETTERS IN RED UNDERLINES AT 10'-6" AFF "DO NOT STORE ABOVE THIS LINE".
- 55. Tenant is permitted 1.5cfm per square foot from Landlord system. Must adjust drawings/schedules accordingly. 56. Tenant shall provide heating/cooling load calculations to mall management. 57. Tenant must provide 24" x 24" access panels. Coordinate with mall management on-site representative for location/placement prior
- 58. Tenant is required to connect to Landlord central fire alarm system and smoke evacuation system. 59. Sprinkler heads in gypsum board must be fully recessed with blow off caps; semi-recessed elsewhere 60. Provide floor drawing in toilet area with cleanout and exhaust fan

70. Provide signed structural calculations and details to support rooftop HVAC unit.

61. Relief valve drain for hot water heater must be piped to nearest drain 62. Lower level Tenants - Keep domestic water line in walls. Coordinate work with Landlord's on-site representative. 63. Panel loads shall be balanced within 10% 64. Submit two (2) copies of the air balancing report to on-site Operating Manager prior to opening of tenant space 65. Storefront lighting and signage to be on a 7day, 24 hour time clock operation.

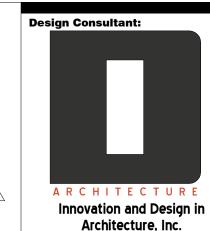
66. Tenant to provide NEW water sub meter, required in Cubic Feet. Mount either in wall with access panel or above with remote reader

- below. Must be easily accessible to mall personnel 67. Tenant must connect to Landlord's mechanical system. Coordinate work with Landlord's on-site rep. 68. Contractor to check plumbing lines before leaving site. All lines must be clear of debris. 69. All MEP plans: Review all LL requirements and install all materials and equipment as directed by LL's on-site rep.
- 71. Electrical service requested by Tenant is subject to approval by LL's on-site rep. 72. Tenant will confirm size of existing electrical service and ensure that it is satisfactory for the Tenant's conditions before work 73. All electrical transformers need to be hung at least 8' above floor per the Fire Department
- 74. Tenants are to submit (5) complete sets of plans to the City of Sacramento for FFP Program. (If project is a restaurant, submit 6 sets of plans. Restaurant tenants must submit to Fire, Structural, and Health all the same time). The title sheet of each plan set is to be electronically stamped by the Tenant Coordinator prior to city submittal. Plans are to be submitted to David Phillips at the City of Sacramento:
- David Phillips, Building Inspector City of Sacramento Community Development Department 300 Richards Blvd., 3rd Floor Sacramento, CA 95811-0218 Office phone: (916) 808-7435 Cell phone: (916) 718-7012 Fax: (916) 808-8370

Email: dphillips2@cityofsacramento.org

Mechanical, Electrical and Plumbing Sheets:

to the start of construction



GEOFFREY B. LIM

**Project Owner:** 





Issue For: **BUILDING 2ND SUBMITTAL** 

Issue Date: 04/20/2018

| REVI | SIONS             |        |
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| NO.  | REASON            | DAT    |
| 1    | Landlord Comments | 01/23/ |
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PROJECT MANAGER: Checker DRAWN BY: Author Project Address:

PRINCIPAL IN CHARG

GEN BBQ

SACRAMENTO 1689, Ardenway

Suite 1148 Sacramento CA 95815

Project Number:

145-001-17 Sheet Title:

**GENERAL NOTES** 

218 The Promenade North Long Beach, CA 90802 www.idaexperience.net AIA, NCARB, LEED AP Plans, maps, specifications, studies, and reports not containing a red ink seal imprint accompanied by an original signature by the licensed professional may have been fraudulently altered and shall not be considered an original copy. All information should be disregarded unless verified by the professional whose signature appears above. Copyright Protected 2018.



# WAIA CC 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE

# NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (INCLUDING JANUARY 1, 2017 ERRATA)

| CHART  | ED 2   |
|--|--|
| CHAPTI   | BUILDING   |
| SECTION  | 301 GENERAL  |
| the app<br>applica   | <b>OPE.</b> Buildings shall be designed to include the green building measures specified as mandatory in blication checklists contained in this code. Voluntary green building measures are also included in the tion checklists and may be included in the design and construction of structures covered by this code, not required unless adopted by a city, county, or city and county as specified in Section 101.7.   |
| individu<br>or grea<br>authori   | NRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC] The provisions of ual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet iter, and/or building alterations with a permit valuation of \$200,000 or above (for occupancies within the try of California Building Standards Commission). Code sections relevant to additions and alterations only apply to the portions of the building being added or altered within the scope of the permitted work.  |
| A code<br>constru<br>will be   | section will be designated by a banner to indicate where the code section only applies to newly acted building [N] or to additions and alterations [A]. When the code section applies to both, no banner used.   |
| \$   | 301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:   |
| 1<br>F<br>t<br>r   | <b>Note:</b> On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 <i>et seq.</i> for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.   |
| 3  | 301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.   |
| 301.4 PUBLI<br>301.5 HEAL  | C SCHOOLS AND COMMUNITY COLLEGES. (see GBSC) TH FACILITIES. (see GBSC)   |
| SECTION  | 302 MIXED OCCUPANCY BUILDINGS  |
|  | <b>ED OCCUPANCY BUILDINGS.</b> In mixed occupancy buildings, each portion of a building omply with the specific green building measures applicable to each specific occupancy.   |
|  | 303 PHASED PROJECTS  |
| 303.1 Pha  | used projects. For shell buildings and others constructed for future tenant improvements, only   |
| newly o  | code measures relevant to the building components and systems considered to be new construction (o constructed) shall apply.   |
| improve  | I Tenant improvements. The provisions of this code shall apply only to the initial tenant or occupant ements to a project. Subsequent tenant improvements shall comply with the scoping provisions in 301.3 non-residential additions and alterations.   |
| HCD D  | ATION DEFINITIONS: Department of Housing and Community Development California Building Standards Commission  |
| DSA-SS D<br>OSHPD C  | Division of the State Architect, Structural Safety Office of Statewide Health Planning and Development   |
| HR F   | ow Rise ligh Rise Additions and Alterations  |
|  | New  |
|  | ER 5<br>SIDENTIAL MANDATORY MEASURES   |
|  |  |
| DIVISIO  | N 5.1 PLANNING AND DESIGN 5.101 GENERAL  |
| 5.101.1 Scope  |  |
| responsible sit  |  |
| responsible sit environmental SECTION  | quality of the site and respect the integrity of adjacent properties.  5.102 DEFINITIONS   |
| responsible site environmental SECTION 5.102.1 DEFIN   | quality of the site and respect the integrity of adjacent properties.  5.102 DEFINITIONS   |
| responsible site environmental SECTION 5.102.1 DEFIN The following CUTOFF LUN numerically ex   | quality of the site and respect the integrity of adjacent properties.  5.102 DEFINITIONS NITIONS   |
| responsible site environmental SECTION 5.102.1 DEFIN The following CUTOFF LUN numerically ex 80 degrees ab LOW-EMITTIN   | 5.102 DEFINITIONS NITIONS terms are defined in Chapter 2 (and are included here for reference)  NINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not acceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of  |
| responsible site environmental SECTION 5.102.1 DEFIN The following CUTOFF LUN numerically ex 80 degrees ab LOW-EMITTIN Eligible vehicle 1. Zero vehionly 2. High   | 5.102 DEFINITIONS NITIONS Iterms are defined in Chapter 2 (and are included here for reference)  MINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not cover addr. This applies to all lateral angles around the luminaire.  NG AND FUEL EFFICIENT VEHICLES. es are limited to the following:  Demission vehicle (ZEV), including neighborhood electric vehicles (NEV), partial zero emission icle (PZEV), advanced technology PZEV (AT ZEV) or CNG fueled (original equipment manufacturer refliciency vehicles, regulated by U.S. EPA, bearing High-Occupancy Vehicle (HOV) car pool lane   |
| responsible site environmental SECTION 5.102.1 DEFIN The following CUTOFF LUN numerically ex 80 degrees ab LOW-EMITTIN Eligible vehicle 1. Zero vehi only 2. High stick  | 5.102 DEFINITIONS NITIONS terms are defined in Chapter 2 (and are included here for reference)  MINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not sceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of sove nadir. This applies to all lateral angles around the luminaire.  NG AND FUEL EFFICIENT VEHICLES. Les are limited to the following:  Deficiency vehicle (ZEV), including neighborhood electric vehicles (NEV), partial zero emission icle (PZEV), advanced technology PZEV (AT ZEV) or CNG fueled (original equipment manufacturer of regulated under Health and Safety Code section 43800 and CCR, Title 13, Sections 1961 and 1962. In-efficiency vehicles, regulated by U.S. EPA, bearing High-Occupancy Vehicle (HOV) car pool lane kers issued by the Department of Motor Vehicles.  COOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" on 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to  |
| responsible site environmental SECTION 5.102.1 DEFIN The following CUTOFF LUN numerically ex 80 degrees ab LOW-EMITTIN Eligible vehicle 1. Zerovehiconly 2. Higg stick   | S.102 DEFINITIONS NITIONS Iterms are defined in Chapter 2 (and are included here for reference)  MINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not sceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of sove nadir. This applies to all lateral angles around the luminaire.  NG AND FUEL EFFICIENT VEHICLES. Les are limited to the following:  Demission vehicle (ZEV), including neighborhood electric vehicles (NEV), partial zero emission icle (PZEV), advanced technology PZEV (AT ZEV) or CNG fueled (original equipment manufacturer of) regulated under Health and Safety Code section 43800 and CCR, Title 13, Sections 1961 and 1962. The efficiency vehicles, regulated by U.S. EPA, bearing High-Occupancy Vehicle (HOV) car pool lane kers issued by the Department of Motor Vehicles.  CODD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" on 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to vehicle standards.  CUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanen  |
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Spill prevention and control.

Management of washout areas (concrete, paints, stucco, etc.). . Control of vehicle/equipment fueling to contractor's staging area.

Other housekeeping BMP acceptable to the enforcing agency.

. Vehicle and equipment cleaning performed off site.

|   | 5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2 |
|---|--|
| I | 5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter.   |

5.106.4.1.1 Short-term bicycle parking. If the project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack. Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.

5.106.4.1.2 Long-term bicycle parking. For new buildings with 10 or more tenant-occupants or for additions or alterations that add 10 or more tenant-occupants or for additions or alterations that add 10 or more tenant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicle parking spaces being added, with a minimum of one space. Acceptable parking facilities shall be convenient from the street and shall meet one of the following:

1. Covered, lockable enclosures with permanently anchored racks for bicycles; 2. Lockable bicycle rooms with permanently anchored racks; or

Lockable, permanently anchored bicycle lockers. Note: Additional information on recommended bicycle accommodations may be obtained from

Sacramento Area Bicycle Advocates.

5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently

accessed with a minimum of four two-bike capacity racks per new building. 5.106.4.2.2 Staff bicycle parking. Provide permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following:

 Covered, lockable enclosures with permanently anchored racks for bicycles; 2. Lockable bicycle rooms with permanently anchored racks; or Lockable, permanently anchored bicycle lockers.

5.106.5.2 DESIGNATED PARKING FOR CLEAN AIR VEHICLES. In new projects or additions or alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as follows:

| TOTAL NUMBER OF PARKING SPACES | NUMBER OF REQUIRED SPACES |
|--------------------------------|---------------------------|
| 0-9                            | 0                         |
| 10-25                          | 1                         |
| 25-50                          | 3                         |
| 51-75                          | 6                         |
| 76-100                         | 8                         |
| 101-150                        | 11                        |
| 151-200                        | 16                        |
| 201 AND OVER                   | AT LEAST 8% OF TOTAL      |

5.106.5.2.1 - Parking stall marking. Paint, in the paint used for stall striping, the following characters such that the lower edge of the last word aligns with the end of the stall striping and is visible beneath a parked vehicle: CLEAN AIR / VAN POOL / EV

Note: Vehicles bearing Clean Air Vehicle stickers from expired HOV lane programs may be considered eligible for designated parking spaces.

5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When EVSE(s) is/are installed, it shall be in accordance with the California Building Code, the California Energy Commission (CEC) and as follows:

5.106.5.3.1 Single charging space requirements. [N] When only a single charging space is required per Table 5.106.5.3.3. a raceway is required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code. Construction plans and specifications shall include, but are not limited to, the following:

The type and location of the EVSE.

TABLE FACE O DADIZINO

2. A listed raceway capable of accommodating a 208/240 -volt dedicated branch circuit.

3. The raceway shall not be less than trade size 1." 4. The raceway shall originate at a service panel or a subpanel serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and listed suitable cabinet, box, enclosure or equivalent

5. The service panel or subpanel shall have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the future installation of the EVSE.

5.106.5.3.2 Multiple charging space requirements. [N] When multiple charging spaces are required per Table 5.106.5.3.3 raceway(s) is/are required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.

2. The raceway(s) shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into listed suitable cabinet(s), box(es), enclosure(s) or equivalent.

4. Electrical calculations shall substantiate the design of the electrical system, to include the rating of equipment and any on-site distribution transformers and have sufficient capacity to simultaneously charge all required EVs at its full rated amperage. 5. The service panel or subpanel(s) shall have sufficient capacity to accommodate the

required number of dedicated branch circuit(s) for the future installation of the EVSE. 5.106.5.3.3 EV charging space calculations. [N] Table 5.106.5.3.3 shall be used to determine if

3. Plan design shall be based upon 40-ampere minimum branch circuits.

single or multiple charging space requirements apply for the future installation of EVSE.

Exceptions: On a case-by-case basis where the local enforcing agency has determined EV charging and infrastructure is not feasible based upon one or more of the following conditions:

1. Where there is insufficient electrical supply.

2. Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the

| TOTAL NUMBER OF PARKING SPACES | NUMBER OF REQUIRED SPACES |
|--------------------------------|---------------------------|
| 0-9                            | 0                         |
| 10-25                          | 1                         |
| 36-50                          | 2                         |
| 51-75                          | 4                         |
| 76-100                         | 5                         |
| 101-200                        | 7                         |
| 201 AND OVER                   | 6% of total <sup>1</sup>  |

1. Calculation for spaces shall be rounded up to the nearest whole number.

5.106.5.3.4 [N] Identification. The service panel or subpanel(s) circuit directory shall identify the reserved overcurrent protective device space(s) for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".

5.106.5.3.5 [N] Future charging spaces qualify as designated parking as described in Section 5.106.5.2 Designated parking for clean air vehicles.

1. The California Department of Transportation adopts and publishes the California Manual on Uniform Traffic Control Devices (California MUTCD) to provide uniform standards and specifications for all official traffic control devices in California. Zero Emission Vehicle Signs and Pavement Markings can be found in the New Policies & Directives number 13-01. www.dot.ca.gov/hq/traffops/policy/13-01.pdf.

2. See Vehicle Code Section 22511 for EV charging spaces signage in off-street parking facilities and for use of EV charging spaces. 3. The Governor's Office of Planning and Research published a Zero-Emission Vehicle Community Readiness Guidebook which provides helpful information for local governments,

5.106.8 LIGHT POLLUTION REDUCTION. [N] Outdoor lighting systems shall be designed and installed to comply

1. The minimum requirements in the California Energy Code for Lighting Zones 1-4 as defined in Chapter 10 of the California Administrative Code; and

2. Backlight, Uplight and Glare (BUG) ratings as defined in IES TM-15-11; and 3. Allowable BUG ratings not exceeding those shown in Table 5.106.8, or Comply with a local ordinance

residents and businesses. www.opr.ca.gov/docs/ZEV\_Guidebook.pdf.

lawfully enacted pursuant to Section 101.7, whichever is more stringent.

- Luminaires that qualify as exceptions in Section 140.7 of the California Energy Code.
- Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6. 4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.

Note: [N] See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water

include, but are not limited to, the following:

- Water collection and disposal systems. Water retention garden:
- 5. Other water measures which keep surface water away from buildings and aid in groundwater

**Exception:** Additions and alterations not altering the drainage path.

ABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS 1.

| ALLOWABLE RATING   | LIGHTING ZONE<br>1 | LIGHTING ZONE<br>2 | LIGHTING ZONE<br>3 | LIGHTING ZONE 4 |
|--|--------------------|--------------------|--------------------|-----------------|
| MAXIMUM ALLOWABLE<br>BACKLIGHT RATING 3                              |                    |                    |                    |                 |
| Luminaire greater than 2 mounting heights (MH) from property line    | No Limit           | No Limit           | No Limit           | No Limit        |
| Luminaire back hemisphere is 1-2<br>MH from property line            | B2                 | В3                 | B4                 | B4              |
| Luminaire back hemisphere is 0.5-1 MH from property line             | B1                 | B2                 | В3                 | В3              |
| Luminaire back hemisphere is less than 0.5 MH from property line     | ВО                 | В0                 | B1                 | B2              |
| MAXIMUM ALLOWABLE<br>UPLIGHT RATING                                  |                    |                    |                    |                 |
| For area lighting 4  | U0                 | U0                 | U0                 | UO              |
| For all other outdoor<br>lighting,including decorative<br>luminaires | U1                 | U2                 | U3                 | U4              |
| MAXIMUM ALLOWABLE GLARE RATING 5                                     |                    |                    |                    |                 |
| Luminaire greater than 2 MH from property line                       | G1                 | G2                 | G3                 | G4              |
| Luminaire front hemisphere is 1-2<br>MH from property line           | G0                 | G1                 | G1                 | G2              |
| Luminaire front hemisphere is 0.5-1 MH from property line            | G0                 | G0                 | G1                 | G1              |
| Luminaire back hemisphere is less than 0.5 MH from property line     | G0                 | G0                 | G0                 | G1              |

IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the California Energy Code and Chapter 10 of the Callifornia Administrative Code.

2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.

3. If the nearest property line is less than or equal to two mounting heights from the back hemisphere of the luminaire distribution, the applicable reduced Backlight rating shall be met.

4. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires located in these areas shall meet *U*-value limits for "all other outdoor lighting". 5. If the nearest property line is less than or equal to two mounting heights from the front hemisphere of the luminaire distribution, the applicable reduced Glare rating shall be met.

#### **DIVISION 5.2 ENERGY EFFICIENCY**

**SECTION 5.201 GENERAL** 

5.201.1 Scope [BSC-CG]. California Energy Code [DSA-SS]. For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION SECTION 5.301 GENERAL

5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors

**SECTION 5.302 DEFINITIONS** 5.302.1 Definitions. The following terms are defined in Chapter 2 (and are included here for reference)

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which ae two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least as effective as the MWELO.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic puroses, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. A meter installed subordinate to a site meter. Usually used to measure water intended for one purpose, such as landscape irrigation. For the purposes of CALGreen, a dedicated meter may be considered a submeter.

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape

**SECTION 5.303 INDOOR WATER USE** 5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

- 1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.
- 2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the
- a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s). Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s). c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day. 5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and

urinals) and fittings (faucets and showerheads) shall comply with the following: 5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals. The effective flush volume of urinals shall not exceed 0.5 gallons per flush.

5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 2.0 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA VaterSense Specification for Showerheads.

**5.303.3.3.2 Multiple showerheads serving one shower.** When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 2.0 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.

Note: A hand-held shower shall be considered a showerhead.

#### 5.303.3.4 Faucets and fountains.

5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle. 5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve

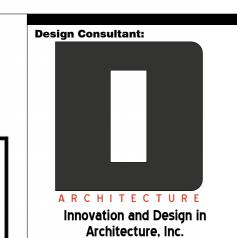
#### 5.303.4 COMMERCIAL KITCHEN EQUIPMENT.

5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.

Note: This code section does not affect local jurisdiction authority to prohibit or require disposer

5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.

5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.



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#### **Project Owner:**





**BUILDING 2ND SUBMITTAL** 

## 04/20/2018

DATE REASON

PROJECT MANAGER:

Project Address: GEN BBQ

SACRAMENTO

1689, Ardenway Suite 1148 Sacramento CA 95815

Project Number: 145-001-17

**Sheet Title:** 

CALIFORNIA GREEN **BUILDING STANDARDS** 

CS400

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# WAIAICC 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (INCLUDING JANUARY 1, 2017 ERRATA)

INSPECTOR SIGNOFF SECTION 5.408 CONSTRUCTION WASTE REDUCTION. DISPOSAL AND SECTION 5.304 OUTDOOR WATER USE 5.304.1 SCOPE. The provisions of Section 5.304, Outdoor Water Use reference the mandatory Model Water Efficiency Landscape Ordinance (MWELO) contained within Chapter 2.7, Division 2, Title 23, California Code of 5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent 5.304.2 OUTDOOR WATER USE IN LANDSCAPE AREAS EQUAL TO OR GREATER THAN 500 SQUARE FEET. When water is used for outdoor irrigation for new construction projects with an aggregate landscape area equal to or 5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and greater than 500 square feet requiring a building or landscape permit, plan check or design review, one of the following demolition waste management ordinance, submit a construction waste management plan that: . Identifies the construction and demolition waste materials to be diverted from disposal by efficient 1. A local water efficient landscape ordinance that is, based on evidence in the record, at least as effective in usage, recycling, reuse on the project or salvage for future use or sale. conserving water as the updated model ordinance adopted by the Department of Water Resouces (DWR) 2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or per Government Code Section 65595(c). 2. The California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) Identifies diversion facilities where construction and demolition waste material collected will be taken. Specifies that the amount of construction and demolition waste materials diverted shall be calculated commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations. by weight or volume, but not by both. 5.304.3 OUTDOOR WATER USE IN REHABILITATED LANDSCAPE PROJECTS EQUAL TO OR GREATER THAN 5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable **2,500 SQUARE FEET.** Rehabilitated landscape project with an aggregate landscape area equal to or greater than documentation that the percentage of construction and demolition waste material diverted from the landfill 2.500 square feet requiring a building or landscape permit, plan check, or design review shall comply with Section Note: The owner or contractor shall make the determination if the construction and demolition waste material 5.304.4 OUTDOOR WATER USE IN LANDSCAPE AREAS OF 2,500 SQUARE FEET OR LESS. Any project with will be diverted by a waste management company. an aggregate area of 2,500 square feet of less may comply with the performance requirements of MWELO or conformance requir to the prescriptive compliance measures contained in MWELO's Appendix D. Exceptions to Sections 5.408.1.1 and 5.408.1.2: 5.304.5 GRAYWATER OR RAINWATER USE IN LANDSCAPE AREAS. For projects using treated or untreated graywater or rainwater captured on site, any lot or parcet within the project that has less than 2.500 square feet of Excavated soil and land-clearing debris. 2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle andscape and meets the lot or parcel's landscape water requirement (Estimate Total Water Use) entirely with treated facilities capable of compliance with this item do not exist. or untreated graywater or through stored rainwater captured on site is subject only to Appendix D Section (5). 3. Demolition waste meeting local ordinance or calculated in consideration of load recycleing facilities 1. DWR's Model Water Efficient Landscape Ordinance, definitions and supporting documents are available at 5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requiremen 2. A water budget calculator is available at the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance 5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1. through 5.408.1.3. The waste management plan shall be updated as 3. The MWELO prescriptive compliance measure Appendix D may be found at the following link: http://water.ca.gov/wateruseefficiency/landscapeordinance/ necessary and shall be accessible during construction for examination by the enforcing agency In addition, a copy of MWELO Appendix D may be found in Chapter 8 of this code. 5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS [DSA-SS]. For public schools and 1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the located at www.bsc.ca.gov/Home/CALGreen.aspx may be used to assist in documenting compliance California Department of Water Resoucres Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7. Division 2. Title 23. California Code of Regulations, except that the evapotranspiration 2. Mixed construction and demolition debris processors can be located at the California Department of adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35 Resources Recycling and Recovery (CalRecycle). Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the 5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping prescriptive measures contained in Appendix D of MWELO. provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited 5.304.6.1 Newly constructed landscapes. [DSA-SS] New construction projects with an aggregate landscape Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Wast area equal to or greater than 500 square feet materials shall be included in the construction documents. 5.304.6.2 Rehabilitated landscapes. [DSA-SS] Rehabilitated landscape projects with an aggregate Note: Refer to the Universal Waste Rule link at: landscape area equal to or greater than 1,200 square feet. http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/OEAR-A\_REGS\_UWR\_FinalText.pdf 5.304.3 IRRIGATION DESIGN. In new nonresidential construction with at least 1.000 but not more than 2.500 square 5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated feet of cumulative landscaped area (the level at which the MWELO applies), install irrigation controllers and sensors vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such which include the following criteria, and meet manufacturer's recommendations. material may be stockpiled on site until the storage site is developed 5.304.3.1 Irrigation controllers. Automatic irrigation system controllers installed at the time of final inspection Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation. shall comply with the following: . Controllers shall be weather- or soil moisture-based controllers that automatically adjust irrigation in response to changes in plants' needs as weather conditions change. If contamination by disease or pest infestation is suspected, contact the County Agricultural. 2. Weather-based controllers without integral rain sensors or communication systems that account for Commissioner and follow its direction for recycling or disposal of the material. local rainfall shall have a separate wired or wireless rain sensor which connects or communicates 2. For a map of know pest and/or disease quarantine zones, consult with the California Department of with the controller(s). Soil moisture-based controllers are not required to have rain sensor input. Note: More information regarding irrigation controller function and specifications is available from the Irrigation Association. SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS 5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling **EFFICIENCY** Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seg. shall also be exempt from the organic waste portion of this section. SECTION 5.401 GENERAL 5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource 5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of resulting in an increase of 30% or more in floor area, shall provide recycling areas on site. echniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting. Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor **SECTION 5.402 DEFINITIONS** 5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference) 5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust Division 30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act). BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the according to design quantities BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction 5.410.2 COMMISSIONING. [N] For new buildings 10.000 square feet and over, building commissioning shall be process, including verifying and documenting that building systems and components are planned, designed, installed, included in the design and construction processes of the building project to verify that the building systems and ested, operated and maintained to meet the owner's project requirements. components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. All ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food occupancies other than I-occupancies and L-occupancies shall comply with the California Energy Code as prescribed in California Energy Code Section 120.8. For I-occupancies that are not regulated by OSHPD or for I-occupancies soiled paper waste that is mixed in with food waste. and L-occupancies that are not regulated by the California Energy Code Section 100.0 Scope, all requirements in FEST. A procedure to determine quantitative performance of a system or equipment Sections 5.410.2 through 5.410.2.6 shall apply. SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT Commissioning requirements shall include: 5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403.2 (Weather Protection) and California Energy Code Section 150, (Mandatory 1. Owner's or Owner representative's project requirements. Features and Devices), manufacturer's installation instructions or local ordinance, whichever is more stringent. Commissioning measures shown in the construction documents. 5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods. Commissioning plan. 5. Functional performance testing. 5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures. Documentation and training. Commissioning report. **5.407.2.2 Entries and openings.** Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows: 5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water 1. Unconditioned warehouses of any size. 2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular t such openings plus at least one of the following: Tenant improvements less than 10,000 square feet as described in Section 303.1.1. An installed awning at least 4 feet in depth. 4. Open parking garages of any size, or open parking garage areas, of any size, within a structure. . The door is protected by a roof overhang at least 4 feet in depth. . The door is recessed at least 4 feet. Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not Other methods which provide equivalent protection. provide heating and or air conditioning. **5.407.2.2.2 Flashing.** Install flashings integrated with a drainage plane. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for

5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following: Environmental and sustainability goals. Energy efficiency goals. Indoor environmental quality requirements. 4. Project program, including facility functions and hours of operation, and need for after hours Equipment and systems expectations. 6. Building occupant and operation and maintenance (O&M) personnel expectations. 5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall Heating, ventilation, air conditioning (HVAC) systems and controls. Indoor lighting system and controls. Water heating system. Renewable energy systems. Water reuse systems. 5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following: General project information. Commissioning goals.
 Systems to be commissioned. Plans to test systems and components shall include: a. An explanation of the original design intent.b. Equipment and systems to be tested, including the extent of tests. Functions to be tested. d. Conditions under which the test shall be performed. e. Measurable criteria for acceptable performance. Commissioning team information. 5. Commissioning process activities, schedules and responsibilities. Plans for the completion of ommissioning shall be included. 5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustment 5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations. 5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following: 1. Site information, including facility description, history and current requirements Site contact information. 3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log. Maior systems. Site equipment inventory and maintenance notes 6. A copy of verifications required by the enforcing agency or this code. 7. Other resources and documentation, if applicable. 5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following: 1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces). 2. Review and demonstration of servicing/preventive maintenance Review of the information in the Systems Manual. Review of the record drawings on the system/equipment. 5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or 5.410.4 TESTING AND ADJUSTING. Testing and adjusting of systems shall be required for buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1. **5.410.4.2 Systems.** Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project: 1. HVAC systems and controls Indoor and outdoor lighting and controls. 3. Water heating systems. Renewable energy systems Landscape irrigation systems. 6. Water reuse systems. 5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system 5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency. 5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services. 5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related 5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required

DIVISION 5.5 ENVIRONMENTAL QUALITY 5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors 218 The Promenade North Long Beach, CA 90802 www.idaexperience.net 5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference) ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route. A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting 1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 320 Fahrenheit. COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn. COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a). Note: See CCR, Title 17, Section 93120.1. DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.). DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure sound power, sound intensity) with respect to a reference quantity. ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the California Electrical Code, off-road, self-propoelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included. ELECTRIC VEHICLE CHARGING STATION(S) (EVCSj). One or more spaces intended for charging electric vehicles. ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle. ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections. FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections. GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995): or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14. HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009). LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that; (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009). MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2-1999. MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base Reactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundreths of a gram (g O3/g ROC). PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging). PSIG. Pounds per square inch, guage. REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere. SCHRADER ACCESS VALVES. Access fittings with a valve core installed. SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter. SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a) PRINCIPAL IN CHARGE Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question. SECTION 5.503 FIREPLACES 5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances. GEN BBQ 5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. SECTION 5.504 POLLUTANT CONTROL 5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if CA 95815 necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999. or an average efficiency of 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction. 5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of Sheet Title: rough installation, or during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape,

plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and

debris which may collect in the system.

Innovation and Design in Architecture, Inc.

GEOFFREY B. LIM AIA, NCARB, LEED AP

Plans, maps, specifications, studies, and reports not containing raudulently altered and shall not be considered an original . All information should be disregarded unless verified by

Project Owner:





**BUILDING 2ND SUBMITTAL** 

DATE

04/20/2018

REASON

PROJECT MANAGER:

Project Address:

SACRAMENTO

1689, Ardenway Suite 1148 Sacramento

Project Number:

145-001-17

CALIFORNIA GREEN **BUILDING STANDARDS** 

qualifications of commissioning personnel. AC 476 des not certify individuals to conduct functional

2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls

performance tests or to adjust and balance systems.

must be performed in compliance with the California Energy Code.



# 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE

# NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (INCLUDING JANUARY 1, 2017 ERRATA)

|   |  | INSPECTOR<br>SIGNOFF |   |
|---|--|----------------------|---|
| .504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materia  | als shall comply with Sections 5.504   |                      | TABLE 5.504.4.3 -                                     |
| .504.4.6.   | -tdlld thlt  | aball mass           | COATINGS <sub>2,3</sub>                               |
| 5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealar<br>the requirements of the following standards:                               |  | -12-2                | GRAMS OF VOC PER LITER                                |
| <ol> <li>Adhesives, adhesive bonding primers adhesive primer<br/>comply with local or regional air pollution control or air qu</li> </ol> | ality management district rules whe  | ere                  | со  |
| applicable, or SCAQMD Rule 1168 VOC limits, as shown products also shall comply with the Rule 1168 prohibition                            | on the use of certain toxic compou   | unds                 | FLAT COATINGS   |
| (chloroform, ethylene dichloride, methylene chloride, pero<br>aerosol products as specified in subsection 2, below.                       | chloroethylene and trichloroethylene   | e), except for       | NONFLAT COATINGS                                      |
| Aerosol adhesives, and smaller unit sizes of adhesive   | es and sealant or caulking compou  | unds (in             | NONFLAT HIGH GLOSS                                    |
| units of product, less packaging, which do not weigh more   | e than one pound and do not consis   | st of more           | SPECIALTY COATINGS                                    |
| than 16 fluid ounces) shall comply with statewide VOC st<br>prohibitions on use of certain toxic compounds, of <i>Califor</i>             | andards and other requirements, in<br>nia Code of Regulations, Title 17, c   | commencing           | BASEMENT SPECIALTY                                    |
| with Section 94507.   |  |                      | BITUMINOUS ROOF CO                                    |
| TABLE 5.504.4.1 - ADHESIVE VOC LIN  | 1IT <sub>1,2</sub>   |                      | BITUMINOUS ROOF PR<br>BOND BREAKERS                   |
| Less Water and Less Exempt Compounds in Grams p   | per Liter  |                      | CONCRETE CURING C                                     |
| ARCHITECTURAL APPLICATIONS  | CURRENT VOC LIMIT  |                      | CONCRETE/MASONRY                                      |
| INDOOR CARPET ADHESIVES   | 50   |                      | DRIVEWAY SEALERS                                      |
| CARPET PAD ADHESIVES  | 50   |                      | DRY FOG COATINGS                                      |
| OUTDOOR CARPET ADHESIVES  | 150  |                      | FAUX FINISHING COAT                                   |
| WOOD FLOORING ADHESIVES   | 100  |                      | FIRE RESISTIVE COAT                                   |
| RUBBER FLOOR ADHESIVES  | 60   |                      | FLOOR COATINGS  |
| SUBFLOOR ADHESIVES  | 50   |                      | FORM-RELEASE COMP                                     |
| CERAMIC TILE ADHESIVES  | 65   |                      | GRAPHIC ARTS COATI                                    |
| VCT & ASPHALT TILE ADHESIVES  | 50   |                      | HIGH-TEMPERATURE                                      |
| DRYWALL & PANEL ADHESIVES   | 50   |                      | INDUSTRIAL MAINTEN                                    |
| COVE BASE ADHESIVES   | 50   |                      | LOW SOLIDS COATING                                    |
| MULTIPURPOSE CONSTRUCTION ADHESIVES   | 70   |                      | MAGNESITE CEMENT                                      |
| STRUCTURAL GLAZING ADHESIVES  | 100  |                      | MASTIC TEXTURE COA                                    |
| SINGLE-PLY ROOF MEMBRANE ADHESIVES  | 250  |                      | METALLIC PIGMENTED                                    |
| OTHER ADHESIVES NOT SPECIFICALLY LISTED   | 50   |                      | MULTICOLOR COATING                                    |
| SPECIALTY APPLICATIONS  |  |                      | PRETREATMENT WASI                                     |
| PVC WELDING   | 510  |                      | PRIMERS, SEALERS, &                                   |
| CPVC WELDING  | 490  |                      | REACTIVE PENETRATI                                    |
| ABS WELDING   | 325  |                      | RECYCLED COATINGS                                     |
| PLASTIC CEMENT WELDING  | 250  |                      | ROOF COATINGS   |
| ADHESIVE PRIMER FOR PLASTIC   | 550  |                      | RUST PREVENTATIVE                                     |
| CONTACT ADHESIVE  | 80   |                      | SHELLACS:   |
| SPECIAL PURPOSE CONTACT ADHESIVE  | 250  |                      | CLEAR   |
| STRUCTURAL WOOD MEMBER ADHESIVE   | 140  |                      | OPAQUE  |
| TOP & TRIM ADHESIVE   | 250  |                      | SPECIALTY PRIMERS,                                    |
| SUBSTRATE SPECIFIC APPLICATIONS   |  |                      | STAINS  |
| METAL TO METAL  | 30   |                      | STONE CONSOLIDANT                                     |
| PLASTIC FOAMS   | 50   |                      | SWIMMING POOL COA                                     |
| POROUS MATERIAL (EXCEPT WOOD)   | 50   |                      | TRAFFIC MARKING CO                                    |
| WOOD  | 30   |                      | TUB & TILE REFINISH (                                 |
| FIBERGLASS  | 80   |                      | WATERPROOFING ME                                      |
|   |  |                      | WOOD COATINGS   |
| 1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR  | [18] [18] [18] [18] [18] [18] [18] [18]  |                      | WOOD COATINGS  WOOD PRESERVATIVE                      |
| THE ADHESIVE WITH THE HIGHEST VOC CONTE   | NT SHALL BE ALLOWED.   |                      | ZINC-RICH PRIMERS                                     |
| <ol><li>FOR ADDITIONAL INFORMATION REGARDING<br/>THE VOC CONTENT SPECIFIED IN THIS TABLE, S</li></ol>                                     |  |                      | GRAMS OF VOC PER LIT                                  |
| QUALITY MANAGEMENT DISTRICT RULE 1168,  | LL GOOTH GOAGT AIR   |                      | 2. THE SPECIFIED LIMITS F                             |
| www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF  |  |                      | THE TABLE.  3. VALUES IN THIS TABLE                   |
|   |  |                      | ARCHITECTURAL COATING                                 |
| TABLE 5 504 4 0 DEAL ANTI-VOOL 1911   |  |                      | FROM THE AIR RESOURCE                                 |
| TABLE 5.504.4.2 - SEALANT VOC LIMI  | and the second s |                      | 5.504.4.3.2 Verifi                                    |
| Less Water and Less Exempt Compounds in Grams p   |  |                      | the enforcing age<br>1. Manufa                        |
| SEALANTS  | CURRENT VOC LIMIT  |                      | 2. Field ve   |
| ARCHITECTURAL   | 250  |                      | 5.504.4.4 Carpet System                               |
| MARINE DECK   | 760  |                      | product requirements:                                 |
| NONMEMBRANE ROOF  | 300  |                      | Carpet and Ru     Compliant with                      |
| ROADWAY   | 250  |                      | Department of Chemical Emi                            |
| SINGLE-PLY ROOF MEMBRANE  | 450  |                      | 2010 (also kn   |
| OTHER   | 420  |                      | NSF/ANSI 140     Scientific Cert                      |
| SEALANT PRIMERS   |  |                      | <ol> <li>Compliant with<br/>Interpretation</li> </ol> |
| ARCHITECTURAL   | 10001  |                      | Performance   |
| NONPOROUS   | 250  |                      | 5.504.4.4.1   |

| Less Water and Less Exempt Compounds in | Grams per Liter   |
|---|-------------------|
| SEALANTS                                | CURRENT VOC LIMIT |
| ARCHITECTURAL                           | 250               |
| MARINE DECK                             | 760               |
| NONMEMBRANE ROOF                        | 300               |
| ROADWAY                                 | 250               |
| SINGLE-PLY ROOF MEMBRANE                | 450               |
| OTHER                                   | 420               |
| SEALANT PRIMERS                         |                   |
| ARCHITECTURAL                           |                   |
| NONPOROUS                               | 250               |
| POROUS                                  | 775               |
| MODIFIED BITUMINOUS                     | 500               |
| MARINE DECK                             | 760               |
| OTHER                                   | 750               |

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

| GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS |                   |  |  |  |
|---|-------------------|--|--|--|
| COATING CATEGORY  | CURRENT VOC LIMIT |  |  |  |
| FLAT COATINGS   | 50                |  |  |  |
| NONFLAT COATINGS  | 100               |  |  |  |
| NONFLAT HIGH GLOSS COATINGS   | 150               |  |  |  |
| SPECIALTY COATINGS  |                   |  |  |  |
| ALUMINUM ROOF COATINGS  | 400               |  |  |  |
| BASEMENT SPECIALTY COATINGS   | 400               |  |  |  |
| BITUMINOUS ROOF COATINGS  | 50                |  |  |  |
| BITUMINOUS ROOF PRIMERS   | 350               |  |  |  |
| BOND BREAKERS   | 350               |  |  |  |
| CONCRETE CURING COMPOUNDS   | 350               |  |  |  |
| CONCRETE/MASONRY SEALERS  | 100               |  |  |  |
| DRIVEWAY SEALERS  | 50                |  |  |  |
| DRY FOG COATINGS  | 150               |  |  |  |
| FAUX FINISHING COATINGS   | 350               |  |  |  |
| FIRE RESISTIVE COATINGS   | 350               |  |  |  |
| FLOOR COATINGS  | 100               |  |  |  |
| FORM-RELEASE COMPOUNDS  | 250               |  |  |  |
| GRAPHIC ARTS COATINGS (SIGN PAINTS)                                   | 500               |  |  |  |
| HIGH-TEMPERATURE COATINGS   | 420               |  |  |  |
| INDUSTRIAL MAINTENANCE COATINGS                                       | 250               |  |  |  |
| LOW SOLIDS COATINGS1  | 120               |  |  |  |
| MAGNESITE CEMENT COATINGS   | 450               |  |  |  |
| MASTIC TEXTURE COATINGS   | 100               |  |  |  |
| METALLIC PIGMENTED COATINGS   | 500               |  |  |  |
| MULTICOLOR COATINGS   | 250               |  |  |  |
| PRETREATMENT WASH PRIMERS   | 420               |  |  |  |
| PRIMERS, SEALERS, & UNDERCOATERS                                      | 100               |  |  |  |
| REACTIVE PENETRATING SEALERS  | 350               |  |  |  |
| RECYCLED COATINGS   | 250               |  |  |  |
| ROOF COATINGS   | 50                |  |  |  |
| RUST PREVENTATIVE COATINGS  | 250               |  |  |  |
| SHELLACS:   |                   |  |  |  |
| CLEAR   | 730               |  |  |  |
| OPAQUE  | 550               |  |  |  |
| SPECIALTY PRIMERS, SEALERS & UNDERCOATERS                             | 100               |  |  |  |
| STAINS  | 250               |  |  |  |
| STONE CONSOLIDANTS  | 450               |  |  |  |
| SWIMMING POOL COATINGS  | 340               |  |  |  |
| TRAFFIC MARKING COATINGS  | 100               |  |  |  |
| TUB & TILE REFINISH COATINGS  | 420               |  |  |  |
| WATERPROOFING MEMBRANES   | 250               |  |  |  |
| WOOD COATINGS   | 275               |  |  |  |
| WOOD PRESERVATIVES  | 350               |  |  |  |
| ZINC-RICH PRIMERS   | 340               |  |  |  |

VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, RCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE OM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following: Manufacturer's product specification 2. Field verification of on-site product containers

.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet at least one of the testing and

- . Carpet and Rug Institute's Green Label Plus Program.
- Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as CDPH Standard Method V1.1 or Specification 01350).
- 3. NSF/ANSI 140 at the Gold level or higher;
- 4. Scientific Certifications Systems Sustainable Choice; or 5. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7.0 and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High
- 5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label program.

5.504.4.12 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table

> 5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

- Product certifications and specifications.
- . Chain of custody certifications. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR. Title 17, Section 93120, et seq.).
- 4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S
- Other methods acceptable to the enforcing agency.

| MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER M | ILLION        |
|---|---------------|
| PRODUCT                                       | CURRENT LIMIT |
| HARDWOOD PLYWOOD VENEER CORE                  | 0.05          |
| HARDWOOD PLYWOOD COMPOSITE CORE               | 0.05          |
| PARTICLE BOARD                                | 0.09          |
| MEDIUM DENSITY FIBERBOARD                     | 0.11          |
| THIN MEDIUM DENSITY FIBERBOARD2               | 0.13          |

5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed

- Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;
- 4. Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools

materials meet the pollutant emission limits.

1. An ASHRAE 10% to 15% efficiency filter shall be permitted for an HVAC unit meeting the 2013 delivery system is 0.4 W/cfm or less at design air flow. Existing mechanical equipment.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city. county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

CCR. Title 24, Part 2, Sections 1203 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures not applicable to low-rise residential occupancies, see Section 5.407.2 of this code.

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local

5.506.2 CARBON DIOXIDE (CO2) MONITORING. For buildings or additions equipped with demand control ventilation, CO<sub>2</sub> sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

#### SECTION 5.507 ENVIRONMENTAL COMFORT

5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

- a. Ldn or CNEL for military airports shall be determined by the facility Air Installation Compatible
- b. Ldn or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant

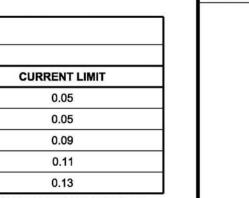
spaces and public places shall have an STC of at least 40. Note: Examples of assemblies and their various STC ratings may be found at the California Office of

**5.508.1 Ozone depletion and greenhouse gas reductions.** Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or



2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

resilient flooring shall meet at least one of the following:

- 3. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7. and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of MERV 8 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

California Energy Code having 60,000 Btu/h or less capacity per fan coil, if the energy use of the air

#### SECTION 5.505 INDOOR MOISTURE CONTROL

5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code,

#### SECTION 5.506 INDOOR AIR QUALITY

code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

Section 5.507.4.1 or 5.507.4.2.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

Within the 65 CNEL noise contour of an airport.

- Land Use Zone (AICUZ) plan.
- 2. Within the 65 CNEL or Lon noise contour of a freeway or expressway, railroad, industrial source or

5.507.4.1.1. Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L<sub>eq</sub> - 1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.

appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

Noise Control: www.toolbase.org/PDF/CaseStudies/stc\_icc\_ratings.pdf. SECTION 5.508 OUTDOOR AIR QUALITY

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO<sub>2</sub>), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack. 5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a

keep vibration levels below 8 mils. 5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure

5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to

exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of

5.508.2.2 Valves. Valves Valves and fittings shall comply with the California Mechanical Code and as

**5.508.2.2.1 Pressure relief valves.** For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc

rupture or discharge of the relief valve. **5.508.2.2.2 Access valves.** Only Schrader access valves with a brass or steel body are

5.508.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place. **5.508.2.2.2.2.1 Chain tethers.** Chain tethers to fit ovr the stem are required for valves

Exception: Valves with seal caps that are not removed from the valve during stem operation.

designed to have seal caps.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-reistant material, such as stainless steel; or be coated to prevent

**5.508.2.3.1 Coil coating.** Consideration shall be given to the heat transfer efficiency of coil coating to

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device tha indicates the level of refrigerant in the receiver.

**5.508.2.5.1 Minimum pressure.** The system shall be charged with regulated dry nitrogen and

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and

appropriate tracer gas to bring system pressure up to 300 psig minimum. 5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging. 5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

#### **INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS** 702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper nstallation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

- State certified apprenticeship programs.
- Public utility training programs. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. Programs sponsored by manufacturing organizations.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

- Certification by a national or regional green building program or standard publisher.
- 2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors. Successful completion of a third party apprentice training program in the appropriate trade.

Other programs acceptable to the enforcing agency.

Other programs acceptable to the enforcing agency.

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. . HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS)

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

area of certification shall be closely related to the primary job function, as determined by the local agency.

#### **703 VERIFICATIONS**

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

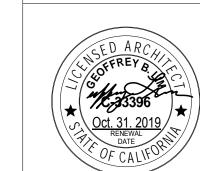


GEOFFREY B. LIM aia, ncarb, leed ap

. All information should be disregarded unless verified by

**Project Owner:** 





04/20/2018

**BUILDING 2ND SUBMITTAL** 

| NO. | REASON |  |
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PROJECT MANAGER:

**Project Address:** GEN BBQ SACRAMENTO

1689, Ardenway

Suite 1148 Sacramento

CA 95815 Project Number:

> 145-001-17 CALIFORNIA GREEN **BUILDING STANDARDS**

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE 2016 CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING VERIFICATION WITH THE FULL CODE.

#### 3. General Conditions Forms: General Conditions are available from the American Institute of Architects, Washington, D.C., END OF SECTION SECTION 01 10 00 SUMMARY PART 1 GENERAL SUMMARY A. Project Identification: See drawings. B. Project Summary: See drawings. C. Permits and Fees: Apply for, obtain, and pay for permits, fees, and utility company backcharges required to perform the work. Submit copies to Architect. D. Codes: Comply with applicable codes and regulations of authorities having jurisdiction. Submit copies of inspection reports, notices and similar communications to Architect. E. Dimensions: Verify dimensions indicated on drawings with field dimensions before fabrication or ordering of materials. Do not scale drawings. F. Existing Conditions: Notify Architect of existing conditions differing from those indicated on the drawings. Do not remove or alter structural components without prior written approval. G. Coordination: 1. Coordinate the work of all trades. 2. Prepare coordination drawings for areas above ceilings where close tolerances are required between building elements and mechanical and electrical work. 3. Verify location of utilities and existing conditions. H. Installation Requirements, General: 1. Inspect substrates and report unsatisfactory conditions in writing. 2. Do not proceed until unsatisfactory conditions have been corrected. 3. Take field measurements prior to fabrication where practical. Form to required shapes and sizes with true edges, lines and angles. Provide inserts and templates as needed for work of other trades. 4. Install materials in exact accordance with manufacturer's instructions and approved submittals. 5. Install materials in proper relation with adjacent construction and with proper appearance. 6. Restore units damaged during installation. Replace units which cannot be restored at no additional expense to the Owner. 7. Refer to additional installation requirements and tolerances specified under individual specification I. Limit of Use: Limit use of work as indicated. Keep driveways and entrances clear. J. Existing Construction: Maintain existing building in a weathertight condition. Repair damage caused by construction operations. Protect building and its occupants. K. Definitions: 1. Provide: Furnish and install, complete with all necessary accessories, ready for intended use. Pay for all related costs. 2. Approved: Acceptance of item submitted for approval. Not a limitation or release for compliance with the Contract Documents or regulatory requirements. Refer to limitations of 'Approved' in General and Supplementary Conditions 3. Match Existing: Match existing as acceptable to the Owner. L. Intent: Drawings and specifications are intended to provide the basis for proper completion of the work suitable for the intended use of the Owner. Anything not expressly set forth but which is reasonable implied or necessary for proper performance of the project shall be included. M. Writing Style: Specifications are written in the imperative mode. Except where specifically intended otherwise, the subject of all imperative statements is the Contractor. For example, 'Provide tile' means 'Contractor shall provide PART 2 PRODUCTS - Not Applicable To This Section PART 3 EXECUTION - Not Applicable To This Section END OF SECTION PART 1 GENERAL 1.1 SUMMARY A. Administration of Contract: Provide administrative requirements for the proper coordination and completion of work including the following: 1. Supervisory personnel. 2. Preconstruction conference. 3. Project meetings, minimum of two per month; prepare and distribute minutes. B. Reports: Submit daily and special reports. C. Work Schedule: Submit progress schedule, updated monthly. D. Submittal Schedule: Prepare submittal schedule; coordinate with progress schedule. E. Schedule of Values: Submit schedule of values. Schedule of Lests: Submit schedule of required tests including payment and responsibility G. Perform Surveys: Lay out the work and verifying locations during construction. Perform final site survey. H. Emergency Contacts: Submit and post a list of emergency telephone numbers and address for individuals to be contacted in case of emergency. I. Record Documents: Submit record drawings and specifications; to be maintained and annotated by Contractor as work progresses. 1.2 SUBMITTALS A. Types of Submittals: Provide types of submittals listed in individual sections and number of copies required 1. Shop drawings, reviewed and annotated by the Contractor - 4 copies. Product data - 4 copies. 3. Samples - 2, plus extra samples as required to indicate range of color, finish, and texture to be expected. 4. Inspection and test reports - 4 copies. 5. Warranties - 4 copies 6. Survey data - 4 copies. 7. Closeout submittals - 4 copies 8. Project photographs - 12 digital images each month submitted on CD. Submit cumulative CD at each subsequent submittal. Label each image with date. B. Submittal Procedures: Comply with project format for submittals. Comply with submittal procedures established by Architect including Architect's submittal and shop drawing stamp. Provide required resubmittals if original submittals are not approved. Provide distribution of approved copies including modifications after submittals have been approved. C. Samples and Shop Drawings: Samples and shop drawings shall be prepared specifically for this project. Shop drawings shall include dimensions and details, including adjacent construction and related work. Note special coordination required. Note any deviations from requirements of the Contract Documents. D. Warranties: Provide warranties as specified; warranties shall not limit length of time for remedy of damages Owner may have by legal statute. Contractor, supplier or installer responsible for performance of warranty shall sign warranties. PART 2 PRODUCTS - Not Applicable To This Section PART 3 EXECUTION - Not Applicable To This Section END OF SECTION SECTION 01 50 00 TEMPORARY FACILITIES AND CONTROLS PART 1 GENERAL SUMMARY A. Temporary Services: Provide temporary services and utilities, including payment of utility costs including the 1. Water (potable and non-potable). Lighting and power. 3. Metering. 4. Telephone. Toilet facilities. Materials storage. B. Construction Facilities: Provide construction facilities, including payment of utility costs including the following. Construction equipment 2. Dewatering and pumping. 3. Enclosures. 4. Heating. 5. Lighting Elevator. Access.

Roads.

1. Fire extinguishers.

3. Building enclosure and lock-up.

6. Snow and ice removal if applicable.

6. Cleaning.
PART 2 PRODUCTS - Not Applicable To This Section PART 3 EXECUTION - Not Applicable To This Section

4. Environmental protection.

2. Contractor's field office.

Project identification sign.

3. Sanitary facilities.

Drinking water.

C. Security and Protection: Provide security and protection requirements including the following.

2. Site enclosure fence, barricades, warning signs, and lights.

D. Personnel Support: Provide personnel support faciend of SECTION ollowing.

1. Architect's field office with telephone, fax and data conf

5. Pest control during and at the end of construction.

1. General Conditions: AIA A201, General Conditions of the Contract for Construction.

2. General Conditions: AIA A271, General Conditions of the Contract for Furniture, Furnishings and Equipment.

## A. Manufacturers: Provide products from one manufacturer for each type or kind as applicable. Provide secondary materials as acceptable to manufacturers of primary materials. B. Product Selection: Provide products selected or equal approved by Architect. Products submitted for substitution shall be submitted with complete documentation, and include construction costs of substitution including related

C. Substitutions: Request for substitution must be in writing. Conditions for substitution include: 1. An 'or equal' phrase in the specifications. 2. Specified material cannot be coordinated with other work. 3. Specified material is not acceptable to authorities having jurisdiction. 4. Substantial advantage is offered to the Owner in terms of cost, time, or other valuable consideration. D. Substitution Requests: Substitutions shall be submitted prior to award of contract, unless otherwise acceptable. Approval of shop drawings, product data, or samples containing substitutions is not an approval of a substitution unless an item is clearly presented as a substitution at the time of submittal.

PART 1 GENERAL

PART 1 GENERAL

SUMMARY

1.2 SUBMITTALS

Provide demolition activities

1.1

SUMMARY

PART 2 PRODUCTS - Not Applicable To This Section

PART 3 EXECUTION - Not Applicable To This Section

```
END OF SECTION
PART 1 GENERAL
      SUMMARY
               Substantial Completion: The following are prerequisites to substantial completion. Provide the following.
                  1. Punch list prepared by Contractor and subcontractors as applicable.
                  Supporting documentation.
                 Warranties.
                 Certifications.
                 Occupancy permit.
                 6. Start-up and testing of building systems.
                  7. Change over of locks.
                 8. Meter readings.
                  Commissioning documentation.
               Final Acceptance: Provide the following prerequisites to final acceptance.
                  1. Final payment request with supporting affidavits.
                  2. Completed punch list.
         C. As-Built Drawings: Provide a marked-up set of drawings including changes, which occurred during construction.
        D. Project Closeout: Provide the following during project closeout.
                  . Submission of record documents.
                  Submission of maintenance manuals.
                  Training and turnover to Owner's personnel
                 4. Final cleaning and touch-up.
                 5. Removal of temporary facilities.
PART 2 PRODUCTS - Not Applicable To This Section
PART 3 EXECUTION
       CUTTING AND PATCHING
         A. Cutting and Patching: Provide cutting and patching work to properly complete the work of the project, complying
         with project requirements for:

    Structural work.

         Mechanical/electrical systems.
        3. Visual requirements, including detailing and tolerances.
         4. Operational and safety limitations.
        5. Fire resistance ratings
        6. Inspection, preparation, and performance.
         Cleaning.
```

B. Means and Methods: Do not cut and patch in a manner that would result in a failure of the work to perform as intended, decrease energy performance, increase maintenance, decrease operational life, or decrease safety performance. Inspection: Inspect conditions prior to work to identify scope and type of work required. Protect adjacent work. Notify Owner of work requiring interruption to building services or Owner's operations.

Performance of Operations: Perform work with workmen skilled in the trades involved. Prepare sample area of each type of work for approval. Cutting: Use cutting tools, not chopping tools. Make neat holes. Minimize damage to adjacent work. Inspect for concealed utilities and structure before cutting.

Patching: Make patches, seams, and joints durable and inconspicuous. Comply with tolerances for new work. Cleaning: Clean work area and areas affected by cutting and patching operations.

#### END OF SECTION

#### SECTION 02 41 19 SELECTIVE DEMOLITION

Schedule: Submit for approval selective demolition schedule, including schedule and methods for

capping utilities to be abandoned and maintaining existing utility service.

```
Codes and Regulations: Comply with governing codes and regulations. Use experienced workers.
       PROJECT CONDITIONS
                 Occupancy: Immediate areas of work will not be occupied during selective demolition. The public,
                  including children, may occupy adjacent areas.
                 Existing Conditions: No responsibility for buildings and structures to be demolished will be assumed
                  by the Owner
PART 2 PRODUCTS
2.1 DEMOLITION APPLICATIONS
                 Selective Site Demolition:
                          Application: Demolition of designated site improvements including paving, curbing, site walls,
                          and utility structures
                          Application: Demolition of below-grade foundations and site improvements to depth to avoid
                           conflict with new construction or site work.
                          Application: Removal of hollow items or items which could collapse.
                          Application: Salvage of designated items.
                          Application: Protection of site work and adjacent structures.
                          Application: Disconnection, capping, and removal of utilities.
                          Application: Pollution control during building demolition, including noise control.
                          Application: Removal and legal disposal of materials.
                          Protection: Designated site improvements and adjacent construction.
                          Salvage: Designated items.
                          Utilities: Interruption, capping or removal as applicable.
         B. Selective Building Demolition:
                          Application: Selective demolition of interior partitions, systems, and building components
                          designated to be removed.
                          Application: Selective demolition of exterior facade, structures, and components designated
                          Application: Protection of portions of building adjacent to or affected by selective demolition.
                          Application: Removal of abandoned utilities and wiring systems.
                          Application: Notification to Owner of schedule of shut-off of utilities which serve occupied
                          Application: Pollution control during selective demolition, including noise control.
                          Application: Removal and legal disposal of materials.
                          Protection: Designated site improvements and adjacent construction.
                          Salvage: Designated items
                          Utilities: Interruption, capping or removal as applicable.
PART 3 EXECUTION
3.1 SELECTIVE DEMOLITION
                 Demolition Operations: Do not damage building elements and improvements indicated to remain.
                   tems of salvage value, 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
```

Utilities: Locate, identify, disconnect, and seal or cap off utilities in buildings to be demolished.

Operations: Cease operations if public safety or remaining structures are endangered. Perform

END OF SECTION

Occupied Spaces: 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

nterrupt utilities serving occupied or used facilities without the written permission of the Owner and

Shoring and Bracing: Provide and maintain interior and exterior shoring and bracing.

authorities having jurisdiction. If necessary, provide temporary utilities.

temporary corrective measures until operations can be continued properly.

Security: Provide adequate protection against accidental trespassing. Secure project after work hours. Restoration: Restore finishes of patched areas.

```
PART 1 GENERAL
        SUMMARY
               Provide cast-in-place concrete, reinforcing and accessories.
1.2 SUBMITTALS
                Product Data: Submit manufacturer's product data and installation instructions for each material and product
                Shop Drawings: Submit shop drawings indicating material characteristics, details of construction,
                         connections, and relationship with adjacent construction.
                 1. Shop drawings shall be prepared and stamped by a qualified engineer licensed in the jurisdiction of the
                Mix Design: Submit for approval mix design proposed for use.
1.3 QUALITY ASSURANCE
                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,
                                 store materials in accordance with manufacturer's instructions.
handle, and
                 Testing: Employ an independent testing agency acceptable to Owner to design concrete mixes and to
                         perform material evaluation tests. Provide 7 and 28 day cylinder tests. Comply with ASTM C 143,
C 173, C
                         31 and C 39.
                Standards:
                         ACI 301, Specifications for structural Concrete for Buildings.
                         ACI 318, Building Code Requirements for Reinforced Concrete, and CRSI Manual of Standard
                Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.
                Floor Flatness and Levelness Tolerances:
                         Subfloors Under Materials Such as Concrete Toppings, Ceramic Tile, and Sand Bed Terrazzo: ACI
                          302.1R and ASTM E 1155, floor flatness (Ff) of 15, floor levelness (FI) of 13.
                         Subfloors Under Materials Such As Vinyl Tile, Epoxy Toppings, Paint, and Carpet: ACI 302.1R and
                         ASTM E 1155, floor flatness (Ff) of 20, floor levelness (FI) of 17.
PART 2 PRODUCTS
      MATERIALS
       A. Cast-In-Place Concrete:
                         Application: Columns and beams.
                         Application: Foundations and footings
                         Application: Concrete on metal deck
                         Application: Exterior site concrete and pads.
                         Finish for Vertical Surfaces Exposed To View: Smooth rubbed finish.
                         Mechanically Applied Finish for Vertical Surfaces Exposed to View: Bushhammer finish.
                         Finish for Vertical Surfaces Not Exposed To View: As-cast form finish.
                         Finish for Horizontal Surfaces To Receive Concrete or Mortar Setting Bed: Scratch finish.
                         Finish for Surfaces to be Exposed to View or Covered with Resilient Flooring, Carpet Tile or Other
                                 Thin Finish System: Trowel finish.
                         Finish for Surfaces to Receive Thin-set Ceramic or Quarry Tile: Trowel and fine broom finish.
                         Finish for Exterior Concrete Platforms, Steps, Ramps and Sloped Walls: Non-slip broom finish.
                         Cast-In-Place Concrete Reinforcing and Accessories:
                                 Concrete Design Mixes: ASTM C 94, 28 day compressive strength suitable for project
                                  requirements and site conditions.
                                 Formwork: Plywood or metal panel formwork sufficient for structural and visual
                                 Reinforcing Bars: ASTM A 767, Class II, galvanized.
                                 Steel Wire: ASTM A 82.
                                  Steel Wire Fabric: ASTM A 497, welded, deformed.
                                 Concrete Materials: ASTM C 150, Type I, Portland cement; potable water.
                                  Concrete Admixtures: Containing less than 0.1 percent chloride ions.
                                 Reglets: Galvanized sheet steel reglets, minimum 26 gauge (.018 inch).
                                 Waterstops: Rubber, PVC or self expanding butyl/bentonite waterstops.
                                 Vapor Retarder: ASTM D 4397 polyethylene sheet, 10 mils.
                                 Liquid Membrane-Forming Curing Compound: ASTM C 309, Type 1, Class A.
                                 Underlayment Compound: Free-flowing, self-leveling cement-based compound.
                                 Bonding Compound: Polyvinyl acetate or acrylic base.
                                 Epoxy Adhesive: ASTM C 881, two-component material.
PART 3 EXECUTION
      INSTALLATION
                Comply with ASTM C 94. Do not change mix design without approval. Calcium chloride admixtures are not
                 Chamfer exposed edges/corners to provide straight lines.
                  Tolerance: Plus 1/8" in 10" for grade, alignment, and straightness.
                  Construction Joints: Use keyways, continue reinforcement through joint.
                 Expansion Joints: For exterior work locate 30' o.c. at approved locations. Provide smooth dowels across
                         joint which permit 1" horizontal movement and no vertical shear movement.
                 Isolation Joints: Provide between slabs and vertical elements such as columns and structural walls.
                 Control Joints: Provide sawn or tooled joints or removeable insert strips; depth equal to 1/4 slab thickness.
```

END OF SECTION

**SECTION 05 50 00** 

Wall Finishes: As-cast and patched for concealed work; rubbed smooth, filled and cement paste coated for

Scratch: For surfaces to receive mortar setting beds or cementitious flooring materials.

Trowel: Hard, smooth, uniform surface for areas to receive resilient flooring, carpet, or other thin

Broom: After trowel finishing, roughen surface by fine brooming perpendicular to traffic direction for

Spacing as required and approved.

Slab Finishes: Obtain sample approval before beginning work.

exposed exterior walks, steps and ramps.

finish material.

exposed work

#### METAL FABRICATION PART 1 GENERAL 1.1 SUMMARY Provide metal fabrications. 1.2 SUBMITTALS Product Data: Submit manufacturer's product data and installation instructions for each material and Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction. Shop drawings shall be prepared and stamped by a qualified engineer licensed in the iurisdiction of the project.

characteristics and finish. Include range samples if variation of finish is anticipated. 1.3 QUALITY ASSURANCE 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 manufacturer's instructions.

Samples: Submit two representative samples of each material specified indicating visual

```
PART 2 PRODUCTS
2.1 MATERIALS
               Metal Fabrication Applications:
                         Application: Rough hardware
                         Application: Rooftop ladders.
                         Application: Miscellaneous framing and supports for overhead doors and grilles.
                         Application: Miscellaneous framing and supports for suspended toilet partitions.
                         Application: Steel framing and supports for countertops.
                         Application: Miscellaneous steel trim
                         Application: Steel angle corner guards.
                         Application: Edgings.
                         Application: Structural steel door frames.
                         Application: Pipe guards
                         Application: Pipe bollards.
                         Application: Security bars.
                         Application: Remodeling of existing metal fabrications.
        B. Fasteners
                         Bolts and Nuts: Hexagon head type, ASTM A 307, Grade A.
                         Lag Bolts: Square head, FS FF-B-561.
                         Machine Screws: Cadmium plated steel, FS FF-S-92
                         Wood Screws: Flat head carbon steel. FS FF-S-111
                         Plain Washers: Round carbon steel, FS FF-W-92.
                         Drilled-In Expansion Anchors: FS FF-S-325.
                          Toggle Bolts: Tumble-wing type, FS FF-B-588.
                         Lock Washers: Spring type carbon steel, FS FF-W-84.
                         Zinc-Coating: Fasteners in exterior assemblies or exterior walls.
        C. Auxiliary Materials:
                         Nonshrink Metallic Grout: ASTM C 1107.
                         Nonshrink Nonmetallic Grout: ASTM C 1107.
                         Interior Anchoring Cement: Hydraulic expansion cement.
                         Exterior/Interior Anchoring Cement: Erosion-resistant hydraulic expansion cement.
                         Shop Primer: Fast curing, lead- and chromate-free, universal modified-alkyd primer complying
                with MPI#79, compatible with topcoats.
                        Zinc-Rich Primer: Complying with SSPC-Paint 20 or SSPC-Paint 29 and compatible with
                         Galvanizing Repair Paint: SSPC - Paint 20.
                         Bituminous Paint: Asphalt mastic, SSPC - Paint 12.
PART 3 EXECUTION
3.1 INSTALLATION
                Take field measurements prior to preparation of shop drawings and fabrication. Do not delay job; allow
```

SECTION 05 52 00 METAL RAILINGS

```
PART 1 GENERAL
1.1 SUMMARY
        A. Provide pipe and tube handrails and railing systems.
1.2 SUBMITTALS
                Product Data: Submit manufacturer's product data and installation instructions for each material and product
               Shop Drawings: Submit shop drawings indicating material characteristics, details of construction,
                         connections, and relationship with adjacent construction.
1.3 QUALITY ASSURANCE
               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,
                                 store materials in accordance with manufacturer's instructions.
handle, and
                 Handrail and Railing Structural Performance: In accordance with applicable Building Code.
PART 2 PRODUCTS
2.1 MATERIALS
               Metal Railings
                        Application: Exterior metal railings.
                         Application: Interior metal railings.
                         Aluminum Pipe and Tube Railing Systems:
                                 Extruded Bar and Tube: ASTM B 221, alloy 6063 T5/T52.
                                 Extruded Structural Pipe and Tube: ASTM B 429, alloy 6063 T5/T52.
                                 Drawn Seamless Tube: ASTM B 210, alloy 6063 T832
                                 Plate and Sheet: ASTM B 209, alloy 6061 T6.
                                 Die and Hand Forgings: ASTM B 247, alloy 6061 T6
                                 Castings: ASTM B 26, alloy A356 T6.
                  4. Aluminum Finish: Clear anodized.
                 5. Stainless Steel Pipe and Tube Railing Systems:
                                Tubing: ASTM A 554, Grade TP 304 or TP 316.
                                Pipe: ASTM A 312, Grade TP 304 or TP 316.
                                  Castings: ASTM A 743, Grade CF 8 or CF 20.
                                Plate: ASTM A 666, Type 304 or 316.
                  6. Stainless Steel Finish: 180 grit polished.
                 7. Steel Pipe and Tube Railing Systems:
                                Steel Pipe, Black Finish: ASTM A 53.
                                 Steel Pipe, Galvanized Finish: ASTM A 53.
                                 Steel Tubing: ASTM A 500 or A 501.
                                  Steel Plates, Shapes and Bars: ASTM A 36.
                                 Gray Iron Castings: ASTM A 48, Class 30.
                                 Malleable Iron Castings: ASTM A 47, Grade 32510.
                  8. Steel Finish: Galvanized and shop primed.
                 9. Auxiliary Materials:
                                Nonshrink Nonmetallic Grout: CE CRD-C621.
                                 Interior Anchoring Cement: Hydraulic expansion cement.
                                 Exterior/Interior Anchoring Cement: Erosion-resistant hydraulic expansion cement.
                                 Shop Primer: Fast-curing, lead- and chromate-free, universal modified-alkyd primer
                                         complying with MPI#79, compatible with topcoats.
                         e. Zinc-Rich Primer: Complying with SSPC-Paint 20 or SSPC-Paint 29 and compatible with
                         f. Galvanizing Repair Paint: SSPC - Paint 20.
                         g. Bituminous Paint: Asphalt mastic, SSPC - Paint 12.
PART 3 EXECUTION
3.1 INSTALLATION
                Take field measurements prior to fabrication, where possible. Form to required shapes and sizes with true,
                         straight edges, lines and angles. Provide light-tight, hairline joints.
                 Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install
                 materials and systems in proper relation with adjacent construction. Coordinate with work of other sections.
                Coordinate with work of other sections; provide inserts and templates as needed. Install work plumb and
                          level with uniform appearance.
```

**END OF SECTION** 

Restore damaged finishes and protect work.

PART 1 GENERAL

```
1.1 SUMMARY
               Provide ornamental metalwork.
1.2 SUBMITTALS
        A. Product Data: Submit manufacturer's product data and installation instructions for each material and
        B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction,
         connections, and relationship with adjacent construction.
              Samples: Submit two representative samples of each material specified indicating visual
         characteristics and finish.
                 Include range samples if variation of finish is anticipated.
1.3 QUALITY ASSURANCE
        A. 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 manufacturer's instructions.
        B. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.
PART 2 PRODUCTS
2.1 MATERIALS
               Ornamental Metalwork:
                        Application: Metal reveals at wood paneling.
                        Application: Closures and trim.
                         Application: Column covers.
                        Aluminum:
                                Extruded Bar and Tube: ASTM B 221, alloy 6063 T5/T52.
                                 Extruded Structural Pipe and Tube: ASTM B 429, alloy 6063 T5/T52.
                                 Drawn Seamless Tube: ASTM B 483, alloy 6063 T832.
                                 Plate and Sheet: ASTM B 209, alloy 6061 T6.
                                Die and Hand Forgings: ASTM B 247, alloy 6061 T6
                                Castings: ASTM B 26, alloy A356 T6.
                        Aluminum Finish: Clear anodized.
                        Auxiliary Materials:
                                Nonshrink Nonmetallic Grout: ASTM C 1107.
                                Welding Electrodes and Filler Metal: AWS specifications.
                                Fasteners, Anchors, and Inserts: Non-corrosive.
                                Universal Shop Primer: Fast-curing, lead- and chromate-free, universal modified-alkyd
                         primer complying with MPI#79.
                                Zinc-Rich Primer: Comply with SSPC-Paint 20 or SSPC-Paint 29 and compatible with
                                Galvanizing Repair Paint: SSPC - Paint 20.
                                Bituminous Paint: Asphalt mastic, SSPC - Paint 12.
PART 3 EXECUTION
     INSTALLATION
                Take field measurements prior to fabrication. Form to required shapes and sizes with true, straight
        edges, lines and angles. Provide light-tight, hairline joints.
              Install materials and systems in accordance with manufacturer's instructions and approved submittals.
        Install materials and systems in proper relation with adjacent construction. Coordinate with work of
        other sections.
              Coordinate with work of other sections; provide inserts and templates as needed. Install work plumb
        and level with uniform appearance
              Restore damaged finishes and protect work.
                                                  END OF SECTION
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ARCHITECTURE Innovation and Design in Architecture, Inc.

GEOFFREY B. LIM AIA, NCARB, LEED AP

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Long Beach, CA 90802

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Project Owner:





Issue For:

**BUILDING 2ND SUBMITTAL** Issue Date:

04/20/2018

| REVISIONS |        |      |  |  |  |
|-----------|--------|------|--|--|--|
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PRINCIPAL IN CHARGE PROJECT MANAGER: Checker DRAWN BY: Author Project Address:

SACRAMENTO 1689, Ardenway

Suite 1148 Sacramento CA 95815

Project Number

**GEN BBQ** 

145-001-17 Sheet Title: **DESIGN SPECIFICATION** 

**END OF SECTION** 

Install work plumb and level with hairline joints and ground flush welds.

Touch-up damaged coatings with shop primer and galvanize repair paint.

Lintels: Provide sizes indicated with 8" bearing at each end.

Paint items scheduled in accordance with painting section.

Form work true to line with sharp angles and edges. Weld continuously, grind flush and make smooth

for cutting and fitting if field measurement not practical.

on exposed surfaces.

|   |  |  | SECTION 00 44 42   | Design Consultant:   |
|---|--|--|--|--|
| SECTION 06 10 00<br>ROUGH CARPENTRY   | PART 3 EXECUTION 3.1 INSTALLATION  | PART 3 EXECUTION 3.1 INSTALLATION  | SECTION 08 41 13 ENTRANCES AND STOREFRONTS PART 1 GENERAL  | Design Consultant  |
| PART 1 GENERAL 1.1 SUMMARY  | <ul> <li>A. Provide work to sizes, shapes, and profiles indicated. Install work to comply with quality standards referenced.</li> <li>Back prime work and install plumb, level and straight with tight joints; scribe work to fit.</li> <li>B. Quality Standard: Install woodwork to comply with AWI standards for the same grade specified for type of</li> </ul> | A. Fabricate work to be rigid, neat and free from seams, defects, dents, warp, buckle, and exposed fasteners.  Install doors and frames in compliance with SDI-100, NFPA 80, and requirements of authorities having  | 1.1 SUMMARY A. Provide entrances and storefront.   |  |
| A. Provide rough carpentry.  1.2 SUBMITTALS  A. Product Data: Submit manufacturer's product data and installation instructions for each material and product  | woodwork involved.  C. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install   | jurisdiction.  B. Provide thermally improved doors with maximum U-value of 0.24 BTU/hr./sq. ft. degree F (ASTM C 236) for  | <ul> <li>1.2 SUBMITTALS</li> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.</li> </ul>  |  |
| used. 1.3 QUALITY ASSURANCE   | materials and systems in proper relation with adjacent construction. Coordinate with work of other sections.  D. Comply with manufacturer's requirements for cutting, handling, fastening and working treated materials.  E. Repair minor damage, clean and protect.   | <ul> <li>all exterior doors and elsewhere as noted.</li> <li>C. Provide acoustically improved doors with minimum STC of 33 (ASTM E 90 and ASTM E 413) where indicated.</li> </ul>  | B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.   |  |
| A. 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  |  | D. Hardware: Prepare doors and frames to receive hardware on final schedule. Provide for 3 silencers on single   | <ul> <li>C. Warranty: Submit manufacturer's standard warranty. Include labor and materials to repair or replace defective materials.</li> <li>1. Warranty Period: 5 years.</li> </ul>  |  |
| store materials in accordance with manufacturer's instructions.  B. Lumber Standards and Grade Stamps: DOC PS 20, American Softwood Lumber Standard and inspection agency grade stamps.   | END OF SECTION   | doorframes; 2 on double doorframes.  E. Shop Finish: Clean, treat and prime paint all work with rust-inhibiting primer comparable with finish paint specified in Division 9 section. Provide asphalt emulsion sound deadening coating on concealed frame                                     | D. Operation and Maintenance Data: Submit manufacturer's operation and maintenance data, including operating instructions, list of spare parts and maintenance schedule.   | ARCHITECTURE Innovation and Design in  |
| <ul> <li>Construction Panel Standards: DOC PS 1, U.S. Product Standard for Construction and Industrial Plywood;</li> <li>APA PRP-108.</li> </ul>  | SECTION 07 21 00 THERMAL INSULATION  | interiors.  F. Touch-up damaged coatings ready to receive finish painting.   | <ul> <li>1.3 QUALITY ASSURANCE</li> <li>A. Comply with governing codes and regulations. Provide products of acceptable manufacturers,</li> </ul>   | Architecture, Inc.   |
| <ul> <li>D. Wood Framing Standards: NFPA House Framing Manual.</li> <li>1. Exterior Wall Framing: 2 inch by 6-inch nominal (38 mm by 140 mm actual) studs, 24 inches (61 cm) on center.</li> </ul>  | PART 1 GENERAL 1.1 SUMMARY A. Provide thermal insulation and vapor retarders.  | END OF SECTION   | which have been in satisfactory use in similar service for three years. Use experienced installers.  Deliver, handle, and store materials in accordance with manufacturer's instructions.  PART 2 PRODUCTS   | 218 The Promenade North<br>Long Beach, CA 90802<br>www.idaexperience.net   |
| <ol> <li>Exterior Wall Framing: 2 inch by 4-inch nominal (38 mm by 89 mm actual) studs, 16 inches (40 cm) on center.</li> </ol>   | SUBMITTALS     A. Product Data: Submit manufacturer's product data and installation instructions for each material and   | LIND OF SECTION  | MATERIALS     A. Aluminum Entrances and Storefront:  | ,  |
| <ol> <li>Interior Wall Framing: 2 inch by 4-inch (38 mm by 89 mm actual) studs, 16 inches (40 cm) on center.</li> <li>Preservative Treatment: AWPA C2 for lumber and AWPA C9 for plywood; waterborne pressure treatment.</li> <li>Provide for wood in contact with soil, concrete, masonry, roofing, flashing, dampproofing and waterproofing.</li> </ol> | product_used.  B. Submit for approval test reports.  1.3 QUALITY ASSURANCE   | SECTION 08 14 00<br>FLUSH WOOD DOORS   | <ol> <li>Aluminum Members: ASTM B 209, ASTM B 221, ASTM B 429.</li> <li>Steel Reinforcement: ASTM A 36, ASTM A 1008, and ASTM A 1011.</li> <li>Door Style: Narrow stile and rail doors.</li> </ol>   | Architect:   |
| Frovide for wood in contact with soil, contrete, masonly, nothing, hashing, dampproofing and waterproofing.  F. Fire-Retardant Treatment: AWPA C20 for lumber and AWPA C27 for plywood; noncorrosive type. Provide at building interior where required by code.   | <ul> <li>QUALITY ASSURANCE</li> <li>A. 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.</li> </ul>  | PART 1 GENERAL 1.1 SUMMARY   | <ol> <li>Storefront Style: Aluminum framed, butt glazed vertical joints.</li> <li>Aluminum Finish: Clear anodized.</li> </ol>  | Geoffrey B. Lim  |
| PART 2 PRODUCTS 2.1 MATERIALS   | handle, and store materials in accordance with manufacturer's instructions. PART 2 PRODUCTS  | A. Provide flush wood doors. 1.2 SUBMITTALS  | 6. Auxiliary Materials: a. Aluminum infill panels.   | aia, ncarb, leed ap  |
| A. Rough Carpentry Applications:     1. Application: Framing with dimension lumber.     2. Application: Framing with engineered wood products.  | <ul> <li>2.1 MATERIALS</li> <li>A. Blanket/Batt Insulation:</li> <li>1. Application: Thermal insulation in studs in exterior walls.</li> </ul>   | <ul> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.</li> <li>B. Samples: Submit two representative samples of each material specified indicating visual characteristics and</li> </ul>                            | <ul> <li>b. Push/pulls, doorstops, overhead holders, and deadlocks.</li> <li>c. Weatherstripping and thresholds.</li> <li>d. Exit devices.</li> </ul>  | Plans, maps, specifications, studies, and reports not contai<br>a red ink seal imprint accompanied by an original  |
| 3. Application: Rooftop equipment bases and support curbs. 4. Application: Wood grounds, nailers, and blocking.   | <ol> <li>Application: Thermal insulation in study in extend wans.</li> <li>Application: Thermal insulation at underside of roofs, over heated spaces and soffits.</li> <li>Type: Foil-faced mineral fiber.</li> </ol>  | finish. Include range samples if variation of finish is anticipated.   | e. Electric-strike release. PART 3 EXECUTION   | signature by the licensed professional may have been<br>fraudulently altered and shall not be considered an origin<br>copy. All information should be disregarded unless verified<br>the professional whose signature appears above. |
| 5. Application: Wood furring. 6. Application: Backing panels.   | a. Standard: ASTM C 665, Type III (foil-scrim-kraft vapor-retarder membrane).     b. Accessories: Fasteners and tapes.  B. Baef and Back travelation.  | C. Warranty: Submit manufacturers standard warranty. Include labor and materials to repair or replace defective materials.   | 3.1 INSTALLATION  A. Take field measurements before fabrication where possible; do not delay job progress.   | Copyright Protected 2018.  |
| 7. Application: Wood sheathing. 8. Application: Underlayment. 9. Dimension Lumber:  | B. Roof and Deck Insulation: 1. Application: Exterior roofs and decks. 2. Type: Polyisocyanurate.  | <ol> <li>Solid-Core Exterior Doors: 5 years.</li> <li>Solid-Core Interior Doors: Life of installation.</li> <li>Hollow-Core Interior Doors: 2 years.</li> </ol>  | B. Install materials and systems in accordance with manufacturer's instructions and approved<br>submittals. Install materials and systems in proper relation with adjacent construction and with<br>uniform appearance. Coordinate with work of other sections.                        | Project Owner:   |
| <ul><li>a. Light Framing: Stud, No. 3 or Standard grade.</li><li>b. Structural Framing: No. 1 grade.</li></ul>  | C. Radiant Barriers:  1. Application: Exterior walls.  | <ul> <li>1.3 QUALITY ASSURANCE</li> <li>A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have</li> </ul>  | <ul> <li>Anchor securely in place; install plumb, level and in true alignment. Isolate dissimilar materials to<br/>prevent corrosion.</li> </ul>   | Troject Cumon  |
| c. Species: Any species of grade indicated. d. Exposed Framing: Appearance grade.   | <ol> <li>Interior Radiation Control Coating: Surface emittance value of 0.1 or less per ASTM C 1371.</li> <li>Sheet Radiant Barriers: ASTM C 1313.</li> </ol>  | been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.  | <ul> <li>Coordinate with glass and glazing work; install hardware and adjust for smooth, proper operation.</li> <li>Clean and protect completed system; repair damage.</li> </ul>  |  |
| a. Exposed Boards: 15 percent moisture content. b. Concealed Boards: 19 percent moisture content.   | PART 3 EXECUTION 3.1 INSTALLATION A. Install materials and systems in accordance with manufacturer's instructions and approved submittals.   | <ul> <li>B. Quality Standards: [NWWDA I.S.1-A, 'Architectural Wood Flush Doors.'] [AWI's 'Architectural Woodwork Standards.'].</li> <li>C. Fire Rated Wood Doors: Meet NFPA 80 requirements.</li> </ul>  | END OF SECTION   |  |
| 11. Miscellaneous Lumber:  a. Moisture Content: 19 percent.   | Install materials and systems in proper relation with adjacent construction. Coordinate with work of other sections. Provide full thickness in one layer over entire area, tightly fitting around penetrations.  | PART 2 PRODUCTS 2.1 MATERIALS  | SECTION 08 51 13   |  |
| b. Grade: Standard grade light framing. 12. Engineered Wood Products: a. Laminated-Veneer Lumber: A composite of wood veneers with grain primarily parallel to  | <ul> <li>B. Pour loose insulation into cavities indicated; provide uniform coverage at correct density and thickness.</li> <li>C. Install vapor retarder over entire area of inside face of exterior walls and elsewhere as indicated. Seal all seams and around perimeter and penetrations with duct tape to form a continuous vapor retarder</li> </ul>          | A. Interior Flush Wood Doors:  1. Type: Solid core.  2. Thickness: 1-3/4 inches thick.   | PART 1 GENERAL 1.1 SUMMARY   |  |
| member lengths, manufactured with an exterior-type adhesive complying with ASTM D 2559.   | free of holes.  D. Protect installed insulation and vapor retarder.  | <ul><li>3. Grade: Premium.</li><li>4. Frames: Wood.</li></ul>  | A. Provide aluminum windows.  1.2 SUBMITTALS   | GEN  |
| b. Parallel-Strand Lumber: A composite of wood strand elements with grain primarily parallel to member lengths, manufactured with an exterior-type adhesive complying with ASTM D   | END OF SECTION   | <ul><li>5. Face: As selected.</li><li>6. Finish: As Selected.</li><li>7. Finish Application: As Selected.</li></ul>  | Product Data: Submit manufacturer's product data and installation instructions for each material and product used.  Shop Drawings: Submit shop drawings indicating material characteristics, details of construction.  | KOREAN BBQ HOUSE   |
| c. Prefabricated Wood I Joists: Stress-graded lumber bonded to APA performance rated panel with exterior type adhesive; design stresses for use intended.   |  | 7. Finish Application: As Selected. 8. Auxiliary Materials: a. Glazed panels.  | <ul> <li>B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.</li> <li>C. Samples: Submit two representative samples of each material specified indicating visual</li> </ul> |  |
| <ul> <li>d. Composite Joists and Headers: Laminated lumber veneers; design stresses for use<br/>intended.</li> </ul>  | SECTION 07 84 00 FIRESTOPPING PART 1 GENERAL   | <ul><li>b. Transom panels.</li><li>c. Louvered panels.</li></ul>   | characteristics and finish. Include range samples if variation of finish is anticipated.  D. Warranty: Submit manufacturer's standard warranty. Include labor and materials to repair or replace   |  |
| 13. Construction Panels:  a. Combination Subfloor-Underlayment: Exposure 1, Structural I, Underlayment.  b. Oriented-Stand-Board, Combination Subfloor-Underlayment: Exposure 1.  | 1.1 SUMMARY A. Provide firestopping.   | B. Exterior Flush Wood Doors: 1. Type: Solid core. 2. Thickness: 1-3/4 inches thick.   | defective materials. 1. Warranty Period: 5 years. E. Maintenance Data: Submit manufacturer's maintenance data, including maintenance schedule.   |  |
| c. Plywood Subflooring: Exposure 1, Structural I. d. Plywood Wall Sheathing: Exposure 1, Structural I sheathing.  | <ul> <li>SUBMITTALS</li> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used</li> </ul>   | 3. Grade: Premium. 4. Frames: Wood.  | 1.3 QUALITY ASSURANCE A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which  |  |
| e. Oriented-Strand-Board Wall Sheathing: Exposure 1, Structural sheathing. f. Plywood Roof Sheathing: Exposure 1, Structural I. Sheathing.  | B. Submit for approval test reports.  1.3 QUALITY ASSURANCE  | <ul><li>5. Face: As selected.</li><li>6. Finish: As selected.</li></ul>  | have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.   | Stamp:   |
| g. Oriented-Strand-Board Roof Sheathing: Exposure 1, Structural I sheathing. h. Telephone and Electrical Equipment Backing Panels: DOC PS 1, Exposure 1, C-D Plugged, fire-retardant treated.   | A. 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   | 7. Finish Application: As selected. 8. Auxiliary Materials: a. Glazed panels.  | <ul> <li>B. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.</li> <li>C. Performance: Comply with AAMA/NWWDA 101/I.S.2 for grade of window required.</li> <li>PART 2 PRODUCTS</li> </ul>   |  |
| <ul> <li>i. Plywood Underlayment for Resilient Flooring: DOC PS 1, Exterior A-C with fully sanded face.</li> </ul>  | store materials in accordance with manufacturer's instructions.  B. Fire Performance: UL 2079, ASTM E 814, and local regulations.  PART 2 PRODUCTS   | b. Transom panels. PART 3 EXECUTION  | 2.1 MATERIALS A. Aluminum Windows:   | SED ARCHI  |
| <ul> <li>j. Plywood Underlayment for Ceramic Tile: DOC PS 1, Exterior, C-C Plugged.</li> <li>k. Plywood Underlayment for Carpet: DOC PS 1, Interior Underlayment.</li> </ul>  | 2.1 MATERIALS A. Firestopping Systems:   | 3.1 INSTALLATION  A. Comply with NWMA I.S. 1A and specified quality standard.  B. Droft doors to former. Promorbing doors for berdungs listed on final cabadulas. Factors bound doors  | <ol> <li>Construction: Thermal-break type.</li> <li>Aluminum Window Members: Aluminum extrusions.</li> </ol>   | GUL  |
| 14. Fibrous Felted Boards:  a. Hardboard Underlayment: AHA A135.4, Class 4 (Service), Surface S1S; with back side sanded.   | <ol> <li>Manufacturers: 3M Fire Protection Products</li> <li>Applications as Applicable to Assembly: Through-penetrations, fire-resistive joints, perimeter fire containment, smoke seals.</li> </ol>  | <ul> <li>B. Prefit doors to frames. Premachine doors for hardware listed on final schedules. Factory bevel doors.</li> <li>C. Install doors with not more than 1/8 inch clearance at top and sides, 1/4 inch at bottom. Comply with NFPA 80 for rated assemblies.</li> </ul>                 | <ol> <li>Anchors, Clips, and Window Accessories: Aluminum, nonmagnetic stainless steel, or galvanized steel.</li> <li>Window Operation: See drawings.</li> </ol>   | ★ Oct 21 2010 ★  |
| b. Fiberboard Wall Sheathing: AHA A194.1, Type IV, Class 1 (regular density).  15. Particleboard:   | <ol> <li>Types as Applicable to Assembly: Endothermic and intumescent sealants, pillows, putty and wrap<br/>strips.</li> </ol>   | D. Adjust, clean, and protect.   | 5. Grade: Commercial.<br>a. Standard: AAMA/NWWDA 101/I.S. 2, Grade 40.   | OCI. 31. 2019 RENEWAL DATE   |
| a. Underlayment: ANSI A 208.1, Grade PBU, grade marked. 16. Building Paper: a. Material: Asphalt-saturated organic felt, ASTM D 226, Type I, No. 15 felt, unperforated.   | PART 3 EXECUTION 3.1 INSTALLATION  | END OF SECTION   | <ol> <li>Glazing: See drawings.</li> <li>Glazing Color: See drawings.</li> <li>Aluminum Finish: Clear anodized.</li> </ol>   | OF CALIFOT   |
| 17. Building Wrap:  a. Material: Asphalesaturated organic left, ASTW B 220, Type 1, No. 13 left, unperforated.  17. Building Wrap:  a. Material: Air-retarder sheeting made from polyolefins; cross-laminated films, woven  | <ul> <li>A. Review extent of work with authorities having jurisdiction and obtain approval of installation thicknesses and methods.</li> <li>B. Sequence work to avoid need for removal of firestopping by work of other trades.</li> </ul>  | SECTION 08 31 00   | 9. Auxiliary Materials: a. Ventilator opening limit device.  | Issue For:   |
| strands, or spun-bonded fibers; coated or uncoated; with or without perforations;ASTM E 1677, Type I.   | C. Comply with manufacturers' instructions and recommendations. Securely anchor insulation with safing clips.  Install firestopping without gaps or voids.   | ACCESS DOORS AND PANELS  | <ul><li>b. Window cleaner's bolts.</li><li>c. Operating hardware.</li></ul>  | BUILDING 2ND SUBMITTAL   |
| 18. Sill Sealer Gaskets:  a. Material: Glass fiber strip resilient insulation.  19. Framing Anchors and Fasteners:  | D. Protect, inspect and repair work until final acceptance.  | PART 1 GENERAL 1.1 SUMMARY   | d. Insect screening. e. Integral venetian blinds. f. Nonglazed vent bar.   | Issue Date:  |
| a. Material: Non-corrosive, suitable for load and exposure. Drywall screws are not acceptable.  PART 3 EXECUTION  | END OF SECTION   | <ul> <li>A. Provide access doors and panels for walls and ceilings.</li> <li>1.2 SUBMITTALS</li> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and</li> </ul>  | <ul><li>g. Exterior louver units.</li><li>h. Group operating system, manual operation.</li></ul>   | 04/20/2018  REVISIONS  |
| 3.1 INSTALLATION A. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated. B. Plywood: Comply with applicable recommendations contained in APA Form No. E30K, "APA  | SECTION 08 11 13 HOLLOW METAL DOORS AND FRAMES   | product used. 1.3 QUALITY ASSURANCE  | i. Group operating system, power driven operation. PART 3 EXECUTION 3.1 INSTALLATION   | NO. REASON DAT   |
| Design/Construction Guide: Residential & Commercial"  C. Provide nailers, blocking and grounds where required. Set work plumb, level and accurately cut.  | PART 1 GENERAL 1.1 SUMMARY   | A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have<br>been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and<br>store materials in accordance with manufacturer's instructions. | A. Fabricate windows to conform to AAMA standards and accept glass specified.  B. Install materials and systems in accordance with manufacturer's instructions and approved  |  |
| D. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Coordinate with other work.   | <ul> <li>A. Provide steel doors and frames.</li> <li>1.2 SUBMITTALS</li> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and</li> </ul>  | PART 2 PRODUCTS 2.1 MATERIALS  | submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.   |  |
| <ul> <li>E. Comply with manufacturer's requirements for cutting, handling, fastening and working treated materials.</li> <li>F. Restore damaged components. Protect work from damage.</li> <li>END OF SECTION</li> </ul>  | product used.  B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction,  | <ul> <li>A. Access Doors:</li> <li>1. Frames: 16-gauge (.0598 inch) stainless steel, AISI No. 4 satin finish with flange.</li> </ul>   | <ul> <li>C. Operation: Provide locking units with manual operation; provide pole for out of reach hardware.</li> <li>D. Restore damaged finishes and test for proper operation. Clean and protect work from damage.</li> </ul>   |  |
| SECTION 06 40 23  | connections, and relationship with adjacent construction.  1.3 QUALITY ASSURANCE  A Comply with governing codes and regulations. Provide products of acceptable manufacturers, which   | <ol> <li>Doors: 14-gauge (.0625 inch) stainless steel, AISI No. 4 satin finish.</li> <li>Door Type: Flush panel.</li> <li>Locking Devices: Cylinder locks.</li> </ol>  | END OF SECTION   |  |
| <u>INTERIOR ARCHITECTURAL WOODWORK</u> PART 1 GENERAL   | A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which<br>have been in satisfactory use in similar service for three years. Use experienced installers. Deliver,<br>handle, and store materials in accordance with manufacturer's instructions.   | 5. Fire Rating: NFPA 80.<br>PART 3 EXECUTION   | SECTION 08 71 00   |  |
| <ul> <li>1.1 SUMMARY</li> <li>A. Provide interior finish carpentry, architectural woodwork and countertops.</li> <li>1.2 SUBMITTALS</li> </ul>  | <ul> <li>B. Standards: ANSI/SDI-100, Recommended Specifications for Standard Steel Doors and Frames.</li> <li>C. Performance Standards:</li> </ul>   | <ul><li>3.1 INSTALLATION</li><li>A. Install materials and systems in accordance with manufacturer's instructions and approved submittals.</li></ul>  | DOOR HARDWARE  PART 1 GENERAL  1.1 SUMMARY   |  |
| A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.   | <ol> <li>Fire-Rated Assemblies: NFPA 80, and acceptable testing agency listing.</li> <li>Thermal-Rated Assemblies at Exterior: ASTM C 236 or ASTM C 976.</li> <li>Sound-Rated Assemblies at Mechanical Rooms: ASTM E 1408, and ASTM E 413.</li> </ol>  | Install materials and systems in proper relation with adjacent construction and with uniform appearance.  Coordinate with work of other sections. Install assemblies complete with all hardware, anchors, inserts, supports and accessories. Test and adjust operation.                      | 1.1 SUMMARY A. Provide door hardware. 1.2 SUBMITTALS   |  |
| B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.  | PART 2 PRODUCTS 2.1 MATERIALS  | B. Restore damaged finishes and test for proper operation. Clean and protect work from damage.   | <ul> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each<br/>material and product used.</li> </ul>  |  |
| <ul> <li>C. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.</li> <li>1.3 QUALITY ASSURANCE</li> </ul>  | A. Interior Steel Doors:  1. Material: Minimum 18 gauge steel sheet.  2. Thickness: 1-3/4 inches.  | END OF SECTION   | <ul> <li>B. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish.</li> <li>Include range samples if variation of finish is anticipated.</li> </ul>   |  |
| <ul> <li>Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have<br/>been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and</li> </ul>   | <ol> <li>I hickness: 1-3/4 inches.</li> <li>Finish: Factory primed and field painted.</li> <li>Finish: Factory finished.</li> </ol>  | SECTION 08 38 00   | C. Submit for approval hardware schedule proposed for use based on Owner's requirements.  1.3 QUALITY ASSURANCE  |  |
| store materials in accordance with manufacturer's instructions.  B. Standards: Architectural Woodwork Institute (AWI) 'Architectural Woodwork Standards.'  C. Preservative Treatment: Nonpressure method, exterior type, AWPA N1  | 5. Accessories: a. Sightproof stationary louvers.  | SECTION 08 38 00<br>TRAFFIC DOORS  PART 1 GENERAL  | <ul> <li>Comply with governing codes and regulations. Provide products of acceptable manufacturers,<br/>which have been in satisfactory use in similar service for three years. Use experienced</li> </ul>   | PRINCIPAL IN CHARGE:   |
| D. Fire-Retardant Treatment: 1. Lumber: AWPA C20, non-corrosive type.   | b. Glazing stops. c. Silencers. B. Interior Steel Frames:  | 1.1 SUMMARY A. Provide traffic doors.  | installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.  B. Hardware for Fire-Rated Openings: NFPA 80, and local requirements.  C. Materials and Application: ANSI A156 series standards.   | Approver  PROJECT MANAGER: Checker   |
| <ol> <li>Plywood: AWPA C27, non-corrosive type.</li> <li>Particleboard: ASTM E 84, flame spread 20 or less.</li> </ol>  | Material: Minimum 16 gauge steel sheet.     Corners: Mitered or coped.   | <ul> <li>SUBMITTALS</li> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.</li> </ul>  | PART 2 PRODUCTS 2.1 MATERIALS  | Checker DRAWN BY: Author   |
| <ul> <li>E. Wood Products: Comply with the following:</li> <li>1. Hardboard: AHA A135.4.</li> <li>2. Medium-Density Fiberboard: ANSI A208.2, Grade MD-Exterior Glue.</li> </ul>   | 3. Type: Welded. 4. Type: Knockdown. 5. Type: Drywall slip-on.   | <ul> <li>Shop Drawings: Submit shop drawings indicating material characteristics, details of construction,<br/>connections, and relationship with adjacent construction.</li> </ul>  | A. Door Hardware: 1. Quality Level: Commercial. 2. Locksets and Latchsets: Bored cylindrical type.   | Project Address:   |
| <ol> <li>Particleboard: ANSI A208.1, Grade M-2-Exterior Glue.</li> <li>Softwood Plywood: DOC PS 1, Medium Density Overlay.</li> </ol>   | Finish: Factory primed and field painted.     Finish: Factory finished.  | <ul> <li>1.3 QUALITY ASSURANCE</li> <li>A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which</li> </ul>   | <ol> <li>Lock Cylinders: Integral.</li> <li>Keying: Owner's requirements.</li> </ol>   | GEN BBQ<br>SACRAMENTO  |
| <ol> <li>Hardwood Plywood and Face Veneers: HPVA HP-1.</li> <li>Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship of each type of finish carpentry.</li> </ol>  | C. Exterior Steel Doors:  1. Material: Minimum 16 gauge galvanized steel sheet.  | have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.  PART 2 PRODUCTS  | <ol> <li>Hinges and Butts: Full-mortise type at interior, with nonremovable pins at exterior<br/>doors.</li> </ol>   |  |
| PART 2 PRODUCTS 2.1 MATERIALS   | <ol> <li>Door Thickness: 1-3/4 inches, thermally insulated.</li> <li>Finish: Factory primed and field painted.</li> <li>Finish: Factory finished.</li> </ol>   | 2.1 MATERIALS A. Traffic Doors:  | <ol> <li>Closers, Door Control, and Exit Devices: High frequency.</li> <li>Pivots: Offset or center-hung type.</li> <li>Push/Pull Units: Through-bolted type.</li> </ol>   | 1689,Ardenway Suite 1148 Sacramento  |
| Interior Standing and Running Trim and Rails:     Species for Opaque Finish: Any closed-grain hardwood.   | 5. Accessories:  a. Sightproof stationary louvers.   | <ol> <li>Manufacturers: Eliason Corp.</li> <li>Type: Single acting.</li> <li>Type: Double acting.</li> </ol>   | <ol> <li>Hardware Finishes: Satin chrome finish on exposed surfaces.</li> <li>Auxiliary Materials:</li> </ol>  | CA 95815   |
| 2. Grade: Premium. 3. Factory Finish: Transparent finish. 4. Factory Finish: Opaque finish.   | <ul><li>b. Glazing stops.</li><li>c. Silencers.</li></ul>  | <ol> <li>Type: Double acting.</li> <li>Type: Curtain.</li> <li>Panels: Reinforced flexible plastic with overlap at leading edge, stainless steel hinges, impact</li> </ol>   | Door Trim Units: Kickplates, edge trim, viewers, knockers, and mail drops. and related trim.  Stops and overhead door holders.   | Project Number:  |
| <ul><li>5. Site Finish: Transparent finish.</li><li>6. Site Finish: Opaque finish.</li></ul>  | <ul> <li>D. Exterior Steel Frames:</li> <li>1. Material: Minimum 14 gauge galvanized steel sheet.</li> <li>2. Corners: Mitered or coped.</li> </ul>  | plates. 6. Panels: Anodized aluminum with formed cover, impact plates.   | <ul> <li>b. Stops and overhead door holders.</li> <li>c. Interior sliding door hardware.</li> <li>d. Interior bifold door hardware.</li> </ul>   | 145-001-17 Sheet Title:  |
| B. Interior Plastic Laminate Clad Casework:  1. Laminate: High pressure decorative laminate, NEMA LD-3.  Crade: Promium   | 3. Type: Welded.<br>4. Type: Knockdown.  | <ol> <li>Panels: Polished stainless steel over 3/8 inch plywood, impact plates.</li> <li>Panels: ABS plastic, reinforced, finished with rigid fiberglass, impact plates.</li> <li>Panels: Plywood core with plastic laminate facing, impact plates.</li> </ol>                               | <ul><li>e. Interior pocket door hardware.</li><li>f. Soundstripping.</li></ul>   | DESIGN SPECIFICATION   |
| Grade: Premium.     Frame Fabrication: Frameless. C. Interior Casework Hardware and Auxiliary Materials:  | 5. Finish: Factory primed and field painted. 6. Finish: Factory finished. E. Interior Preassembled Steel Doors and Frames:   | <ul> <li>10. Panels: Aluminum core with ABS facings, insulated.</li> <li>11. Frames: Suitable for service.</li> </ul>  | g. Weatherstripping and thresholds. h. Electromagnetic hold-open devices. i. Card-operated opening devices.  |  |
| <ol> <li>Hardware Standard: ANSI/BHMA A156.9.</li> <li>Hardware Finish and Base Metal: Satin stainless steel.</li> </ol>  | E. Interior Preassembled Steel Doors and Frames:  1. Material: Minimum 22 gauge steel sheet.  2. Door Thickness: 1-3/4 inches.   | PART 3 EXECUTION 3.1 INSTALLATION  | j. Knox box for fire emergency keys. PART 3 EXECUTION  |  |
| D. Interior Plastic Laminate Clad Countertops: 1. Laminate: High pressure decorative laminate, NEMA LD-3. 2. Grade: Premium.  | <ol> <li>Door Faces: Flush.</li> <li>Door Faces: Embossed panels.</li> </ol>   | <ul> <li>A. Take field measurements prior to fabrication, where possible. Form to required shapes and sizes with true, straightedges, lines and angles.</li> <li>B. Install materials and systems in accordance with manufacturer's instructions and approved</li> </ul>                     | <ul><li>3.1 INSTALLATION</li><li>A. Follow guidelines of DHI 'Recommended Locations for Builder's Hardware and hardware</li></ul>  |  |
| 3. Core: Plywood.<br>4. Edge: Laminate.   | <ol> <li>Finish: Factory finished.</li> <li>Exterior Preassembled Steel Doors and Frames:</li> <li>Material: Minimum 22 gage galvanized steel sheet.</li> </ol>  | submittals. Install materials and systems in proper relation with adjacent construction.  Coordinate with work of other sections.  | manufacturers' instructions.  B. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with  | Sheet Number:  |
| E. Interior Solid Surfacing Material Countertops: 1. Type: Homogeneous solid sheets ANSI Z124.3, for Type 5 or Type 6, without a precoatefinish.  | <ol> <li>Door Thickness: 1-3/4 inches, thermally insulated.</li> <li>Type: Two-piece adjustable split jamb.</li> </ol>   | C. Test for proper operation. Restore damaged finishes and protect work.   | uniform appearance. Coordinate withwork of other sections.  C. Adjust operation, clean and protect.  | CCEO1  |
| 2. Grade: Premium. 3. Edge: Decorative.   | 4. Finish: Factory finished.   | END OF SECTION   | END OF SECTION   | CS501  |
|   |  |  |  |  |

|  |   | SECTION 09 65 13   |  |   |
|--|---|--|--|---|
| SECTION 08 80 00 GLAZING   | PART 2 PRODUCTS 2.1 MATERIALS   | RESILIENT BASE AND ACCESSORIES   | C. Gypsum Drywall Walls, Multicolor Finish:  | Design Consultant:  |
| PART 1 GENERAL 1.1 SUMMARY   | A. Steel Framing for Walls and Partitions: 1. Material Standard: ASTM C645.   | PART 1 GENERAL 1.1 SUMMARY   | 1. System: a. 1 coat latex primer  |   |
| A. Provide glass and glazing.  | 2. Stud Thickness: 20 gauge (.0329 inch). 3. Stud Thickness: 22 gauge (.0276 inch).   | A. Provide resilient wall base and accessories.     SUBMITTALS   | b. 1 coat spray applied multicolor finish D. Gypsum Drywall Walls to Receive Wall Covering:  |   |
| <ul><li>1.2 SUBMITTALS</li><li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and</li></ul>   | 4. Stud Thickness: 25 gauge (.0179 inch). 5. Stud Depth, Typical: 2-1/2 inches.   | <ul> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and<br/>product used.</li> </ul>  | 1. System: a. 1 coat latex primer  |   |
| product used.  B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction,  | 6. Stud Depth, Typical: 3-5/8 inches.   | B. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish.   | E. Gypsum Drywall Ceilings: 1. Gloss:  |   |
| connections, and relationship with adjacent construction. C. Samples: Submit two representative samples of each material specified indicating visual characteristics   | 7. Stud Depth, Typical: 4 inches. 8. Stud Depth, Typical: 6 inches. 9. Stud Depth, Typical: 70 gauge (2000 inch)  | Include range samples if variation of finish is anticipated.  C. Submit extra stock equal to 2% of total used.   | a. Flat<br>2. System:  |   |
| and finish. Include range samples if variation of finish is anticipated.   | <ul> <li>9. Furring Channel Thickness: 20 gauge (.0329 inch).</li> <li>10. Furring Channel Thickness: 25 gauge (.0179 inch).</li> </ul>   | Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in  | a. 1 coat latex primer b. 2 coats latex finish   | ARCHITECTURE  |
| <ul> <li>D. Warranty: Submit manufacturer's standard warranty. Include labor and materials to repair or replace<br/>defective materials.</li> </ul>  | 11. Auxiliary Framing Components: Furring brackets, resilient furring channels, Z-furring members, and noncorrosive fasteners.  | satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.  | F. Plaster: 1. Gloss:  | Innovation and Design in  |
| Laminated Glass: Manufacturer's 5-year warranty.     Coated Glass: Manufacturer's 10-year warranty.  | <ul><li>B. Steel Framing for Suspended and Furred Ceilings:</li><li>1. Material Standard: ASTM C645.</li></ul>  | B. Performance: Fire performance meeting requirements of building code and local authorities. PART 2 PRODUCTS  | a. Flat<br>2. System:  | Architecture, Inc.  |
| Insulating Glass: Manufacturer's 10-year warranty.     Mirror Glass: Manufacturer's 5-year warranty.   | <ol> <li>Attachment: Standard.</li> <li>Attachment: Resilient.</li> </ol>   | 2.1 MATERIALS A. Resilient Wall Base:  | a. 1 coat latex primer b. 2 coats latex finish   | 218 The Promenade North<br>Long Beach, CA 90802   |
| 1.3 QUALITY ASSURANCE A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which  | <ol> <li>Stud Thickness: 20 gauge (.0329 inch).</li> <li>Stud Thickness: 22 gauge (.0276 inch).</li> </ol>  | 1. Standard: ASTM F 1861.  | G. Wood for Painted Finish: 1. Gloss:  | www.idaexperience.net   |
| have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.   | <ul><li>6. Stud Thickness: 25 gauge (.0179 inch).</li><li>7. Accessories: Furring channels, hangers and inserts.</li></ul>  | 2. Type: TV (vinyl). 3. Style: Cove.   | a. Semi<br>2. System:  | Architect:  |
| B. Glazing for Fire-Rated Assemblies: Glazing for assemblies that comply with NFPA 80 C. Safety Glazing Products: Comply with testing requirements in 16 CFR 1201 and, for wired glass, ANSI Z97.1.  | PART 3 EXECUTION 3.1 INSTALLATION   | 4. Thickness: 0.125 inch 5. Height: 4 inches.  | a. 1 coat interior alkyd enamel undercoat b. 2 coats latex enamel  |   |
| D. Glazing Publications:  GANA Publications: GANA's 'Glazing Manual.' and 'Laminated Glass Design Guide.'  | <ul> <li>A. Provide fire-rated systems where indicated and where required by authorities having jurisdiction.</li> <li>B. Where new partitions meet existing construction, remove existing cornerbeads to provide a smooth</li> </ul>                     | PART 3 EXECUTION 3.1 INSTALLATION  | H. Wood for Transparent Finish:  1. Gloss:   | Geoffrey B. Lim   |
| <ol> <li>AAMA Publications: AAMA GDSG-1, 'Glass Design for Sloped Glazing,' and AAMA TIR-A7, 'Sloped</li> </ol>  | transition.  C. Provide acoustical sealant at both faces at top and bottom runner tracks, wall perimeters, openings.  | <ul> <li>A. Comply with manufacturer's instructions and recommendations. Install in proper relation to adjacent work.</li> <li>B. Install base and accessories to minimize joints. Install base with joints as far from corners as practical.</li> </ul> | a. Satin   | aia, ncarb, leed ap   |
| Glazing Guidelines.'  3. IGMA Publication for Sloped Glazing: IGMA TB-3001, 'Sloped Glazing Guidelines.'   | expansion and control joints.   | C. Clean, polish, and protect.   | 2. System:  a. 1 coat water base sealer  b. 2 coats water base vernich  2. System:  a. 2 coats water base vernich  | Plans, maps, specifications, studies, and reports not containing  |
| 4. IGMA Publication for Insulating Glass: SIGMA TM-3000, 'Glazing Guidelines for Sealed Insulating Glass Units.'   | END OF SECTION  | END OF SECTION   | b. 2 coats water base varnish  I. Wood for Stain Finish:   | a red ink seal imprint accompanied by an original<br>signature by the licensed professional may have been   |
| E. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship. 1. Each type of glazing.   | SECTION 09 30 00 TILING   | SECTION 09 70 00   | 1. Gloss: a. Satin   | fraudulently altered and shall not be considered an original<br>copy. All information should be disregarded unless verified by<br>the professional whose signature appears above.   |
| PART 2 PRODUCTS 2.1 MATERIALS  | 1.1 SUMMARY   | WALL FINISHES  PART 1 GENERAL  | System:     a. 1 coat water base wood stain  | Copyright Protected 2018.   |
| <ul><li>A. Glass and Glazing:</li><li>1. Type: See drawings, tempered at locations as required by Code.</li></ul>  | A. Provide tile. 1.2 SUBMITTALS   | 1.1 SUMMARY  | b. 1 coat water base sealer c. 2 coats water base varnish  | President Communication   |
| Auxiliary Materials:.     a. Compression gaskets.  | A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.   | A. Provide wall coverings and surface preparation.     SUBMITTALS  | J. Exterior Wood for Stain Finish: 1. System:  | Project Owner:  |
| b. Elastomeric glazing sealants. c. Preformed glazing tapes.   | <ul> <li>B. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish.</li> </ul>  | <ul> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and<br/>product used.</li> </ul>  | <ul> <li>a. 2 coats semi-transparent stain, oil or alkyd resin base</li> <li>K. Exterior Wood for Painted Finish:</li> </ul>   |   |
| d. Glazing gaskets.  e. Setting blocks, spacers, and compressible filler rods.   | Include range samples if variation of finish is anticipated.  1. Include manufacturers full range of color and finish options if additional selection is required.  | <ul> <li>B. Samples: Submit two representative samples of each material specified indicating visual characteristics<br/>and finish.</li> </ul>   | 1. Gloss:<br>a. Semi   |   |
| f. Mirror adhesive, top and bottom angles and clips.  PART 3 EXECUTION   | <ul> <li>1.3 QUALITY ASSURANCE</li> <li>A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been</li> </ul>  | Include range samples if variation of finish is anticipated.  C. Extra Stock: Submit extra stock equal to 2 unopened rolls of each type of wall covering used.   | 2. System: a. 1 coat exterior primer   |   |
| 3.1 INSTALLATION A. Inspect framing and report unsatisfactory conditions in writing.   | in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.  | QUALITY ASSURANCE     A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which  | b. 2 coats latex enamel  L. Concrete Masonry Units:  |   |
| B. Comply with GANA "Glazing Manual" and manufacturers instructions and recommendations. Use   | B. Tile: ANSI A 137.1. C. Tile Setting Materials: ANSI A 118 series standard specifications.  | have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.   | 1. Gloss: a Flat   |   |
| manufacturer's recommended spacers, blocks, primers, sealers, gaskets and accessories.  C. Install glass with uniformity of pattern, draw, bow and roller marks.  D. Install geologies to provide complete worting and bond and to greate a substantial week away from glass.  | D. Tile Installation: ANSI A Tro series standard specifications and Tile Council of America, Handbook for Ceramic Tile Installation.  | B. Performance: Fire performance meeting requirements of building code and local authorities. PART 2 PRODUCTS  | 2. System:   | / ENI   |
| D. Install sealants to provide complete wetting and bond and to create a substantial wash away from glass.  E. Set mirrors on stainless steel clips and adhere to wall with mirror adhesive.   | E. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.   | 2.1 MATERIALS A. Decorative Metal Wall Panels:   | a. 1 coat latex block filler b. 2 coats latex finish   | GEN   |
| <ul> <li>Remove and replace damaged glass and glazing. Wash, polish and protect all glass supplied under this<br/>section.</li> </ul>  | PART 2 PRODUCTS 2.1 MATERIALS   | Material and Finish: See drawings.   | M. Concrete Walls: 1. Gloss:   | KOREAN BBQ HOUSE  |
| END OF SECTION   | A. Tile:  1. Application: Interior wall tile over gypsum wallboard.   | 2. Face Sheet: Solid. 3. Face Sheet: Perforated with acoustic core.  Proporative Laminate Faced Wall Panels:   | a. Flat<br>2. System:  |   |
| SECTION 09 21 16   | <ol> <li>Application: Interior wall tile over tile backer board at wet areas.</li> <li>Application: Interior wall tile over concrete and concrete masonry units.</li> </ol>   | B. Decorative Laminate-Faced Wall Panels:  1. Manufacturers: See drawings.  2. Material: Decorative plantic laminate facing and composite core healing.  | a. 1 coat latex primer b. 2 coats latex finish   |   |
| GYPSUM BOARD ASSEMBLIES  PART 1 GENERAL  | <ol> <li>Application: Interior floor tile over concrete slab.</li> <li>Application: Interior floor tile over plywood and wood framing.</li> </ol>   | <ol> <li>Material: Decorative plastic laminate facing and composite core backing.</li> <li>Trim: Matching trim.</li> </ol>   | N. Ferrous Metals: 1. Gloss:   |   |
| 1.1 SUMMARY  | <ol> <li>Application: Exterior wall tile on concrete or masonry backup.</li> <li>Application: Exterior wall tile on tile backer board.</li> </ol>   | C. Rigid Vinyl Wall Covering: 1. Manufacturers: See drawings.  | a. Semi<br>2. System:  |   |
| A. Provide gypsum board assemblies.  1.2 SUBMITTALS  | <ol> <li>Application: Exterior floor tile on slab-on-grade.</li> <li>Application: Exterior floor tile on suspended slabs.</li> </ol>  | <ol> <li>Material and Finish: High-impact acrylic/PVC sheet with textured finish.</li> <li>Trim: Matching trim.</li> </ol>   | <ul><li>a. 1 coat rust-inhibiting primer</li><li>b. 2 coats latex enamel</li></ul>   |   |
| A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.  | <ul><li>10. Application: Remodeling of existing tile work.</li><li>11. Type: Ceramic mosaic tile.</li></ul>   | D. Vinyl Wall Covering: 1. Manufacturers: See drawings.  | O. Galvanized Metal: 1. Gloss:   | Stamp:  |
| <ul> <li>1.3 QUALITY ASSURANCE</li> <li>A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have</li> </ul>  | 12. Type: Porcelain tile. 13. Type: Quarry tile.  | <ol> <li>Stain Resistance: Factory applied polyvinyl fluoride or polymer coating.</li> <li>Serviceability: ASTM F 793 for peelable or strippable wall coverings.</li> </ol>  | a. Semi<br>2. System:  |   |
| been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.  | 14. Type: Paver tile. 15. Type: Glass Tile.   | E. Textile Wall Covering: 1. Manufacturers: See drawings.  | a. 1 coat galvanized metal primer b. 2 coats alkyd enamel  | CFD ARCU  |
| <ul> <li>B. Tolerances: Not more than 1/16-inch difference in true plane at joints between adjacent boards before finishing.</li> </ul>  | 16. Type: Metallic Tile. 17. Type: Natural Clay Tile.   | <ol> <li>Type: ASTM F 793, Category III, Decorative with Medium Serviceability.</li> <li>Fiber: Cotton wall covering.</li> </ol>   | END OF SECTION   | FFREY   |
| After finishing, joints shall be not be visible. Not more than 1/8 inch in 10 feet deviation from true plane, plumb,level and proper relation to adjacent surfaces in finished work.   | 18. Type: Quartz Stone Tile.  | 4. Fiber: Linen wall covering. 5. Fiber: Silk wall covering.   | END OF SECTION   | ( Supplied to the state of the |
| C. Fire Resistance for Fire-Rated Assemblies: ASTM E 119.  D. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship and level of finish.   | 19. Type: Terrazzo Tile. 20. Type: Slate Tile.  | F Wood Veneer Wall Covering:   | SECTION 10 21 13   | <b>★</b> 33396 <b>★</b>   |
| E. Performance: Fire, structural, and seismic performance meeting requirements of building code and local authorities.   | 21. Type: Stone Tile. B. Setting Materials:   | <ol> <li>Manufacturers: See drawings.</li> <li>Species: See drawings.</li> </ol>   | TOILET COMPARTMENTS  | Oct. 31. 2019 RENEWAL   |
| PART 2 PRODUCTS 2.1 MATERIALS  | Mortar setting bed.     a. Latex additive.  | <ol> <li>Veneer Cut: See drawings.</li> <li>Sheet Match: See drawings.</li> </ol>  | PART 1 GENERAL 1.1 SUMMARY   | OF CALIFOR  |
| A. Gypsum Board:   | Thin-set mortar.     a. Dry-set Portland cement mortar.   | <ul><li>5. Finish: Factory sanded for field finish.</li><li>6. Finish: Prefinished.</li></ul>  | A. Provide toilet partitions and screens.  1.2 SUBMITTALS  |   |
| <ol> <li>Application: Interior walls, partitions, and ceilings with tape and joint compound finish.</li> <li>Application: Abuse-resistant board at corridors.</li> </ol>   | <ul><li>b. Latex-Portland cement mortar.</li><li>c. Conductive dry-set mortar.</li></ul>  | G. Wallpaper: 1. Manufacturers: See drawings.  | <ul> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and<br/>product used.</li> </ul>  | Issue For:  |
| <ol> <li>Application: Cementitious backer units for application of tile.</li> <li>Application: Soffit board at exterior ceilings and soffits.</li> </ol>   | <ul><li>d. Chemical-resistant epoxy adhesive.</li><li>e. Chemical-resistant furan mortar.</li></ul>   | <ol> <li>Type: ASTM F 793, Category I, Decorative Only.</li> <li>Stain Resistance: Factory applied coating.</li> </ol>   | <ul> <li>Shop Drawings: Submit shop drawings indicating material characteristics, details of construction,<br/>connections, and relationship with adjacent construction.</li> </ul>      | BUILDING 2ND SUBMITTAL  |
| <ul><li>5. Application: Insulation and vapor barrier systems in gypsum board assemblies.</li><li>6. Application: Remodeling at existing gypsum board construction.</li></ul>   | f. Modified epoxy emulsion mortar.  3. Organic adhesive.  | PART 3 EXECUTION 3.1 INSTALLATION  | C. Samples: Submit two representative samples of each material specified indicating visual characteristics<br>and finish.Include range samples if variation of finish is anticipated.    | Issue Date:   |
| <ol> <li>Application: Installation of access panels in gypsum board assemblies.</li> <li>Material Standard: ASTM C1396.</li> </ol>   | 4. Grout. a. Sand-Portland cement grout.  | <ul> <li>A. Acclimatize materials; prime and seal substrates; test substrates for moisture content and prepare<br/>surfaces in compliance with manufacturer's recommendations.</li> </ul>  | <ul> <li>1.3 QUALITY ASSURANCE</li> <li>A. Comply with governing codes and regulations. Provide products of acceptable manufacturers which</li> </ul>                                    | 04/20/2018  |
| 9. Type: Board for tape and joint compound finish. a. Type: Regular, moisture-resistant and fire-rated types as required.  | b. Dry-set grout. c. Latex-Portland cement grout.   | B. Install in accordance with manufacturer's instructions. Apply adhesive and install with seams plumb and overlapped and double-cut to ensure tight closure except where pattern would not match. Do not place seams                                    | have been insatisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.        | REVISIONS   |
| b. Typical Thickness: 5/8 inch. 10. Type: Water-resistant gypsum backing board.  | d. Chemical-resistant epoxy grout. e. Chemical-resistant furan resin grout.   | within 6" of corners.  C. Remove air bubbles, blisters, wrinkles and other defects; horizontal seams are not permitted. Remove excess  | PART 2 PRODUCTS 2.1 MATERIALS  | NO. REASON DATE   |
| <ul> <li>Type: Regular and fire-rated types as required:</li> <li>Typical Thickness: 5/8 inch.</li> </ul>  | f. Silicone rubber elastomeric grout for pregrouted sheets.   | adhesive immediately; clean walls and protect surfaces.  | A. Toilet Compartments:  1. Compartments: Floor-anchored, overhead braced.   |   |
| <ul><li>Type: Sag-resistant gypsum board.</li><li>a. Type: Regular and fire-rated types as required for ceilings.</li></ul>  | 5. Waterproofing membrane under tile. a. ANSI A 118.10.   | END OF SECTION   | Screens: Wall-hung.     Style: Maximum privacy style.  |   |
| b. Thickness: 1/2 inch.  12. Type: Exterior soffit board.  | 6. Crack suppression membrane under tile. a. ANSI A 118.10.   | SECTION 09 91 00   | 4. Material: Stainless steel.  |   |
| a. Type: Regular and fire-rated types as required: b. Typical Thickness: 5/8 inch.   | <ul><li>7. Elastomeric sealants.</li><li>8. Stone thresholds.</li></ul>   | PART 1 GENERAL   | a. ASTM A 666, Type 304 stainless steel, No. 4 bright, directional polish.  PART 3 EXECUTION   |   |
| 13. Type: Abuse-resistant board.   | PART 3 EXECUTION 3.1 INSTALLATION   | 1.1 SUMMARY  A. Provide painting and surface preparation.  | 3.1 INSTALLATION  A. Install materials and systems in accordance with manufacturer's instructions and approved submittals.   |   |
| a. Typical Thickness: 5/8 inch.  14. Type: Vinyl-film-faced gypsum board.  Typical Thickness: 5/8 inch.  | <ul> <li>Comply with Tile Council of America and ANSI Standard Specifications for Installation for substrate and installation<br/>required. Comply with manufacturer's instructions and recommendations.</li> </ul>                                       | A. Product Data: Submit manufacturer's product data and installation instructions for each material and  | Install materials and systems in proper relation with adjacent construction and with uniform appearance.  Coordinate with work of other sections.  |   |
| <ul> <li>a. Typical Thickness: 5/8 inch.</li> <li>15. Joint Treatment: ASTM C474 and ASTM C840, 3-coat system, paper or fiberglass tape.</li> </ul>  | <ul> <li>B. Install waterproof membrane in accordance with manufacturer's instructions and recommendations.</li> <li>C. Lay tile in grid pattern with alignment grids. Layout tile to provide uniform joint widths and to minimize cutting; do</li> </ul> | product used.  B. Samples: Submit two representative samples of each material specified indicating visual characteristics  | <ul><li>B. Limit openings between panels, doors and pilasters to less than 1/2".</li><li>C. Adjust hardware, clean, and protect work.</li></ul>  |   |
| 16. Auxiliary Materials: a. Cornerbead, edge trim and control joints.  | not use less than 1/2 tile units.  D. Provide sealant joints where recommended by TCA and approved by Architect.  | and finish. Include range samples if variation of finish is anticipated.   |  |   |
| <ul><li>b. Extruded aluminum reveals and channels.</li><li>c. Gypsum board screws, ASTM C 1002.</li></ul>  | E. Grout and cure, clean and protect.  3.2 SCHEDULE   | Include manufacturers full range of color and finish options if additional selection is required.     Extra Stock: Submit 2 unopened gallons of each paint and color used in the project.  | END OF SECTION   |   |
| d. Gypsum board nails, ASTM C 514. e. Fastening adhesive.  | A. Tile Schedule: See drawings.   | QUALITY ASSURANCE     A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which  |  |   |
| f. Concealed acoustical sealant. g. Mineral fiber sound attenuation blankets.  | END OF SECTION  | have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.   | SECTION 10 28 13 TOILET ACCESSORIES  |   |
| h. Mineral fiber thermal insulation. i. Polyethylene vapor retarder, 6 mils.   | SECTION 09 51 00 ACOUSTICAL CEILINGS  | B. Regulations: Compliance with VOC and environmental regulations. C. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.   |  |   |
| j. Polystyrene aggregated finish for ceilings.<br>k. Acoustical finish.  | PART 1 GENERAL<br>1.1 SUMMARY   | 1. Provide 4 foot x 4 foot mock-ups of each type of surface. PART 2 PRODUCTS   | PART 1 GENERAL 1.1 SUMMARY   |   |
| B. Cementitious Backer Units: 1. Material Standard: ANSI A118.9.   | A. Provide acoustical ceilings and suspension systems.  1.2 SUBMITTALS  | 2.1 MATERIALS  | A. Provide toilet, bath and laundry accessories.  1.2 SUBMITTALS   | PRINCIPAL IN CHARGE: Approver   |
| Type: Cement-coated Portland cement panels.     Thickness: 1/2 inch nominal.   | A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.   | A. Painting:  1. Manufacturers: Benjamin Moore & Co.; Sherwin-Williams.  2. Application: Interior unfinished surfaces  | A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.  | PROJECT MANAGER:<br>Checker   |
| PART 3 EXECUTION  3.1 INSTALLATION   | B. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish.  | <ol> <li>Application: Interior unfinished surfaces.</li> <li>Application: Exterior unfinished surfaces.</li> </ol>   | <ul> <li>B. Shop Drawings: Submit shop drawings indicating material characteristics, details of<br/>construction, connections, and relationship with adjacent construction.</li> </ul>   | DRAWN BY: Author  |
| A. Install gypsum board for tape and 3-coat joint compound finish in compliance with ASTM C 840 and GA 216,  | Include range samples if variation of finish is anticipated.  | <ol> <li>Application: Exposed mechanical and electrical items.</li> <li>Application: Repainting of existing surfaces.</li> </ol>   | <ul> <li>1.3 QUALITY ASSURANCE</li> <li>A. Comply with governing codes and regulations. Provide products of acceptable manufacturers,</li> </ul>   | Project Address:  |
| Level 4 finish. Install gypsum board assemblies true, plumb, level and in proper relation to adjacent surfaces.  B. Provide fire-rated systems where indicated and where required by authorities having jurisdiction.  C. Install boards vertically. Do not allow butt-to-butt joints and joints that do not fall over framing members | C. Extra Stock: Submit extra stock equal to 2 percent of amount installed.  1.3 QUALITY ASSURANCE  A Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have  | 6. Primary Coating Type: Latex based paints. 7. Primary Paint Systems: Primer plus two finish coats.   | which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions. | GEN BBQ   |
| C. Install boards vertically. Do not allow butt-to-butt joints and joints that do not fall over framing members.  D. Where new partitions meet existing construction, remove existing cornerbeads to provide a smooth  | A. 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                                    | PART 3 EXECUTION 3.1 INSTALLATION  | PART 2 PRODUCTS  2.1 MATERIALS   | SACRAMENTO  |
| transition.  E. Provide insulation full height and thickness in partitions at conference rooms, toilet rooms, between different  | store materialsin accordance with manufacturer's instructions.  B. Performance: Fire, structural, and seismic performance meeting requirements of building code and local   | <ul> <li>A. Inspect surfaces, report unsatisfactory conditions in writing; beginning work means acceptance of substrate.</li> <li>B. Comply with manufacturer's instructions and recommendations for preparation, priming and coating work.</li> </ul>   | A. Toilet and Bath Accessories:  1. Accessory: Paper towel dispensers.   | 1690 Ardonwov   |
| occupancies, and where required. F. Provide acoustical sealant at both faces at top and bottom runner tracks, wall perimeters, openings,   | authorities. Acoustical performance based on project requirements. PART 2 PRODUCTS  | Coordinate with work of other sections. C. At existing areas to be repainted, remove blistered or peeling paint to sound substrates. Remove chalk deposits   | <ol><li>Accessory: Toilet tissue dispensers, double roll.</li></ol>  | 1689,Ardenway Suite 1148 Sacramento   |
| expansion and control joints. G. Install trim in strict compliance with manufacturer's instructions and recommendations.   | 2.1 MATERIALS A. Mineral Fiber Acoustical Ceilings:   | and mildew and wash all surfaces with mild detergent. Perform related minor preparation including caulk and glazing compounds. Spot prime bare areas before priming and painting as specified.   | <ol> <li>Accessory: Waste receptacles.</li> <li>Accessory: Combination towel dispenser/waste receptacle units.</li> </ol>  | CA 95815  |
| H. Repair surface defects. Leave ready for finish painting or wall treatment.  | <ol> <li>Panel Size: As selected.</li> <li>Panel Edge: As selected.</li> </ol>  | D. Match approved mock-ups for color, texture, and pattern. Re-coat or remove and replace work which does not match or shows loss of adhesion. Clean up, touch up and protect work.  | <ol> <li>Accessory: Multipurpose units.</li> <li>Accessory: Grab bars.</li> </ol>  | Project Number:   |
| END OF SECTION SECTION 09 22 16  | 3. Grid: Exposed flush grid. 4. Suspension System: Heavy duty.  | 3.2 PAINT SCHEDULE A. Gypsum Drywall Walls:  | <ol> <li>Accessory: Soap dispensers, wall mounted.</li> <li>Accessory: Seat cover dispensers.</li> </ol>   | 145-001-17  |
| NON-STRUCTURAL METAL FRAMING   | 5. Auxiliary Materials: a. Edge molding and trim.   | 1. Gloss:  | <ol> <li>Accessory: Undercounter lavatory pipe guards.</li> <li>Accessory: Electric hand dryers.</li> </ol>  | Sheet Title:  |
| PART 1 GENERAL  1.1 SUMMARY  | b. Hold-down clips and impact clips. c. Concealed acoustical sealant.   | a. Flat 2. System:   | 11. Finish: Stainless steel. PART 3 EXECUTION  | DESIGN SPECIFICATION  |
| A. Provide non-structural metal framing for gypsum board assemblies.  1.2 SUBMITTALS  1.3 SUBMITTALS   | PART 3 EXECUTION  | a. 1 coat latex primer b. 2 coats latex finish   | <ul> <li>3.1 INSTALLATION</li> <li>A. Install materials and systems in accordance with manufacturer's instructions and approved submittals.</li> </ul>                                   |   |
| <ul> <li>A. Product Data: Submit manufacturer's product data and installation instructions for each material and product<br/>used.</li> </ul>  | 3.1 INSTALLATION  A. Install materials and suspension systems in accordance with manufacturer's instructions and  | <ul><li>B. Gypsum Drywall Walls and Ceilings in Bathrooms, Kitchens and Wet Areas:</li><li>1. Gloss:</li></ul>   | Install materials and systems in proper relation with adjacent construction and with uniform appearance.  Coordinate with work of other sections.  |   |
| <ul> <li>1.3 QUALITY ASSURANCE</li> <li>A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have</li> </ul>  | recommendations, and ASTM C 636. Coordinate installation with location of mechanical and electrical work to ensure proper locations   | a. Semi<br>2. Texture:   | B. Restore damaged finishes and test for proper operation. Clean and protect work from damage.   |   |
| been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.  | and anchorage.  B. Level ceiling to within 1/8 inch in 10 feet in both directions. Scribe and cut panels to fit accurately. Measure and   | a. Stipple<br>3. System:   |  |   |
| B. Tolerances: Not more than 1/8 inch in 10 feet deviation from true plane, plumb, level and proper relation to adjacent surfaces in finished work.  | layout to avoid less than half panel units. C. Removal and reinstallation at existing ceilings: Remove and store materials for reuse when allowed. Handle with  | a. 1 coat latex primer b. 2 coats latex finish   | END OF SECTION   | Sheet Number:   |
| C. Fire Resistance for Fire-Rated Assemblies: ASTM E 119.  D. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship and level of finish.   | white gloves and avoid damaging corners and edges. Clean tiles and grid system, which have been removed. Provide additional materials to complete the work and to replace damaged existing materials. New materials                                       |  |  |   |
| E. Performance: Fire, structural, and seismic performance meeting requirements of building code and local authorities.   | shall match existing materials as approved.  D. Adjust, clean, and touch-up all system components.  |  |  | CS502   |
|  | END OF SECTION  |  |  |   |

```
Product Data: Submit manufacturer's product data and installation instructions for each material
                                   and product used.
                          Shop Drawings: Submit shop drawings indicating material characteristics, details of construction,
                                   connections, and relationship with adjacent construction.
  1.3 QUALITY ASSURANCE
                   A. Comply with governing codes and regulations. Provide products of acceptable manufacturers
                                   which have been insatisfactory use in similar service for three years. Use experienced
  installers.
                                                    Deliver, handle, and store materials in accordance with manufacturer's
  instructions.
                           Standards: UL and FM listed products, NFPA 10.
                           Regulations: ADAAG.
  PART 2 PRODUCTS
  2.1 MATERIALS
                           Fire Extinguishers:
                                    Type: Per project requirements.
                                    Rating: Sized for project requirements.
                                   Public Area Mounting: Cabinet mounted.
                                  Service Area Mounting: Metal brackets.
                                           Cabinets:
                                                    Mounting: Semi-recessed.
                                                    Trim: Trimless.
                                                    Doors: Aluminum, clear anodized finish.
                                                   Door Style: Full-glass panel.
                                                    Accessories:

 Glass breaker or fire handle.

  PART 3 EXECUTION
                          Install materials and systems in accordance with manufacturer's instructions and approved submittals.
                           Install materials and systems in proper relation with adjacent construction and with uniform appearance.
                           Coordinate withwork of other sections.
                          Install fire extinguishers in mechanical and service areas with wall-hung brackets at locations and heights
                           indicated and acceptable to authorities having jurisdiction.
                           Install fire extinguishers in cabinets in public areas plumb and level at heights acceptable to authorities
                           having jurisdiction.
                          Restore damaged finishes. Clean and protect work from damage.
                                                    END OF SECTION
                                                    SECTION 26 51 00
                                                   INTERIOR LIGHTING
  1.1 SUMMARY

 A. Provide interior lighting.

  1.2 SUBMITTALS
                   Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
                   Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and
                   relationship with adjacent construction.
                   Operation and Maintenance Data: Submit manufacturer's operation and maintenance data, including operating
                   instructions, list of spare parts and maintenance schedule.
  1.3 QUALITY ASSURANCE
           A. 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 manufacturer's instructions.
          B. Compliance: NFPA 70 "National Electrical Code."
  PART 2 PRODUCTS
 2.1 MATERIALS
          A. Interior Lighting:
                           Application: Locations indicated.
                           Sustainable Design: Utility efficient equipment and fixtures.
                           Components: Suitable for service.
                                  Fluorescent Fixtures: UL 1570; ballasts, UL 935, energy saving.
                                  High Intensity Discharge (HID) Fixtures: UL 1572; ballasts, UL 1029.
                                    Incandescent Fixtures: UL 1571.
                                   LED Fixtures: UL 844.
                                   LED Light Source: UL 8750.
                                    Fixtures for Hazardous Locations: UL 844.
                                    Track Lighting Systems: UL 1574.
                                  Exit Signs: UL 924, self-powered battery type and luminous source type.
                                    Emergency Lighting Units: UL 924.
                                    Emergency Fluorescent Power Supply: UL 924.
                                   Lamps: ANSI Standards, C78 series.
                                     Suspended Fixture Support Components: Stem, rod, and hook hangers.
  PART 3 EXECUTION
  3.1 INSTALLATION
                  A. Install materials and systems in accordance with manufacturer's instructions and approved submittals.
                                    exposed work. Coordinate with work of other sections. Provide proper clearances for servicing.
                           Maintain indicated fire ratings of walls, partitions, ceilings and floors at penetrations. Seal with
                            firestopping to maintain fire rating.
                            Test all systems for proper operation. Label circuits in electrical panels.
                           Restore damaged finishes. Clean and protect work from damage.
                          Instruct Owner's personnel in proper operation of systems.
                                                    END OF SECTION
                                             SECTION 28 31 00
FIRE DETECTION AND ALARM
PART 1 GENERAL
1.1 SUMMARY
        A. Provide fire detection and alarm systems.
1.2 SUBMITTALS
              Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
                Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
                        Shop drawings shall be prepared and stamped by a qualified engineer licensed in the jurisdiction of the
                Warranty: Submit manufacturer's standard warranty. Include labor and materials to repair or replace defective
              Operation and Maintenance Data: Submit manufacturer's operation and maintenance data, including operating
                instructions, list of spare parts and maintenance schedule.
 1.3 QUALITY ASSURANCE
               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 manufacturer's instructions.
        B. Compliance: NFPA 70, 71, 72, 72E, 72G, 72H.
 PART 2 PRODUCTS
2.1 MATERIALS
       A. Fire Detection and Alarm Systems:
                         Application: Locations indicated.
                         Sustainable Design: Utility efficient equipment and fixtures.
                         Signal Transmission: Hard-wired individual circuits.
                         Audible Alarm Indication: Horns, bells, and voice alarm messages.
                         Interface: Smoke removal systems, smoke dampers, air handling units control.
                         Components: Suitable for service.
                                         Manual Pull Stations: Double-action type, metal or plastic.
                                         Smoke Detectors: UL 268, self-restoring type with visual indicator.
                                          Thermal Detectors: Fixed-temperature and rate-of-rise type.
                                         Flame Detectors: Ultraviolet type with delay.
                                         Fire Alarm Bells: Electric vibrating under-dome type.
                                         Fire Alarm Horns: Electric vibrating polarized type.
                                         Visual Alarm Devices: Dual-voltage strobe lights.
                                         Voice/Tone Speakers: UL 1480 type.
                                         Fire Fighters Telephones: Handset with supervised communication lines.
                                         Device Location-Indicating Lights: System-voltage-indicating light.
                                          Magnetic Door Holders: Wall or floor mounted type.
                                         Fire Alarm Control Panel: UL 864.
                                         Graphic Annunciator: LED indicators on graphic building floor plan.
                                          Transmitter: Auto-dialer type.
                                         Emergency Power Supply: Battery operated, 24-hour operation capacity.
                                          Line-Voltage and Low-Voltage Circuits: Solid copper conductors, color-coded.
                                         Conduit: Rigid steel, hardened, fire-rated.
PART 3 EXECUTION
3.1 INSTALLATION
                A. Install materials and systems in accordance with manufacturer's instructions and approved submittals.
                         Install materials in proper relation with adjacent construction and with uniform appearance for exposed
                         work. Coordinate
                         with work of other sections. Provide proper clearances for servicing.
                         Comply with National Electrical Code and building code requirements. Maintain continuity of circuits required
                         to supply new or existing equipment in service.
                         Provide core drilling as required for new work.
                         Conceal conduit to the greatest extent practical.
                         Center ceiling-mounted elements in center of ceiling tiles as applicable.
                         Maintain indicated fire ratings of walls, partitions, ceilings and floors at penetrations. Seal with firestopping to
                          maintain fire rating.
                         Test all systems for proper operation. Label circuits in electrical panels.
                         Restore damaged finishes. Clean and protect work from damage.
                         Instruct Owner's personnel in proper operation of systems.
                                                     END OF SECTION
```

SECTION 10 44 00 FIRE PROTECTION SPECIALTIES

Provide fire extinguishers, cabinets and accessories.

PART 1 GENERAL 1.1 SUMMARY

1.2 SUBMITTALS



Architect:

Geoffrey B. Lim Aia, NCARB, Leed Ap

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218 The Promenade North

www.idaexperience.net

Long Beach, CA 90802

Project Owner:



Stamp:



Issue For:

BUILDING 2ND SUBMITTAL
Issue Date:

04/20/2018

| NO. | SIONS<br>REASON | DATE |
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PRINCIPAL IN CHARGE:
Approver
PROJECT MANAGER:
Checker
DRAWN BY:

Author

Project Address:

GEN BBQ

SACRAMENTO

1689,Ardenway Suite 1148 Sacramento CA 95815

Project Number:

145-001-17

Sheet Title:

DESIGN SPECIFICATION

DESIGN SI ESII ISATISI

eet Number:

|                            |                                  |   |                        | FINISH SCHEDULE1   |                     |                     |   |
|----------------------------|----------------------------------|---|------------------------|--|---------------------|---------------------|---|
| MARK                       | <u>Material:</u><br><u>Image</u> | DESCRIPTION   | MANUFACTURER           | MODEL  | ESTIMATED LEAD TIME | FLAME SPREAD RATING | COMMENTS  |
|                            |                                  |   |                        |  |                     |                     |   |
| (E) T-10                   |                                  | OAL TILE - 3" x 6" - ALMOND #K165   |                        |  |                     |                     |   |
| ACR-1                      |                                  | CREAMY WHITE ACRYLIC - ACR-1  | PIEDMONT PLASTICS      |  |                     |                     | Back Bar Wall   |
| <u>BC</u>                  | <u>2'</u>                        | " VINYL COVERING BUBBLE CUSHION   |                        | SIZE: S(12"), M(20"), L(30"), XL(40")  COLOR LEVEL: WHITE, LIGHT GRAY, MEDIUM  GRAY, DARK GRAY, BLACK, RED |                     |                     | CONTACT: V COSCO, MR. PARK 323.788.6059                   |
| CHROME HOOD                |                                  | Chromiuim plated steel  |                        |  |                     |                     |   |
| CHROME HOODS               |                                  | STAINLESS STEEL 18/8  |                        |  |                     |                     |   |
| CONCRETE STAIN             | <u>R</u>                         | Refer to Specifications   |                        |  |                     |                     |   |
| CPT-2                      |                                  | NOLA ('- T'I- (DI I O- I )  |                        |  |                     |                     |   |
| LAY-1                      |                                  | 'X2' Acoustic Tile(Black Colour)  |                        |  |                     |                     |   |
| LAY-2<br>METAL             |                                  | coustic Ceiling Tile 24 x 48 " 'U' ALUMINUM CHANNEL ON BLUE WALL W/                     |                        |  |                     |                     |   |
| <u>METAL</u>               | <u>B</u>                         | STALL BLUE WALL PRIOR TO ALUMINUM CHANNEL   |                        |  |                     |                     |   |
| <u>PL-1</u>                | M                                | FORMICA', BROWN OAK, 1836, LEGNO FINISH<br>MANUFACTURE: WWW.CALPANEL.COM<br>14.523.3874 |                        |  |                     |                     | BAR COUNTER   |
| <u>PT-1</u>                | G                                | Sypsum Wall Board   |                        |  |                     |                     |   |
| <u>PT-3</u>                |                                  | DUNN EDWARDS', DE6377 BOAT ANCHOR<br>FLAT)  |                        |  |                     |                     |   |
| <u>PT-7</u>                | <u>'</u>                         | VALL & CEILING @ RESTROOM<br>DUNN EDWARDS', DE6391 BLACK RUSSIAN<br>SEMI GLOSS)         | DUNN EDWARDS           |  |                     |                     |   |
| PT-10                      | D                                | DE6373 PORPOISE   | DUNN EDWARDS           |  |                     |                     |   |
| <u>QT-B</u>                | <u>M</u>                         | MATCHING QUARRY TILE BASE - QT-B  |                        |  |                     |                     |   |
| <u>SS</u>                  |                                  | STAINLESS STEEL PANEL   |                        |  |                     |                     |   |
| <u>ST-B</u>                |                                  | " STAINLESS STEEL W/ 3/8" RADIUS INTEGRAL<br>COVE BASE                                  |                        |  |                     |                     |   |
| STAIN-1                    | <u>M</u>                         | VOOD STAIN COLOR  | 'VARATHANE'            | , MIX 50% CARRINGTON COLOR + 50% RED<br>MAHOGANY COLOR   |                     |                     |   |
| <u>T-01</u><br><u>T-02</u> | 2                                | 0" x 20" PORCELAIN TILE   | ARIZONA TILE           | BURGUNDY GOLD,   |                     |                     | CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com |
| T-02                       | 1:                               | 3" x 13" PORCELAIN TILE   | ARIZONA TILE           | BURGUNDY GOLD  |                     |                     | CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com |
| T-03                       | 4'                               | " x 11-1/4" MARBLE TRIM   | ARIZONA TILE           | GENEVA LISTELLE  |                     |                     | CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com |
| T-04                       | 4'                               | " x 12" TRAVERTINE TRIM   | ARIZONA TILE           | GRECA 50 LISTELLE  |                     |                     | CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com |
| <u>T-05</u>                | 3/                               | /4" x 12" TOP DOME LINER TRIM   | ARIZONA TILE           | DOME & PENCIL LINERS   |                     |                     | CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com |
| <u>T-08</u>                |                                  |   |                        |  |                     |                     |   |
| <u>V-1</u>                 |                                  | CIRCULAR SOFFIT ABOVE RECEPTION DESK<br>BENDING PLYWOOD (VENEER)                        |                        | STAIN COLOR: TRADITIONAL CHERRY (SEMI GLOSS FINISH)  |                     |                     |   |
| WD-7                       |                                  | VOOD  | STAIN TO MATCH FORMICA | 758-58, 6208-43 BLOSSOM CHERRYWOOD   |                     |                     |   |
| <u>WD-CUR</u>              | 1                                | X5 WOOD CURTAIN SET @ ANGLED TO FIT W/<br>VOOD STAIN                                    |                        | VARATHENE, TRADITION CHERRY (SEMI GLOSS)   |                     |                     |   |
| MILLWORK                   |                                  |   | I                      |  |                     |                     |   |
| <u>CPT-1</u>               | <u>T</u>                         | ABLE BASE   | <u>TBD</u>             | BLACK  |                     |                     |   |

## **MATERIAL SCHEDULE:**

FLOORING / FLOOR BASE

CONCRETE STAIN

COLOR CONCRETE STAIN, **AMERIPOLISH SR2** STAIN REPELLANT OVER, **AMERIPOLISH 3D SP** STAIN PROTECTOR OVER, **AMERIPOLISH 3D HS DENSIFIER** OVER, **AMERIPOLISH SURELOCK DYE** (COLOR: SEPIA)

6"X6" QUARRY TILE

QT-B MATCHING QUARRY TILE BASE

RAISED STAINLESS STEEL INSULATED FLOOR WITH SMOOTH GALVANIZED STEEL

20" x 20" PORCELAIN TILE @ RESTROOMS 'ARIZONA TILE', BURGUNDY GOLD,

CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com 6" x 12" PORCELAIN TILE W/ 3/8" RADIUS (MEN'S RESTROOM)

'ARIZONA TILE', BASALTINA, COLOR: MOCHA, FINISH: MATTE CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com

6" x 12" PORCELAIN TILE W/ 3/8" RADIUS (WOMEN'S RESTROOM) 'ARIZONA TILE', SANDSTONE, COLOR: DARK BEIGE CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com

6" STAINLESS STEEL W/ 3/8" RADIUS INTEGRAL COVE BASE

EDGE TRANSITION TRIM-QUARRY TILE / CONCRETE FLOOR TRANSITION 'SCHLUTER', RENO-RAMP

#### WALL / CEILING

13" x 13" PORCELAIN TILE @ RESTROOMS

'ARIZONA TILE', BURGUNDY GOLD, CONTACT: ED AHRENS, 714.978.6403, eahrens@arizonatile.com FIBERGLASS POLYESTER PANEL

'MARLITE', STANDARD, PEBBLED SURFACE, COLOR: P100 WHITE FRP TO PASS CEILING GRID 6" FOR CLEAN LOOK FINISH PREP AND PRIME DRY WALL PRIOR TO INSTALLATION

STAINLESS STEEL PANEL

CIRCULAR SOFFIT ABOVE RECEPTION DESK BENDING PLYWOOD (VENEER)

STAIN COLOR: TRADITIONAL CHERRY (SEMI GLOSS FINISH)

2" 'U' ALUMINUM CHANNEL ON BLUE WALL W/ BLUE TAPE LIGHT BEHIND INSTALL BLUE WALL PRIOR TO ALUMINUM CHANNEL

WALL COVERING @ RESTROOM HALLWAY MODEL: JACKSON BLACK & WHITE (#159-918)

CONTACT: WWW.CB2.COM METAL LOOK LAMINATED PANEL (BLUE WALL) **'LUMI-GRAF'**, LUMI-9, COLOR: MAGDALEN ISLAND BLUE, A PATTERN, OPAQUE

CONTACT: WWW.LUMIGRAF.CA, 514.277.1495 2" VINYL COVERING BUBBLE CUSHION

SIZE: S(12"), M(20"), L(30"), XL(40") COLOR LEVEL: WHITE, LIGHT GRAY, MEDIUM GRAY, DARK GRAY, BLACK, RED

CONTACT: V COSCO, MR. PARK 323.788.6059 2" VINYL COVERING WALL CUSHION

SIZE: VARIES (CUSTOM) COLOR LEVEL: WHITE, LIGHT GRAY, MEDIUM GRAY, DARK GRAY, BLACK, RED

CONTACT: V COSCO, MR. PARK 323.788.6059 WD-CUR 1X5 WOOD CURTAIN SET @ ANGLED TO FIT W/ WOOD STAIN

'VARATHANE', TRADITIONAL CHERRY (SEMI GLOSS)

#### **COUNTERTOP**

QUARTZ SURFACE @ RESTROOM COUNTER TOP

'MSI INTERNATIONAL', Q PREMIUM QUARTZ, COLOR: SPARKLING WHITE (POLISEHD) CONTACT: www.msistone.com

QUARTZ SURFACE @ RECEPTION DESK 'MSI INTERNATIONAL', Q PREMIUM QUARTZ, COLOR: SPARKLING BLACK (POLISEHD)

CONTACT: www.msistone.com

QUARTZ SURFACE @ BAR COUNTER 'MSI INTERNATIONAL', Q PREMIUM QUARTZ, COLOR: SPARKLING RUBY (POLISEHD)

ACRYLIC @ BACK BAR WALL 'PIEDMONT PLASTICS', CREAMY WHITE ACRYLIC

CONTACT: www.msistone.com

PLASTIC LAMINATE

'FORMICA', BROWN OAK, 1836, LEGNO FINISH MANUFACTURE: WWW.CALPANEL.COM 714.523.3874

MAIN RECEPTION DESK BODY (FRONT & BACK) 'FORMICA', LACEWOOD, 744, GLOSS FINISH

MANUFACTURE: WWW.CALPANEL.COM 714.523.3874

MAIN RECEPTION DESK COUNTERTOP (BACK) 'FORMICA', BLACK, 909-90, GLOSS FINISH

WAINSCOT / LOW WALL / COLUMN MDF FINISH (THERMALLY FUSED LAMINATE PANEL) 'AMERICAN LAMINATES', RW TEXTURE GRAIN, COLOR: LATITUDE WEST CONTACT: RUGBY JOHN MCCREE

CUSTOMER TABLE TOP

'FORMICA', BURNT STRAND, 6307-58, MATTE FINISH

### PAINT/STAIN (SEMI-GLOSS PAINT @ SERVICE AREA & RESTROOM)

WOOD STAIN COLOR @ RESTROOM DOOR (HIGH GLOSS) 'VARATHANE', MIX 50% CARRINGTON COLOR + 50% RED MAHOGANY COLOR

'DUNN EDWARDS', DEA147 GARNET EVENING (SEMI GLOSS)

'Dunn Edwards' , Verify with Client

'DUNN EDWARDS', DE6376 LOOKING GLASS (FLAT)

'DUNN EDWARDS', DE6377 BOAT ANCHOR (FLAT)

WALL & CEILING @ WOMEN'S RESTROOM

'DUNN EDWARDS', DE6378 JET (FLAT)

WALL @ BAR (FLAT)
'DUNN EDWARDS', DEA147 GARNET EVENING

WALL & CEILING @ MEN'S RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)

'DUNN EDWARDS', DE6391 BLACK RUSSIAN (FLAT)

'DUNN EDWARDS', DE6357 BLACK TIE (FLAT)

#### TRANSITION TRIM

4" x 11-1/4" MARBLE TRIM @ MEN'S RESTROOM 'ARIZONA TILE', GENEVA LISTELLE,

CONTACT: ED AHRENS, 7114.978.6403, eahrens@arizonatile.com 4" x 12" TRAVERTINE TRIM @ WOMEN'S RESTROOM

'ARIZONA TILE', GRECA 50 LISTELLE, CONTACT: ED AHRENS, 7114.978.6403, eahrens@arizonatile.com

3/4" x 12" TOP DOME LINER TRIM @ MEN'S RESTROOM 'ARIZONA TILE', DOME & PENCIL LINERS, COLOR: EMPERADOR DARK CONTACT: ED AHRENS, 7114.978.6403, eahrens@arizonatile.com

3/4" x 12" TOP DOME LINER TRIM @ WOMEN'S RESTROOM

'ARIZONA TILE', DOME & PENCIL LINERS, COLOR: GOLDEN WALNUT CONTACT: ED AHRENS, 7114.978.6403, eahrens@arizonatile.com



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www.idaexperience.net

#### **Architect:**

GEOFFREY B. LIM aia, ncarb, leed ap

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**BUILDING 2ND SUBMITTAL** 

## 04/20/2018

| <b>NO.</b> 2 | REASON        | DATE     |
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|              | CITY COMMENTS | 04/18/18 |
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PRINCIPAL IN CHARGE: JOSH COOL PROJECT MANAGER: WESLEY STEPHENS WESLEY STEPHENS **Project Address:** 

1689, Ardenway Suite 1148 Sacramento CA 95815

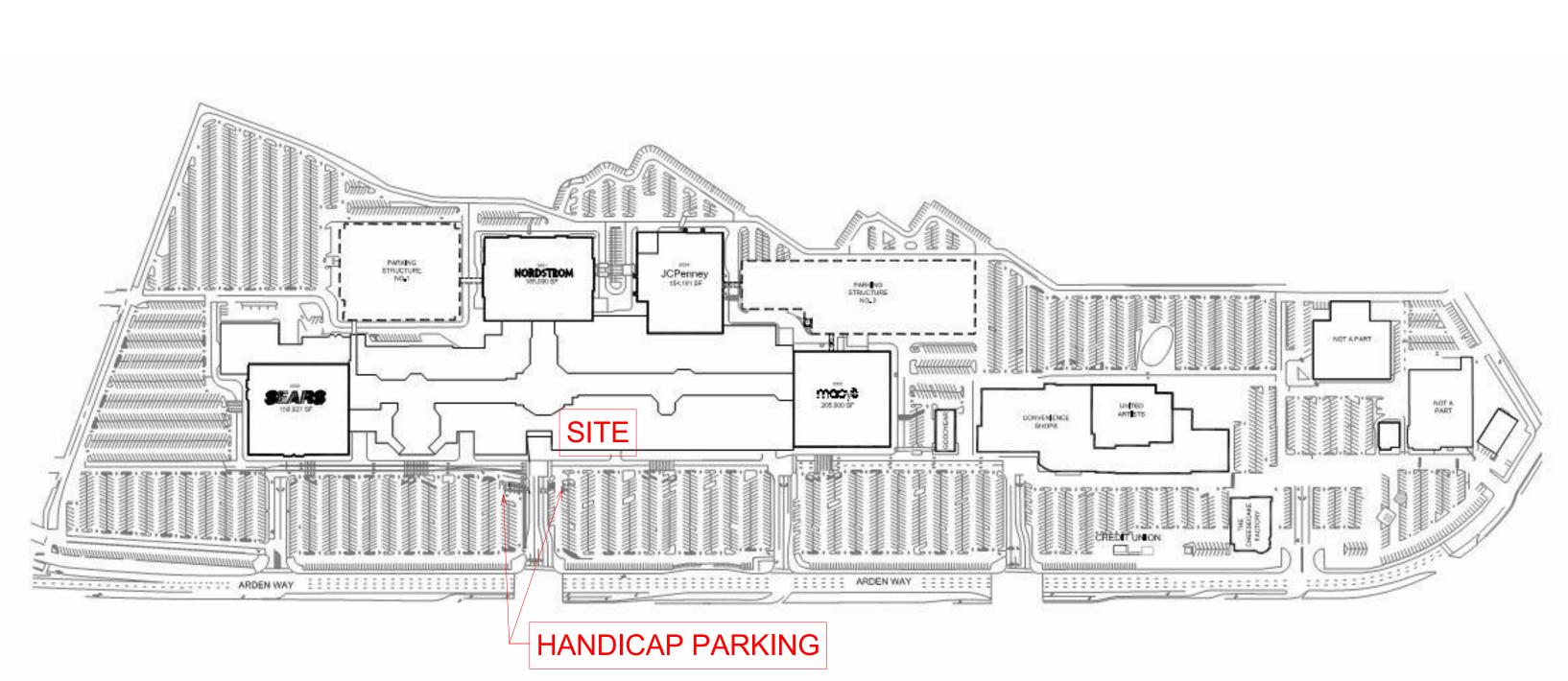
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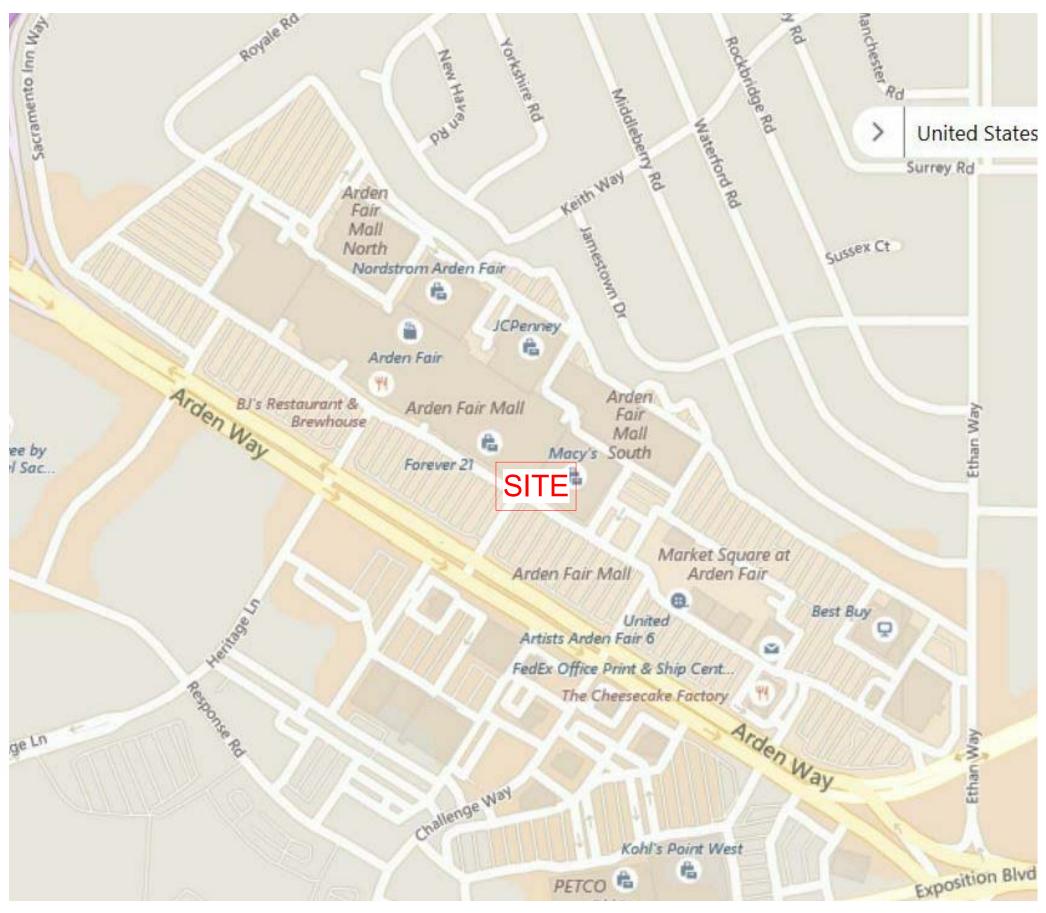
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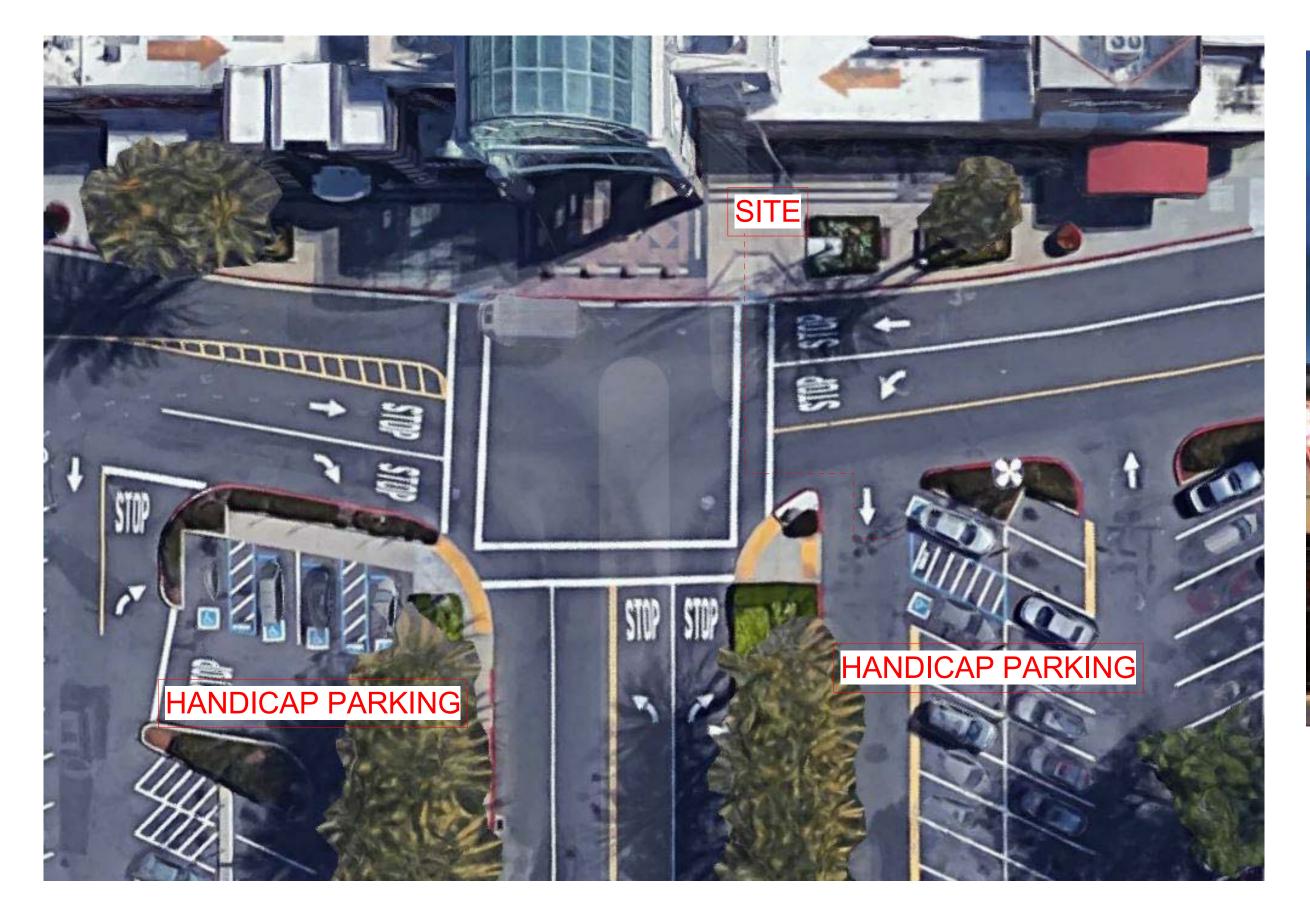
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145-001-17 Sheet Title:

FINISH SCHEDULE











Architect:

Geoffrey B. Lim Aia, Ncarb, Leed ap

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PRINCIPAL IN CHARGE:
Approver
PROJECT MANAGER:
Checker
DRAWN BY:
Author

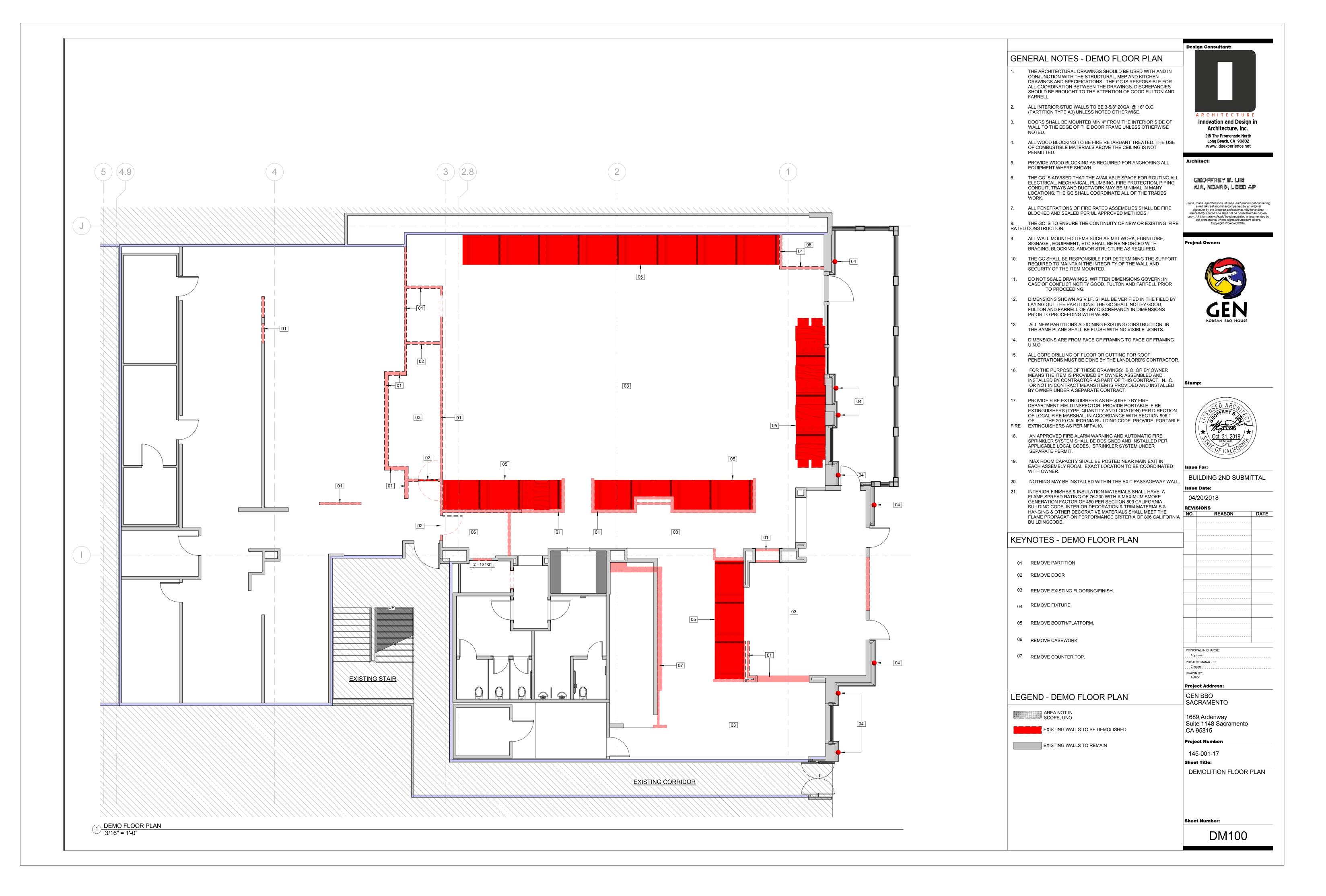
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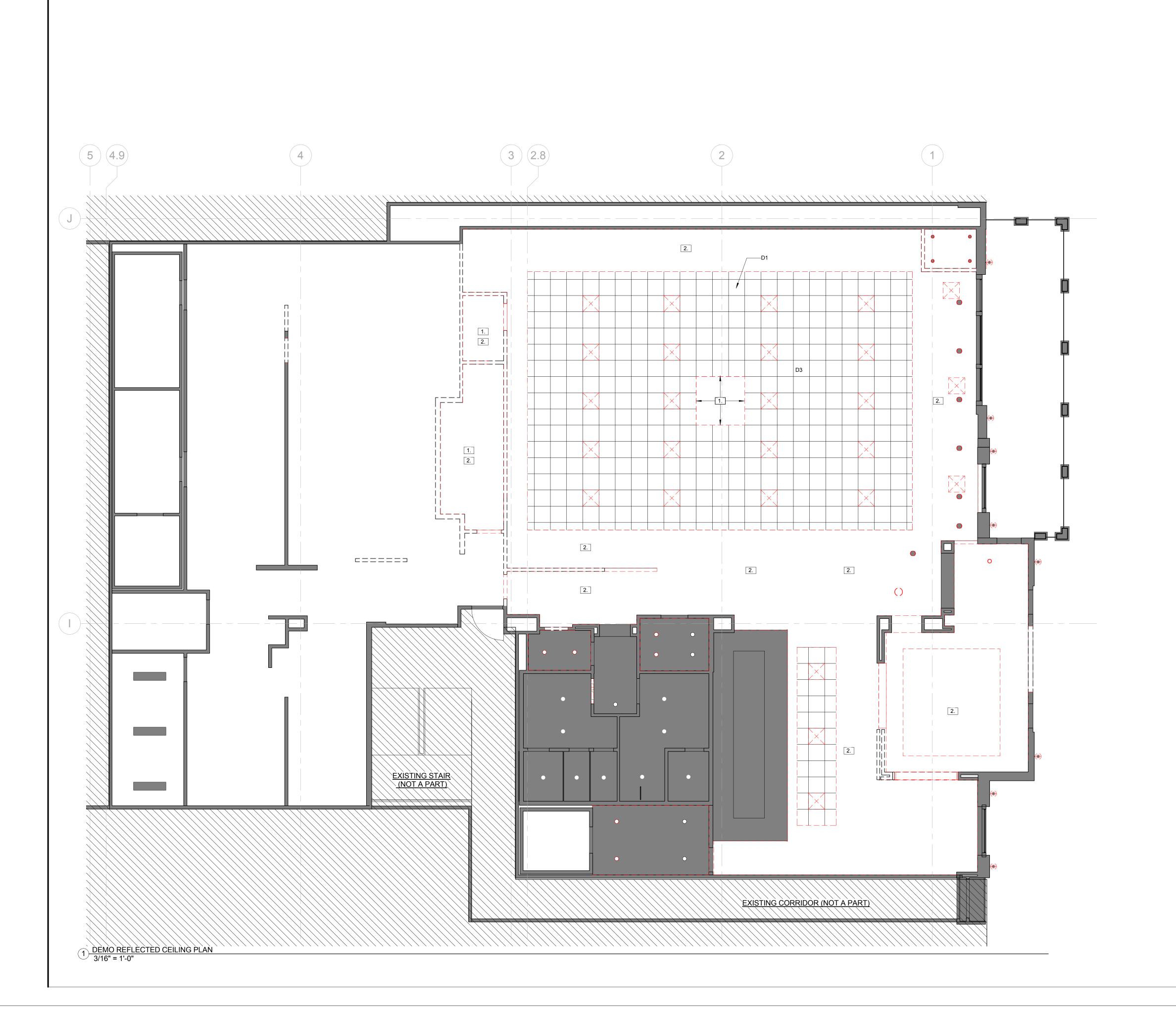
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Suite 1148 Sacram CA 95815

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145-001-17
Sheet Title:
SITE PLAN





#### GENERAL NOTES - DEMO RCP

- THE ARCHITECTURAL DRAWINGS SHOULD BE USED WITH AND IN CONJUNCTION WITH THE CIVIL, STRUCTURAL, MEP, FIRE PROTECTION DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION BETWEEN THE DRAWINGS. DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF GOOD FULTON & FARRELL.
- THE GENERAL CONTRACTOR IS ADVISED THAT THE AVAILABLE SPACE FOR ROUTING ALL ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND COMMUNICATIONS PIPING CONDUIT, TRAYS AND DUCTWORK MAY BE MINIMAL IN MANY LOCATIONS. THE GENERAL CONTRACTOR SHALL COORDINATE ALL OF THE TRADES WORK.
- G.C. TO VERIFY FIELD CONDITIONS AND LOCATIONS OF ALL PLUMBING, DUCTS, STRUCTURAL ELEMENTS, ETC., AND ARRANGE & MODIFY NON-VISIBLE ITEMS TO ENSURE ADEQUATE CLEARANCES FOR CEILING LAYOUT SHOWN.
- ALL PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRE BLOCKED AND SEALED PER UL APPROVED METHODS.
- THE GENERAL CONTRACTOR IS TO ENSURE THE CONTINUITY OF NEW OR EXISTING FIRE-RATED CONSTRUCTION.
- ALL MANUFACTURER'S NAME, TRADEMARK, LOGOS, ETC SHALL NOT BE VISIBLE TO THE PUBLIC, UNLESS REQUIRED BY THE BUILDING CODE.
  - ALL CEILING MOUNTED ITEMS SHALL BE REINFORCED WITH BRACING, BLOCKING, AND/OR STRUCTURE AS REQUIRED. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SUPPORT REQUIRED TO MAINTAIN THE INTEGRITY OF THE CEILING AND THE SECURITY OF THE ITEM MOUNTED. THE GENERAL CONTRACTOR SHALL COORDINATE THE PLACEMENT OF ALL BLOCKING PRIOR TO CLOSING OF CEILING. ALL BLOCKING SHALL BE FIRE RETARDANT TREATED. USE OF COMBUSTIBLE MATERIALS ABOVE THE CEILING IS NOT PERMITTED.
- PROVIDE FRAMING ABOVE CEILING WHERE WALLS DO NOT GO TO DECK FOR SUPPORT OF SUSPENDED ACOUSTICAL CEILING
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. IN CASE OF CONFLICT, NOTIFY GOOD FULTON & FARRELL FOR WRITTEN CLARIFICATION PRIOR TO PROCEEDING.
- DIMENSIONS SHOWN AS "V.I.F." SHALL BE VERIFIED IN THE FIELD. THE GENERAL CONTRACTOR SHALL NOTIFY GOOD, FULTON & FARRELL OF ANY DISCREPANCY IN DIMENSIONS PRIOR TO PROCEEDING WITH WORK IN THAT AREA.
- DIMENSIONS MARKED "HOLD" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF FINISHES. THE GENERAL CONTRACTOR SHALL NOT ADJUST DIMENSION WITHOUT WRITTEN INSTRUCTIONS FROM GOOD FULTON & FARRELL.
- THE LOCATIONS OF MECHANICAL, ELECTRICAL, AND FIRE PROTECTION ITEMS (I.E. CEILING MOUNTED DEVICES, SUCH AS STROBES, SPEAKERS, LIGHT FIXTURES, SPRINKLER HEADS, RETURN AND SUPPLY AIR GRILLES, SECURITY DEVICES, ETC.) ARE SHOWN FOR REFERENCE ONLY AND SHALL BE CONFIRMED WITH GOOD FULTON & FARRELL IN THE FIELD PRIOR TO INSTALLATION. REFER TO MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS & SPECIFICATIONS FOR DESIGN OF THESE SYSTEMS. NOTIFY GOOD FULTON & FARRELL OF ANY CONFLICTS PRIOR TO INSTALLATION.
- 13. SWITCHES SHOWN ADJACENT TO EACH OTHER SHALL BE GANGED AND COVERED WITH A SINGLE COVERPLATE. REFER TO ELECTRICAL DRAWINGS FOR SWITCH COVER PLATE SPECIFICATION. NOTIFY GOOD FULTON & FARRELL OF ANY CONFLICTS PRIOR TO INSTALLATION.
- 14. THE GENERAL CONTRACTOR SHALL PROVIDE ACCESS PANELS AT ALL CONCEALED MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS WHICH REQUIRE SERVICE OR ACCESS. ACCESS PANELS IN RATED CEILINGS SHALL HAVE THE SAME RATING AS THE ASSEMBLY THEY
- AND SUPPLY AIR GRILLES, SECURITY DEVICES, ETC. TO BE CENTERED

15. ALL CEILING MOUNTED DEVICES, SUCH AS LIGHT FIXTURES, FIRE ALARM STROBES OCCUPANCY SENSORS, SPEAKERS, RETURN

- 16. ALL CEILING HEIGHTS TO BE AS PER THE DRAWINGS. 17. ALL FIRE PROTECTION ITEMS (SPRINKLER HEADS) TO BE
- CENTERED IN THE CEILING TILE (BOTH WAYS), UNO. 18. THE LIGHTING LAYOUT AND TYPES SHALL MEET ALL ENERGY
- CODE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- 19. PROVIDE SHOP DRAWINGS AND PRODUCT SUBMITTALS FOR ALL LIGHT FIXTURES, FIRE ALARM STROBES, FIRE/LIFE/SAFETY DEVICES, SECURITY DEVICES, SPEAKERS, ETC. PRIOR TO ORDERING, FABRICATION, AND INSTALLATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SUBMITTALS IN A TIMELY MANNER TO ALLOW FOR CORRECTIONS OR REJECTIONS
- 20. PROVIDE EMERGENCY LIGHTING AS REQUIRED PER MEP.

WITHOUT CAUSING DELAY TO THE PROJECT SCHEDULE.

- REF STRUCTURAL DETAIL 05/S201 FOR ABOVE CEILING SUPPORT OF FIXTURE C1,C2, & C3.
- 22. INTERIOR FINISHES & INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING OF 76-200 WITH A MAXIMUM SMOKE GENERATION FACTOR OF 450 PER SECTION 803 CALIFORNIA BUILDING CODE. INTERIOR DECORATION & TRIM MATERIALS & HANGING & OTHER DECORATIVE MATERIALS SHALL MEET PROPAGATION PERFORMANCE CRITERIA OF 806 CALIFORNIA BUILDING CODE.
- SUSPENDED CELING SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ASTM C635, ASTM C636, AND COMPLY WITH 2010 CBC 2506.2.1 / ASCE 7-05, SECTION 13.5.6. REF. SHEET A502 FOR DETAILS.

#### KEY NOTES - DEMO RCP PLAN

- REMOVE CEILING SYSTEM
- 2. REMOVE LIGHT FIXUTES



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04/20/2018

REVISIONS REASON

PRINCIPAL IN CHARGE: PROJECT MANAGER: Checker

Author **Project Address:** 

DRAWN BY:

**GEN BBQ** SACRAMENTO

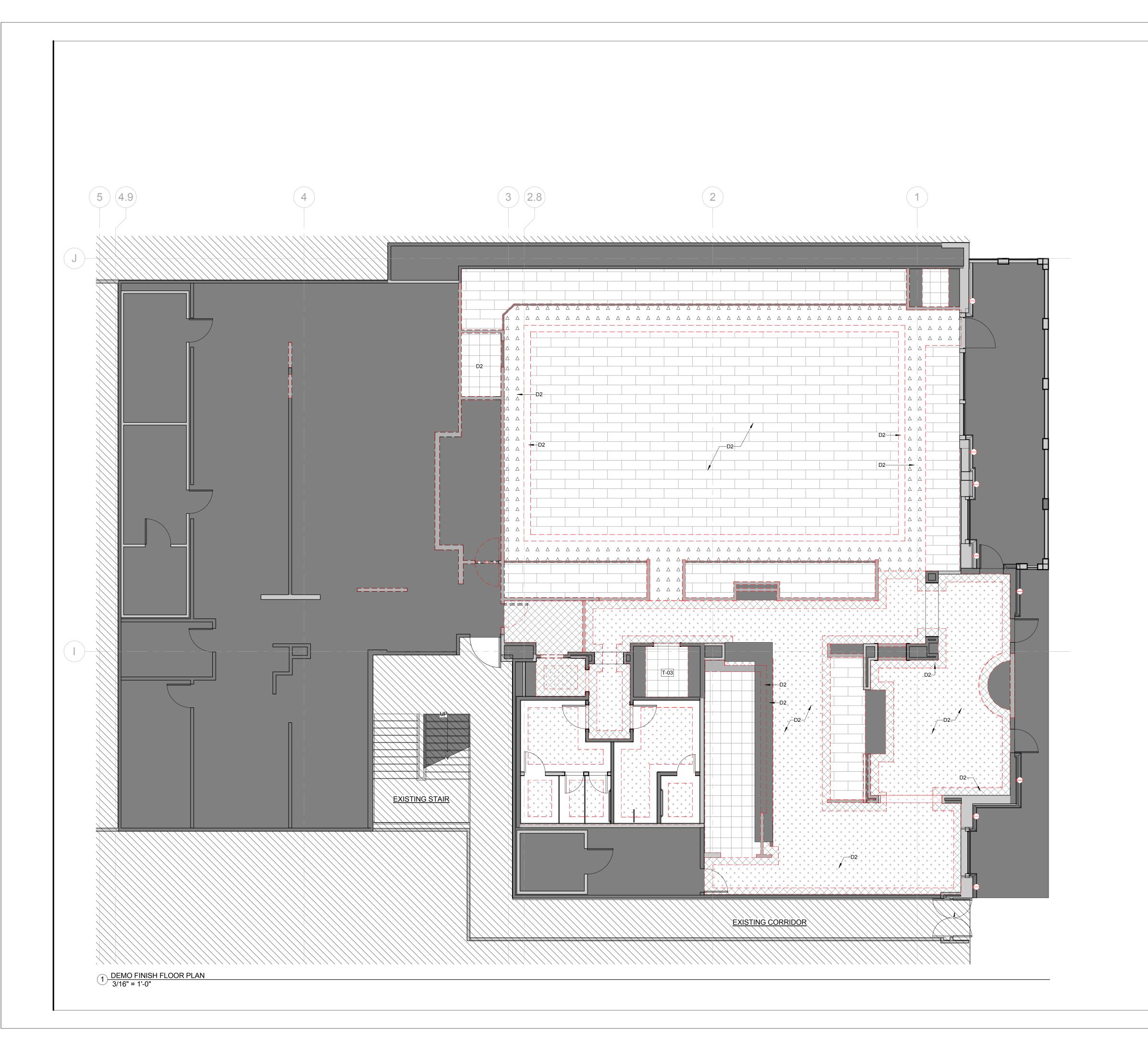
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CA 95815 **Project Number:** 

145-001-17 Sheet Title:

DEMOLITION CEILING PLAN

DM200



#### GENERAL NOTES - DEMO FLOOR PLAN

- THE ARCHITECTURAL DRAWINGS SHOULD BE USED WITH AND IN CONJUNCTION WITH THE STRUCTURAL, MEP AND KITCHEN DRAWINGS AND SPECIFICATIONS. THE GC IS RESPONSIBLE FOR ALL COORDINATION BETWEEN THE DRAWINGS. DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF GOOD FULTON AND
- ALL INTERIOR STUD WALLS TO BE 3-5/8" 20GA. @ 16" O.C. (PARTITION TYPE A3) UNLESS NOTED OTHERWISE.
- DOORS SHALL BE MOUNTED MIN 4" FROM THE INTERIOR SIDE OF WALL TO THE EDGE OF THE DOOR FRAME UNLESS OTHERWISE
- ALL WOOD BLOCKING TO BE FIRE RETARDANT TREATED. THE USE OF COMBUSTIBLE MATERIALS ABOVE THE CEILING IS NOT
- PROVIDE WOOD BLOCKING AS REQUIRED FOR ANCHORING ALL EQUIPMENT WHERE SHOWN.
- THE GC IS ADVISED THAT THE AVAILABLE SPACE FOR ROUTING ALL ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, PIPING CONDUIT, TRAYS AND DUCTWORK MAY BE MINIMAL IN MANY LOCATIONS. THE GC SHALL COORDINATE ALL OF THE TRADES
- ALL PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRE BLOCKED AND SEALED PER UL APPROVED METHODS.
- THE GC IS TO ENSURE THE CONTINUITY OF NEW OR EXISTING FIRE RATED CONSTRUCTION.
- ALL WALL MOUNTED ITEMS SUCH AS MILLWORK, FURNITURE, SIGNAGE, EQUIPMENT, ETC SHALL BE REINFORCED WITH BRACING, BLOCKING, AND/OR STRUCTURE AS REQUIRED.
- THE GC SHALL BE RESPONSIBLE FOR DETERMINING THE SUPPORT REQUIRED TO MAINTAIN THE INTEGRITY OF THE WALL AND SECURITY OF THE ITEM MOUNTED.
- DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS GOVERN; IN CASE OF CONFLICT NOTIFY GOOD, FULTON AND FARRELL PRIOR TO PROCEEDING.
- DIMENSIONS SHOWN AS V.I.F. SHALL BE VERIFIED IN THE FIELD BY LAYING OUT THE PARTITIONS. THE GC SHALL NOTIFY GOOD, FULTON AND FARRELL OF ANY DISCREPANCY IN DIMENSIONS PRIOR TO PROCEEDING WITH WORK.
- 13. ALL NEW PARTITIONS ADJOINING EXISTING CONSTRUCTION IN THE SAME PLANE SHALL BE FLUSH WITH NO VISIBLE JOINTS.
- DIMENSIONS ARE FROM FACE OF FRAMING TO FACE OF FRAMING
- ALL CORE DRILLING OF FLOOR OR CUTTING FOR ROOF PENETRATIONS MUST BE DONE BY THE LANDLORD'S CONTRACTOR.
- FOR THE PURPOSE OF THESE DRAWINGS: B.O. OR BY OWNER MEANS THE ITEM IS PROVIDED BY OWNER, ASSEMBLED AND INSTALLED BY CONTRACTOR AS PART OF THIS CONTRACT. N.I.C. OR NOT IN CONTRACT MEANS ITEM IS PROVIDED AND INSTALLED BY OWNER UNDER A SEPARATE CONTRACT.
- PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR. PROVIDE PORTABLE FIRE EXTINGUISHERS (TYPE, QUANTITY AND LOCATION) PER DIRECTION OF LOCAL FIRE MARSHAL, IN ACCORDANCE WITH SECTION 906.1 OF THE 2010 CALIFORNIA BUILDING CODE. PROVIDE PORTABLE
- FIRE EXTINGUISHERS AS PER NFPA.10. AN APPROVED FIRE ALARM WARNING AND AUTOMATIC FIRE
- SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED PER APPLICABLE LOCAL CODES. SPRINKLER SYSTEM UNDER SEPARATE PERMIT. MAX ROOM CAPACITY SHALL BE POSTED NEAR MAIN EXIT IN
- EACH ASSEMBLY ROOM. EXACT LOCATION TO BE COORDINATED WITH OWNER.
- NOTHING MAY BE INSTALLED WITHIN THE EXIT PASSAGEWAY WALL. INTERIOR FINISHES & INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING OF 76-200 WITH A MAXIMUM SMOKE
- GENERATION FACTOR OF 450 PER SECTION 803 CALIFORNIA BUILDING CODE. INTERIOR DECORATION & TRIM MATERIALS & HANGING & OTHER DECORATIVE MATERIALS SHALL MEET THE

#### REASON FLAME PROPAGATION PERFORMANCE CRITERIA OF 806 CALIFORNIA BUILDINGCODE.

D2 TO REMOVE EXISTING FINISHES

AREA NOT IN SCOPE, UNO

+ + + + + T-01/T-02 (EX)

T-03/T-04 (EX)

CPT-01(EX) ,UNO,NIC

CPT-02 (EX) ,NIC

DENOTES FLOOR OR WALL FINISH

DENOTES ACCENT

WALL FINISH, REF INTERIOR ELEVATIONS

T-05 (EX)

KEYNOTES - DEMO FINISH PLAN

PROJECT MANAGER:

Author **Project Address:** 

Checker

GEN BBQ LEGEND - DEMO FINISH PLAN

SACRAMENTO 1689, Ardenway Suite 1148 Sacramento

CA 95815 **Project Number:** 

145-001-17

Sheet Title: DEMOLITION FINISH PLAN

DM300

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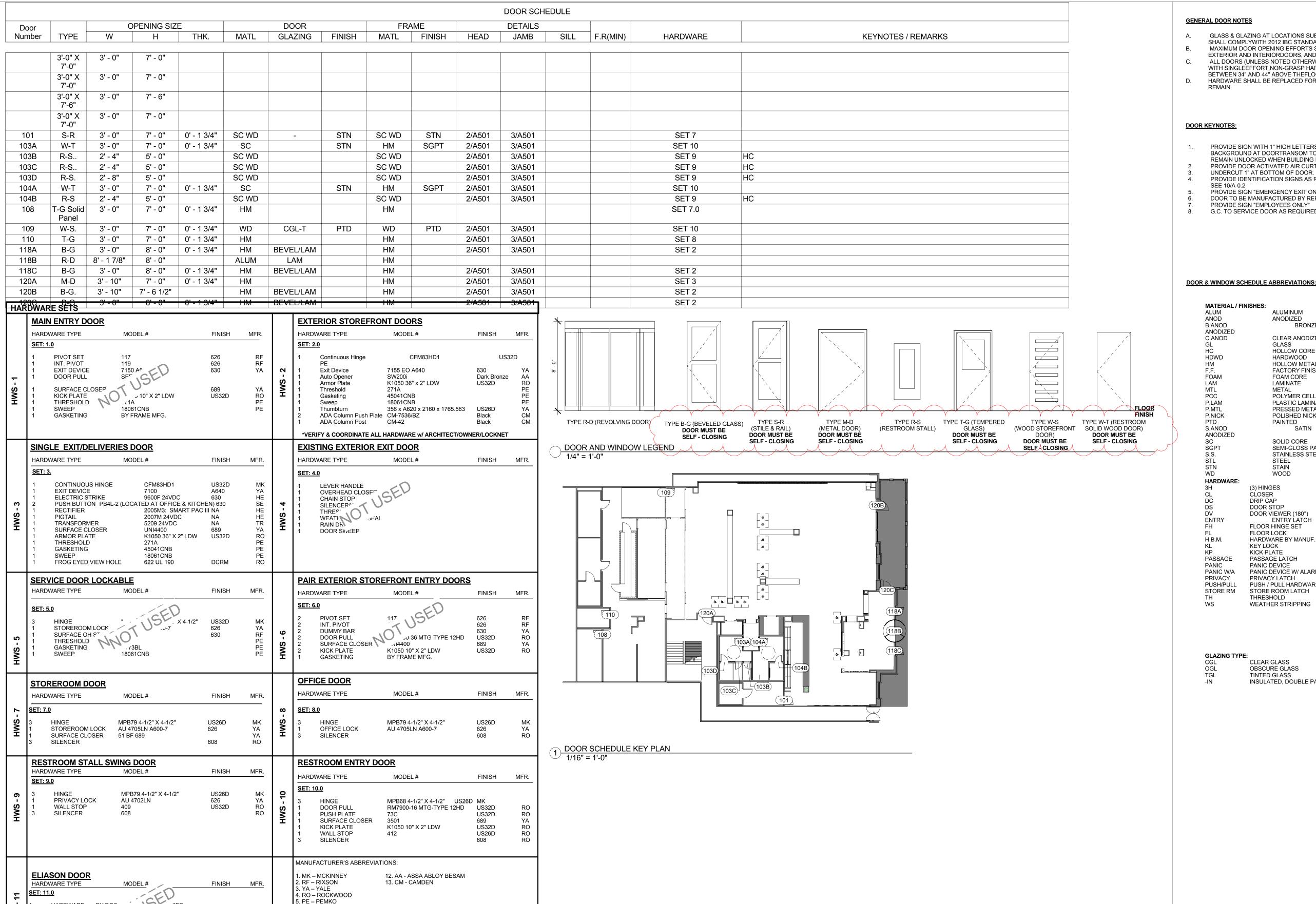
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**BUILDING 2ND SUBMITTAL** 

04/20/2018



6. HE – HES

9. RE - RENLITA 0. HA - HAFFLE

1. NANA WALL

7. SE – SECURITRON 8. TR – TRINE

#### **GENERAL DOOR NOTES**

- GLASS & GLAZING AT LOCATIONS SUBJECT TO HUMAN IMPACT SHALL COMPLYWITH 2012 IBC STANDARD.
- MAXIMUM DOOR OPENING EFFORTS SHALL BE 5 LBS AT EXTERIOR AND INTERIORDOORS, AND 15 LBS AT FIRE DOORS
- ALL DOORS (UNLESS NOTED OTHERWISE) SHALL BE EQUIPPED WITH SINGLEEFFORT, NON-GRASP HARDWARE (I.E., LEVER)
- BETWEEN 34" AND 44" ABOVE THEFLOOR. HARDWARE SHALL BE REPLACED FOR ANY EXISTING DOORS TO REMAIN.

#### **DOOR KEYNOTES:**

- PROVIDE SIGN WITH 1" HIGH LETTERS ON CONTRASTING BACKGROUND AT DOORTRANSOM TO READ: "THIS DOOR TO
- REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". PROVIDE DOOR ACTIVATED AIR CURTAIN @ INTERIOR SIDE. UNDERCUT 1" AT BOTTOM OF DOOR.
- PROVIDE IDENTIFICATION SIGNS AS REQUIRED ON DOOR AND WALL, SEE 10/A-0.2 PROVIDE SIGN "EMERGENCY EXIT ONLY, ALARM WILL SOUND"

ALUMINUM

ANODIZED

**CLEAR ANODIZED** 

HOLLOW CORE

HOLLOW METAL

FACTORY FINISH

POLYMER CELL CORE

SATIN

SEMI-GLOSS PAINT STAINLESS STEEL

PLASTIC LAMINATE

PRESSED METAL

POLISHED NICKEL

HARDWOOD

FOAM CORE

LAMINATE

PAINTED

STAIN

DOOR VIEWER (180°)

HARDWARE BY MANUF

PANIC DEVICE W/ ALARM

PUSH / PULL HARDWARE

STORE ROOM LATCH

WEATHER STRIPPING

FLOOR HINGE SET

ENTRY LATCH

(3) HINGES

CLOSER

DRIP CAP

DOOR STOP

FLOOR LOCK

KEY LOCK

KICK PLATE

PASSAGE LATCH

PRIVACY LATCH

PANIC DEVICE

THRESHOLD

CLEAR GLASS OBSCURE GLASS TINTED GLASS

INSULATED, DOUBLE PANE

WOOD

SOLID CORE

BRONZE

- DOOR TO BE MANUFACTURED BY REFRIGERATION COMPANY
- PROVIDE SIGN "EMPLOYEES ONLY" G.C. TO SERVICE DOOR AS REQUIRED

MATERIAL / FINISHES:

ALUM ANOD

B.ANOD

ANODIZED

C.ANOD

F.F.

FOAM

LAM

PCC

P.LAM

P.MTL

P.NICK

PTD S.ANOD

SGPT S.S.

STL STN

ANODIZED

HARDWARE:

**ENTRY** 

H.B.M.

PASSAGE

PRIVACY

PUSH/PULL

STORE RM

**GLAZING TYPE:** 

PANIC PANIC W/A

MTL

# **Design Consultant:** ARCHITECTURE

Innovation and Design in Architecture, Inc. 218 The Promenade North Long Beach, CA 90802 www.idaexperience.net

#### **Architect:**

GEOFFREY B. LIM AIA, NCARB, LEED AP

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#### Issue For:

**BUILDING 2ND SUBMITTAL** Issue Date:

04/20/2018 REVISIONS

| NO. | REASON        | DATE     |
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| 2   | CITY COMMENTS | 04/18/18 |
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PRINCIPAL IN CHARGE Approver PROJECT MANAGER: Checker DRAWN BY: Author **Project Address:** 

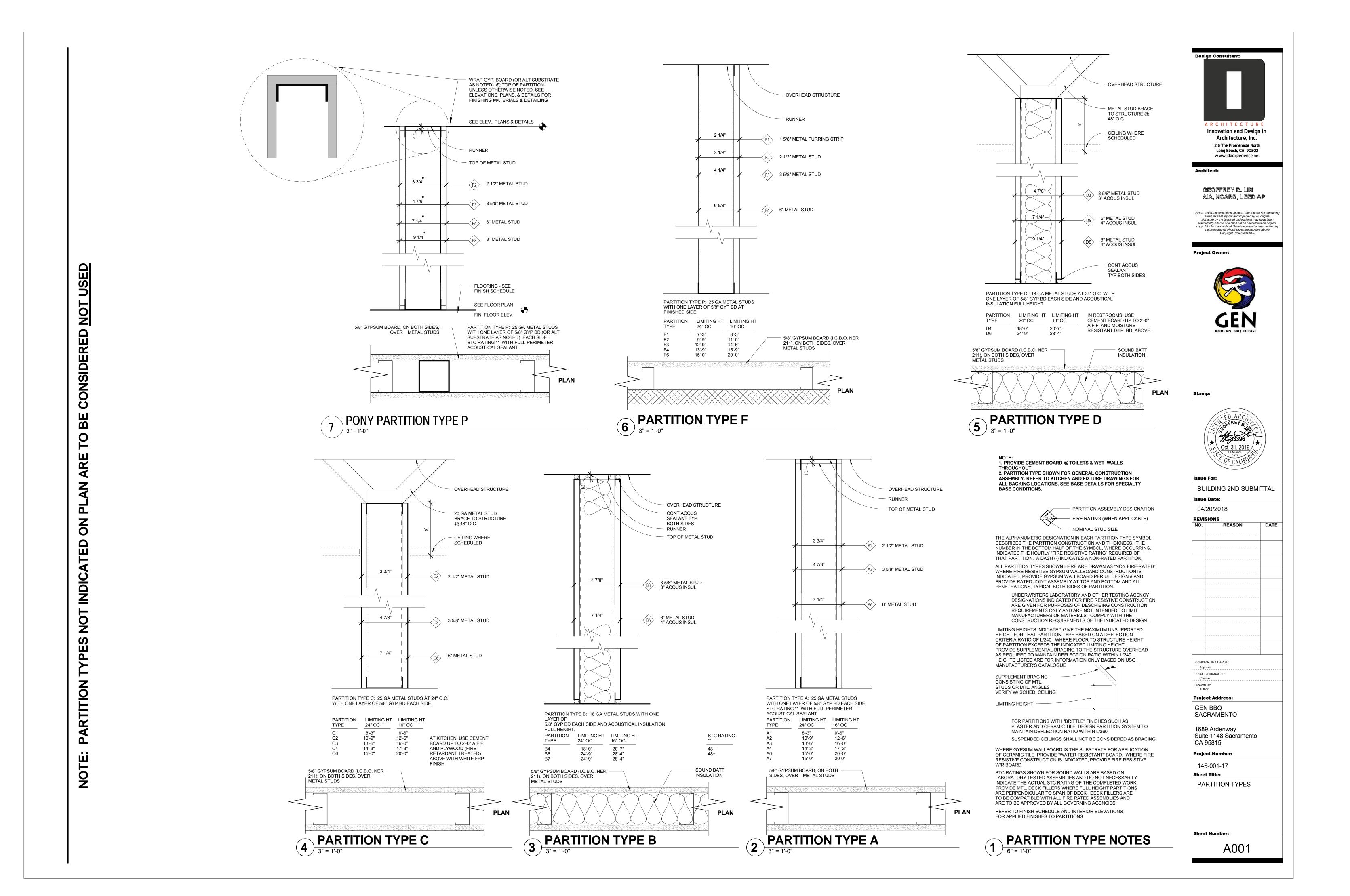
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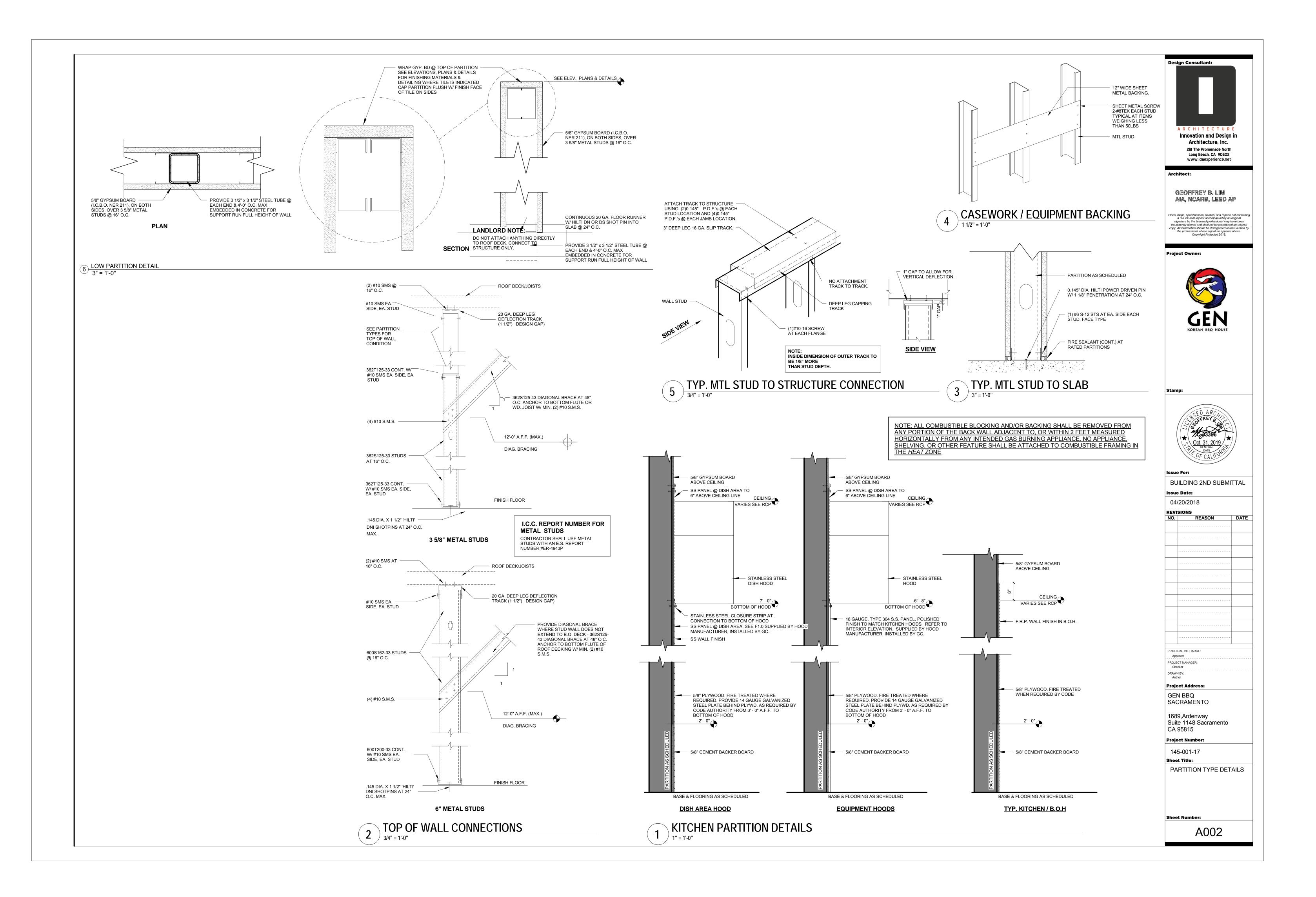
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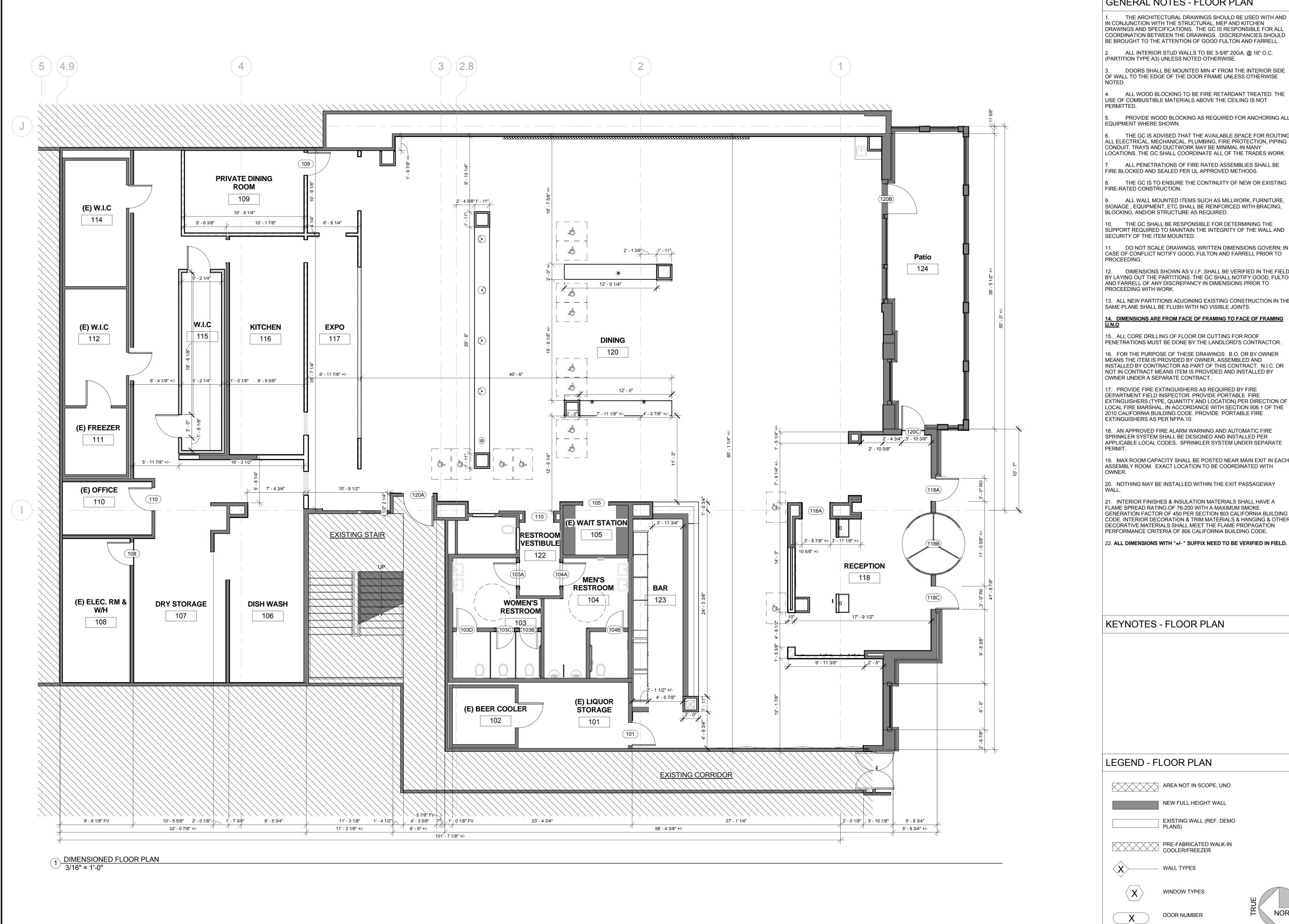
**Project Number:** 

145-001-17 Sheet Title:

DOOR SCHEDULE & **TYPES** 







#### GENERAL NOTES - FLOOR PLAN

THE ARCHITECTURAL DRAWINGS SHOULD BE USED WITH AND IN CONJUNCTION WITH THE STRUCTURAL, MEP AND KITCHEN DRAWINGS AND SPECIFICATIONS. THE GC IS RESPONSIBLE FOR ALL COORDINATION BETWEEN THE DRAWINGS. DISCREPANCIES SHOULD

DOORS SHALL BE MOUNTED MIN 4" FROM THE INTERIOR SIDE OF WALL TO THE EDGE OF THE DOOR FRAME UNLESS OTHERWISE

ALL WOOD BLOCKING TO BE FIRE RETARDANT TREATED. THE USE OF COMBUSTIBLE MATERIALS ABOVE THE CEILING IS NOT

PROVIDE WOOD BLOCKING AS REQUIRED FOR ANCHORING ALL

THE GC IS ADVISED THAT THE AVAILABLE SPACE FOR ROUTING ALL ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, PIPING CONDUIT, TRAYS AND DUCTWORK MAY BE MINIMAL IN MANY LOCATIONS. THE GC SHALL COORDINATE ALL OF THE TRADES WORK.

FIRE BLOCKED AND SEALED PER UL APPROVED METHODS.

THE GC IS TO ENSURE THE CONTINUITY OF NEW OR EXISTING

10. THE GC SHALL BE RESPONSIBLE FOR DETERMINING THE

11. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS GOVERN; IN CASE OF CONFLICT NOTIFY GOOD, FULTON AND FARRELL PRIOR TO

12. DIMENSIONS SHOWN AS V.I.F. SHALL BE VERIFIED IN THE FIELD BY LAYING OUT THE PARTITIONS. THE GC SHALL NOTIFY GOOD, FULTON AND FARRELL OF ANY DISCREPANCY IN DIMENSIONS PRIOR TO

13. ALL NEW PARTITIONS ADJOINING EXISTING CONSTRUCTION IN THE

## 14. DIMENSIONS ARE FROM FACE OF FRAMING TO FACE OF FRAMING U.N.O

15. ALL CORE DRILLING OF FLOOR OR CUTTING FOR ROOF PENETRATIONS MUST BE DONE BY THE LANDLORD'S CONTRACTOR.

16. FOR THE PURPOSE OF THESE DRAWINGS: B.O. OR BY OWNER MEANS THE ITEM IS PROVIDED BY OWNER, ASSEMBLED AND INSTALLED BY CONTRACTOR AS PART OF THIS CONTRACT. N.I.C. OR NOT IN CONTRACT MEANS ITEM IS PROVIDED AND INSTALLED BY

17. PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR. PROVIDE PORTABLE FIRE EXTINGUISHERS (TYPE, QUANTITY AND LOCATION) PER DIRECTION OF LOCAL FIRE MARSHAL, IN ACCORDANCE WITH SECTION 906.1 OF THE 2010 CALIFORNIA BUILDING CODE. PROVIDE PORTABLE FIRE

18. AN APPROVED FIRE ALARM WARNING AND AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED PER APPLICABLE LOCAL CODES. SPRINKLER SYSTEM UNDER SEPARATE

19. MAX ROOM CAPACITY SHALL BE POSTED NEAR MAIN EXIT IN EACH ASSEMBLY ROOM. EXACT LOCATION TO BE COORDINATED WITH

20. NOTHING MAY BE INSTALLED WITHIN THE EXIT PASSAGEWAY

FLAME SPREAD RATING OF 76-200 WITH A MAXIMUM SMOKE GENERATION FACTOR OF 450 PER SECTION 803 CALIFORNIA BUILDING CODE. INTERIOR DECORATION & TRIM MATERIALS & HANGING & OTHER DECORATIVE MATERIALS SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF 806 CALIFORNIA BUILDING CODE.

22. ALL DIMENSIONS WITH "+/- " SUFFIX NEED TO BE VERIFIED IN FIELD.



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04/20/2018

PROJECT MANAGER: Checker

#### Author **Project Address:**

GEN BBQ SACRAMENTO

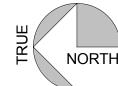
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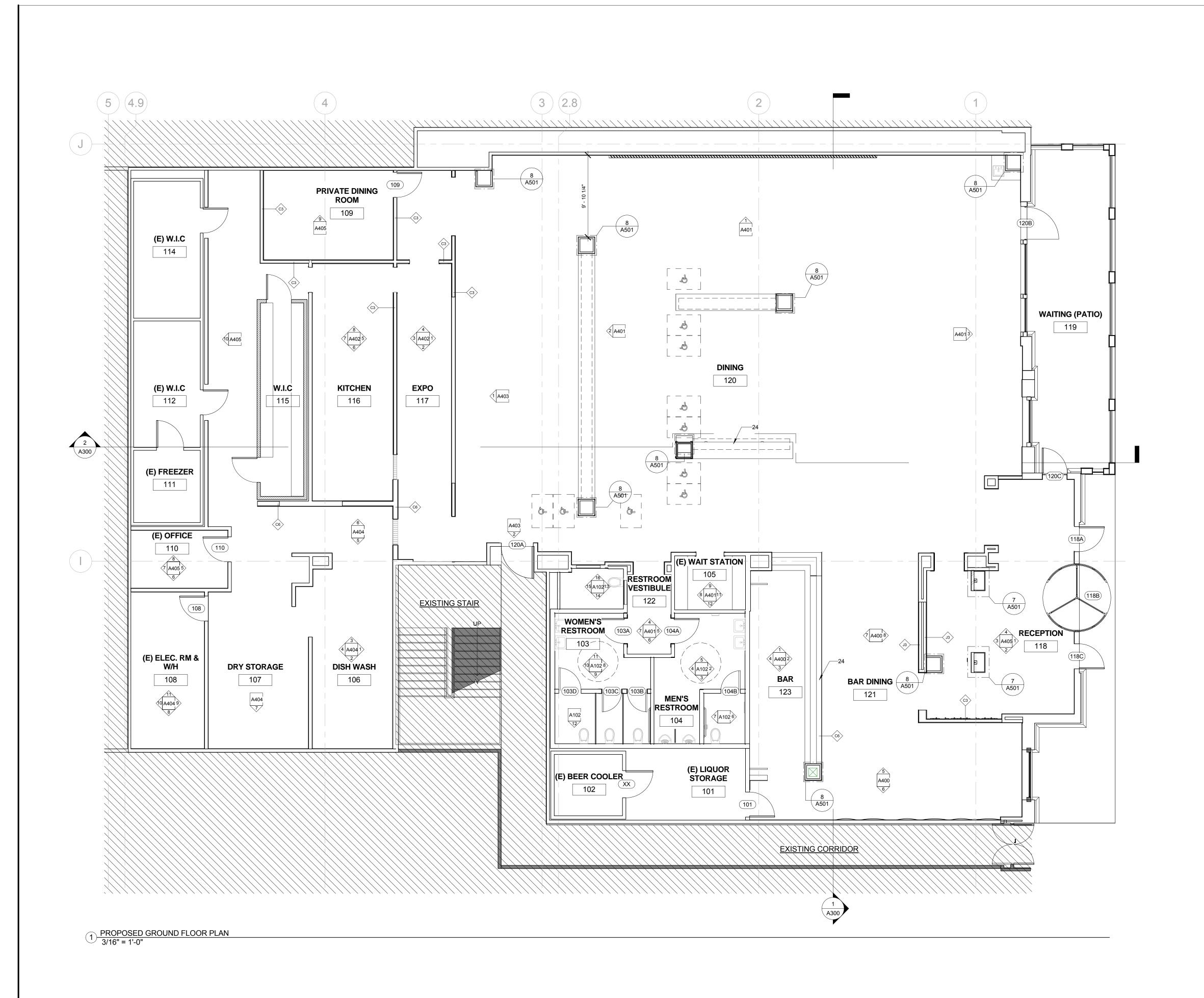
Project Number: 145-001-17

Sheet Title: DIMENSIONED FLOOR PLAN





NORTH



#### GENERAL NOTES - FLOOR PLAN

1. THE ARCHITECTURAL DRAWINGS SHOULD BE USED WITH AND IN CONJUNCTION WITH THE STRUCTURAL, MEP AND KITCHEN DRAWINGS AND SPECIFICATIONS. THE GC IS RESPONSIBLE FOR ALL COORDINATION BETWEEN THE DRAWINGS. DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF GOOD FULTON AND FARRELL.

2. ALL INTERIOR STUD WALLS TO BE 3-5/8" 20GA. @ 16" O.C. (PARTITION TYPE A3) UNLESS NOTED OTHERWISE.

DOORS SHALL BE MOUNTED MIN 4" FROM THE INTERIOR SIDE OF WALL TO THE EDGE OF THE DOOR FRAME UNLESS OTHERWISE

4. ALL WOOD BLOCKING TO BE FIRE RETARDANT TREATED. THE USE OF COMBUSTIBLE MATERIALS ABOVE THE CEILING IS NOT

PROVIDE WOOD BLOCKING AS REQUIRED FOR ANCHORING ALL EQUIPMENT WHERE SHOWN.

CONDUIT, TRAYS AND DUCTWORK MAY BE MINIMAL IN MANY

PERMITTED.

6. THE GC IS ADVISED THAT THE AVAILABLE SPACE FOR ROUTING ALL ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION, PIPING

ALL PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRE BLOCKED AND SEALED PER UL APPROVED METHODS.

LOCATIONS. THE GC SHALL COORDINATE ALL OF THE TRADES WORK.

THE GC IS TO ENSURE THE CONTINUITY OF NEW OR EXISTING FIRE-RATED CONSTRUCTION.

ALL WALL MOUNTED ITEMS SUCH AS MILLWORK, FURNITURE,

SIGNAGE, EQUIPMENT, ETC SHALL BE REINFORCED WITH BRACING, BLOCKING, AND/OR STRUCTURE AS REQUIRED. 10. THE GC SHALL BE RESPONSIBLE FOR DETERMINING THE SUPPORT REQUIRED TO MAINTAIN THE INTEGRITY OF THE WALL AND

SECURITY OF THE ITEM MOUNTED. 11. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS GOVERN; IN

CASE OF CONFLICT NOTIFY GOOD, FULTON AND FARRELL PRIOR TO PROCEEDING.

12. DIMENSIONS SHOWN AS V.I.F. SHALL BE VERIFIED IN THE FIELD BY LAYING OUT THE PARTITIONS. THE GC SHALL NOTIFY GOOD, FULTON AND FARRELL OF ANY DISCREPANCY IN DIMENSIONS PRIOR TO PROCEEDING WITH WORK.

13. ALL NEW PARTITIONS ADJOINING EXISTING CONSTRUCTION IN THE SAME PLANE SHALL BE FLUSH WITH NO VISIBLE JOINTS.

## $\frac{14. \ \ \, \text{DIMENSIONS ARE FROM FACE OF FRAMING TO FACE OF FRAMING}}{\text{U.N.O}}$

15. ALL CORE DRILLING OF FLOOR OR CUTTING FOR ROOF PENETRATIONS MUST BE DONE BY THE LANDLORD'S CONTRACTOR.

16. FOR THE PURPOSE OF THESE DRAWINGS: B.O. OR BY OWNER MEANS THE ITEM IS PROVIDED BY OWNER, ASSEMBLED AND INSTALLED BY CONTRACTOR AS PART OF THIS CONTRACT. N.I.C. OR NOT IN CONTRACT MEANS ITEM IS PROVIDED AND INSTALLED BY OWNER UNDER A SEPARATE CONTRACT.

17. PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR. PROVIDE PORTABLE FIRE EXTINGUISHERS (TYPE, QUANTITY AND LOCATION) PER DIRECTION OF LOCAL FIRE MARSHAL, IN ACCORDANCE WITH SECTION 906.1 OF THE 2010 CALIFORNIA BUILDING CODE. PROVIDE PORTABLE FIRE EXTINGUISHERS AS PER NFPA.10.

18. AN APPROVED FIRE ALARM WARNING AND AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED PER APPLICABLE LOCAL CODES. SPRINKLER SYSTEM UNDER SEPARATE

19. MAX ROOM CAPACITY SHALL BE POSTED NEAR MAIN EXIT IN EACH ASSEMBLY ROOM. EXACT LOCATION TO BE COORDINATED WITH

20. NOTHING MAY BE INSTALLED WITHIN THE EXIT PASSAGEWAY

21. INTERIOR FINISHES & INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING OF 76-200 WITH A MAXIMUM SMOKE GENERATION FACTOR OF 450 PER SECTION 803 CALIFORNIA BUILDING CODE. INTERIOR DECORATION & TRIM MATERIALS & HANGING & OTHER DECORATIVE MATERIALS SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF 806 CALIFORNIA BUILDING CODE.

22. ALL DIMENSIONS WITH "+/- " SUFFIX NEED TO BE VERIFIED IN FIELD.

KEYNOTES - FLOOR PLAN

LOW WALL (SEE ELEVATION)

LEGEND - FLOOR PLAN

AREA NOT IN SCOPE, UNO

」PLANS)

PRE-FABRICATED WALK-IN COOLER/FREEZER

— WALL TYPES

WINDOW TYPES

DOOR NUMBER

X

NEW FULL HEIGHT WALL

EXISTING WALL (REF. DEMO



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PROJECT MANAGER: Checker Author

#### **Project Address: GEN BBQ**

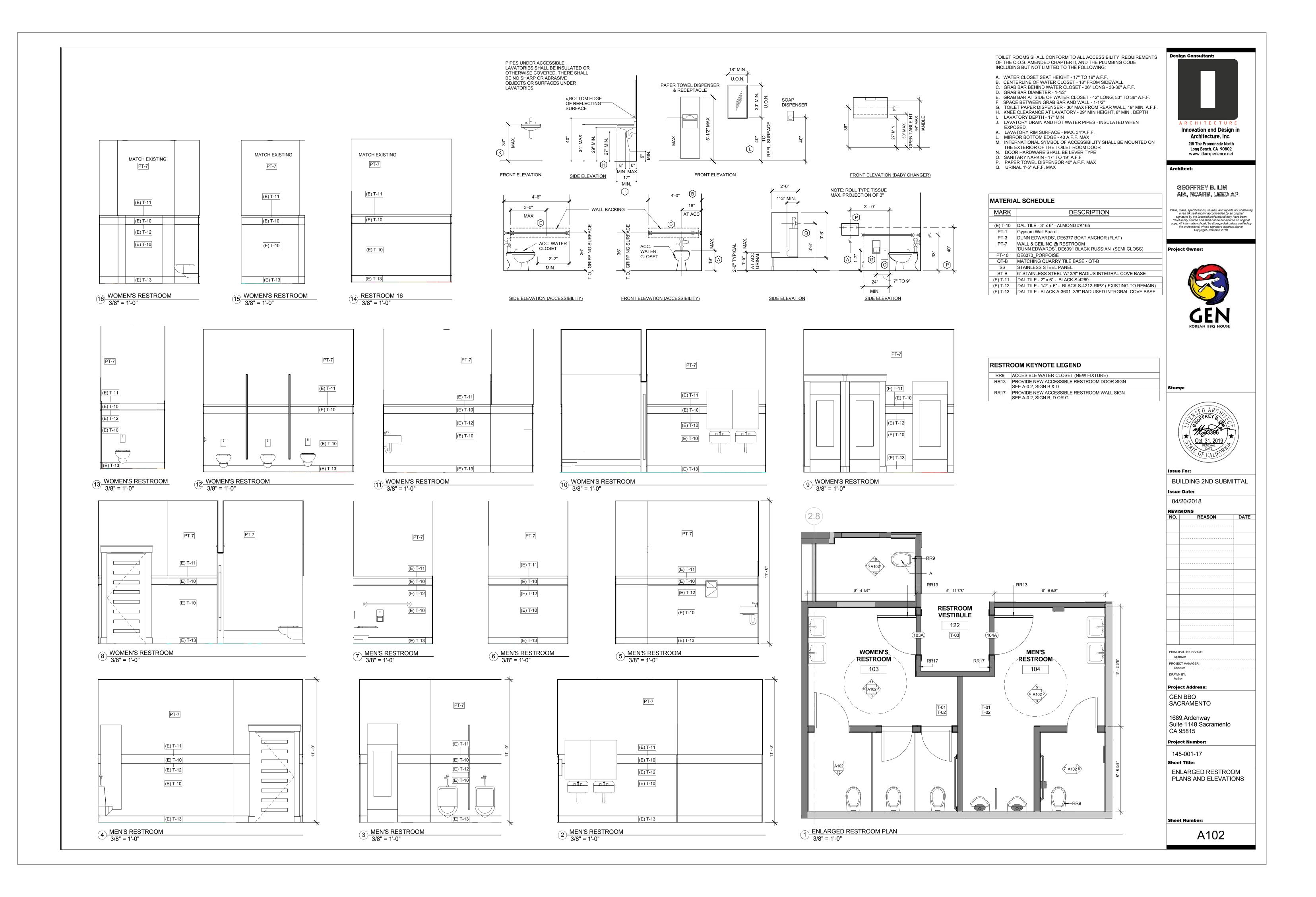
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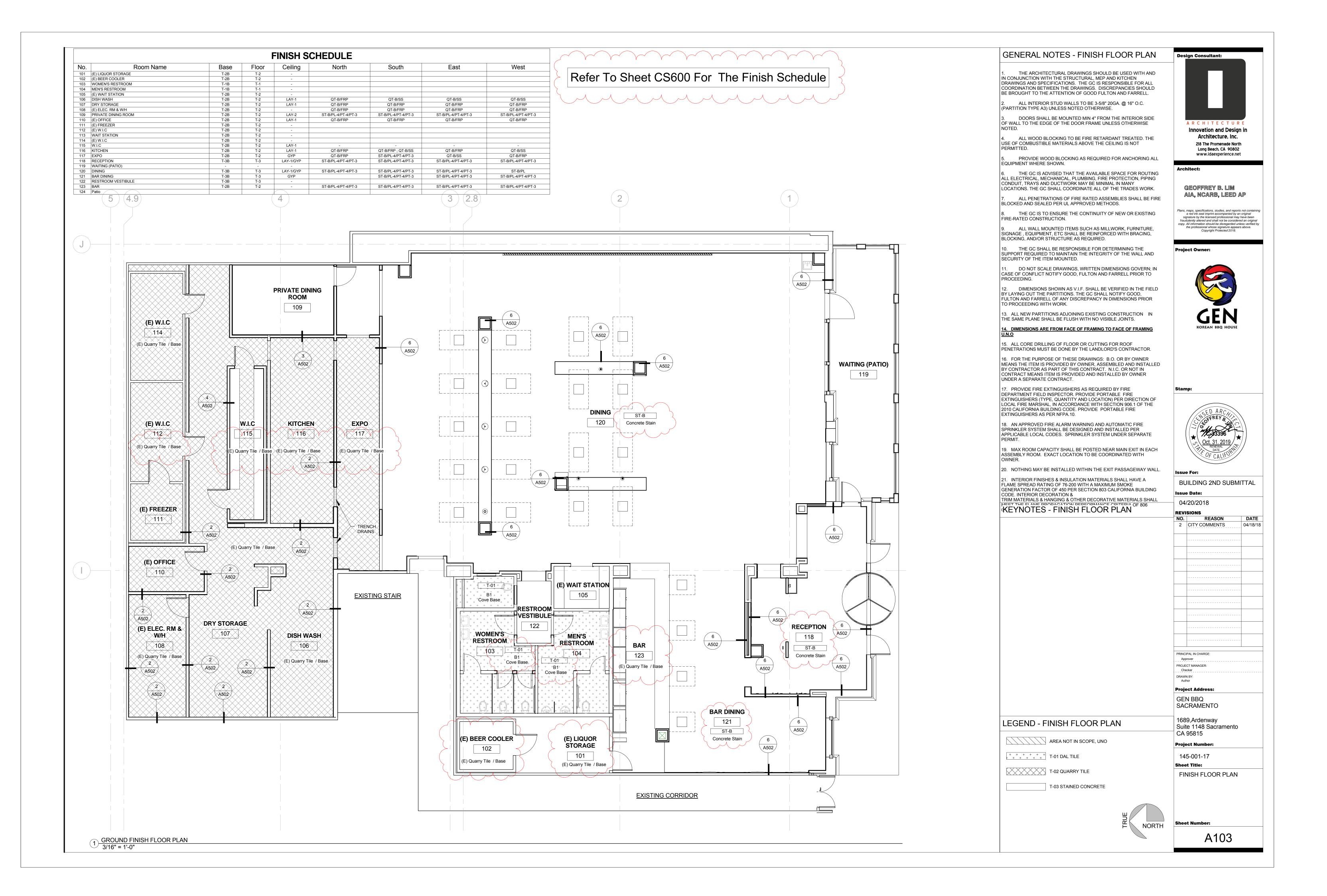
Project Number:

145-001-17 Sheet Title:

PROPOSED GROUND FLOOR PLAN







|         |                       | LIGHTING FIXTURE SO  | CHEDULE                 |                                 |  |
|---------|-----------------------|--|-------------------------|---------------------------------|--|
| e Count | Mounting Height       | Description  | Manufacturer            | Specification                   | Notes/Remarks  |
| 24      | SEE PLAN              | 2x4 LED SURFACE MOUNT TROFFER LIGHT FIXTURE W/ WASHABLE SURFACE APPROVED BY HEALTH DEPT.         | ORACLE LIGHTING         | OSMT-LED SERIES: 4000<br>LUMENS | PROVIDE SHATTERPROOF PROTECTION CONTACT: KACEY TRAN, KACEY TRAN, KACEY@IUSEELITE.COM, 323-895-8827 |
| 36<br>5 | 6'-5" & 6'-10" A.F.F. | LED GLOBE PENDANT LIGHT  | SEA GULL LIGHTING       | 6022-15 HANGING GLOBE,<br>WHITE |  |
| 2       | SEE PLAN              | NovaFlex Design Series Linear LED Tape Lighting (250LM/3W per Foot) Approximetly 277 Linear Feet | CORE LIGHTING           | LSM-15 SERIES,COLOR-RED         |  |
| 44      | 8'-0" A.F.F., U.N.O.  | NIMBUS ABSTRACT GLASS DIMMABLE LED FLUSH-MOUNT   | ACCESS LIGHTING         | 20686LEDD                       |  |
| 22      | 6'-5" & 6'-10" A.F.F. | TOMHAWK LED PENDANT  | ACCESS LIGHTING         | 70115LED, FINISH:BRZ BS         |  |
| 47      | 6'-1" A.F.F., U.N.O.  | TRACK HEAD LIGHT BULBS LIGHTSTYLES   | LIGHT BULBS LIGHTSTYLES | 61393, BULB GU10LED             |  |
| . 8     | 8'-0" A.F.F., U.N.O.  | ZENON DIMMABLE LED FLUSH MOUNT   | ACCESS LIGHTING         | 20661LEDD, FINISH: BS           |  |
| 11      | 6'-1" A.F.F., U.N.O.  | TRACK HEAD<br>LIGHT BULBS LIGHTSTYLES  | LIGHT BULBS LIGHTSTYLES | 61393, BULB GU10LED             | PROVIDE SHATTERPROOF PROTECTION  |
| 1 8     | ON EXISTING CEILING   | BOX LIGHTS   | BY OWNER                |                                 |  |
| 7       |                       | LED EXIT / EMERGENCY LIGHT W/ BATTERY BACKUP   | MAXILUME LIGHTING       | ELX-718 /ELM-LED-803            |  |
| 3       |                       | STRIP LIGHT IN COOLER/FREEZER, SURFACE MOUNTED   |                         |                                 |  |
| 5       | 4.9                   | 4  |                         |                                 | 2  |

## LIGHTING NOTES

MINIMUM OF 10 FOOT-CANDLES OF LIGHT EASURED 30" OFF FLOOR IS PROVIDED IN WALK-IN EFRIGERATED STORAGE AND DRY STORAGE ROOMS AND AT LEAST 20 FOOT-CANDLES IS PROVIDED WHERE FOOD IS PROVIDED FOR ONSUMER SELF-SERVICE, WHERE FRESH PRODUCE OR PREPACKAGED FOODS ARE SOLD OR OFFERED FOR CONSUMPTION; INSIDE EQUIPMENT SUCH AS REACH-IN AND UNDER-COUNTER EFRIGERATORS; IN AREAS USED FOR IANDWASHING, WAREWASHING, EQUIPMENT AND TENSILS STORAGE, AND IN TOILET ROOMS. MINIMUM OF 50 FOOT-CANDLES OF LIGHT EASURED 30" OFF FLOOR IS PROVIDED WHEN R EQUIPMENT SUCH AS KNIVES, SLIVERS, RINDERS, OR SAWS WHERE EMPLOYEE SAFETY IS

ORKING WITH FOOD OR WORKING WITH UTENSILS FACTOR AND IN ALL AREAS DURING PERIODS OF \_EANING. SHATTERSHIELDS FOR ALL LIGHTS ABOVE FOOD

PREPARATION, WORK, AND STORAGE AREAS WILL LL FLUORESCENT FIXTURES WITH DOUBLE-ENDED MPS SHALL BE EQUIPPED WITH DISCONNECT

#### GENERAL NOTES - REFLECTED CEILING PLAN

- THE ARCHITECTURAL DRAWINGS SHOULD BE USED WITH AND IN CONJUNCTION WITH THE CIVIL, STRUCTURAL, MEP, FIRE PROTECTION DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION BETWEEN THE DRAWINGS. DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF GOOD FULTON & FARRELL.
- THE GENERAL CONTRACTOR IS ADVISED THAT THE AVAILABLE SPACE FOR ROUTING ALL ELECTRICAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND COMMUNICATIONS PIPING CONDUIT, TRAYS AND DUCTWORK MAY BE MINIMAL IN MANY LOCATIONS. THE GENERAL CONTRACTOR SHALL COORDINATE ALL OF THE T RADES WORK.
- G.C. TO VERIFY FIELD CONDITIONS AND LOCATIONS OF ALL PLUMBING, DUCTS, STRUCTURAL ELEMENTS, ETC., AND ARRANGE & MODIFY NON-VISIBLE ITEMS TO ENSURE ADEQUATE CLEARANCES FOR CEILING LAYOUT SHOWN.
- ALL PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRE
- BLOCKED AND SEALED PER UL APPROVED METHODS. THE GENERAL CONTRACTOR IS TO ENSURE THE CONTINUITY OF

NEW OR EXISTING FIRE-RATED CONSTRUCTION.

- ALL MANUFACTURER'S NAME, TRADEMARK, LOGOS, ETC SHALL NOT BE VISIBLE TO THE PUBLIC, UNLESS REQUIRED BY THE BUILDING CODE.
- ALL CEILING MOUNTED ITEMS SHALL BE REINFORCED WITH BRACING, BLOCKING, AND/OR STRUCTURE AS REQUIRED. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SUPPORT REQUIRED TO MAINTAIN THE INTEGRITY OF THE CEILING AND THE SECURITY OF THE ITEM MOUNTED. THE GENERAL CONTRACTOR SHALL COORDINATE THE PLACEMENT OF ALL BLOCKING PRIOR TO CLOSING OF CEILING. ALL BLOCKING SHALL BE FIRE RETARDANT TREATED. USE OF COMBUSTIBLE MATERIALS ABOVE THE CEILING IS NOT PERMITTED.
- PROVIDE FRAMING ABOVE CEILING WHERE WALLS DO NOT GO TO DECK FOR SUPPORT OF SUSPENDED ACOUSTICAL CEILING
- DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS GOVERN. IN CASE OF CONFLICT. NOTIFY GOOD FULTON & FARRELL FOR WRITTEN CLARIFICATION PRIOR TO PROCEEDING.
- DIMENSIONS SHOWN AS "V.I.F." SHALL BE VERIFIED IN THE FIELD.THE GENERAL CONTRACTOR SHALL NOTIFY GOOD, FULTON & FARRELL OF ANY DISCREPANCY IN DIMENSIONS PRIOR TO PROCEEDING WITH WORK IN THAT AREA.
- DIMENSIONS MARKED "HOLD" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF FINISHES. THE GENERAL CONTRACTOR SHALL NOT ADJUST DIMENSION WITHOUT WRITTEN INSTRUCTIONS FROM GOOD FULTON & FARRELL.
- THE LOCATIONS OF MECHANICAL, ELECTRICAL, AND FIRE PROTECTION FIXTURES, SPRINKLER HEADS, RETURN AND SUPPLY AIR GRILLES, SECURITY DEVICES, ETC.) ARE SHOWN FOR REFERENCE ONLY AND SHALL BE CONFIRMED WITH GOOD FULTON & FARRELL IN THE FIELD PRIOR TO INSTALLATION. REFER TO MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS & SPECIFICATIONS FOR DESIGN OF THESE SYSTEMS. NOTIFY GOOD | Stamp: FULTON & FARRELL OF ANY CONFLICTS PRIOR TO INSTALLATION.
- SWITCHES SHOWN ADJACENT TO EACH OTHER SHALL BE GANGED AND COVERED WITH A SINGLE COVERPLATE. REFER TO ELECTRICAL DRAWINGS FOR SWITCH COVER PLATE SPECIFICATION. NOTIFY GOOD FULTON & FARRELL OF ANY CONFLICTS PRIOR TO INSTALLATION.
- COLOR OF ESCUTCHEON COVERS IN CEILINGS WILL BE SELECTED BY GOOD, FULTON & FARRELL.
- THE GENERAL CONTRACTOR SHALL PROVIDE ACCESS PANELS AT ALL CONCEALED MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS WHICH REQUIRE SERVICE OR ACCESS. ACCESS PANELS IN RATED CEILINGS SHALL HAVE THE SAME RATING AS THE ASSEMBLY THEY
- ALL CEILING MOUNTED DEVICES, SUCH AS LIGHT FIXTURES, FIRE ALARM STROBES OCCUPANCY SENSORS, SPEAKERS, RETURN AND SUPPLY AIR GRILLES, SECURITY DEVICES, ETC. TO BE CENTERED IN TILE, UNO.
- 17. ALL CEILING HEIGHTS TO BE AS PER DRAWINGS.
- ALL FIRE PROTECTION ITEMS (SPRINKLER HEADS) TO BE CENTERED IN THE CEILING TILE (BOTH WAYS), UNO.
- THE LIGHTING LAYOUT AND TYPES SHALL MEET ALL ENERGY CODE
- PROVIDE SHOP DRAWINGS AND PRODUCT SUBMITTALS FOR ALL LIGHT FIXTURES, FIRE ALARM STROBES, FIRE/LIFE/SAFETY DEVICES, SECURITY DEVICES, SPEAKERS, ETC. PRIOR TO ORDERING, FABRICATION, AND INSTALLATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SUBMITTALS IN A

TIMELY MANNER TO ALLOW FOR CORRECTIONS OR REJECTIONS

REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

WITHOUT CAUSING DELAY TO THE PROJECT SCHEDULE. PROVIDE EMERGENCY LIGHTING AS REQUIRED PER MEP. REF STRUCTURAL DETAIL 05/S201 FOR ABOVE CEILING SUPPORT

OF FIXTURE C1,C2, & C3. `

- INTERIOR FINISHES & INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING OF 76-200 WITH A MAXIMUM SMOKE GENERATION FACTOR OF 450 PER SECTION 803 CALIFORNIA BUILDING CODE. INTERIOR DECORATION & TRIM MATERIALS & HANGING & OTHER DECORATIVE MATERIALS SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF 806CALIFORNIA BUILDING CODE.
  - SUSPENDED CELING SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ASTM C635, ASTM C636, AND COMPLY WITH 2010 CBC 2506.2.1 / ASCE 7-05, SECTION 13.5.6. REF. SHEET A502 FOR DETAILS.

### LEGEND - REFLECTED CEILING PLAN

2' x 2' ACOUSTICAL CEILING TILE(BLACK COLOR) 2 x 4 RECESSED TROFFER LIGHT

6" DIA LED RECESSED DOWNLIGHT LED GLOBE PENDANT LIGHT

NIMBUS ABSTRACT GLASS DIMMABLE LED FLUSH MOUNT

TOMAHAWK LED PENDANT TRACK HEAD

CHROME HOODS

LED COVE LIGHT

ZENON DIMMABLE LED FLUSH-MOUNT FREEZER & COOLER LIGHTS

LED EXIT / EMERGENCY LIGHT W/BATTERY LED EMERGENCY LIGHT





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REASON

04/20/2018

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| 2 | CITY COMMENTS | 04/18/18 |
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PROJECT MANAGER: DRAWN BY: Author

**Project Address:** GEN BBQ SACRAMENTO

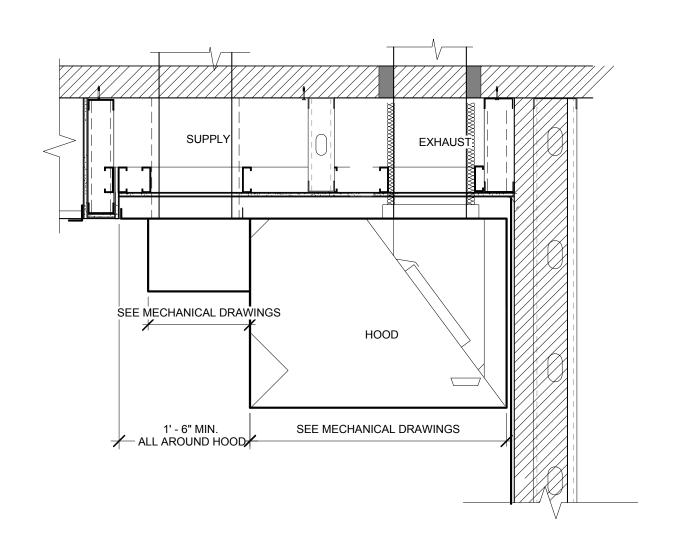
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CA 95815 Project Number:

145-001-17

Sheet Title: REFLECTED CEILING





# SECTION DETAIL - KITCHEN HOOD 1" = 1'-0"

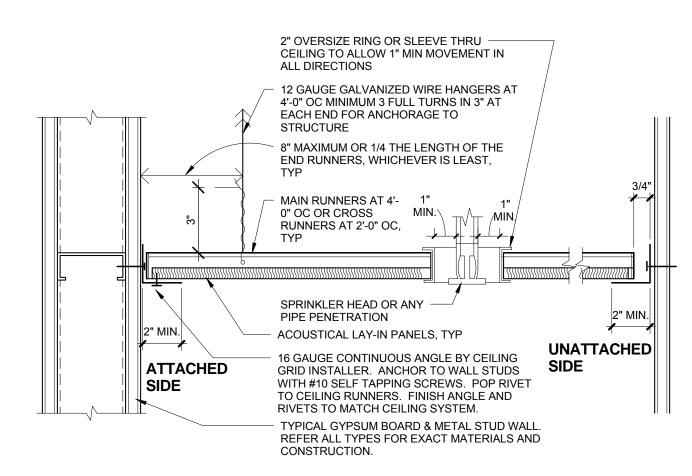
#### T- BAR GRID AND VERTICAL SUPPORT NOTES

THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE 2" MIN. WIDE (UNLESS LISTED CLIPS FOR THIS PURPOSE ARE USED, IN WHICH CASE, PROVIDE COPY OF ICC ES REPORT AND REFER TO REPORT ON DRAWINGS/DETAILS.) IN EACH ORTHOGONAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE, AND THE OTHER END SHALL REST ON THE SUPPORTING ANGLE WITH A 0.75" CLEARANCE TO THE WALL AND BE FREE TO SLIDE. (ASCE 7-05 SEC. 13.5.6.22 B) PERIMETER CLOSURE ANGLE ENDS, AND ENDS OF MAIN T-BAR AND CROSS T-BAR MEMBERS, SHALL BE TIED TOGETHER.

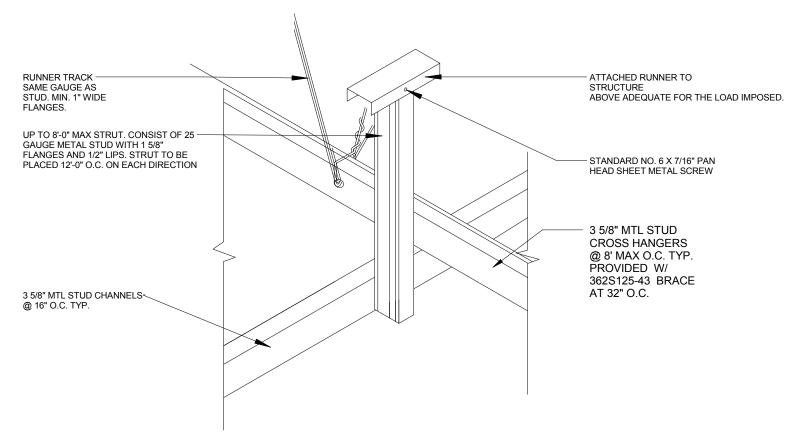
CEILING FRAMES, TYP.
PER 2006 IBC SECTIONS 803.9, 2506.2.1.
A.S.T.M. C 635-00
A.S.T.M. C 636-04

SUSPENDED ACOUSTICAL CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASTM C 636. SEC 1613.1

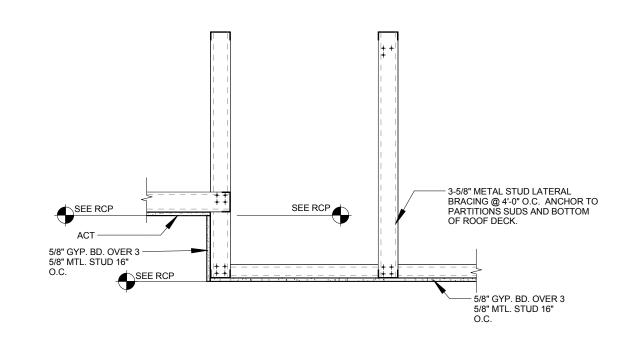
PER ASCE 7-10, CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING UP INTO AREAS NOT EXCEEDING 2,500 S.F. SHALL BE PROVIDED UNLESS STRUCTURAL ANALYSES ARE PERFORMED OF THE CEILING BRACING SYSTEM FOR THE PRESCRIBED SEISMIC FORCES THAT DEMONSTRATE CEILING SYSTEM PENETRATIONS AND CLOSURE ANGLES PROVIDED SUFFICIENT CLEARANCE TO ACCOMMODATE THE ANTICIPATED LATERAL DISPLACEMENT. EACH AREA SHALL BE PROVIDED WITH CLOSURE ANGLES.



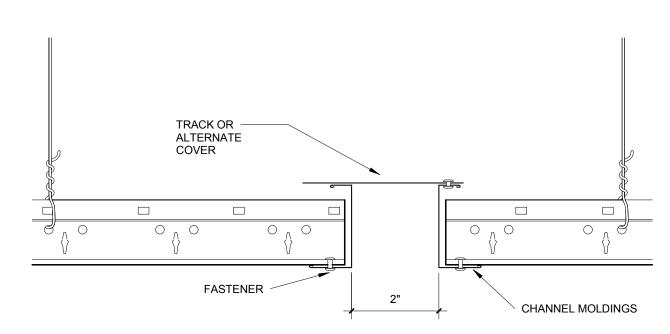
9 CEILING SECTION - PERIMETER AREA
3" = 1'-0"



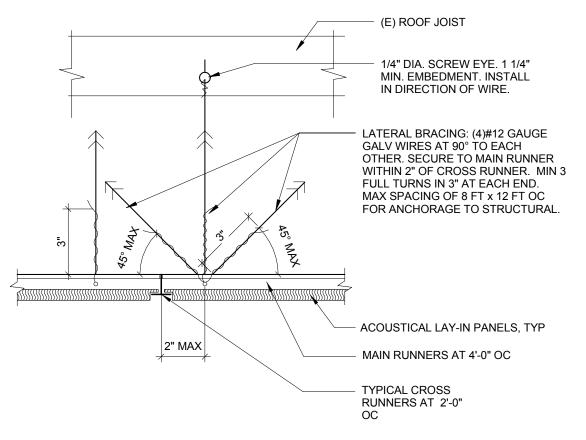
## DETAIL - GYP. BOARD CEILING



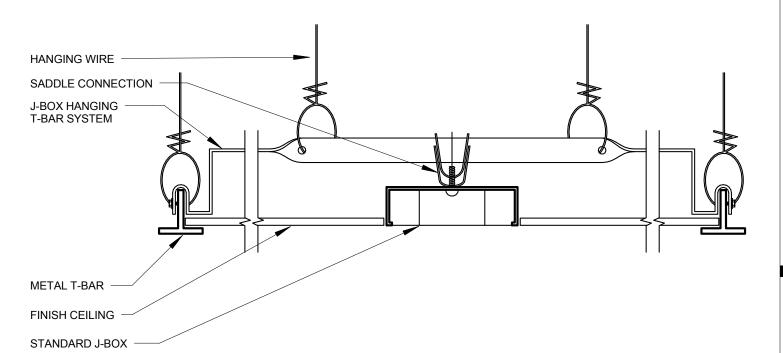
## 7 DETAIL - GYP. BOARD SOFFIT



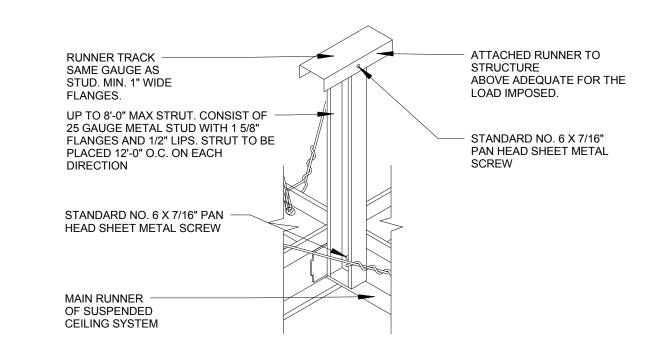
## SEISMIC SEPERATION JOINT



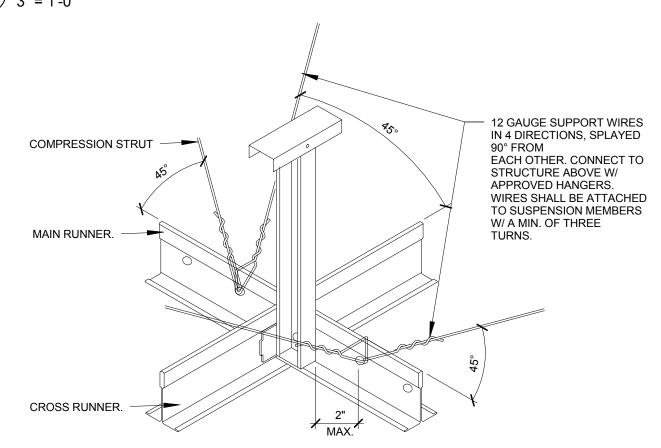
## 5 CEILING SECTION @ GRID INTERSECTION



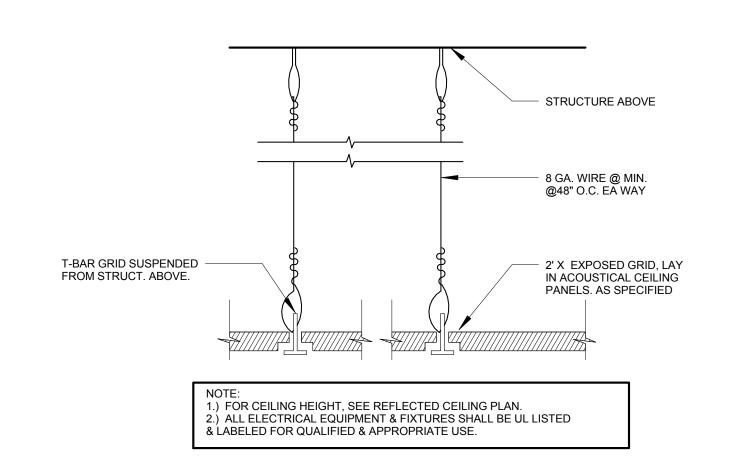
# TYP. J-BOX @ CEILING GRID



# COMPRESSION STRUT @ CEILING 3" = 1'-0"



# 2 CEILING BRACING DETAIL 3" = 1'-0"



# 1 TYP. CEILING TILE DETAIL 3" = 1'-0"



#### Architect:

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| CT MANAGER:<br>SLEY STEPHENS | <br> |

PRINCIPAL IN CHARGE:
JOSH COOL
PROJECT MANAGER:
WESLEY STEPHENS
DRAWN BY:
WESLEY STEPHENS
Project Address:
GEN BBQ

SACRAMENTO

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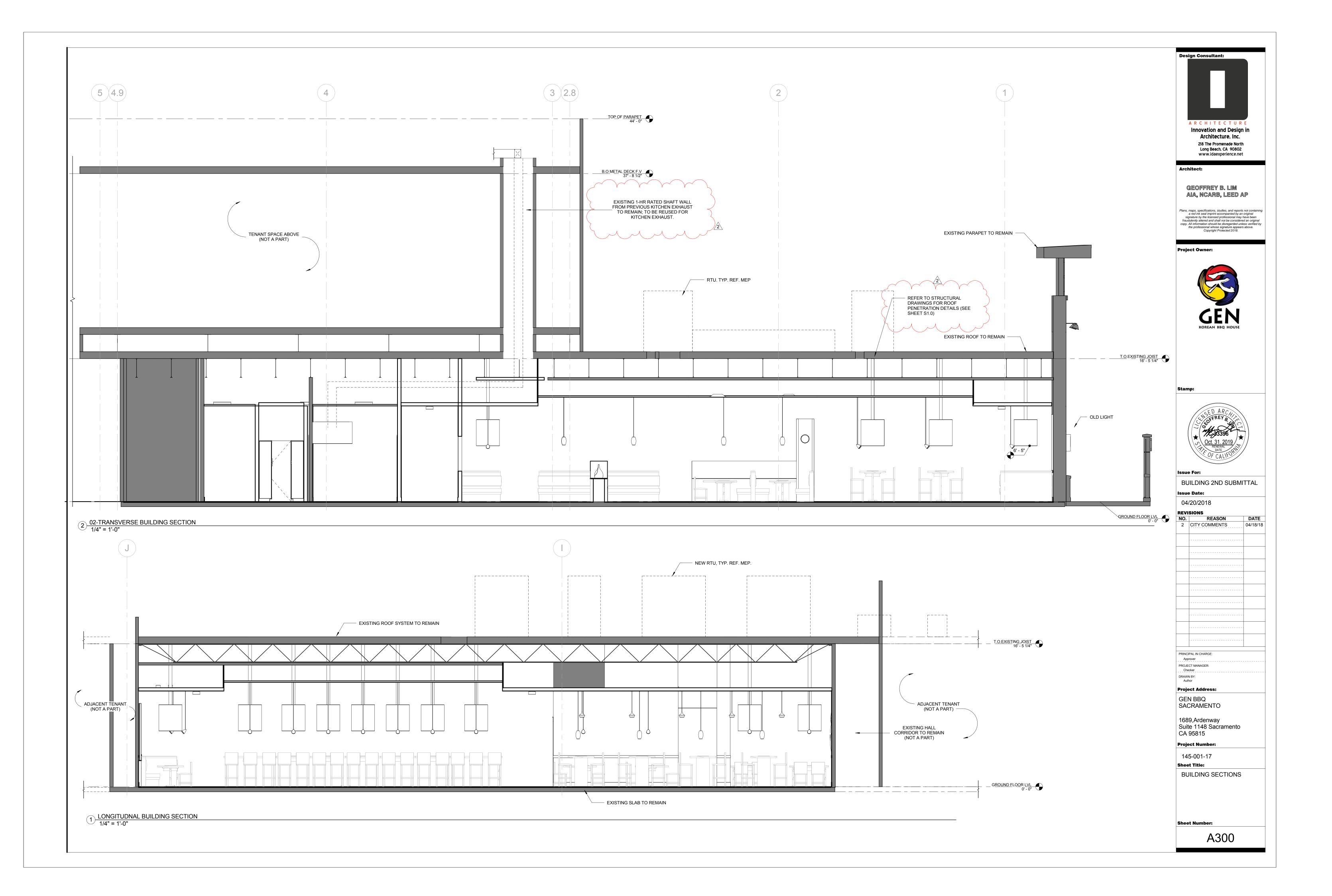
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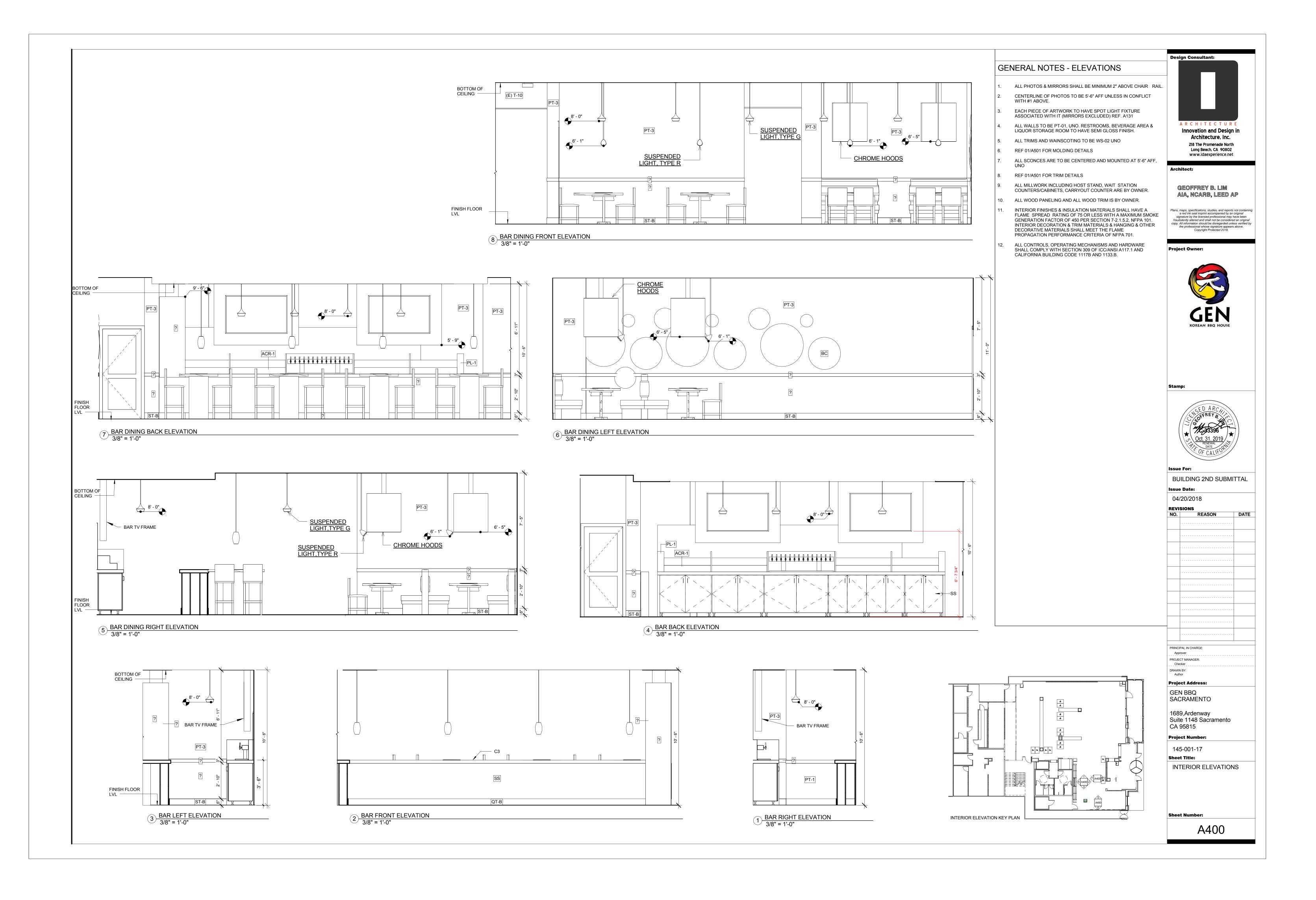
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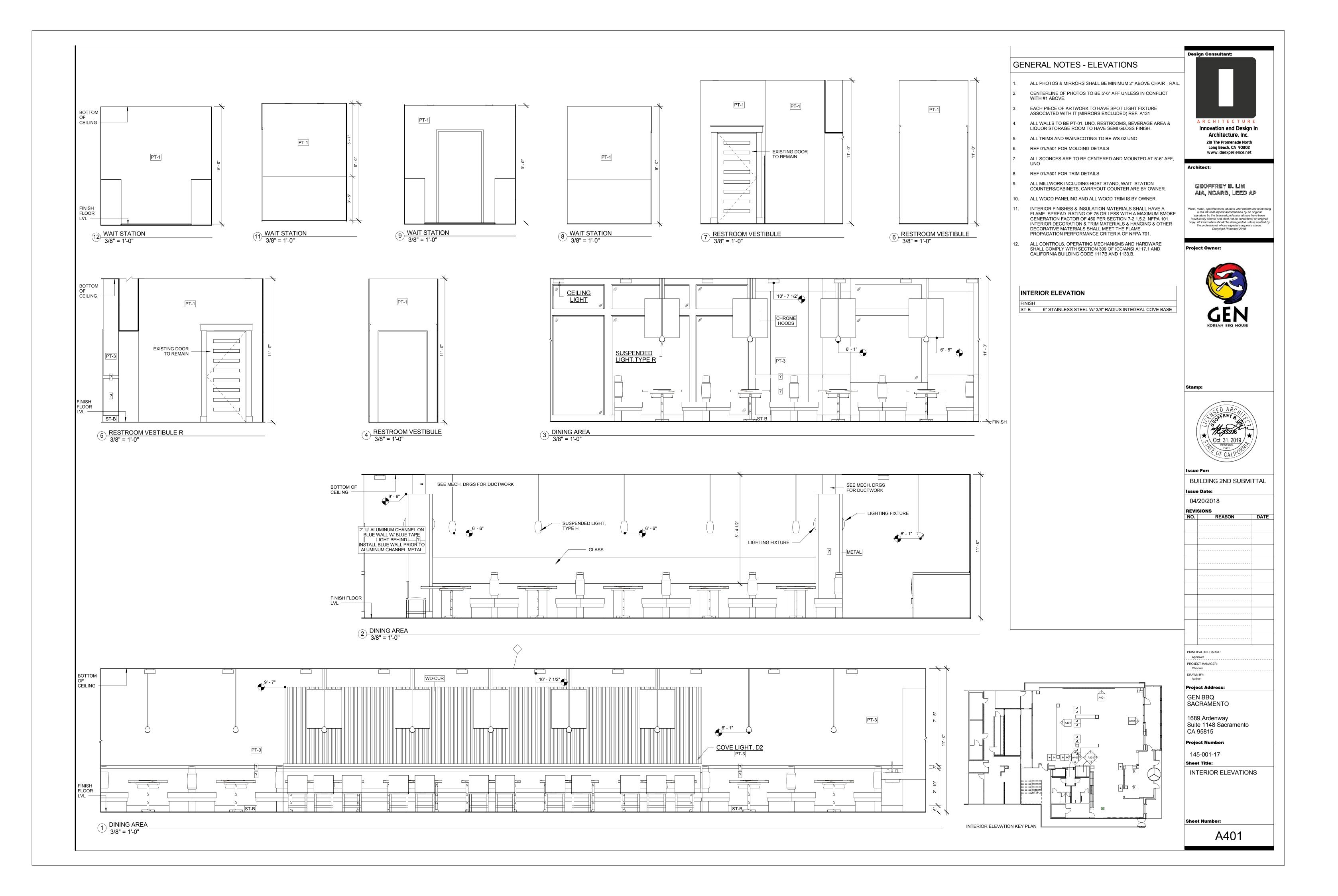
TYPICAL CEILING DETAILS

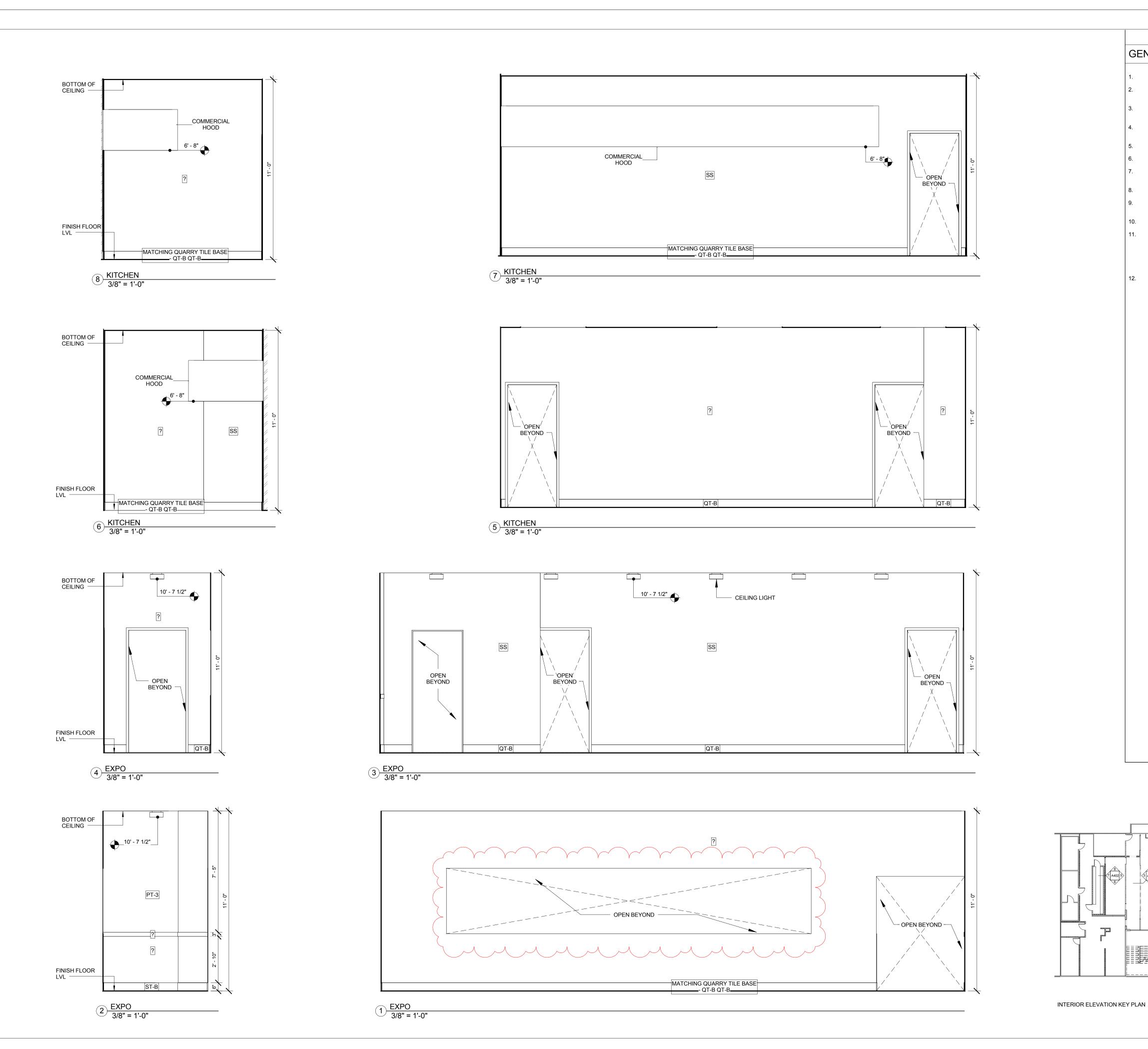
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#### GENERAL NOTES - ELEVATIONS

- ALL PHOTOS & MIRRORS SHALL BE MINIMUM 2" ABOVE CHAIR RAIL.
   CENTERLINE OF PHOTOS TO BE 5'-6" AFF UNLESS IN CONFLICT WITH #1 ABOVE.
- 3. EACH PIECE OF ARTWORK TO HAVE SPOT LIGHT FIXTURE ASSOCIATED WITH IT (MIRRORS EXCLUDED) REF. A131
- ALL WALLS TO BE PT-01, UNO. RESTROOMS, BEVERAGE AREA & LIQUOR STORAGE ROOM TO HAVE SEMI GLOSS FINISH.
- ALL TRIMS AND WAINSCOTING TO BE WS-02 UNO
- REF 01/A501 FOR MOLDING DETAILS
- ALL SCONCES ARE TO BE CENTERED AND MOUNTED AT 5'-6" AFF,
- 8. REF 01/A501 FOR TRIM DETAILS
- 9. ALL MILLWORK INCLUDING HOST STAND, WAIT STATION COUNTERS/CABINETS, CARRYOUT COUNTER ARE BY OWNER.
- 10. ALL WOOD PANELING AND ALL WOOD TRIM IS BY OWNER.
- 11. INTERIOR FINISHES & INSULATION MATERIALS SHALL HAVE A FLAME SPREAD RATING OF 75 OR LESS WITH A MAXIMUM SMOKE GENERATION FACTOR OF 450 PER SECTION 7-2.1.5.2, NFPA 101. INTERIOR DECORATION & TRIM MATERIALS & HANGING & OTHER DECORATIVE MATERIALS SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701.
- 12. ALL CONTROLS, OPERATING MECHANISMS AND HARDWARE SHALL COMPLY WITH SECTION 309 OF ICC/ANSI A117.1 AND CALIFORNIA BUILDING CODE 1117B AND 1133.B.



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| PRINCIPAL IN CHARGE:        |
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| DRAWN BY:<br>Author         |
| Project Address:            |
| GEN BBQ<br>SACRAMENTO       |

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INTERIOR ELEVATIONS

A 400

|                                      | PAIN                                | NT SCHEDULE   |        |
|--------------------------------------|-------------------------------------|---|--------|
| Wall                                 | Finish Type                         | Description   | Area   |
| Ext Finish - 1"- Signage Wall        | (GEN)-PAINT FINISH_SW7019           |   | 104 SF |
| Ext Finish - 1"- Signage Wall Plaine | (GEN)-PAINT FINISH_SW7019           |   | 16 SF  |
| Ext Finish - 1/2"                    | (GEN)-PAINT FINISH_SW6252           |   | 373 SF |
| Ext Finish - 7 1/16"- Signage Wall   | (02.1) 17.11.11 11.11.010110202     |   | 320 SF |
| Exterior Wall_Type 04                | (GEN)-PAINT FINISH_SW7019           |   | 101 SF |
| Interior - 4 7/8" Partition C3       | (0211) 1711111 1111011_011101       |   | 1456 S |
| Interior - 8" Partition              | (GEN)-SS                            | STAINLESS STEEL PANEL   | 77 SF  |
| Interior - 8" Partition_ C6          | (GEN) - PAINT FINISH DE6373 - PT-10 | DE6373 PORPOISE   | 134 SF |
| Type 6 _9"                           | (02.1)                              | <u> </u>  | 477 SF |
| Wall -2 1/2"                         | (GEN)-PAINT FINISH_SW7019           |   | 78 SF  |
| Wall - 1'-1 1/4"                     | (GEN)-PAINT FINISH SW7016           |   | 70 SF  |
| Wall - 1'-1 7/8"                     | (GEN)-PAINT FINISH_SW7016           |   | 109 SF |
| Wall - 1'-1"                         | (GEN)-FINISH_SW6991_TEXTURE         |   | 121 SI |
| Wall - 1'-3 7/8"                     | (GEN)-PAINT FINISH_SW7016           |   | 26 SF  |
| Wall - 1'-5 3/8"                     | (GEN)-PAINT FINISH_SW7019           |   | 26 SF  |
| Wall - 1'- 0"                        | (GEN)-PAINT FINISH_SW7016           |   | 96 SF  |
| Wall - 4 1/2"                        | (GEN)-PAINT FINISH_SW7016           |   | 84 SF  |
| Wall _1/2" MDF Board exter           | (GEN) LATITUDE WEST - PL-4          | WAINSCOT / LOW WALL / COLUMN MDF FINISH (THERMALLY FUSED LAMINATE PANEL) 'AMERICAN LAMINATES', RW TEXTURE GRAIN, COLOR: LATITUDE WEST ,CONTACT: RUGBY JOHN MCCREE | 481 SI |
| Wall A3 - 3 5/8"_Bath 2              | (GEN) -PAINT FINISH - DE6391 - PT-7 | WALL & CEILING @ RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)   | 298 SI |
| Wall A3 - 4 7/8"_Bath 2              | (GEN) -PAINT FINISH - DE6391 - PT-7 | WALL & CEILING @ RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)   | 206 SI |
| Wall A4 - 4 7/8"_Bath_One side       | (GEN) -PAINT FINISH - DE6391 - PT-7 | WALL & CEILING @ RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)   | 38 SF  |
| Wall A4 - 4 7/8"_Bath_One side 2     | (GEN) -PAINT FINISH - DE6391 - PT-7 | WALL & CEILING @ RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)   | 127 SI |
| Wall A5 - 7 1/4"                     | (GEN)-DE6377 BOAT ANCHOR PT-3       | DUNN EDWARDS', DE6377 BOAT ANCHOR (FLAT)  | 100 S  |
| Wall A6 - 6" No Finish               |                                     |   | 241 S  |
| Wall A6 - 7 1/4"_Bath One side       |                                     |   | 1141 S |
| Wall E4 - 4 7/8"                     | (GEN)-PAINT FINISH_SW7019           |   | 1152 S |
| Wall E4 - 4 7/8"_Bath 2              | (GEN) -PAINT FINISH - DE6391 - PT-7 | WALL & CEILING @ RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)   | 252 S  |
| Wall E4 - 4 7/8"_Bath One Side 2     | (GEN) -PAINT FINISH - DE6391 - PT-7 | WALL & CEILING @ RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)   | 60 SF  |
| Wall J1 - 3 1/8"_Bath one side       | (GEN) -PAINT FINISH - DE6391 - PT-7 | WALL & CEILING @ RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)   | 91 SF  |
| Wall J3 - 4 1/4"                     |                                     | · · · · · ·   | 1316 S |
| Wall J3 - 4 1/4" _C3                 | (GEN)-PAINT FINISH_WOOD             |   | 133 SI |
| Wall J3 - 4 1/4"_Bath one side       | (GEN) -PAINT FINISH - DE6391 - PT-7 | WALL & CEILING @ RESTROOM 'DUNN EDWARDS', DE6391 BLACK RUSSIAN (SEMI GLOSS)   | 37 SF  |

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INTERIOR ELEVATION



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PROJECT MANAGER:
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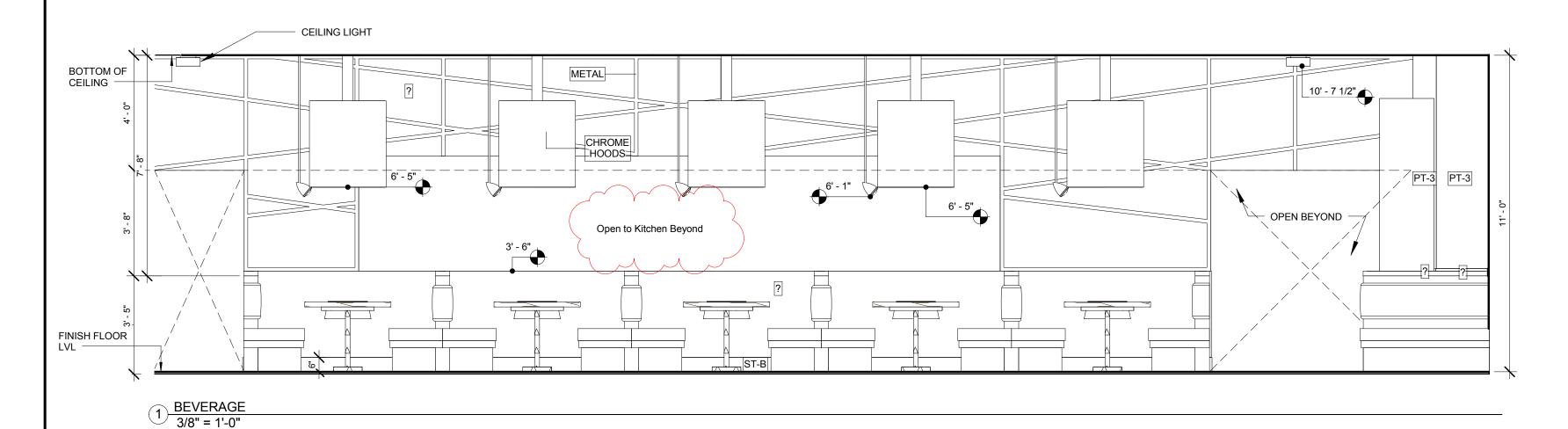
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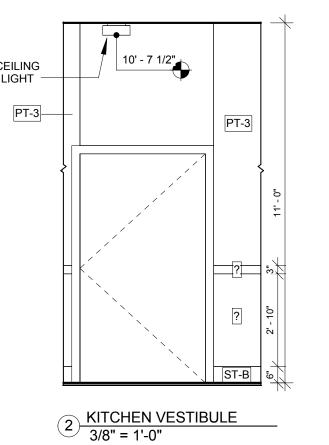
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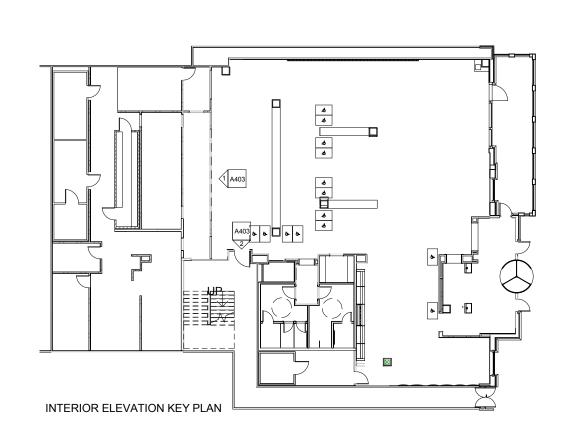
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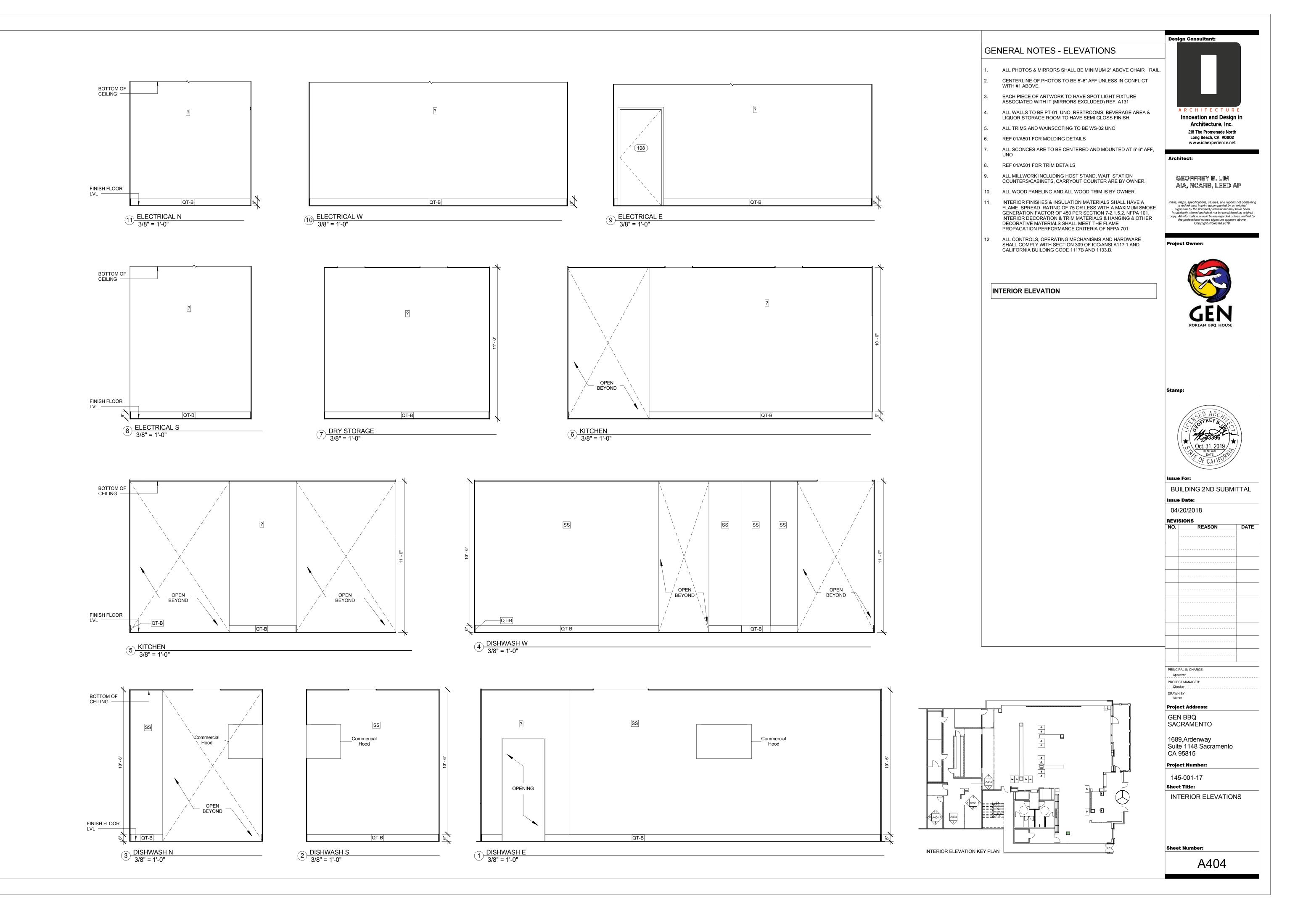
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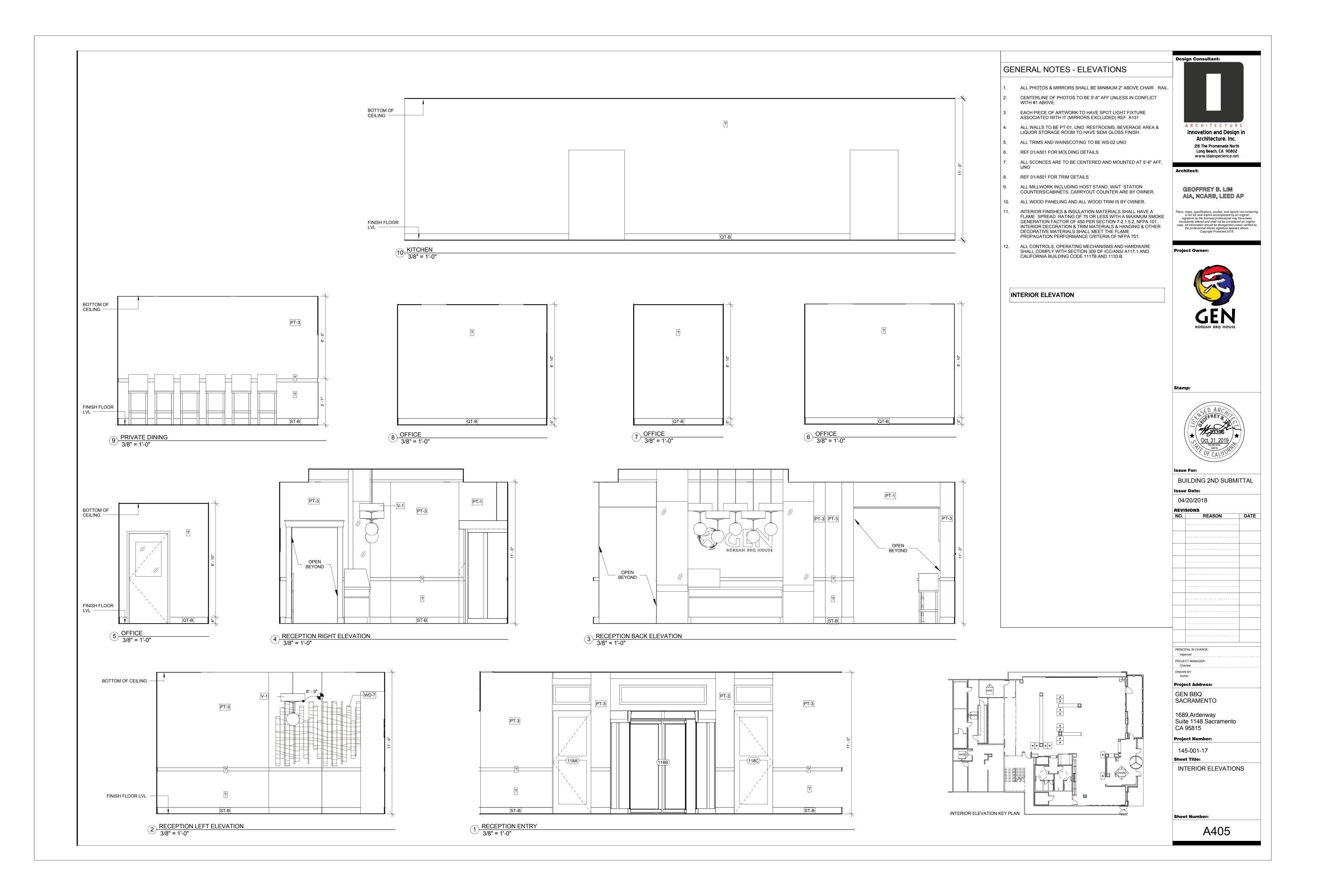
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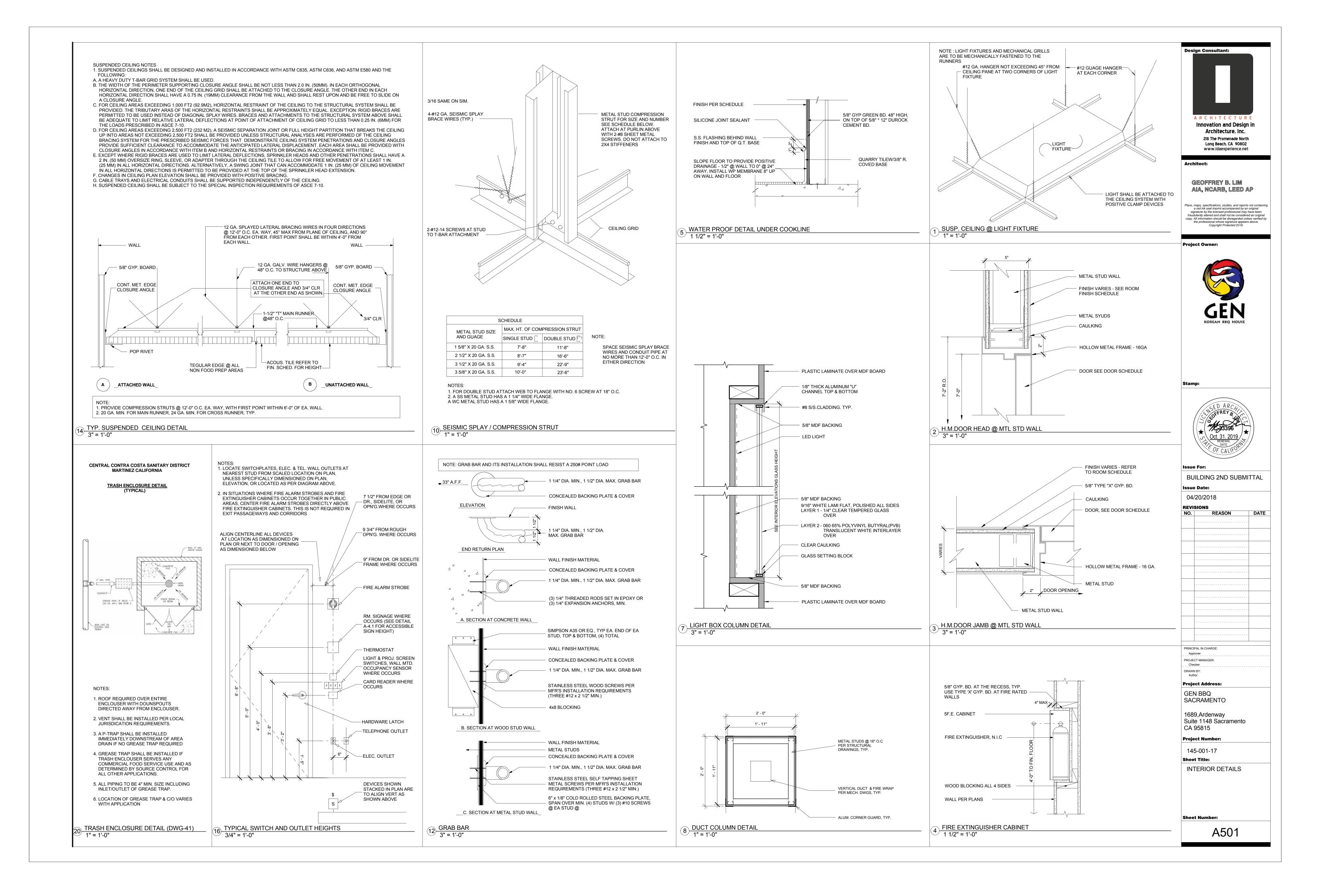




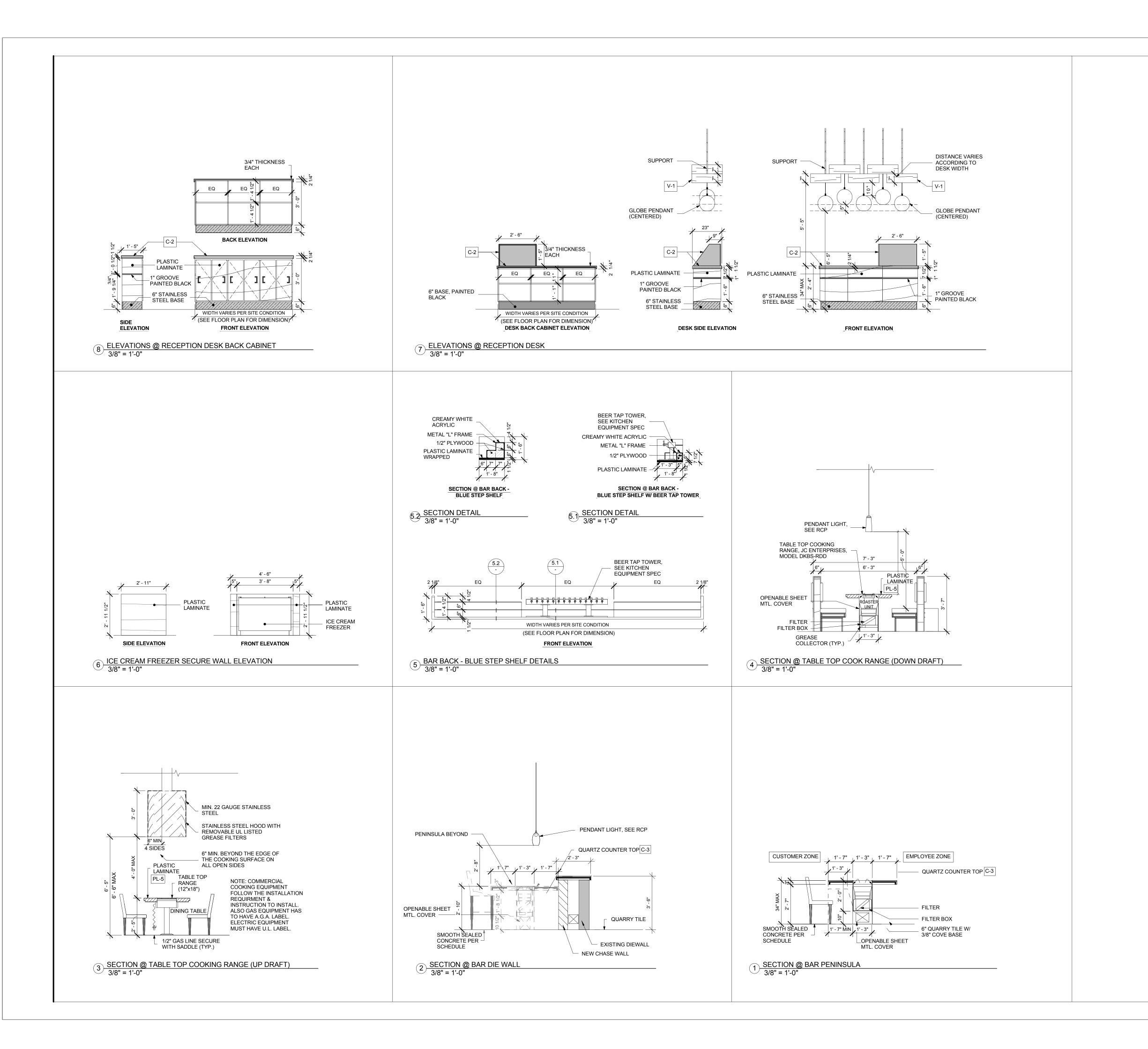














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Project Address: GEN BBQ

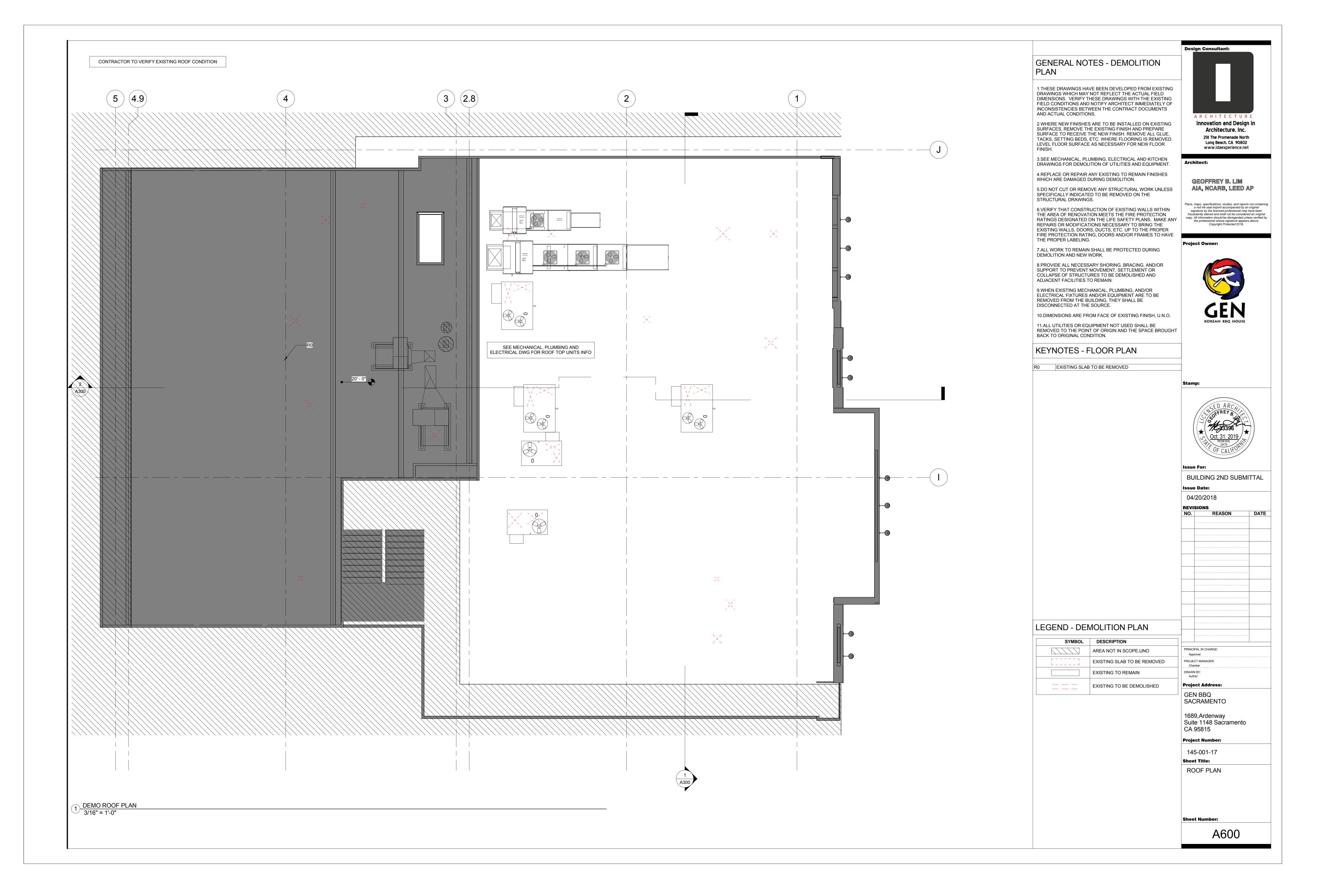
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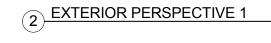
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TYPICAL INTERIOR ELEVATIONS











1) EXTERIOR PERSPECTIVE - FACADE



5 EXTERIOR PERSPECTIVE - PATIO



4 EXTERIOR PERSPECTIVE 3





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Approver PROJECT MANAGER: Checker DRAWN BY: Author

PRINCIPAL IN CHARGE:

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Project Number:

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PERSPECTIVES













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PROJECT MANAGER:

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INTERIOR PERSPECTIVES

A701







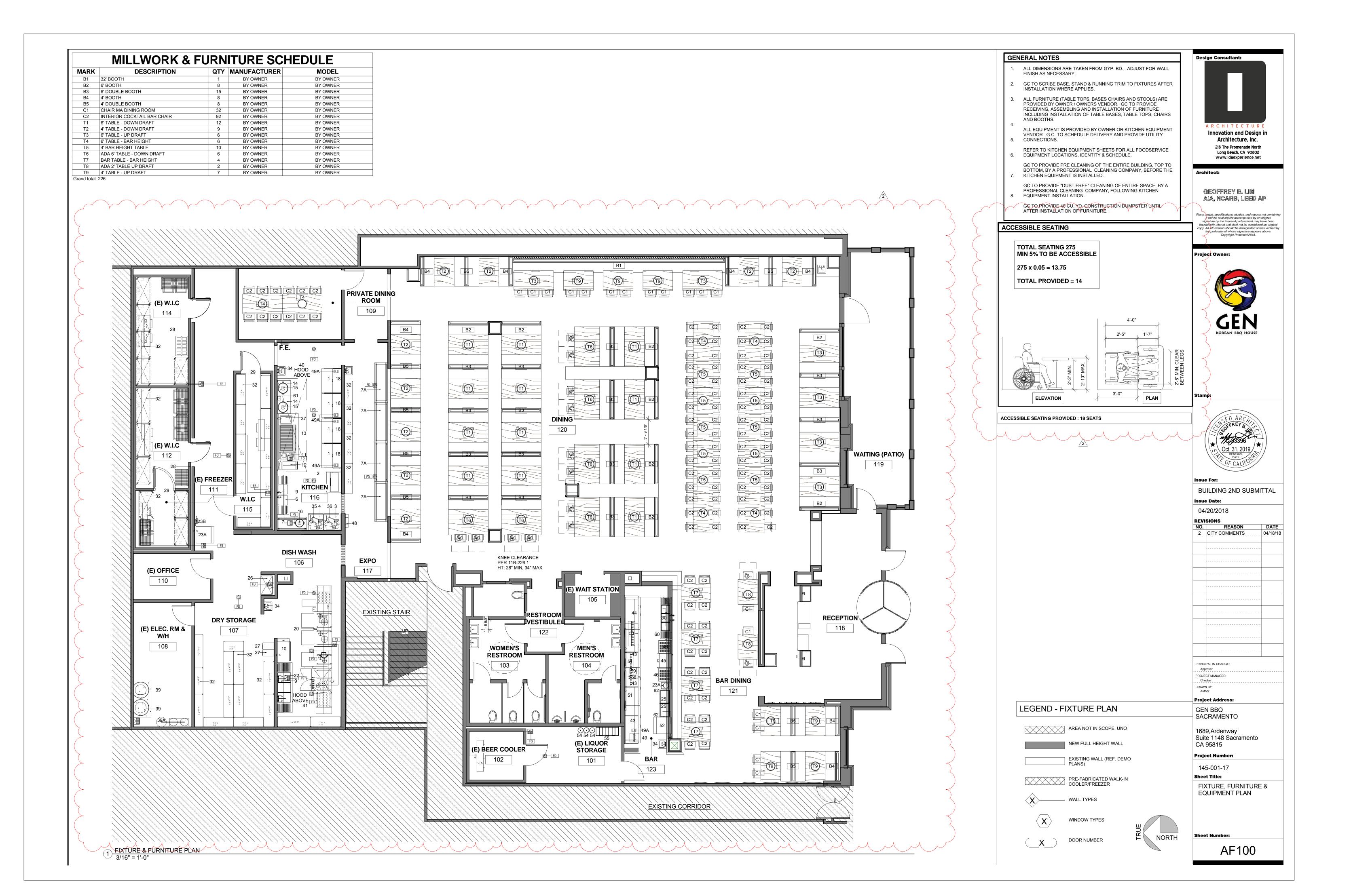
- 4 SLAT WALL







2 3D View 2



#### SECTION 01 00 00GENERAL CONDITIONS

- A. THE SCOPE OF WORK IS BASED ON THE CONSTRUCTION DOCUMENTS AND SHALL INCLUDE THE FURNISHING OF MATERIALS AND LABOR REQUIRED FOR THE COMPLETE PROJECT. COMPLY WITH THE BROWN SHOE CRITERIA DESCRIBED IN THE DRAWINGS.
- B. VISIT THE JOB SITE PRIOR TO SUBMITTING BID. CONTRACTOR SHALL WALK THROUGH THE SITE WITH AN AUTHORIZED REPRESENTATIVE OF THE SHOPPING CENTER AND REVIEW SHOPPING CENTER CONSTRUCTION REQUIREMENTS. COORDINATE WORK WITH THE SHOPPING CENTER WITH REGARD TO TEMPORARY UTILITIES, ALLOWABLE MATERIAL, TRAFFIC ROUTES, STORAGE OF TOOLS AND MATERIALS, USE OF TOILET FACILITIES, HOURS IN WHICH WORK IS ALLOWED, NOISE AND DUST CONTROL, CLEANUP AND OTHER MATTERS REQUIRING ADHERENCE TO SHOPPING CENTER REQUIREMENTS.
- C. REVIEW WITH THE LANDLORD'S REPRESENTATIVE THE MANNER IN WHICH ALL CONNECTIONS TO STRUCTURE WILL BE MADE. NEW PENETRATIONS IN THE BUILDING ENVELOPE OR STRUCTURE SHALL BE REVIEWED WITH THE LANDLORD AND APPROVED IN WRITING. IF THE LANDLORD REQUIRES THAT PORTIONS OF WORK BE PERFORMED BY ITS OWN CONTRACTOR, INCLUDE COSTS ASSOCIATED WITH THAT PORTION OF THE WORK IN BID UNLESS STATED OTHERWISE IN WRITING BY TENANT.
- D. DURING PERFORMANCE OF WORK, BE RESPONSIBLE FOR PROVISION AND MAINTENANCE OF WARNING SIGNS, LIGHT SIGNAL DEVICES, GUARD LIGHTS, BARRICADES, GUARD RAILS, FENCES AND OTHER DEVICES, APPROPRIATELY LOCATED ON AND AROUND THE JOB SITE WHICH GIVE PROPER AND UNDERSTANDABLE WARNING TO PERSONS WITH REGARD TO HAZARDOUS CONDITIONS, EQUIPMENT AND OPERATIONS BEING PERFORMED IN CONJUNCTION WITH THE WORK.
- E. EXISTING CONDITIONS AND DIMENSIONS MAY BE TAKEN FROM INFORMATION FURNISHED BY THE LANDLORD. VERIFY LEASE SPACE DIMENSIONS AND IDENTIFY DISCREPANCIES BETWEEN BUILDING ELEMENTS AND DRAWINGS BEFORE COMMENCING CONSTRUCTION. DISCREPANCIES FOUND ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF BROWN SHOE'S CONSTRUCTION MANAGER NO LATER THAN (5) WORKING DAYS PRIOR TO THE BID DATE. DISCREPANCIES IDENTIFIED DURING BIDDING WILL BE CLARIFIED BY
- F. DISCREPANCIES IDENTIFIED DURING CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF BROWN SHOE'S CONSTRUCTION MANAGER. DISCREPANCIES IDENTIFIED DURING CONSTRUCTION WILL BE CLARIFIED BY CHANGE ORDERS. CHANGE ORDER APPROVAL IS SUBJECT TO AUTHORIZATION BY BROWN SHOE'S CONSTRUCTION MANAGER.
- G. G.C. SHALL BE RESPONSIBLE FOR COSTS INCURRED FOR NONCOMPLIANCE WITH THESE CONTRACT DOCUMENTS. CONTRACTOR WILL NOT BE ALLOWED CHANGE ORDERS FOR PROBLEMS ARISING FROM NEGLECT OF PROVISIONS INCLUDED IN THESE CONDITIONS.
- H. ACCOMPLISH THE WORK IN COMPLIANCE WITH THE RESTRICTIONS AND REQUIREMENTS OF THE LANDLORD. WORK SHALL CONFORM WITH THE AMERICANS WITH DISABILITIES ACT AND APPLICABLE LOCAL AND STATE HANDICAPPED DISABILITY DESIGN REQUIREMENTS. VERIFY THAT THE WORK COMPLIES WITH ALL APPLICABLE LOCAL AND STATE FIRE, SAFETY, HEALTH, ENERGY AND BUILDING CODE REQUIREMENTS.
- I. REMOVE CONSTRUCTION RUBBISH, SCAFFOLDING, EQUIPMENT, TEMPORARY PROTECTION, TEMPORARY FIELD STRUCTURES, AND OTHER MATERIALS OR EQUIPMENT THAT WAS REQUIRED IN CONNECTION WITH THE CONSTRUCTION, BUT NOT A PERMANENT PART THEREOF.
- J. SCAFFOLDING SHALL BE BUILT IN ACCORDANCE WITH REQUIREMENTS OF FEDERAL, STATE, AND LOCAL LAWS. TEMPORARY SHORING REQUIRED FOR THE REMOVAL OF EXISTING WORK FOR THE INSTALLATION OF NEW WORK SHALL BE INCLUDED IN THE CONTRACT. BE RESPONSIBLE FOR THIS WORK, CORRECT AND REPAIR DAMAGES CAUSED BY IMPROPER SUPPORT OR FAILURE OF SHORING.
- K. MAINTAIN ORDERLY HOUSEKEEPING DURING CONSTRUCTION, AND UPON SUBSTANTIAL COMPLETION PERFORM FINAL CLEANUP. FINAL CLEANUP SHALL INCLUDE THE FOLLOWING: SWEEP, DAMP MOP, AND WAX RESILIENT FLOORING. DUST, DIRT, PAINT DRIPPINGS, OIL, GREASE, AND OTHER BLEMISHES SHALL BE REMOVED FROM FINISHED SURFACES, INCLUDING PIPES AND EQUIPMENT. WINDOWS, GLASS UNITS, GLASS DOORS AND MIRRORS SHALL BE WASHED. PAINT OVERRUNS AND PUTTY SMEARS SHALL BE REMOVED, AND HARDWARE SHALL BE RUBBED CLEAN WITH FLANNEL CLOTH.
- L. BE RESPONSIBLE FOR JOB SITE SAFETY AND WARRANT THAT THIS INTENT SHALL BE MADE EVIDENT IN BROWN SHOE'S AGREEMENT WITH
- M. BE RESPONSIBLE TO THE SHOPPING CENTER FOR DAMAGES THAT OCCUR TO THE LANDLORD'S FACILITIES BEFORE, DURING, OR AFTER CONSTRUCTION PROCEDURES CAUSED BY CONTRACTOR, CONTRACTOR'S EMPLOYEES. OR SUBCONTRACTORS.
- N. MANUFACTURER'S OF SPECIFIED ITEMS ARE NOTED FOR QUALITY AND DESIGN. SUBSTITUTE PRODUCTS ARE SUBJECT TO APPROVAL BY BROWN SHOE'S CONSTRUCTION MANAGER. THE CONTRACTOR IS ENCOURAGED TO SUBMIT ALTERNATE PRODUCTS FOR CONSIDERATION IN AN EFFORT TO REDUCE THE CONSTRUCTION COST OR TIME. REASONABLE REQUESTS WILL BE REVIEWED FOR COMPLIANCE WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.
- O. PRODUCTS AND MATERIALS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. PROVIDE A COPY OF THE MANUFACTURER'S INSTALLATION RECOMMENDATIONS UPON REQUEST OF BROWN SHOE'S CONSTRUCTION MANAGER.
- P. BROWN SHOE AND THE LANDLORD WILL PROVIDE INSURANCE REQUIREMENTS PRIOR TO THE BIDDING. EVIDENCE OF INSURANCE SHALL BE PROVIDED TO BROWN SHOE'S CONSTRUCTION MANAGER AT THE TIME OF BID SUBMITTAL.
- Q. APPLICABLE STANDARDS OF CONSTRUCTION INDUSTRY HAVE THE SAME FORCE AND EFFECT ON PERFORMANCE OF THE WORK AS IF COPIED DIRECTLY INTO CONTRACT DOCUMENTS OR BOUND AND PUBLISHED THEREWITH. COMPLY WITH STANDARDS IN EFFECT ON THE DATE OF ISSUE OF THE CONTRACT DOCUMENTS, UNLESS OTHERWISE INDICATED.
- R. UPON COMPLETION OF THE WORK, COMPILE FOR AND DELIVER TO BROWN SHOE'S CONSTRUCTION MANAGER A COMPLETE SET OF RECORD DOCUMENTS. THIS SET OF DOCUMENTS SHALL CONSIST OF RECORD SPECIFICATIONS AND RECORD DRAWINGS SHOWING THE REPORTED LOCATION OF THE WORK.
- S. WARRANT MATERIALS AND WORKMANSHIP FOR A PERIOD OF (1) YEAR FROM DATE OF ACCEPTANCE BY BROWN SHOE 'S CONSTRUCTION MANAGER.
- T. BROWN SHOE'S CONSTRUCTION MANAGER SHALL REVIEW SHOP DRAWING SUBMISSIONS SOLELY FOR THEIR CONFORMANCE WITH THE DESIGN INTENT AND CONFORMANCE WITH INFORMATION GIVEN IN THE CONSTRUCTION DOCUMENTS. BROWN SHOE SHALL NOT BE RESPONSIBLE FOR ASPECTS OF A SHOP DRAWING SUBMISSION THAT AFFECT OR ARE AFFECTED BY THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF THE CONSTRUCTION, SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. CONTRACTOR SHALL REVIEW SHOP DRAWINGS WITH RESPECT TO THESE CONDITIONS BEFORE SUBMITTING THEM TO BROWN SHOE.
- U. WHEN MODIFICATIONS TO EXISTING STRUCTURAL STEEL COMPONENTS OR THE ADDITION OF NEW STRUCTURAL STEEL ARE REQUIRED, AND NOT INDICATED IN THESE CONSTRUCTION DOCUMENTS IT SHALL BE THE RESPONSIBILITY OF THE G.C. TO SECURE THE SERVICES OF A STRUCTURAL ENGINEER TO OBTAIN THE NECESSARY APPROVALS.

- V. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH THE PROJECT SCHEDULE AND DEADLINES, AND FOR ADVISING BROWN SHOE'S CONSTRUCTION MANAGER OF ALL LONG LEAD ITEMS, THEIR ANTICIPATED DELIVERY DATES, AND ANY POTENTIAL IMPACT TO THE PROJECT SCHEDULE.
- W. THE CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF LANDLORD AND BUILDING DEPARTMENT APPROVED DRAWINGS (AS APPLICABLE) ON SITE THROUGHOUT CONSTRUCTION DURATION FOR USE BY ALL TRADES. TENANT ARCHITECT TO ENSURE THAT ALL LANDLORD COMMENTS NOT INCLUDED IN THE BID PACKAGE SENT PRIOR TO LANDLORD APPROVAL ARE COMMUNICATED TO ALL SUBCONTRACTORS. ALL LANDLORD NOTES AND COMMENTS MUST APPEAR ON THE FINAL WORKING DRAWINGS IN THE FIELD. TENANT CONTRACTOR MUST MAINTAIN A LANDLORD APPROVED SET ON-SITE AT ALL TIMES.
- X. DRAWINGS SHALL NOT BE SCALED. DIMENSIONS SHALL GOVERN IN ALL CASES. DIMENSIONS AT ENLARGED DETAILS TAKE PRECEDENCE OVER OTHER DIMENSIONS.
- NOTWITHSTANDING THE FOREGOING, TENANT'S REVIEW OF PLANS AND SPECIFICATIONS, AND TENANT'S ACCEPTANCE OF THE PREMISES, SHALL IN NO EVENT CREATE AN EXPRESSED OR IMPLIED CONFIRMATION THAT PLANS AND SPECIFICATIONS, NOR BUILD-OUT OF THE PREMISES IS IN ACCORDANCE WITH THE REQUIREMENTS OF APPLICABLE LAWS, CODES, ORDINANCES, AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THE MOST CURRENT VERSION OF TITLE III OF THE AMERICANS WITH DISABILITIES ACT.

#### SUMMARY OF

- A. THE WORK OF THIS PROJECT INCLUDES CONSTRUCTION WORK SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN. BUT NOT NECESSARILY LIMITED TO GENERAL CONSTRUCTION, MECHANICAL, ELECTRICAL, AND FIRE PROTECTION WORK.
- B. EXECUTE THE WORK DESCRIBED IN THESE SPECIFICATIONS AND SHOWN ON THE DRAWINGS, AND OTHER WORK NECESSARY TO COMPLETE THE PROJECT, IN A THOROUGHLY SUBSTANTIAL AND WORKMANLIKE MANNER, BY PERSONS THOROUGHLY EXPERIENCED IN THEIR PARTICULAR TRADE OR CRAFT.
- C. FIELD VERIFY DIMENSIONS OF EXISTING CONDITIONS, IF ANY, THAT AFFECTS THE WORK. TAKE RESPONSIBILITY FOR THE CORRECTNESS OF MEASUREMENTS AND VERIFY GRADES, LINES, LEVELS, ELEVATIONS AND DIMENSIONS SHOWN PRIOR TO COMMENCING WORK.
- D. CONSULT DRAWINGS AND PLAN WORK SO THAT THE EXCAVATED MATERIAL, DEMOLISHED MATERIAL, NEW BUILDING MATERIALS, ETC. ARE NOT PLACED WHERE THEY WILL INTERFERE WITH THE WORK OF OTHERS, OR WITH EXISTING TENANTS.
- E. SHOULD IT APPEAR THAT THE WORK INTENDED TO BE DESCRIBED OR RELATED WORK ARE NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THE DRAWINGS, OR IN THE SPECIFICATIONS, CONSULT THE ARCHITECT FOR NECESSARY CLARIFICATIONS, AND CONFORM TO THOSE CLARIFICATIONS INSOFAR AS THEY ARE CONSISTENT WITH THE ORIGINAL DRAWINGS AND SPECIFICATIONS. IN NO CASE SHALL WORK PROCEED IN UNCERTAINTY.
- F. THOSE PERFORMING WORK AS A SUBCONTRACTOR MUST EXAMINE SUBSTRATES AND CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND NOTIFY THE CONTRACTOR IN WRITING, OF CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK. COMMENCEMENT OF WORK BY A TRADE ON A SURFACE OR CONSTRUCTION SHALL IMPLY ACCEPTANCE OF SUCH SURFACE OR CONSTRUCTION. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- G. ITEMS INDICATED AS "N.I.C." (NOT IN CONTRACT), OR "EXISTING"
  SHALL NOT BE INCLUDED IN THE CONTRACT, HOWEVER, CONTRACTOR
  WILL BE RESPONSIBLE FOR VERIFYING CONDITION OF SUCH ITEMS AND
  COORDINATING WORK THAT AFFECTS OR IS AFFECTED BY THESE ITEMS.
- H. TENANT FURNISHED-CONTRACTOR INSTALLED PRODUCTS (MATERIALS, PRODUCTS OR EQUIPMENT)
- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING, STORING, HANDLING, AND INSTALLING ITEMS PROVIDED BY BROWN SHOE. CONTRACTOR SHALL INSPECT SHIPMENTS UPON DELIVERY FOR DAMAGE AND SHALL VERIFY THAT QUANTITIES ARE ACCURATE AND IN COMPLIANCE WITH BILL OF LADING. CONTRACTOR SHALL BE RESPONSIBLE FOR FILING SHIPPING DAMAGE CLAIMS AGAINST THE CARRIER IN CASE OF RECEIPT OF DAMAGED ITEMS. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF DAMAGED ITEMS UPON ACCEPTANCE OF DELIVERY AT PROJECT SITE. CONTRACTOR SHALL PROTECT THE ITEMS FROM DAMAGE THROUGHOUT THE CONSTRUCTION PERIOD UNTIL TURN OVER OF SPACE TO BROWN SHOE.
- 2. TENANT WILL FURNISH THE PRODUCTS AS DELINEATED IN THE SCHEDULE OF RESPONSIBILITIES ON SHEET A-1. THESE PRODUCTS WILL BE DELIVERED TO THE SITE WHERE THE CONTRACTOR SHALL RECEIVE, UNLOAD, STRIP AND INSTALL THEM.
- I. TENANT PROVIDED PRODUCTS (MATERIALS, PRODUCTS OR EQUIPMENT)
  - 1. TENANT WILL PROVIDE, FURNISH AND INSTALL CERTAIN ITEMS AS DELINEATED IN THE SCHEDULE OF RESPONSIBILITIES ON SHEET A-1. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH WORK BEING PERFORMED BY BROWN SHOE'S VENDORS, INSTALLERS, AND SUBCONTRACTORS.
- J. ALL WORK IS TO BE PERFORMED TO INDUSTRY STANDARDS BY QUALIFIED, COMPETENT TRADESPERSONS. IT IS ASSUMED THAT WORKERS WILL BE FAMILIAR WITH LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS AND SHALL ADHERE TO SUCH CODES AND REGULATIONS. IN MUNCIPALITIES REQUIREING LICENSING IT IS ASSUMED THAT EACH TRADE SHALL HAVE A PROPERLY LICENSED PERSON PERFORMING THE WORK.
- K. FIRE PROTECTION SYSTEM DESIGN AND MODIFICATIONS ARE TO BE BY THE FIRE PROTECTION CONTRACTOR, INCLUDING PREPARATION AND SUBMISSION OF DESIGN DRAWINGS, SECURING OF ALL NECESSARY PERMITS, AND THE RESPONSIBILITY FOR OBTAINING SYSTEM APPROVAL.

  CUTTING AND

#### PATCHING

- A. REQUIREMENTS FOR STRUCTURAL WORK. DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN A MANNER THAT WOULD CHANGE THEIR LOAD-CARRYING CAPACITY OR LOAD-DEFLECTION RATIO.
- B. VISUAL REQUIREMENTS: DO NOT CUT AND PATCH CONSTRUCTION EXPOSED ON THE EXTERIOR OR IN OCCUPIED SPACES IN A MANNER THAT WOULD, IN THE ARCHITECT'S OPINION, REDUCE THE BUILDING'S AESTHETIC QUALITIES. DO NOT CUT AND PATCH CONSTRUCTION IN A MANNER THAT WOULD RESULT IN VISUAL EVIDENCE OF CUTTING AND PATCHING. REMOVE CONSTRUCTION CUT AND PATCH IN A VISUALLY SATISFACTORY MANNER, AND REPLACE WITH A CONSTRUCTION VISUALLY ACCEPTABLE TO THE ARCHITECT.
- USE MATERIALS IDENTICAL TO EXISTING MATERIALS. FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES INSOFAR AS POSSIBLE. IF IDENTICAL MATERIALS ARE UNAVAILABLE OR CANNOT BE USED, USE MATERIALS WHOSE INSTALLED PERFORMANCE WILL EQUAL OR SURPASS THAT OF EXISTING MATERIALS.
- D. PROTECT EXISTING CONSTRUCTION DURING CUTTING AND PATCHING TO PREVENT DAMAGE. PROVIDE PROTECTION FROM ADVERSE WEATHER CONDITIONS FOR PORTIONS OF THE PROJECT THAT MIGHT BE EXPOSED DURING CUTTING AND PATCHING OPERATIONS.
- AVOID CUTTING EXISTING PIPE, CONDUIT, OR DUCTWORK SERVING THE BUILDING BUT SCHEDULED TO BE REMOVED OR RELOCATED UNTIL PROVISIONS HAVE BEEN MADE TO BYPASS THEM.

#### SECTION 02 00 00 - EXISTING

- A. CONTRACTOR IS TO VISIT THE SITE TO INSPECT THE EXISTING CONDITIONS AND TO VERIFY THE AMOUNT OF WORK THAT WILL BE NECESSARY FOR THE PROJECT TO BE COMPLETED AS SHOWN ON THE ARCHITECTURAL AND ENGINEERING DRAWINGS.
- B. NOTIFY BROWN SHOE'S CONSTRUCTION MANAGER AND THE ARCHITECT IMMEDIATELY UPON ENCOUNTERING UNEXPECTED CONCEALED CONDITIONS AND, EXCEPT IN AN EMERGENCY, BEFORE THE ENCOUNTERED CONDITIONS ARE DISTURBED.
- C. CONTRACTOR TO VERIFY CONDITION OF EXISTING COMPONENTS WHEN THEY ARE TO BE REUSED. THEY SHALL BE OPERATIONAL AND FREE OF AESTHETIC FLAWS AND SUITABLE FOR THEIR INTENDED USE. REFER ANY QUESTIONS TO BROWN SHOE'S CONSTRUCTION MANAGER. IF THERE IS DOUBT CONCERNING THE ACCEPTABILITY OF ANY COMPONENT, PROVIDE A COST FOR REPLACING THE QUESTIONABLE COMPONENTS.
- D. CONTRACTOR IS TO VERIFY ELEVATION AND CONDITION OF EXISTING FLOOR SUBSTRATE AND REPORT TO BROWN SHOE'S CONSTRUCTION MANAGER IN WRITING IF: THERE IS A VARIATION OF 1/2" OR MORE OVER THE ENTIRE PROJECT, THE SLAB IS 1/8" PER 10 FEET OR GREATER IN ANY AREA OF THE PROJECT, OR IF ROUGH OR UNSTABLE SUBSTRATE SURFACES ARE ENCOUNTERED.

#### SECTION 02 41 00 - SELECTIVE

- A. PERFORM THE DEMOLITION WORK IN ACCORDANCE WITH ANSI/NEPA 241, SAFEGUARDING BUILDING CONSTRUCTION AND DEMOLITION OPERATIONS
- B. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION, USING WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO CONTROL DUST AND DIRT IN THE AIR.
- C. PROMPTLY REMOVE DEBRIS FROM PREMISES. DO NOT BURN DEBRIS ON THE SITE. PROVIDE DUST-TIGHT PARTITION AREAS WHERE DEMOLITION WORK IS BEING PERFORMED. WITHIN AREAS THAT ARE FINISHED OR IN USE PROVIDE NOT LESS THAN 4" NOMINAL METAL OR WOOD STUD PARTITIONS WITH 1/2" PLYWOOD SHEATHING ONE SIDE (FINISHED ON OCCUPIED SIDE). JOINTS OF SHEATHING SHALL BE SEALED AND AIR TIGHT. PERIMETER JOINTS OF PARTITIONS SHALL BE SEALED AND DOORS WEATHERSTRIPPED. DO NOT FASTEN OR OTHERWISE SECURE PARTITIONS TO EXISTING FINISHED FLOOR, WALLS OR CEILINGS UNLESS OTHERWISE APPROVED BY THE ARCHITECT.
- D. AFTER FLOOR COVERINGS ARE REMOVED, THOROUGHLY REMOVE ADHESIVES SUCH THAT WHEN COMPLETED, FLOORS ARE READY TO RECEIVE NEW FLOOR COVERINGS.

  SECTION 03 00 00 -
- A. THE CONCRETE WORK SHALL CONFORM WITH ALL ACI STANDARDS EXCEPT WHEN IN CONFLICT WITH THE BUILDING CODE IN FORCE. IN SUCH AN EVENT THE BUILDING CODE SHALL GOVERN. USE THE LATEST
- VERSION AVAILABLE FOR EACH OF THE REFERENCED STANDARDS.

CEMENT. AGGREGATES: ASTM C33.

- PORTLAND CEMENT: ASTM C150, TYPE 1 NORMAL PORTLAND
- 2. WATER: CLEAN, FREE FROM SUBSTANCES THAT WOULD COMPROMISE THE INTEGRITY OF THE CONCRETE MIXTURE.
- 3. ADMIXTURES: CONCRETE ADMIXTURES SHALL COMPLY WITH ASTM C494 (WATER REDUCING) OR ASTM C260 (AIR ENTRAINING), PRODUCED BY RECOGNIZED MANUFACTURERS, SUBJECT TO ARCHITECT'S APPROVAL.
- C. OTHER MATERIALS

B. CONCRETE MATERIALS

- WELDED WIRE FABRIC: ASTM A185, FLAT SHEETS.
- 2. BONDING AGENT: (EPOXY TYPE), 100 PERCENT SOLIDS, "EPOBOND" (L & M CONSTRUCTION CHEMICALS CO.).
- 3. MOISTURE-RETAINING COVER: ONE OF THE FOLLOWING, COMPLYING WITH ASTM C171.
- a. WATERPROOF PAPER.
- b. POLYETHYLENE FILM.c. POLYETHYLENE-COATED BURLAP.
- 4. LIQUID MEMBRANE CURING AND SEALING COMPOUND: ASTM C309-07, TYPE 1, CLASS B, WATER-BASED ACRYLIC COMPOUND, "DRESS AND SEAL WB" (L & M CONSTRUCTION CHEMICALS CO.).
- D. MIXING
- READY MIXED CONCRETE SHALL CONFORM WITH ASTM C94-96.
- SLUMP SHALL BE 2-1/2" BUT NOT MORE THAN 3-1/2" IN FIELD DETERMINED IN ACCORDANCE WITH ASTM C143-90A.
- E. PLACING, FINISHING, CURING, AND SEALING
  - I. AFTER DEMOLITION AND TRENCHING HAS BEEN PERFORMED, AND SUB GRADE AND MOISTURE BARRIER REESTABLISHED, APPLY BONDING AGENT TO EXISTING CONCRETE SURFACES, INSTALL WIRE MESH IF APPLICABLE, THEN PLACE CONCRETE IMMEDIATELY AFTER MIXING. PROPERLY SPADE AND PUDDLE BY USE OF RODS, SHOVELS AND HAND SPADES, AND AGITATE BY MEANS OF INTERNAL AND/OR EXTERNAL VIBRATORS TO OBTAIN DENSEST POSSIBLE CONCRETE WITHOUT OVER-VIBRATING TO THE POINT WHERE SEGREGATION RESULTS. DEPOSIT CONCRETE CONTINUOUSLY UNTIL COMPLETION OF EACH SECTION OR UNIT.
- 2. FINISH CONCRETE SLABS TO PROPER ELEVATIONS TO ENSURE THAT SURFACE MOISTURE WILL DRAIN FREELY TO FLOOR DRAINS, IF ANY, AND THAT NO PUDDLE AREAS EXIST. NEW SURFACES SHALL ALIGN WITH ADJACENT EXISTING SURFACES UNLESS OTHERWISE SHOWN.
- 3. PROTECT CONCRETE WORK FROM DRYING OUT BY COVERING
  WITH WATERPROOF PAPER, POLYETHYLENE-COATED BURLAP
  POLYETHYLENE FILM, OR LIQUID MEMBRANE CURING COMPOUND.
  PERFORM SLAB CURING AS SOON AS POSSIBLE AFTER FINAL
  FINISHING OPERATIONS. MAINTAIN CURING FOR 7 DAYS MINIMUM.

  SECTION 04 20 00 UNIT MASONRY

#### ASSEMBLIES

- WHERE MASONRY CONSTRUCTION IS INDICATED ON DRAWINGS OR WHERE REQUIRED BY CODE TO HAVE FIRE-RESISTANT CONSTRUCTION, PROVIDE MASONRY MATERIAL AND INSTALLATION METHODS NECESSARY TO OBTAIN THE REQUIRED FIRE RATING.
- 3. WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 40°F, OR EXPECTED TO FALL BELOW 40°F, COMPLY WITH THE RECOMMENDED PRACTICE FOR COLD WEATHER MASONRY CONSTRUCTION SET FORTH BY THE INTERNATIONAL MASONRY INDUSTRY ALL-WEATHER COUNCIL AND BIA TECHNICAL NOTES 1. LATEST REVISION.
- PROTECT MASONRY CONSTRUCTION FROM DIRECT EXPOSURE TO WIND AND SUN WHEN ERECTED IN AN AMBIENT AIR TEMPERATURE OF 99°F IN THE SHADE WITH A RELATIVE HUMIDITY OF LESS THAN 50 PERCENT.

#### D. MATERIALS

- MASONRY INFILL SHALL MATCH EXISTING MASONRY ASSEMBLY.
- CONCRETE BLOCK, BRICK, AND MORTAR SHALL COMPLY WITH ALL ASTM STANDARDS FOR THE APPLICATIONBEING INSTALLED
- 3. TIES, ANCHORS, AND REINFORCING: GALVANIZED FOR EXTERIOR WALLS

- a. SPACE LADDER OR TRUSS TYPE JOINT REINFORCING AT 16" O.C.
- b. SPACE MASONRY VENEER TIES TO SUPPORT NOT MORE THAN 2 S.F. OF WALL AREA.
- E. CLEAN MASONRY ASSEMBLY AFTER MORTAR IS THOROUGHLY SET AND CURED, IN ACCORDANCE WITH MASONRY UNIT MANUFACTURER'S

## RECOMMENDATIONS. SECTION 05 40 00 - COLD FORMED METAL FRAMING

- A. COMPONENT DESIGN: COMPUTE STRUCTURAL PROPERTIES OF STUDS IN ACCORDANCE WITH AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
- B. DESIGN CRITERIA
- WIND LOADS IN ACCORDANCE WITH THE GOVERNING STATE OR LOCAL BUILDING CODE.
- DEFLECTION
   a. LESS THAN L/720 FOR MASONRY EXTERIOR VENEER.

b. LESS THAN L/360 FOR EXTERIOR INSULATION AND FINISH SYSTEM

- PROVIDE MANUFACTURER'S STANDARD STEEL RUNNERS (TRACKS), BLOCKING, LINTELS, CLIP ANGELS, SHOES, REINFORCEMENTS, FASTENERS, AND ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR APPLICATIONS INDICATED, AND AS NEEDED TO PROVIDE A COMPLETE METAL FRAMING SYSTEM.
- D. INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND RECOMMENDATIONS.

| INTERIOR STUD FRAMING LIMITING HEIGHTS |               |                 |                     |                       |                      |  |  |  |  |
|--|---------------|-----------------|---------------------|-----------------------|----------------------|--|--|--|--|
| STUD<br>DESIGN                         | STUD<br>WIDTH | STUD<br>SPACING | ALLOW<br>DEFLECTION | PATITION<br>ONE LAYER | FURRING<br>ONE LAYER |  |  |  |  |
| 20 GAUGE (.03                          | 12 MIN.)      |                 |                     |                       |                      |  |  |  |  |
| 212ST20                                | 2 1/2"        | 16"             | L/360               | 12'-0"                | 11'-6"               |  |  |  |  |
| 358ST20                                | 3 5/8"        | 16"             | L/360               | 15'-7"                | 15'-0"               |  |  |  |  |
| 400ST20                                | 4"            | 16"             | L/360               | 16'-10"               | 16'-3"               |  |  |  |  |
| 600ST20                                | 6"            | 16"             | L/360               | 22'-10"               | 23'-3"               |  |  |  |  |

THIS DESIGN IS BASED UPON UNIMAST CORPORATION PRODUCTS AND SPECIFICATIONS. VERIFY THAT "OR-EQUAL" MANUFACTURER'S PRODUCTS AND

AND
SPECIFICATIONS ARE EQUAL TO OR EXCEED THOSE LISTED HERE. LIMITING
HEIGHT INDICATED IS FOR 5/8" THICK GYPSUM BOARD PANELS AND 5 PSF
UNIFORM LOAD PERPENDICULAR TO PARTITION OR FURRING. USE
ONE-J AYER

HEIGHTS FOR UNBALANCED ASSEMBLIES AND FOR FURRING WITH STUD ATTACHED TO TOP AND BOTTOM RUNNERS AND FREE STANDING UP TO 12 FT. HEIGHT. STUDS EXCEEDING 12 FT. HEIGHT REQUIRE INTERMEDIATE BRACING TO BUILDING STRUCTURE. CHASE WALL PARTITIONS REQUIRE HORIZONTAL CROSS BRACES AT 4 FT. O.C. MAX. CONSULT LOCAL CODE AUTHORITY FOR LIMITING CRITERIA.

#### SECTION 06 10 00 - ROUGH CARPENTRY

- A. LUMBER STANDARDS: COMPLY WITH DOC PS20-94, AMERICAN SOFTWOOD LUMBER STANDARD, AND WITH APPLICABLE GRADING RULES OF INSPECTION AGENCIES CERTIFIED BY ALSC'S BOARD OF REVIEW.
- B. MATERIALS
  - 1. LUMBER
  - a. GRADE: NO. 1 DOUGLAS FIR NO. 2 YELLOW PINE. MOISTURE CONTENT: 19 PERCENT MAXIMUM DOOR LUMBER 2" OR LESS
  - NOMINAL THICKNESS.
    b. SURFACING: SURFACE 4 SIDES (S4S).
- 2. PLYWOOD: SOFTWOOD PLYWOOD: DOC PS 1-83.
- a. EXTERIOR GRADE PLYWOOD WHERE USED AS A BACKING MATERIAL IN EXTERIOR CONSTRUCTION: CDX.
   b. INTERIOR GRADE PLYWOOD WHERE APPEARANCE IS NOT A
- FACTOR OR WHERE CONCEALED AS A BACKING MATERIAL, EXCEPT IN MOISTURE AREAS: C-D INT-APA.

  C. IN INTERIOR AREAS WHERE MOISTURE IS PRESENT: CDX.
- 3. FIRE-RETARDANT TREATED WOOD
- a. LUMBER: AWPA C20093
- b. PLYWOOD: AWPA C27-934. PRESERVATIVE TREATED WOOD
- a. LUMBER: AWPA C2-93b. PLYWOOD: AWPA C9-93
- C. INSTALLATION
- FRAME WOOD MEMBERS TO A CLOSE FIT, SET ACCURATELY TO REQUIRED LINES AND LEVELS AND SECURE RIGIDLY IN PLACE, CUT AND FIT FRAMING, BLOCKING, AND SIMILAR ITEMS TO ACCOMMODATE OTHER WORK.
- 2. PRESSURE-TREATED WOOD PRODUCTS
- a. PROVIDE PRESSURE TREATED WOOD FOR ALL FRAMING,
  BLOCKING, FURRING, NAILING STRIPS, BUILT INTO EXTERIOR
  MASONRY WALLS, WOOD IN CONTACT WITH CONCRETE AND IN
  CONJUNCTION WITH ROOFING.
- b. PROVIDE FIRE-RETARDANT TREATED WOOD FOR CONCEALED BLOCKING AND FOR EXPOSED LUMBER AND PLYWOOD IN HABITABLE SPACE.

## SECTION 07 24 00 - EXTERIOR INSULATION AND FINISH SYSTEM

- A. INSTALLER: ENGAGE AN EXPERIENCED INSTALLER WHO HAS COMPLETED SYSTEMS SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THOSE INDICATED FOR THIS PROJECT, WITH A RECORD OF SUCCESSFUL INSERVICE PERFORMANCE, AND WHO IS APPROVED BY THE MANUFACTURER OF THE SYSTEM.
- B. APPLICATION OF THE SYSTEM SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR ALL COMPONENTS ASSOCIATED WITH THE PRODUCT(S) SPECIFIED IN THE DRAWINGS.

  SECTION 07 92 00 JOINT SEALANTS
- MATERIALS
   PROVIDE AND INSTALL SEALANT AS RECOMMENDED BY

CONDITIONS ENCOUNTERED.

#### B. INSTALLATION

1. INSTALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTION, AND TO COMPLY WITH THE RECOMMENDATIONS OF ASTM C1193-91, LATEST EDITION, FOR USE OF JOINT SEALANTS AS APPLICABLE TO MATERIALS, APPLICATIONS, AND CONDITIONS INDICATED.

MANUFACTURER FOR USE WITH MATERIAL AND EXPOSURE

- 2. LOCATIONS
- a. USE POLYURETHANE SEALANT AT THE PERIMETER OF WINDOW FRAMES, DOOR FRAMES AND THRESHOLDS, MISCELLANEOUS FRAMES, CONDITIONS WHERE SEALANT IS IN CONTACT WITH THE EXTERIOR INSULATION AND FINISH SYSTEMS, FOR WALL CONSTRUCTION, SILL PLATES, CONTROL AND EXPANSION JOINTS.

- b. USE SILICONE SEALANT MOLD AND MILDEW RESISTANT TYPE FOR USE AROUND PLUMBING FIXTURES AND AT JOINTS BETWEEN BACKSPLASHES AND WALLS.
- c. USE ACRYLIC LATEX CAULK FOR INTERIOR APPLICATIONS ONLY,
- EXCEPT FOR THE FOLLOWING APPLICATIONS:

  1. WHERE JOINT MOVEMENT IS EXPECTED IN EXCESS OF THE
- WHERE A SEALANT IS OTHERWISE SHOWN OR SPECIFIED ABOVE FOR USE.

## SECTION 08 11 00 - STEEL DOORS AND FRAMES

MATERIALS SPECIFIED CAPABILITIES.

DOOR AND FRAME PREPARATION, PHYSICAL ENDURANCE CRITERIA, AND SPECIFICATIONS.

B. FABRICATION

 UNLESS OTHERWISE SHOWN, FABRICATE INTERIOR FRAMES OF 16 GAUGE STEEL AND EXTERIOR FRAMES OF 14 GAUGE GALVANIZED STEEL. FULLY WELD FRAMES WITH CORNERS MITERED AND GROUND SMOOTH, UNLESS KNOCKDOWN FRAMES ARE SPECIFIED.

A. COMPLY WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) FOR

- FABRICATE FLUSH HOLLOW METAL DOORS WITH FACE SHEETS EACH FORMED OF 18 GAUGE STEEL FOR INTERIOR DOORS AND 16 GAUGE GALVANIZED STEEL FOR EXTERIOR DOORS.
- a. INSULATE EXTERIOR NONFIRE-RATED HOLLOW METAL DOORS WITH POLYSTYRENE OR POLYURETHANE AT DOOR MANUFACTURER'S OPTION, INSERTED BETWEEN VERTICAL REINFORCING.
- 3. FABRICATE FIRE-RATED DOORS AND FRAMES IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA STANDARD NO.8 AND UL STANDARD FOR SAFETY NO. 63 FOR THE CLASS OF DOOR OPENING SCHEDULFD.
- a. DOORS AND FRAMES SHALL BEAR THE APPROPRIATE UNDERWRITERS LABORATORIES LABELS, STATING REQUIRED FIRE-PROTECTION RATING AND MAXIMUM TEMPERATURE RISE RATING, IF ANY.
- C. INSTALLATION
- SET FRAMES ACCURATELY IN POSITION, PLUMBED, ALIGNED, AND BRACED SECURELY UNTIL PERMANENT ANCHORS ARE SET. FIT HOLLOW METAL DOORS ACCURATELY IN FRAMES, WITHIN
- D. EXISTING DOORS AND FRAMES: EXAMINE EXISTING DOORS AND FRAMES WHICH ARE TO REMAIN, OR ARE TO BE REMOVED AND RELOCATED, TO DETERMINE THAT DOORS SWING FREELY, ARE PROPERLY ALIGNED WITHIN FRAME, AND WILL ACCEPT NEW HARDWARE AS SPECIFIED. NOTIFY BROWN SHOE'S CONSTRUCTION MANAGER IN WRITING OF DOORS AND FRAMES THAT DO NOT MEET THESE REQUIREMENTS.

## SECTION 08 31 00 - ACCESS DOORS

A. USE SIZE 24" X 24" MINIMUM IF NO ACTUAL SIZE IS INDICATED WEATHERPROOF DOOR. HINGES SHALL BE CONCEALED, SPRING TYPE,
OPENING TO 175°. LOCKS SHALL BE FLUSHED, SCREW DRIVER
OPERATED, WITH METAL CAM. PROVIDE RATED DOOR AND HARDWARE
WHERE REQUIRED. ANY CHANGE ORDERS RESULTING FROM NOT

INSTALLING THIS DOOR WILL BE CHARGED TO THE G.C.

## SECTION 08 41 00 - INTERIOR STOREFRONT SYSTEM

- A. STOREFRONT SYSTEM
- COMPONENTS AND FINISHES AS INDICATED ON DRAWINGS.

  B. INSTALLATION
- RECOMMENDATIONS FOR INSTALLATION OF ALUMINUM FRAMING SYSTEMS.

  2. SET UNITS PLUMB, LEVEL, AND TRUE TO LINE, WITHOUT WARP

AND RACK OF FRAMING MEMBERS. ANCHOR SECURELY IN

PLACE, SEPARATING ALUMINUM AND OTHER CORRODIBLE METAL

1. GENERAL: COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND

SURFACES OF CORROSION DUE TO ELECTROLYTIC ACTION AT POINTS OF CONTACT WITH OTHER MATERIALS.

#### COMPLY WITH MANUFACTURER'S RECOMMENDATION AND SECTION 08800 FOR GLASS AND GLAZING WORK.

- SECTION 08 71 00 DOOR HARDWARE
  - COMPLY WITH:
     AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
  - REQUIREMENTS, USE LATEST EDITION OF STANDARD AVAILABLE.

    2. HARDWARE SUPPLIER SHALL BE RESPONSIBLE FOR THOROUGHLY

RELEASE ACTIVATION FORCES, ETC.

- WILL PROPERLY FUNCTION IN THE INDICATED LOCATIONS.
- a. FURNISH HARDWARE WITH SCREWS, THROUGH BOLTS AND OTHER FASTENINGS SUITABLE TO ASSURE PERMANENT ANCHORAGE. WHERE EXPOSED, FASTENINGS SHALL BE COUNTERSUNK OVAL-HEAD TYPE, (EXCEPT USE FLATHEAD FOR HINGES), AND SHALL MATCH FINISH OF HARDWARE BEING ATTACHED. PROVIDE CONCEALED FASTENINGS WHEREVER POSSIBLE. HARDWARE SHALL NOT BE ATTACHED WITH SELF-TAPPING SCREWS AND SHEET METAL SCREWS. DOOR CLOSERS, CLOSER ARMS, DOOR HOLDERS, HOLDER ARMS AND DOOR STOPS SHALL BE SECURED TO DOORS AND FRAMES WITH FASTENERS SUPPLIED BY THE MANUFACTURER. FLOOR TYPE STOPS AND HOLDERS SHALL BE FASTENED TO THE FLOOR WITH MACHINE SCREWS INTO EXPANSION SHIELDS. ALL HARDWARE SHOULD BE ADJUSTED TO MEET CODE REQUIREMENTS, INCLUDING OPENING FORCES,

DETAILING THE PROJECT TO ENSURE THAT THE ITEMS SPECIFIED

- B. INSTALLATION
  - 1. INSTALL EACH HARDWARE ITEM IN COMPLIANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTION AND RECOMMENDATIONS AT MOUNTING HEIGHTS CONFORMING TO THE RECOMMENDED MOUNTING LOCATIONS OF THE BUILDERS' HARDWARE MANUFACTURERS ASSOCIATION, AND THE AMERICAN'S WITH DISABILITIES ACT. WHEREVER CUTTING AND FIITING IS REQUIRED TO INSTALL HARDWARE ONTO AND INTO SURFACES WHICH ARE LATER TO BE PAINTED OR FINISHED IN ANOTHER WAY, INSTALL EACH ITEM COMPLETELY AND THEN REMOVE AND STORE IN A SECURE PLACE DURING THE FINISH APPLICATION. AFTER COMPLETION OF THE FINISHES, REINSTALL EACH ITEM. DO NOT INSTALL SURFACE-MOUNTED ITEMS UNTIL FINISHES HAVE BEEN COMPLETED ON THE SUBSTRATE.
  - MORTISE AND CUT TO CLOSE TOLERANCE AND CONCEAL EVIDENCE OF CUTTING IN THE FINISHED WORK.



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#### Project Owner:



Stamp:



Issue For:

BUILDING 2ND SUBMITTAL

Issue Date:

04/20/2018

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SPECIFICATION SHEET

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