

# City of San Jose - Building Division - Index Cover

Address 1371 KOOSER RD

PLAN CHECK # \_\_\_\_\_ PERMIT # (B E P M) 15-029964

Prepared By Mh Page # \_\_\_\_\_ Date 10-1-15

| Category                                     | Document Type                                       | Sub Document Type                                                                                                                                                           |
|----------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> MP Tracts           | <input type="checkbox"/> PP Plot Plans              | <input type="checkbox"/> BD Building<br><input type="checkbox"/> PB Plumbing<br><input type="checkbox"/> MM Mechanical<br><input type="checkbox"/> EE Electrical            |
|                                              | <input type="checkbox"/> TP Tract Plans             |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> TD Supporting Documents    |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> TC Structural Calculations |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> TN Energy Calculations     |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> TS Soils Report            |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> TT Trusses/Shop Drawings   |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> TM Tract Map               |                                                                                                                                                                             |
| <input checked="" type="checkbox"/> PL Plans | <input type="checkbox"/> PY Preliminary Plans       | <input type="checkbox"/> AR Addressed                                                                                                                                       |
|                                              | <input checked="" type="checkbox"/> EP Plans        |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> PM Parcel Map              |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> AM Alternate Materials     |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> SC Structural Calculations | <input checked="" type="checkbox"/> BL Building<br><input type="checkbox"/> BP Plumbing<br><input type="checkbox"/> BM Mechanical<br><input type="checkbox"/> BE Electrical |
|                                              | <input type="checkbox"/> EC Energy Calculations     |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> SD Supporting Documents    |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> SR Soils Report            |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> TR Trusses/Shop Drawing    |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> CR Copy Request            |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> AD Addressing              |                                                                                                                                                                             |
| <input type="checkbox"/> PT Permits          | <input type="checkbox"/> IN Inspection Notices      |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> PR Permits & Applications  |                                                                                                                                                                             |
|                                              | <input type="checkbox"/> CF Compliance Files        | <input type="checkbox"/> EP Expired                                                                                                                                         |
|                                              |                                                     | <input type="checkbox"/> CC Cash Receipts / Refunds                                                                                                                         |
|                                              |                                                     | <input type="checkbox"/> CO C of O                                                                                                                                          |
|                                              |                                                     | <input type="checkbox"/> CP Correspondence                                                                                                                                  |
|                                              | <input type="checkbox"/> DR Damage Reports          | <input type="checkbox"/> EX Expired / Voided                                                                                                                                |
|                                              |                                                     | <input type="checkbox"/> FI Finals                                                                                                                                          |
|                                              |                                                     | <input type="checkbox"/> IN Initial                                                                                                                                         |
|                                              |                                                     | <input type="checkbox"/> IS Initial - Supporting Doc's                                                                                                                      |
|                                              |                                                     | <input type="checkbox"/> MR Meter Releases                                                                                                                                  |
|                                              |                                                     | <input type="checkbox"/> SI Special Inspection Reports                                                                                                                      |
|                                              |                                                     | <input type="checkbox"/> CN Compliance Notices                                                                                                                              |
|                                              |                                                     | <input type="checkbox"/> RS Rescind                                                                                                                                         |
|                                              |                                                     | <input type="checkbox"/> SW Stop Work Orders                                                                                                                                |
|                                              |                                                     | <input type="checkbox"/> ED Earthquake Damage                                                                                                                               |
|                                              |                                                     | <input type="checkbox"/> FD Flood Damage                                                                                                                                    |
|                                              |                                                     | <input type="checkbox"/> FA Fire/Auto Survey                                                                                                                                |
|                                              |                                                     | <input type="checkbox"/> IV Investigation Survey                                                                                                                            |



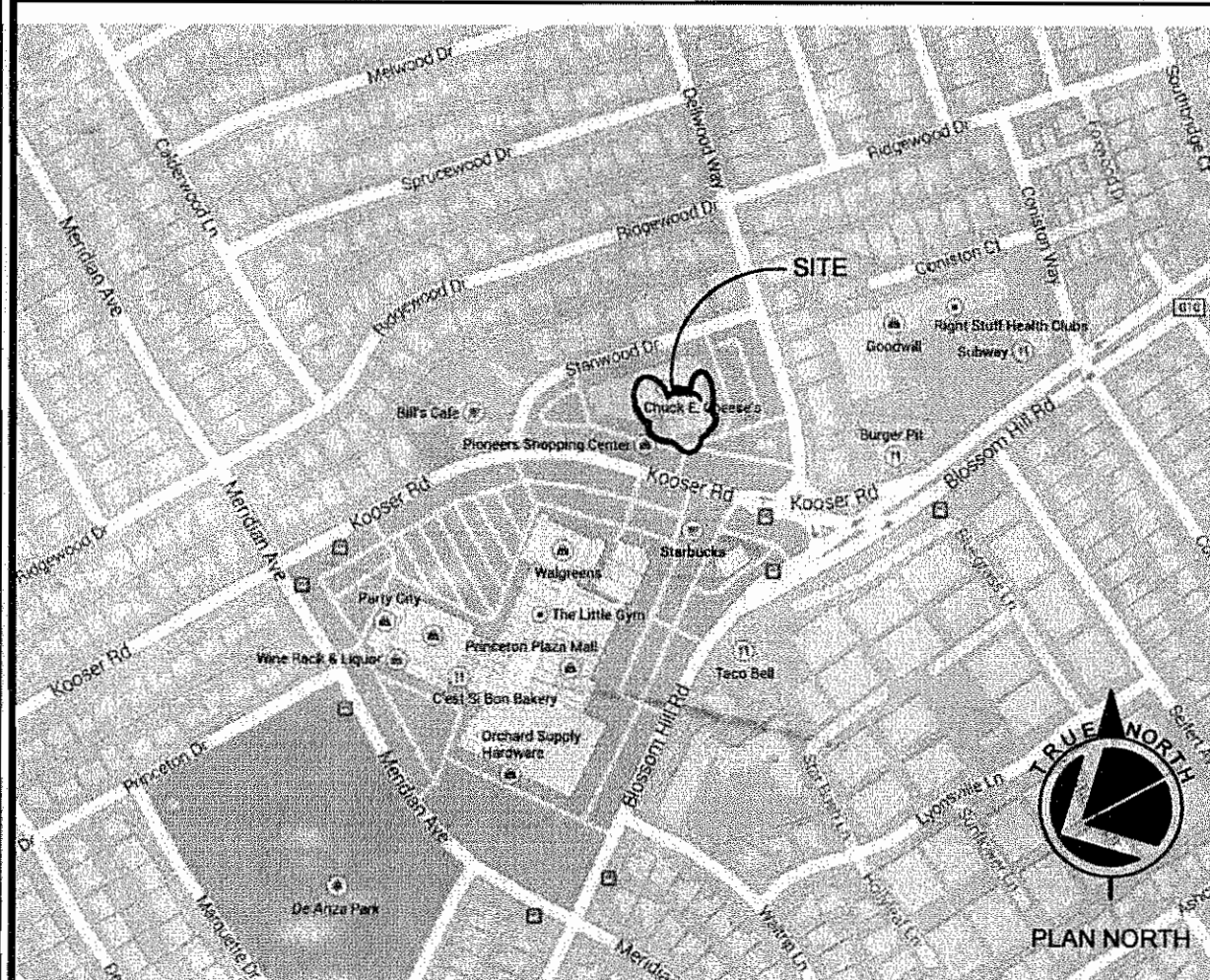
# CHUCK E CHEESE'S

STORE #:404  
1371 KOOSER RD.  
SAN JOSE, CA 95118

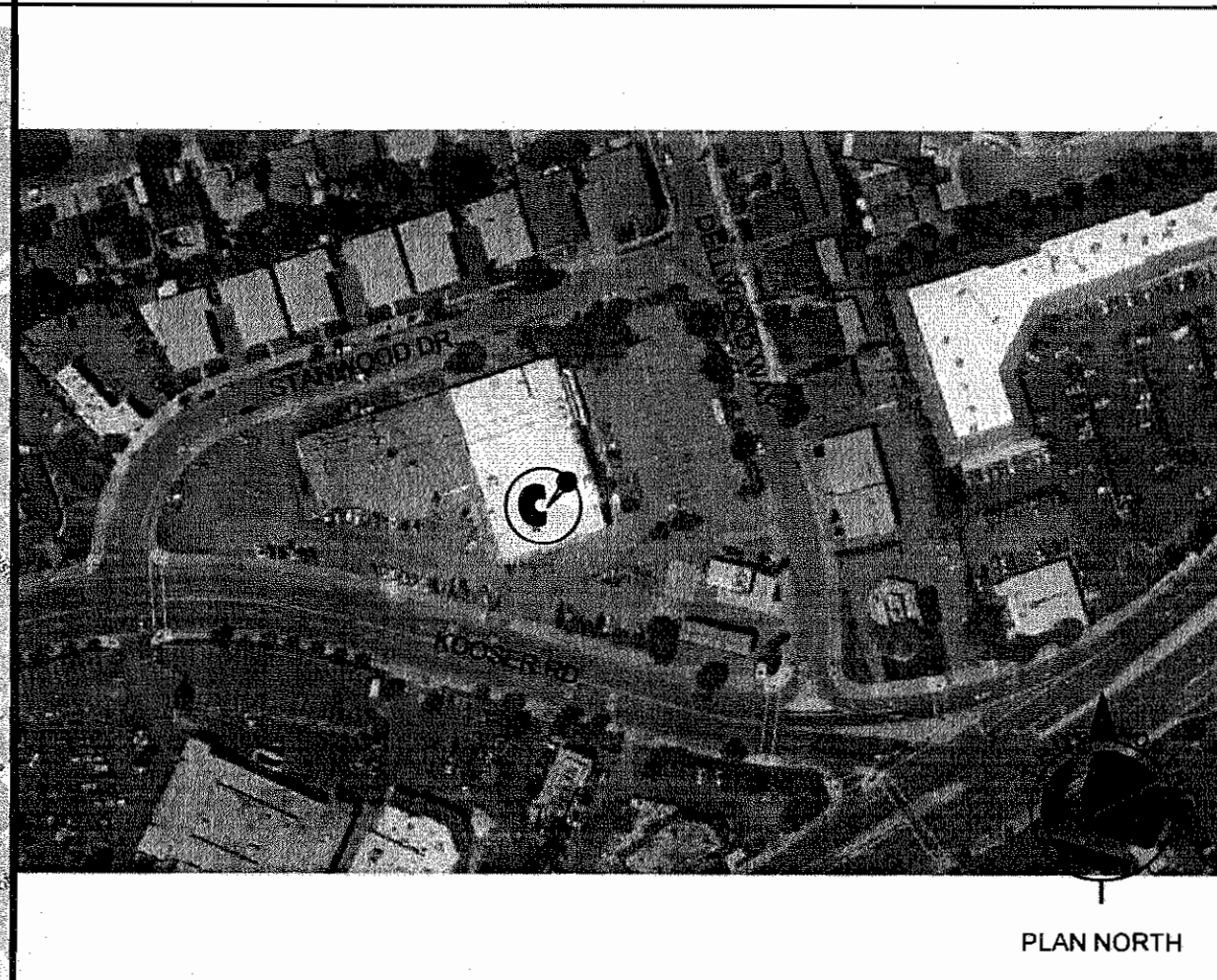
REV PERMIT SET -  
07/29/15

CITY OF SAN JOSE BUILDING DIVISION  
APPROVED PLAN SET  
OFFICE SET  
ADDRESS: 1371 Kooser Road  
PERMIT NO. 15-022964  
DATE: 07/29/15  
CODE: 15-022964  
TYPE OF CONSTRUCTION: V-B  
PLANS APPROVED FOR: BUILDING STRUCTURAL  
APPROVED BY: [Signature]  
COMMENTS: [Blank]

## SITE LOCATION MAP



## PROJECT VICINITY MAP



## CODE SUMMARY

ZONING: COMMERCIAL SHOPPING CENTER  
DESIGNATION: C-2  
USE: RESTAURANT  
PARKING REQUIRED: EXISTING TO REMAIN  
PARKING PROVIDED: EXISTING TO REMAIN  
BUILDING CODE: 2013 CALIFORNIA BUILDING CODE  
OCCUPANCY CLASS: A-2 (RESTAURANT)  
CONSTRUCTION TYPE: V-B (NON-RATED) - FULLY SPRINKLERED  
ALLOWABLE AREA: BASE ALLOWABLE 6,000 S.F.  
ALLOWABLE W/ PERMITTED INCREASES: 28,500 S.F.  
GROSS AREA: 18,859 S.F.  
PROJECT AREA: UNCHANGED - 489  
SEATING CAPACITY: UNCHANGED - 886  
EGRESS LOAD: REQUIRED: UNCHANGED  
EXIT: PROVIDED: UNCHANGED  
GREEN: 2013 CALIFORNIA GREEN CODE  
MECHANICAL: 2013 CALIFORNIA MECHANICAL CODE  
ELECTRICAL: 2013 CALIFORNIA ELECTRICAL CODE  
PLUMBING: 2013 CALIFORNIA PLUMBING CODE  
HEALTH: SANTA CLARA COUNTY HEALTH DEPARTMENT  
FIRE: 2013 CALIFORNIA FIRE CODE  
ACCESSIBILITY: 2013 CALIFORNIA BUILDING CODE  
ENERGY: 2013 CALIFORNIA ENERGY CODE  
FIRE SPRINKLER: NFPA 13  
FIRE ALARM: NFPA 72  
THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS IN EFFECT AT THE TIME OF BIDDING AND CONSTRUCTION.

## PROJECT TEAM

|                                                                                                                                                                                                                      |                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TENANT</b><br>CEC ENTERTAINMENT, INC.<br>4441 WEST AIRPORT FREEWAY<br>IRVING, TEXAS 75062<br>PH: (972) 258-5557<br>FAX: (972) 258-5545<br>E-MAIL: JEARNHEART@CECENTERTAINMENT.COM<br>CONTACT: Mr. JAMES EARNHEART | <b>ARCHITECT</b><br>CAHEN ARCHITECTURAL GROUP P.C.<br>7076 S. ALTON WAY, BUILDING A<br>CENTENNIAL, COLORADO 80112<br>PH: (303) 743-0002<br>FAX: (303) 996-0640<br>E-MAIL: CCAHEN@CAHEN-ARCH.COM<br>CONTACT: Mr. CRAIG CAHEN, AIA |
| <b>GENERAL CONTRACTOR</b><br>PARKWAY CONSTRUCTION<br>1000 CIVIC CIR.<br>LEWISVILLE, TX 75067<br>PH: (469) 322-3725<br>FAX: (972) 767-4714<br>E-MAIL: DENSIGN@PKWYCON.COM<br>CONTACT: DOUG ENSIGN                     |                                                                                                                                                                                                                                  |
| <b>M.E.P. ENGINEER</b><br>CORE STATES GROUP<br>1700 INDUSTRIAL DR., SUITE B<br>ROGERS, AR 72756<br>PH: (479) 986-4400<br>FAX: (479) 986-4401<br>E-MAIL: DLEIFFER@CORE-ENG.COM<br>CONTACT: Mr. DAVID LEIFFER          | <b>OWNER</b><br>THAO BUI<br>617 MARY EVELYN DRIVE<br>SAN JOSE, CA 95123<br>PH: (408) 829-1154<br>FAX: (408) 778-0527<br>E-MAIL: BUI1160@YAHOO.COM<br>CONTACT: Mr. THAO BUI                                                       |

## CEC SUPPLIER LIST

|                                                                                                                                                                                           |                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SIGN/COMPANY</b><br>STARLITE SIGN, LP<br>7923 EAST MCKINNEY<br>DENTON, TX 76208<br>CONTACT: DEBBIE STELLAR<br>PH: (817) 430-8359<br>E-MAIL: DEBBIE.STELLAR@STARLITESIGN.COM            | <b>LIGHTING</b><br>CLI COMMERCIAL LIGHTING INDUSTRIES<br>81161 INDIO BLVD.<br>INDIO, CA 92201<br>CONTACT: MELINDA MULLANEY<br>PH: (800) 755-0155 EXT. 143<br>E-MAIL: MMULLANEY@COMMERCIAL-LIGHTING.NET |
| <b>PAINT / STAINS</b><br>SHERWIN WILLIAMS<br>2100 LAKESIDE BLVD., SUITE 400<br>RICHARDSON, TX 75082<br>CONTACT: BRETT HUCKLEBURY<br>PH: (214) 553-3940<br>E-MAIL: BHUCKLEBURY@SHERWIN.COM | <b>TILE - RESTROOM WALLS &amp; FLOORS</b><br>INTERCERAMIC TILE<br>2682 FOREST LANE<br>DALLAS, TX 75234<br>CONTACT: LORI HANDS<br>PH: (214) 682-7479<br>E-MAIL: LHANDS@INTERCERAMICUSA.COM              |
| <b>DOORS</b><br>OLDCASTLE<br>803 AIRPORT RD.<br>TERRELL, TX 75160<br>CONTACT: KENT BAUMANN<br>PH: (972) 551-6386<br>E-MAIL: KBAUMANN@OLDCASTLEBE.COM                                      | <b>TILE - QUARRY TILE</b><br>AMERICAN TILE<br>10550 PLANO RD.<br>DALLAS, TX 75238<br>CONTACT: DOUG DALTON<br>PH: (817) 371-6945<br>E-MAIL: DDALTON@AMERICANTILESUPPLY.COM                              |
| <b>CEILING TILE</b><br>ARMSTRONG<br>16868 W. 55TH DRIVE<br>GOLDEN, CO 80403<br>CONTACT: RANDY A. LAY<br>PH: (303) 775-1409<br>E-MAIL: RALAY@ARMSTRONG.COM                                 | <b>WALK-OFF MAT</b><br>GRAND ENTRANCE<br>4640 WEDGEWOOD BLVD., SUITE 108<br>FREDERICK, MD 21703<br>CONTACT: CRYSTAL BROOKS<br>PH: (972) 429-5777<br>E-MAIL: CBROOKS@C-SGROUP.COM                       |
| <b>TOILET PARTITIONS</b><br>HJC, INC.<br>310 SOUTHWEST 24TH STREET<br>BENTONVILLE, AR 72712<br>CONTACT: DAVID LIGHTFOOT<br>PH: (479) 756-8989<br>E-MAIL: DAVID.LIGHTFOOT@HJCINC.COM       | <b>ELIASON DOOR</b><br>ELIASON DOOR CORPORATION<br>PH: (800) 828-3655                                                                                                                                  |

|                                                                                                                                                                                         |                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HARDWARE AND DOORS</b><br>UNIVERSAL MANUFACTURING<br>5366 CRESTVIEW RD.<br>MEMPHIS, TN 38134<br>CONTACT: THERESA LAND<br>PH: (901) 458-5881<br>E-MAIL: UMCO@UMCO.NET                 | <b>CORNER GUARDS</b><br>WALL PROTEK<br>3750 OHIO AVE<br>ST. CHARLES, IL 60174<br>PH: (877) 880-8115                                                                        |
| <b>MARLITE</b><br>MARLITE<br>CONTACT: TOM McCLAIN<br>PH: (330) 343-6621                                                                                                                 | <b>WINDOW SHADES</b><br>ROLL-A-SHADE<br>CONTACT: RIC BERG<br>29885 2ND STREET - UNIT E<br>LAKE ELISNORE, CA 92532<br>PH: (951) 245-5077 X113<br>E-MAIL: RIC@ROLLASHADE.COM |
| <b>MILLWORK</b><br>MIDWEST CABINET<br>1674 INDUSTRIAL AVE.<br>OTTAWA, KS 66067<br>CONTACT: SUSAN EICHENBERGER<br>PH: (785) 242-8181 EXT. 14<br>E-MAIL: SEICHENBERGER@MIDWESTCABINET.COM |                                                                                                                                                                            |

- NOTE:
- ALL PROPOSED SIGNAGE AND SIGNAGE CHANGES ARE UNDER SEPARATE PERMIT.
  - VENTILATION PROVIDED BY EXISTING HVAC SYSTEM.

## DRAWING INDEX

| GENERAL INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |
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| SCOPE OF WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                            |
| THIS PROJECT ENCOMPASSES A MINOR INTERIOR REMODEL TO THE EXISTING 18,859 GROSS SQUARE FOOT CHUCK E CHEESE'S RESTAURANT LOCATED AT 1371 KOOSER ROAD, SAN JOSE CA. THIS REMODEL SHALL INCORPORATE THE CURRENT CEC ENTERTAINMENT DESIGN STANDARDS, INCLUDING NEW SEATING AND GAMING AREA LAYOUT RECONFIGURATIONS, PUBLIC RESTROOM FINISH AND ACCESSORY UPDATES, NEW FLOOR, WALL AND CEILING INTERIOR FINISHES THROUGHOUT, NEW LIGHTING PACKAGE, PARTIAL FURNITURE REPLACEMENT AND A NEW DECOR / SIGNAGE PACKAGE. THE EXISTING SEATING COUNT SHALL NOT BE INCREASED. |                                            |
| NOTE: ITEMS BEING PLAN CHECKED AND PERMITTED SEPARATELY INCLUDE: FIRE SPRINKLERS, FIRE ALARM, SIGNAGE AND AWNINGS, SITE WORK ITEMS BY LANDLORD.                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| NOTE: THE GENERAL CONTRACTOR SHALL COORDINATE THE FIRE ALARM INTERFACES BETWEEN THE FIRE ALARM CONTRACTOR, SPRINKLER CONTRACTOR, MECHANICAL CONTRACTOR AND ANY OTHER PERTINENT TRADES (FIRE ALARM, SPRINKLER SYSTEM, HOOD AND VENT EXTINGUISHING SYSTEM, HVAC, FIRE SMOKE DAMPERS, ETC).                                                                                                                                                                                                                                                                         |                                            |

7076 South Alton Way  
Building A  
Centennial, Colorado 80112  
(303) 743-0002

CAHEN ARCHITECTURAL GROUP P.C.

7/31/15

LICENSED ARCHITECT  
CRAIG L. CAHEN  
No. C-27915  
Ren. 5/31/12

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#404 SAN JOSE, CA  
**CHUCK E CHEESE'S**  
1371 KOOSER RD.  
SAN JOSE, CA 95118

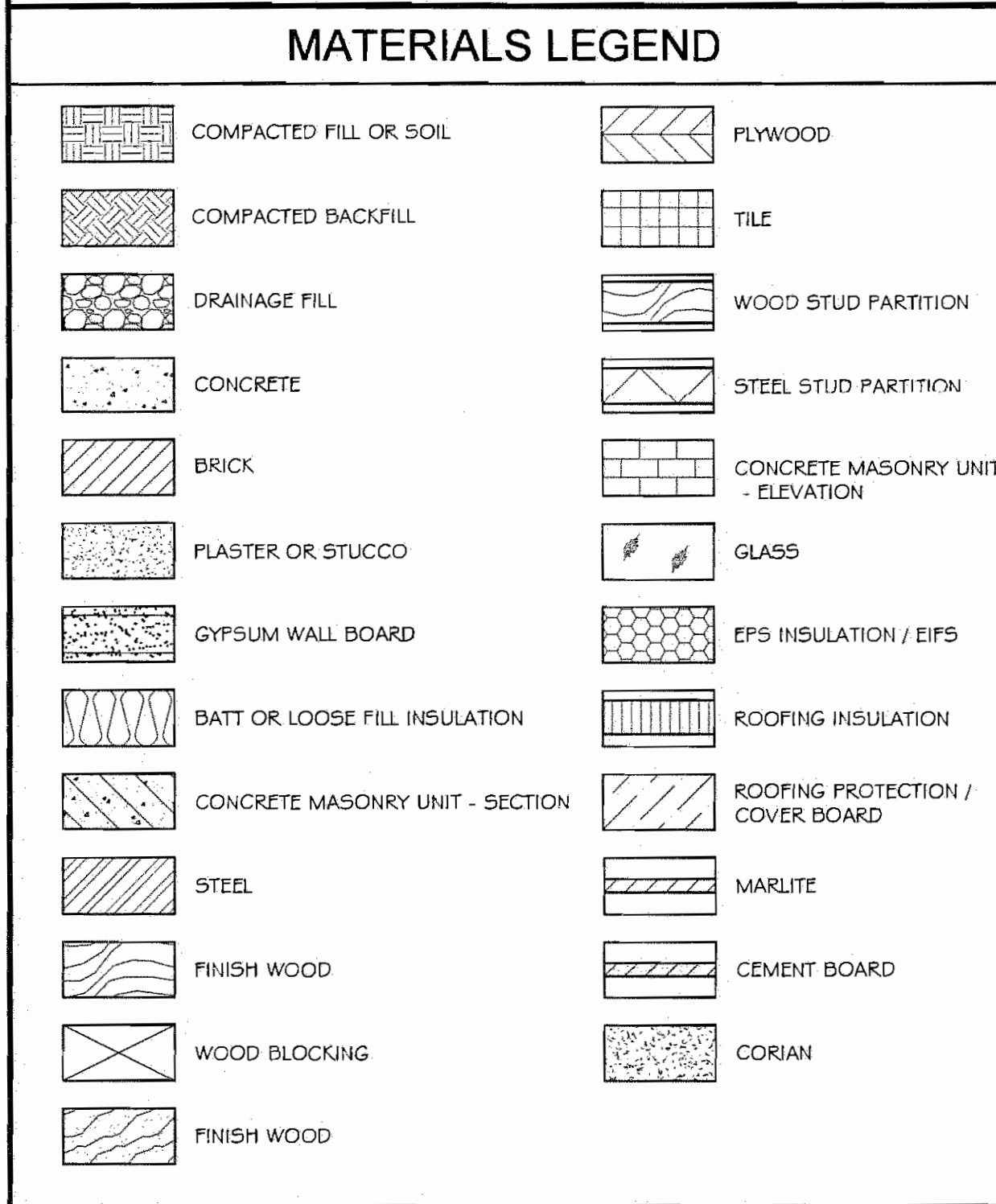
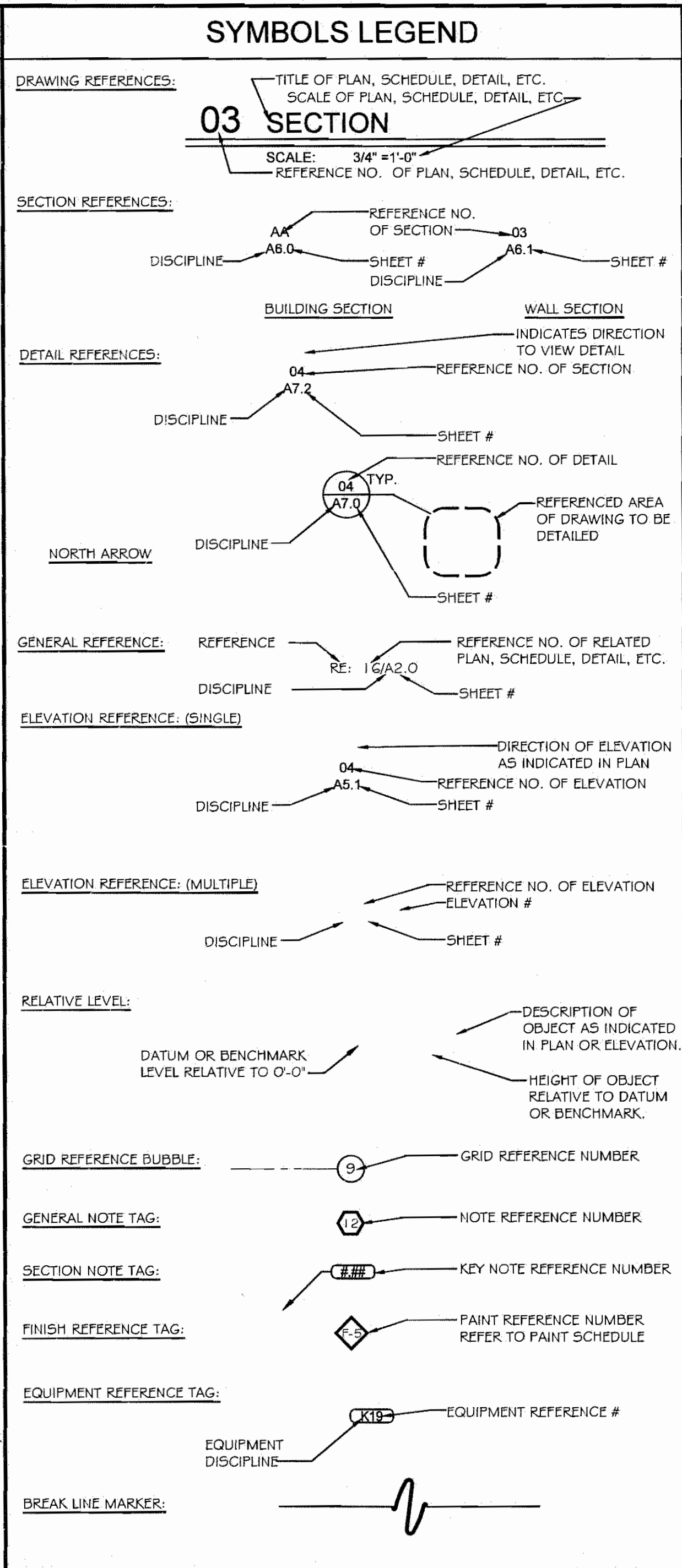
PC 15 - 022964 OFFICE SET

REV PERMIT SET - 07/29/15

PROJ NO. 14923  
DRAWN SW  
CHECKED SW/CIC  
ISSUED/REVISED DATE  
DESIGN REVIEW 04/15/15  
PERMIT/PRICING 05/08/15  
REVISION 01 07/15/15  
REVISION 02 07/29/15  
CONSTRUCTION - - -  
REVISION - - -  
REVISION - - -  
DRAWING TITLE  
COVER SHEET

CS1.0

| ABBREVIATIONS |                                                 |           |                                             |               |                                          |         |                                                            |  |  |
|---------------|-------------------------------------------------|-----------|---------------------------------------------|---------------|------------------------------------------|---------|------------------------------------------------------------|--|--|
| 4             | AND                                             | ELECT.    | ELECTRICAL                                  | KJT.          | KITCHEN                                  | RT.     | RUBBER TILE                                                |  |  |
| ∠             | ANGLE                                           | ELVR.     | ELEVATOR                                    | K.O.          | KNOCKOUT                                 | RTU     | ROOF-TOP UNIT                                              |  |  |
| @             | AT                                              | E.O.S.    | EDGE OF SLAB                                | KS            | KNEE SPACE                               | R.V.S.  | REVERSE (SIDE)                                             |  |  |
| —             | CENTER LINE                                     | E.P.      | ELECTRICAL PANELBOARD                       |               |                                          | R.W.L.  | RAIN WATER LEADER                                          |  |  |
| —             | CHAMFEL                                         | EQ.       | EQUAL                                       |               |                                          | (S)     | SEALANT                                                    |  |  |
| ∅             | DIAMETER OR ROUND                               | EOP.      | EQUIPMENT                                   | LAB.          | LABORATORY                               | S.      | SOUTH AND SLOPE                                            |  |  |
| #             | FOUND OR NUMBER                                 | EQUIP.    | EQUIPMENT                                   | LAM.          | LAMINATE(D)                              | S.A.    | SUPPLY AIR                                                 |  |  |
| —             | PLATE                                           | E.S.C.    | EXTERIOR SPECIAL COATING                    | LAV.          | LAVATORY                                 | SAN.    | SANITARY                                                   |  |  |
|               |                                                 | EST.      | ESTIMATE                                    | LBS.          | POUNDS                                   | S.A.T.  | SUSPENDED ACOUSTICAL CEILING                               |  |  |
| A.            | AMP.                                            | E.W.      | EACH WAY                                    | L.F.          | LINEAR FEET                              | S.C.    | SOLID CORE                                                 |  |  |
| A.B.          | ANCHOR BOLT                                     | E.W.C.    | ELECTRIC WATER COOLER                       | L.L.H.        | LONG LEG HORIZONTAL                      | S.C.D.  | SEAT COVER DISPENSER                                       |  |  |
| ABV.          | ABOVE                                           | EXH.      | EXHAUST                                     | L.L.V.        | LONG LEG VERTICAL                        | SCHED.  | SCHEDULE                                                   |  |  |
| AC            | AIR CONDITIONING                                | EXIST.    | EXISTING                                    | L.P.          | LOW POINT OR LIGHT POLE                  | SCHD.   | SMOKE DETECTOR, SOAP DISPENSER AND STORM DRAIN             |  |  |
| A.C.T.        | ACOUSTICAL CEILING TILE                         | EXP.      | EXPANSION                                   | LT.           | LIGHT                                    | SEAL.   | SEALANT                                                    |  |  |
| ACoust.       | ACOUSTICAL                                      | EXT.      | EXTERIOR                                    | L.W.C.        | LIGHT WEIGHT CONCRETE                    | SE.     | SOUTHEAST                                                  |  |  |
| ADA           | AMERICANS WITH DISABILITIES ACT                 |           |                                             | LVL.          | LEVEL                                    | SECT.   | SECTION                                                    |  |  |
| ADAAG         | ADA ACCESSIBILITY GUIDELINES                    | F.A.      | FIRE ALARM                                  | MAS.          | MASONRY                                  | S.F.    | SQUARE FOOT/FEET                                           |  |  |
| ADJ.          | ADJUSTABLE                                      | F.B.      | FLAT BAR                                    | MATL.         | MATERIAL (S)                             | SHWR.   | SHOWER                                                     |  |  |
| A.F.F.        | ABOVE FINISH FLOOR                              | F.B.O.    | FURNISHED BY OWNER                          | MAX.          | MAXIMUM                                  | SHT.    | SHEET                                                      |  |  |
| A.F.G.        | ABOVE FINISH GRADE                              | F.B.T.    | FURNISHED BY TENANT                         | M.B.          | MACHINE BOLT                             | SHTG.   | SHEETING                                                   |  |  |
| AL.           | AREA LIGHTING                                   | F.D.      | FLOOR DRAIN                                 | MECH.         | MECHANICAL                               | SIM.    | SIMILAR                                                    |  |  |
| ALUM. / AL.   | ALUMINUM                                        | F.D.C.    | FIRE DEPARTMENT CONNECTION                  | MEMB.         | MEMBRANE                                 | SMACNA  | SHEET METAL & AIR CONDITIONING CONTRACTORS NATIONAL ASSOC. |  |  |
| ALT.          | ALTERNATE                                       | FDN.      | FOUNDATION                                  | MEZZ.         | MEZZANINE                                | S.N.D.  | SANITARY NAPKIN DISPENSER                                  |  |  |
| ANSI          | AMERICAN NATIONAL STANDARDS INSTITUTE           | F.E.      | FIRE EXTINGUISHER                           | MFR.          | MANUFACTURER                             | S.N.R.  | SANITARY NAPKIN RECEPTACLE                                 |  |  |
| APLD.         | APPLIED                                         | F.E.C.    | FIRE EXTINGUISHER CABINET                   | M.H.          | MANHOLE                                  | SPEC.   | SPECIFICATIONS                                             |  |  |
| APPROX.       | APPROXIMATE                                     | F.F.      | FACTORY FINISH                              | MIN.          | MINIMUM                                  | SQ.     | SQUARE                                                     |  |  |
| ARCH.         | ARCHITECTURAL                                   | F.F.E.    | FINISH FLOOR ELEVATION                      | MIR.          | MIRROR                                   | S.S.    | STAINLESS STEEL / SANITARY SEWER                           |  |  |
| ARCHI.        | ARCHITECTURAL                                   | F.F.L.    | FINISH FLOOR LINE                           | MISC.         | MISCELLANEOUS                            | ST.     | SANITARY SEWER MANHOLE                                     |  |  |
| ASPH.         | ASPHALT                                         | F.G.      | FLAT GROWN                                  | M.O.          | MASONRY OPENING AND MONEY ORDER MACHINE  | ST.     | STATION                                                    |  |  |
| AUTO.         | AUTOMATIC                                       | FG        | FINISHED GRADE                              | M.R.D.        | METAL ROOF DECK                          | STD.    | STANDARD                                                   |  |  |
| AVE.          | AVENUE                                          | F.H.      | FIRE HYDRANT                                | MTD.          | MOUNTED                                  | STL.    | STEEL                                                      |  |  |
|               |                                                 | F.H.C.    | FIRE HOSE CABINET                           | MTG.          | MEETING                                  | STM.    | STORM OR STORM LINE                                        |  |  |
| B & B         | BOARD & BATTEN                                  | F.H.M.S.  | FLAT HEAD METAL SCREW                       | MTL.          | METAL                                    | STMH    | STORM MANHOLE                                              |  |  |
| B.F.S.        | BELOW FINISHED SLAB                             | F.H.W.S.  | FLAT HEAD WOOD SCREW                        | MUL.          | MULLION                                  | STR.    | STORAGE                                                    |  |  |
| BH.           | BULKHEAD                                        | FIN.      | FINISH (ED)                                 | MW.           | MILLWORK                                 | STRUCT. | STRUCTURAL                                                 |  |  |
| BITUM.        | BITUMINOUS                                      | F.I.O.    | FURNISHED & INSTALLED BY OWNER              |               |                                          | SUSP.   | SUSPENDED                                                  |  |  |
| BLDG.         | BUILDING                                        | F.I.T.    | FURNISHED & INSTALLED BY TENANT             |               |                                          | S.V.    | SHEET VINYL                                                |  |  |
| BLK.          | BLOCK                                           | FL        | FLOW LINE                                   |               |                                          | SW.     | SOUTHWEST                                                  |  |  |
| BLKG.         | BLOCKING                                        | F.L.A.    | FULL LOAD AMPS                              | (N)           | NEW                                      | SYM.    | SYMMETRICAL                                                |  |  |
| BLVD.         | BOULEVARD                                       | FLG.      | FLASHING                                    | N             | NORTH AND NEUTRAL                        | T.      | TRANSFORMER                                                |  |  |
| BM.           | BEAM                                            | FLR.      | FLOOR (ING)                                 | NE            | NORTHEAST                                | T. TR.  | TREAD                                                      |  |  |
| B.O.C.        | BASE OF CURB                                    | FLSHG.    | FLASHING                                    | N.E.          | NORTHEAST                                | T.B.    | TOP & BOTTOM                                               |  |  |
| B.O.F.        | BOTTOM OF FRAMING                               | FLUR.     | FLOOR (ING)                                 | N.I.C.        | NOT IN CONTRACT                          | T.B.    | TOWEL BAR                                                  |  |  |
| BOT.          | BOTTOM                                          | FLSHG.    | FLASHING                                    | NO. OR #      | NUMBER                                   | T.C.    | TOP OF CURB                                                |  |  |
| BRD.          | BOARD                                           | FLUOR.    | FLUORESCENT                                 | NOM.          | NOMINAL                                  | T.D.    | TOP OF DRAIN                                               |  |  |
| BRG.          | BEARING                                         | F.O.      | FACE OF                                     | N.T.S.        | NOT TO SCALE                             | TELE.   | TELEPHONE                                                  |  |  |
| B.S.          | BUILDING SECTION                                | F.O.C.    | FACE OF CURB/CONCRETE                       | NW.           | NORTHWEST                                | T & G   | TONGUE & GROOVE                                            |  |  |
| BS.           | BOTH SIDES                                      | F.O.F.    | FACE OF FINISH                              |               |                                          | THK.    | THICKNESS                                                  |  |  |
| BSMT.         | BASEMENT                                        | F.O.I.C.  | FURNISHED BY OWNER, INSTALLED BY CONTRACTOR | O.A.          | OVER ALL                                 | THRES.  | THRESHOLD                                                  |  |  |
| BTWN.         | BETWEEN                                         | F.O.M.    | FACE OF MASONRY                             | O.C.          | ON CENTER (S) & OVER COUNTER             | T.J.    | TOOL JOINT                                                 |  |  |
| B.U.          | BUILT-UP                                        | F.O.S.    | FACE OF STUDS                               | O.C.O.        | OUTSIDE CORNER OF                        | T.L.    | TRUE LENGTH                                                |  |  |
| BULKHD.       | BULKHEAD                                        | F.O.T.    | FACE OF TREAD                               | O.D.          | OUTSIDE DIAMETER (DIM.)                  | T.O.    | TOP OF                                                     |  |  |
|               |                                                 | FRP.      | FIBER REINFORCED PANEL                      | O.F.          | OVERFLOW                                 | T.O.B.  | TOP OF BEAM                                                |  |  |
| (C)           | CAULK                                           | FRTW.     | FIRE-RETARDANT TREATED WOOD                 | OFF.          | OFFICE                                   | T.O.C.  | TOP OF CURB/CONCRETE                                       |  |  |
| C.            | CONDUIT OR CELSIUS                              | F.S. F.   | FIRE SERVICE                                | O.F.O.        | OUTSIDE FACE OF                          | T.O.D.  | TOP OF DECK                                                |  |  |
| CAB.          | CABINET                                         | FT.       | FOOT OR FEET                                | O/H           | OVERHEAD                                 | T.O.F.  | TOP OF FOOTING                                             |  |  |
| C.B.          | CATCH BASIN AND CIRCUIT BREAKER                 | FTG.      | FOOTING                                     | OHE           | OVERHEAD ELECTRIC                        | T.O.J.  | TOP OF JOIST                                               |  |  |
|               |                                                 | FUR.      | FURRING                                     | O.H.          | OPPOSITE HAND                            | T.O.M.  | TOP OF MASONRY                                             |  |  |
| C.C.          | CENTER TO CENTER                                | FUT.      | FUTURE                                      | OPP. HAND     | OPPOSITE HAND                            | T.O.P.  | TOP OF PAVEMENT/PARAPET                                    |  |  |
| CEN.          | CEMENT                                          | F.V.      | FIELD VERIFY                                | OPG.          | OPENING                                  | T.O.S.  | TOP OF SLAB                                                |  |  |
| CER.          | CERAMIC                                         | G.        | GROUND AND NATURAL GAS                      | OPP.          | OPPOSITE                                 | T.O.W.  | TOP OF WALL                                                |  |  |
| CFM.          | CUBIC FEET PER MINUTE                           | GA.       | GAUGE                                       | O.S.A.        | OUTSIDE AIR                              | TOPO.   | TOPOGRAPHY                                                 |  |  |
| CFL.          | COUNTER FLASHING                                | GAL.      | GALLON                                      | O.S.B.        | ORIENTED STRAND BOARD                    | T.P.D.  | TOILET PAPER DISPENSER                                     |  |  |
| C.H.          | CONDUCTOR HEAD                                  | GALV.     | GALVANIZED                                  | O.T.B.        | OUT TO BID                               | T.S.    | TUBE STEEL & TEMPERATURE SENSOR                            |  |  |
| CHT.          | CEILING HEIGHT                                  | G.B.      | GAB BAR                                     | (P).          | POLE                                     | T.T.B.  | TELEPHONE TERMINAL BOARD                                   |  |  |
| CI            | CAST IRON                                       | G.C.      | GENERAL CONTRACTOR                          | (P), (P), PTD | PAINTED                                  | T.V.    | TELEVISION                                                 |  |  |
| C.I.P.        | CAST IN PLACE                                   | G.C.O.    | GREASE CLEAN OUT                            | (FC).         | PHOTOCELL LIGHTING                       | TYP.    | TYPICAL                                                    |  |  |
| C.J.          | CONTROL JOINT                                   | G.F.I.    | GRIND. FAULT CIRCUIT INTERRUPTER            | F.C.          | PRECAST CONCRETE                         | U.D.L.  | UNIFORM DISTRIBUTED LOAD                                   |  |  |
| C.L.          | CENTER LINE                                     | G.I.      | GALVANIZED IRON (STEEL)                     | PERF.         | PERFORATED                               | UE      | UNDERGROUND ELECTRIC                                       |  |  |
| CL.           | COLUMN MOUNT                                    | GL.       | GLASS                                       | P.F.          | PERFINISHED                              | U.N.O.  | UNLESS NOTED OTHERWISE                                     |  |  |
| CLG.          | CEILING                                         | G.L.B.    | GLU-LAM BEAM                                | PH.           | PHASE AND PHARMACY                       | UTIL.   | UTILITY                                                    |  |  |
| CLOS.         | CLOSET                                          | GND.      | GROUND                                      | P.I.P.        | POURED IN PLACE                          | V.      | VOLTS AND VENT                                             |  |  |
| CLR.          | CLEAR                                           | GR.       | GRADE                                       | (PL).         | POLE MOUNT                               | VAR.    | VARIES                                                     |  |  |
| CLSRM.        | CLASSROOM                                       | G.S.      | GALVANIZED STEEL                            | P.L.          | PROPERTY LINE                            | V.C.T.  | VINYL COMPOSITION TILE                                     |  |  |
| C.M.P.        | CORRUGATED METAL PIPE                           | G.S.F.    | GROSS SQUARE FOOTAGE                        | PL.           | PLATE                                    | VENT.   | VENTILATION                                                |  |  |
| CMU.          | CONCRETE MASONRY UNIT                           | GYP.      | GYPNUM                                      | F.L.          | PLASTIC LAMINATE                         | VERT.   | VERTICAL                                                   |  |  |
| CNTR.         | COUNTER                                         | GYP. BRD. | GYPNUM BOARD                                | FLUMB.        | PLUMBING                                 | VEST.   | VESTIBULE                                                  |  |  |
|               |                                                 |           |                                             | PLYWD.        | PLYWOOD                                  | V.I.F.  | VERIFY IN FIELD                                            |  |  |
| C.O.          | CONCRETE OPENING AND CLEAN-OUT OR CONDUIT ONLY. | H.B.      | HOSE BIBB                                   | P.NL.         | PANEL                                    | V.P.    | VENT PIPE                                                  |  |  |
| COL.          | COLUMN                                          | H.C.      | HANDICAPPED                                 | PR.           | PAIR                                     | V.R.    | VENT RISER                                                 |  |  |
| CONC.         | CONCRETE                                        | H.C.A.    | HEADED CONCRETE ANCHOR                      | PRSERV.       | PRESERVATIVE                             | V.T.    | VINYL TILE                                                 |  |  |
| CONN.         | CONNECTION                                      | H.D.      | HIGH DENSITY                                | PROP.         | PROPOSED                                 | VTR.    | VENT THRU ROOF                                             |  |  |
| CONST.        | CONSTRUCTION                                    | HD.       | HEAD                                        | P.S.F.        | POUNDS PER SQUARE FOOT                   | W.      | WEST, WATTS AND WATER                                      |  |  |
| CONT.         | CONTINUOUS                                      | HDD.      | HARDBOARD                                   | P.S.I.        | POUNDS PER SQUARE INCH                   | WC.     | WALLCOVERING                                               |  |  |
| CORR.         | CORRIDOR                                        | HDWD.     | HARDWOOD                                    | P.T.          | POINT                                    | W.C.    | WATER CLOSET                                               |  |  |
| CPT.          | CARPET                                          | HDWR./HW. | HARDWARE                                    | P.T.          | PRESSURE TREATED                         | WD.     | WOOD                                                       |  |  |
| C.T.          | CERAMIC TILE                                    | HDR.      | HEADER                                      | P.T.D.        | PAPER TOWEL DISPENSER                    | W.GL.   | WIRE GLASS                                                 |  |  |
| CTSK.         | COUNTERSUNK                                     | H.M.      | HOLLOW METAL                                | P.TFR.        | PRESSURE TREATED FIRE RESISTIVE          | W.H.    | WATER HEATER                                               |  |  |
| CTR.          | CENTER                                          | HORIZ.    | HORIZONTAL                                  | PTN.          | PARTITION                                | W/O     | WITHOUT                                                    |  |  |
| OW            | COLD WATER                                      | H.P.      | HIGH POINT AND HORSEPOWER                   | PVC.          | POLYVINYL CHLORIDE                       | WP.     | WATERPROOF                                                 |  |  |
| OWV           | COLD WATER VENT                                 | H.R.      | HANDRAIL                                    | PVMT.         | PAVEMENT                                 | W.P.F.  | WORK POINT                                                 |  |  |
|               |                                                 | HR.       | HOUR                                        | PWAY.         | PATHWAY                                  | WPHM.   | WEEP HOLE                                                  |  |  |
|               |                                                 | HT.       | HEIGHT                                      |               |                                          | W.R.    | WATER RESISTANT                                            |  |  |
| D.A.          | DOUBLE ACTING                                   | HTR.      | HEATER                                      |               |                                          | W.T.    | WAINSCOT                                                   |  |  |
| D.B.A.        | DEFORMED BAR ANCHOR                             | H. & S.   | HARDEN & SEAL                               | Q.T.          | QUARRY TILE                              | W.V.    | WATER VALVE                                                |  |  |
| DBL.          | DOUBLE                                          | HVAC      | HEATING VENTILATING AND AIR CONDITIONING    |               |                                          | W.W.F.  | WELDED WIRE FABRIC                                         |  |  |
| DEPT.         | DEPARTMENT                                      |           |                                             | (R)           | REMOVE                                   |         |                                                            |  |  |
| DET.          | DETAIL                                          | HYD.      | HYDRANT                                     | R., RI.       | RISER                                    |         |                                                            |  |  |
| D.F.          | DRINKING FOUNTAIN                               | HW        | HOT WATER                                   | RA.           | RETURN AIR                               |         |                                                            |  |  |
| DIA.          | DIAMETER                                        | HWR.      | HOT WATER RECLAIM                           | RAD.          | RADIUS                                   |         |                                                            |  |  |
| DIM.          | DIMENSION                                       | HWV       | HOT WATER VENT                              | R.B.          | RUBBER BASE                              |         |                                                            |  |  |
| DIP           | DUCTILE IRON PIPE                               |           |                                             | R.D.          | ROOF DRAIN                               |         |                                                            |  |  |
| DIN.          | DOWN                                            | INCAN.    | INCANDESCENT                                | R.D.          | ROAD & ROUND                             |         |                                                            |  |  |
| DR.           | DOOR                                            | I.D.      | INSIDE DIAMETER (DIM.)                      | RE.           | REFERENCE, REFER TO, AND COORDINATE WITH |         |                                                            |  |  |
| D.S.          | DOWNSPOUT                                       | IE.       | INVERT ELEVATION                            | REF.          | REFRIGERATOR                             |         |                                                            |  |  |
| DWG.          | DRAWING                                         | I.F.O.    | INSIDE FACE OF                              | REFL.         | REFLECTED                                |         |                                                            |  |  |
|               |                                                 | I.G.      | ISOLATED GROUND                             | REFR.         | REFRIGERATION                            |         |                                                            |  |  |
| (E)           | EXISTING                                        | INSUL.    | INSULATION                                  | REINF.        | REINFORCING                              |         |                                                            |  |  |
| E.            | EAST                                            | INT.      | INTERIOR AND INTERCOM                       | REL.          | RELOCATED                                |         |                                                            |  |  |
| EA.           | EACH                                            | INV.      | INVERT                                      | REQD.         | REQUIRED                                 |         |                                                            |  |  |
| E.B.          | EXPANSION BOLT                                  | IW        | INTERMEDIATE WATER                          | RESIL.        | RESILIENT                                |         |                                                            |  |  |
| E.F.          | EXHAUST FAN                                     |           |                                             | RPH.          | ROOF HATCH                               |         |                                                            |  |  |
| E.I.F.S.      | EXT. INSULATION FINISH SYSTEM                   | JAN.      | JANITOR                                     | RM.           | ROOM                                     |         |                                                            |  |  |
| E.J.          | EXPANSION JOINT                                 | JM.       | JAMB                                        | R.O.          | ROUGH OPENING                            |         |                                                            |  |  |
| EL.           | ELEVATION                                       | JST.      | JOIST                                       | R.O.W.        | RIGHT OF WAY                             |         |                                                            |  |  |
| ELEV.         | ELEVATION                                       | JT.       | JOINT AND JOINT TRENCH                      | R.P.C.        | REFRIGERATION PROBE CABLE                |         |                                                            |  |  |
| ELEC.         | ELECTRIC                                        |           |                                             |               |                                          |         |                                                            |  |  |



- GENERAL NOTES**
- THE CONTRACTOR SHALL FULLY ACQUAINT HIMSELF WITH THE CONDITIONS AND REQUIREMENTS OF THE DRAWINGS AND ACCOMPANYING SPECIFICATIONS, INCLUDING OTHER PARTS OF THE PROPOSED CONTRACT DOCUMENTS, AND FULLY UNDERSTAND THE CONDITIONS, DIFFICULTIES AND RESTRICTIONS COMPLETELY BEFORE EXECUTING THE WORK. IT IS UNDERSTOOD THAT OMISSIONS FROM THE BID, DUE TO FAILURE OF THE CONTRACTOR TO FULLY ACQUAINT HIMSELF WITH THE CONSTRUCTION DOCUMENTS, WILL NOT ENTITLE HIM TO ADDITIONAL CONSIDERATION AND/OR COMPENSATION. G.C. SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT SITE PRIOR TO COMMENCING THE WORK.
  - SHOULD THE CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE CONSTRUCTION DOCUMENTS, OR BE IN DOUBT AS TO THE MEANING AND INTENTION OF ANY ITEMS OR REQUIREMENTS, THEY SHALL NOTIFY THE ARCHITECT IMMEDIATELY..
  - THE ORGANIZATION OF THE SPECIFICATIONS INTO DIVISIONS, SECTIONS AND PARAGRAPHS AND THE ARRANGEMENT OF THE DRAWINGS ARE NOT INTENDED TO CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR TO ESTABLISH THE LIMITS AND EXTENT OF WORK TO BE PERFORMED BY A PARTICULAR TRADE. THE G.C. ALONE IS RESPONSIBLE FOR THE COMPLETION OF THE ENTIRE WORK AS DRAWN AND SPECIFIED, COMPLETE IN PLACE AND IN FUNCTIONAL OR OPERATING CONDITION. THE DIVISION OF THE SPECIFICATIONS INTO SECTIONS AND PARAGRAPHS AND ORGANIZATION OF THE DRAWINGS IS FOR CONVENIENCE ONLY AND NOT FOR THE PURPOSE OF LIMITING OR RESTRAINING PERFORMANCE OF ANY PORTION OF THE WORK TO ANY PARTICULAR TRADE.
  - ALL WORK PERFORMED SHALL COMPLY WITH THE CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS, INCLUDING THESE GENERAL NOTES. THE G.C. SHALL COORDINATE THE INTENT OF THE GENERAL NOTES WITH ALL THE TRADES.
  - NO DEVIATION FROM CONTRACT DRAWINGS AND SPECIFICATIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE ARCHITECT AND OWNER.
  - ANY STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF REQUIRED) ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL WORK. SHOULD THERE BE A DISCREPANCY BETWEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTING ENGINEERS' DRAWINGS THAT WOULD CAUSE AN IMPROPER INSTALLATION, IT SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.
  - SPECIFICATIONS ARE CONTAINED IN THESE CONTRACT DOCUMENTS.
  - ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING SAME, OR THEIR EXACT MEANING, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.
  - WHERE A TYPICAL CONDITION IS DETAILED, IT SHALL BE UNDERSTOOD THAT ALL LIKE OR SIMILAR CONDITIONS ARE THE SAME UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE.
  - THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTHS OF ALL UTILITIES AT THE SITE. PROTECT THEM FROM DAMAGE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT OF RECORD FOR RESOLUTION PRIOR TO THE COMMENCEMENT OF WORK.
  - THE CONTRACTOR IS TO PROVIDE TEMPORARY FACILITIES AS REQUIRED BY APPLICABLE CODE, LOCAL AUTHORITIES OR JURISDICTIONAL ORDINANCE.
  - PRIOR TO COMMENCING THE WORK, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD, COMPARE THOSE MEASUREMENTS TO THE DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT OF RECORD. DRAWINGS SHALL NOT BE SCALED OFF, FOR MEASUREMENT.
  - NO CHANGE IN THE SCOPE OR INTENT OF THE WORK SHALL OCCUR WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT OF RECORD OR C.E.C. ENTERTAINMENT INC.
  - THE CONTRACTOR SHALL PROVIDE ALL SHORING, BARRICADING AND BRACING NECESSARY TO ENSURE THE STRUCTURAL STABILITY OF THE BUILDING AND THE HEALTH OF THE PUBLIC AND ALL WHO ENTER THE BUILDING DURING COMPLETION OF THE SCOPE OF WORK DEFINED BY THIS ARCHITECTURAL DOCUMENTATION SET.
  - ALL WORK SHALL COMPLY WITH LOCAL BUILDING AUTHORITIES, CODES, REGULATIONS, ORDINANCES AND STATUTES, STATE, FEDERAL CODE AND OTHER JURISDICTIONAL AUTHORITIES, AND LATEST REVISIONS THEREOF. MODIFICATIONS REQUIRED BY THE ABOVE AND AUTHORITY SHALL BE MADE WITHOUT ADDITIONAL CHARGE TO THE OWNER.
  - ALL EMERGENCY BUILDING EXITS REQUIRED BY CODE, SHALL BE OPERABLE AND UNOBSTRUCTED DURING CONSTRUCTION PERIOD.
  - FIRE EXTINGUISHER CABINETS TO BE FURNISHED AND INSTALLED BY THE G.C. ARE TO BE IN COMPLIANCE WITH CITY AND APPLICABLE FIRE CODES.
  - BOTH PLACEMENT AND QUANTITY OF FIRE EXTINGUISHERS TO BE DETERMINED BY THE FIRE MARSHALL AND COMPLY WITH ALL N.F.P.A. REQUIREMENTS. G.C. TO COORDINATE INSTALLATION.
  - THE CONTRACTOR SHALL REVIEW THE LOCATIONS OF ALL FIRE LIFE SAFETY DEVICES WITH THE FIRE INSPECTOR AND THE OWNER REPRESENTATIVE FOR ON-SITE APPROVAL PRIOR TO INSTALLATION.
  - INTERIOR FINISHES SHALL COMPLY WITH LOCAL CODES.
  - THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BLOCKING, BACKING, HANGERS, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, PICTURES AND PARTITIONS AND ALL WALL MOUNTED OR SUSPENDED PLUMBING, MECHANICAL, ELECTRICAL, OR MISCELLANEOUS EQUIPMENT AND FURNISHINGS.

**CITY OF SAN JOSE, CALIFORNIA**  
**Building Division Accessibility Compliance- Existing Buildings Form**

I have surveyed the building at 1371 Kooser Road for compliance with required accessibility features per the California Building Code. Proposed alteration work will include any upgrades required to provide compliance with accessibility features serving the area of work as described in section CBC 11B-202.

I acknowledge the following scope of required upgrades (choose one)

☐ The existing required accessibility features serving the area of work are in conformance with the CBC.

☒ Upgrades to the existing condition are proposed to provide full compliance with required accessibility features serving the area of work in conformance with the CBC.

☐ The feasibility of the proposed work will be severely impacted if full accessibility compliance is provided. Not all access features will be provided with the proposed scope of work, thus an Unreasonable Hardship determination must be granted. Upgrades will be provided for all features not excepted in the approved hardship application.

Signature: [Signature] Date: 7-15-15

I am: ☒ Project Designer, ☐ Business Owner, ☐ Other

7076 South Alton Way  
 Building A  
 Cupertino, CA 95014  
 (408) 745-0022

**CABEN ARCHITECTURAL GROUP P.C.**

7/31/15

LICENSED ARCHITECT  
 CRAIG T. CABEN  
 No. C-27316  
 Exp. 5/31/2017  
 STATE OF CALIFORNIA

(These drawings are the property of Caben Architectural Group P.C. and are an instrument of service and the property of the Architect, and may not be duplicated, disclosed, or reproduced without the written consent of the Architect. Copyrights and infringements will be enforced and prosecuted.)

APPROVED  
 City of San Jose Building Division  
☐ Building  
 Plan No. 15-00000 Photo: PL (408) 535-7665  
 Date: 7/15/15

#404 SAN JOSE, CA  
**CHUCKECHEESE'S**  
 1371 KOOSER RD.  
 SAN JOSE, CA 95118

PROJ. NO. • 14923  
 DRAWN • BAO  
 CHECKED • SW/CIC  
 ISSUED/REVISED • DATE  
 DESIGN REVIEW • 04/15/15  
 PERMIT/PRICING • 05/08/15  
 REVISION 01 • 07/15/15  
 REVISION 02 • 07/29/15  
 CONSTRUCTION • -/-/-  
 REVISION • -/-/-  
 REVISION • -/-/-  
 DRAWING TITLE •  
 ABBREVIATIONS & GENERAL NOTES

**CS2.0**

REV PERMIT SET - 07/29/15

# CALGREEN NONRESIDENTIAL MANDATORY MEASURES

## 2013 CALGreen NONRESIDENTIAL MANDATORY MEASURES CHECKLIST (Effective January 1, 2014)

| SECTION                                                     | CREDIT                                 | REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Measures provided on plan sheet |
|-------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>PLANNING AND DESIGN (Site Development)</b>               |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
| 5.106.1                                                     | Storm Water Pollution Prevention Plan  | Newly constructed projects which disturb less than one acre of land shall prevent the pollution of stormwater runoff from the construction activities through local ordinance in Section 5.106.1.1 or Best Management Practices (BMP) in Section 5.106.1.2. Comply with Sections 5.106.4.1.1 and 5.106.4.1.2, or meet local ordinance, whichever is stricter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                             |
| 5.106.4                                                     | Bicycle Parking                        | 5.106.4.1.1 Short-Term Bicycle parking.<br>If the new project or addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 ft of the visitors' entrance, readily visible to passers-by, for 5 percent of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.<br>Exception: Additions or alterations which add 5 or less visitor parking spaces.<br>5.106.4.1.2 Long-Term Bicycle parking.<br>For new buildings with over 10 tenant-occupied or for additions or alterations that add 10 or more tenant parking spaces, provide secure bicycle parking for 5 percent of tenant-occupied motorized vehicle parking spaces being added, with a minimum of one space.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N/A                             |
| 5.106.5.2                                                   | Designated Parking                     | 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 per Table 5.106.5.2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N/A                             |
| 5.106.8                                                     | Light Pollution Reduction              | New outdoor lighting systems shall be designed and installed to comply with:<br>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<br>2. Backlight, Uplight and Glare (BUG) ratings defined in IESNA TM-15-11; and<br>3. Allowable BUG ratings not exceeding those shown in Table 5.106.8, or<br>Comply with a local ordinance (ordinance enacted pursuant to Section 101.7, whichever is more stringent).<br>Exceptions:<br>1. Luminaires that qualify as exceptions in Section 147 of Calif. Energy Code<br>2. Emergency lighting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N/A                             |
| 5.106.10                                                    | Grading and Paving                     | Construction plans shall indicate how site grading or a drainage system will manage all surface water flow to keep water from entering buildings. Examples of methods to manage surface water include those shown in Items 1-5.<br>Exceptions: Additions and alterations not altering the drainage path.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                             |
| <b>ENERGY EFFICIENCY</b>                                    |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
| 5.201.1                                                     | Scope                                  | Building meets or exceeds the requirements of the California Building Energy Efficiency Standards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | E.1.0                           |
| <b>WATER EFFICIENCY AND CONSERVATION (Indoor Water Use)</b> |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
| 5.303.1                                                     | Meters                                 | 5.303.1.1 Separate meters shall be installed for the uses described in Sections 5.303.1.1 and 5.303.1.2.<br>5.303.1.2 New buildings or additions in excess of 50,000 square feet.<br>Separate submeters shall be installed as follows:<br>1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gallons.<br>2. Where separate submeters for individual building tenants are uneconomical, for water supplied to the following subareas:<br>a. Makeup water for cooling towers where flow through is greater than 500 gpm (50 L/s)<br>b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s)<br>c. Steam and hot-water boilers with energy input more than 500,000 Btu/h (147 kW)<br>5.303.1.3 Excess consumption.<br>Any tenant in a new building or an addition that is projected to consume more than 100 gallons (380 L) per day.<br>Plumbing fixtures shall meet the maximum flow rate values shown in Table 5.303.2.3. Exception: Buildings that demonstrate 20% water use reduction, in this case, a calculation demonstrating a 20% reduction in the building "water use baseline," as established in Table 5.303.2.3, shall be provided.<br>5.303.2.1 Areas of additions or alterations.<br>The provisions of Sections 5.303.2 and 5.303.3 shall apply to new fixtures in additions or areas of alterations to the building.<br>5.303.3 Water Conserving Plumbing Fixtures and | N/A                             |
| 5.303.2                                                     | Water Reduction                        | Plumbing fixtures shall meet the maximum flow rate values shown in Table 5.303.2.3. Exception: Buildings that demonstrate 20% water use reduction, in this case, a calculation demonstrating a 20% reduction in the building "water use baseline," as established in Table 5.303.2.3, shall be provided.<br>5.303.2.1 Areas of additions or alterations.<br>The provisions of Sections 5.303.2 and 5.303.3 shall apply to new fixtures in additions or areas of alterations to the building.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | A9.2                            |
| 5.303.3                                                     | Water Conserving Plumbing Fixtures and | Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A9.2                            |

## NONRESIDENTIAL MANDATORY MEASURES, effective Jan. 1, 2014 (continued)

| SECTION                                                                                                         | CREDIT                                  | REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Measures provided on plan sheet |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>MATERIAL CONSERVATION &amp; RESOURCE EFFICIENCY (Construction Waste Reduction, Disposal &amp; Recycling)</b> |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |
| 5.408.1                                                                                                         | Construction Waste Management           | Recycle and/or salvage for reuse a minimum of 50% of the nonhazardous 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SEE NOTE ON A3.0                |
| 5.408.1.1                                                                                                       | Construction waste management plan      | Where a local jurisdiction does not have a construction and demolition waste management ordinance that is more stringent, submit a construction waste management plan that complies with Items 1 through 4 of this section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N/A                             |
| 5.408.1.2                                                                                                       | Waste management company                | Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.<br>1. Excavated soil and land-clearing debris.<br>2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.<br>3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.                                                                                                                                                                                       | N/A                             |
| 5.408.1.4                                                                                                       | Documentation                           | Provide documentation of the waste management plan that meets the requirements listed in Sections 5.408.1.1 through 5.408.1.3, and the plan is accessible to the enforcement authority.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                             |
| 5.408.2                                                                                                         | Isolated jobsites                       | The enforcing agency may make exceptions to the requirements of this section when jobsites are located in areas beyond the haul boundaries of the diversion facility.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                             |
| 5.408.3                                                                                                         | Excavated soil and land clearing debris | 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled.<br>Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N/A                             |
| <b>MATERIAL CONSERVATION &amp; RESOURCE EFFICIENCY (Building Maintenance and Operation)</b>                     |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |
| 5.410.1                                                                                                         | Recycling by Occupants                  | Provide readily accessible areas that serve the entire building and are identified for the disposal, storage and collection of nonhazardous materials for recycling.<br>5.410.1.1 Additions.<br>All alterations conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.<br>Exception: addition within a tenant space resulting in less than a 30% increase in the tenant space floor area.                                                                                                                                                                                                                                      | N/A                             |
| 5.410.2                                                                                                         | Commissioning                           | For new buildings 10,000 square feet and over, building commissioning for all building systems covered by Title 24, Part 6, process systems and renewable energy systems shall be included in the design and construction phases of the building project. Commissioning requirements shall include items listed in Section 5.410.2.1.<br>Exceptions:<br>1. Dry storage warehouses of any size.<br>2. Areas under 10,000 square feet used for offices or other conditioned accessory spaces within dry storage warehouses as described in Section 5.303.1.1.<br>3. Tenant improvements under 10,000 sqft as described in Section 5.303.1.1.<br>4. Commissioning requirements for energy systems covered by the 2013 California Energy Code. | N/A                             |
| 5.410.2.1                                                                                                       | Owner's Project Requirements (OPR)      | Documented before the design phase of the project begins the OPR shall include items listed in Section 5.410.2.1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N/A                             |
| 5.410.2.2                                                                                                       | Basis of Design (BOD)                   | 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 to cover the systems listed in Section 5.410.2.2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N/A                             |
| 5.410.2.3                                                                                                       | Commissioning Plan                      | A commissioning plan describing how the project will be commissioned shall include items listed in Section 5.410.2.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                             |
| 5.410.2.4                                                                                                       | Functional Performance Testing          | Functional performance testing shall demonstrate the correct installation and operation of mechanical, system and system-to-system interfaces in accordance with the approved plans and specifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                             |
| 5.410.2.5                                                                                                       | Documentation and Training              | A Systems manual and systems operations training are required.<br>5.410.2.5.1 Systems manual.<br>The systems manual shall be delivered to the building owner or representative facilities operator and shall include the items listed in Section 5.410.2.5.1.<br>5.410.2.5.2 Systems operations training.<br>A program for training of the appropriate maintenance staff for each equipment.                                                                                                                                                                                                                                                                                                                                               | N/A                             |

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## NONRESIDENTIAL MANDATORY MEASURES, effective Jan. 1, 2014 (continued)

| SECTION                                                | CREDIT                                    | REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Measures provided on plan sheet    |
|--------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 5.504.4                                                | Carpet Systems                            | Verification of compliance with this section shall be provided at the request of the enforcing agency.<br>All carpet installed in the building interior shall meet the testing and product requirements of one of the standards listed in Section 5.504.4.4.<br>5.504.4.4.1 Carpet cushion.<br>All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute's Green Label program.<br>5.504.4.4.2 Carpet adhesive.<br>All carpet adhesive shall meet the requirements of Table 5.504.4.4.<br>Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in AIAHS (Air Toxics Control Measure) (ATCM) for Composite Wood (17 CFR 53.102 et seq.). These materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.<br>5.504.4.5.1 Documentation.<br>Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:<br>1. Product certifications and specifications<br>2. Chain of custody certifications<br>3. Product labels and invoices as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93.102, et seq.)<br>4. Exterior grade products marked as meeting the PG-1 or PG-2 standards of the Engineered Wood Association, the Australian AS/NZS 2208 or European EN 338 standards.<br>5. Other methods acceptable to the enforcing agency. | SEE NOTE ON A2.0                   |
| 5.504.4.5                                              | Composite Wood Products                   | For 80% of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:<br>1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program.<br>2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for Testing and Evaluation Chambers, dated January 1, February 2010.<br>3. Compliant with the California Collaborative for High Performance Schools (CA-CHPS) Criteria Interpretation for E2.2 dated July 2012 and listed in the CHPS High Performance product database.<br>4. Compliant with CDPH criteria as certified under the Greenguard Children's & School Program.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SEE NOTE ON A7.1, A7.3, A7.5, A9.0 |
| 5.504.4.6                                              | Resilient Flooring Systems                | 5.504.4.6.1 Verification of compliance.<br>Verification of compliance with this section shall be provided verifying that resilient flooring materials meet the pollutant emission limits.<br>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 MERV of 8. 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.<br>Exceptions:<br>1. As ASHRAE 109 to 15% efficiency filter shall be permitted for an HVAC unit meeting the 2013 California Energy Code having 60,000 Btu/h or less capacity per fan coil, if the energy use of the air delivery system is 1.4 Watts or less at design air flow.<br>2. Existing mechanical equipment.<br>5.504.6.3.1 Labeling.<br>Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.<br>Prohibit smoking within 25 feet of building entries, outdoor air intakes and operate windows when outdoor air is provided, smoking and within the building as already prohibited by other laws or regulations, or as enforced by ordinances, regulations or policies of any city, county, state or California Community College, campus of the California State University or campus of the University of California, whichever are more stringent.                                                                                                                                                  | N/A                                |
| 5.504.7                                                | Environmental Tobacco Smoke (ETS) Control | Prohibit smoking within 25 feet of building entries, outdoor air intakes and operate windows when outdoor air is provided, smoking and within the building as already prohibited by other laws or regulations, or as enforced by ordinances, regulations or policies of any city, county, state or California Community College, campus of the California State University or campus of the University of California, whichever are more stringent.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                |
| <b>ENVIRONMENTAL QUALITY (Indoor Moisture Control)</b> |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                    |
| 5.505.1                                                | Indoor Moisture Control                   | Buildings shall meet or exceed the provisions of 2013 California Building Code, CCR, Title 24, Part 2, Sections 1203 (Ventilation) and Chapter 14 (Exterior Walls).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                |
| <b>ENVIRONMENTAL QUALITY (Indoor Air Quality)</b>      |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                    |
| 5.506.1                                                | Outside Air Delivery                      | Buildings shall meet the minimum requirements of Section 121 of the California Energy Code and Chapter 4 of CCR, Title 8 or the applicable local code, whichever is more stringent.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A                                |

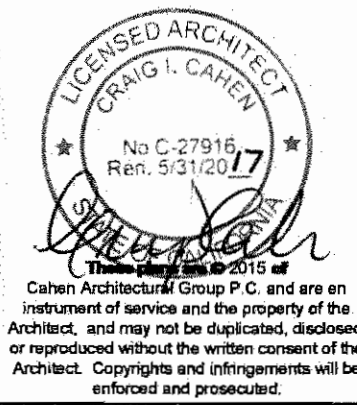
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## NONRESIDENTIAL MANDATORY MEASURES, effective Jan. 1, 2014 (continued)

| SECTION     | CREDIT                     | REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Measures provided on plan sheet |
|-------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 5.508.2.1.3 | Flared tubing connections. | Double flared tubing connections may be used for pressure controls, valve pilot lines and oil.<br>Exception: Single flared tubing connections may be used with a muting seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N/A                             |
| 5.508.2.1.4 | Elbows.                    | Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                             |
| 5.508.2.2   | Valves                     | Valves and fittings shall comply with the California Mechanical Code and as follows:<br>5.508.2.2.1 Pressure relief valves.<br>For vessels containing high-GWP refrigerant, a pressure disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.<br>5.508.2.2.1.1 Pressure detection.<br>A pressure gauge, pressure transducer or other device shall be installed in the space between the pressure disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.<br>5.508.2.2.2 Access valves.<br>Only Schrader access valves with a brass or steel body are permitted for use.<br>5.508.2.2.2.1 Valve caps.<br>For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.<br>5.508.2.2.2.2 Seal caps.<br>If designed for it, the cap shall have a neoprene O-ring in place.<br>5.508.2.2.2.2.1 Chain leathers.<br>Chain leathers to fit over the stem are required for valves designed to have seal caps.<br>Exceptions: Valves with seal caps that are not removed from the valve during start operation. | N/A                             |
| 5.508.2.3   | Refrigerated Service Cases | Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel, or be coated to prevent corrosion from these substances.<br>5.508.2.3.1 Coil coating.<br>Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                             |
| 5.508.2.4   | Refrigerant Receivers      | Refrigerant receivers with capacities greater than 500 pounds shall be fitted with a device that indicates the level of refrigerant in the receiver.<br>The system shall be pressure tested during installation prior to evacuation & charging.<br>5.508.2.4.1 Minimum pressure.<br>The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                             |
| 5.508.2.5   | Pressure Testing           | 5.508.2.5.1 Leaks.<br>Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.<br>5.508.2.5.2 Allowable pressure change.<br>The system shall stand undisturbed for 24 hours with no more than a +/- one pound pressure change from 300 psig measured with the same gauge.<br>The system shall be evacuated after pressure testing prior to charging.<br>5.508.2.5.1 First vacuum.<br>Pull a system vacuum down to a minimum of 1000 microns (+/- 50 microns), and hold down for 30 minutes.<br>5.508.2.5.2 Second vacuum.<br>Pull a system vacuum to a minimum of 500 microns and hold for 30 minutes.<br>5.508.2.5.3 Third vacuum.<br>Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 400 microns over a 24-hour period.                                                                                                                                                                                                                                                                                                                           | N/A                             |
| 5.508.2.6   | Evacuation                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N/A                             |

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APPROVED  
City of San Jose, Building Division  
Building  
Frank Cozzitorto, PE (408) 535-7665  
Plan No. \_\_\_\_\_ Date: \_\_\_\_\_



CAHEN ARCHITECTURAL GROUP P.C.  
7076 South Alton Way  
Building A  
Centennial, CO 80107  
(303) 745-0022

#404 SAN JOSE, CA  
**CHUCKECHEESE'S**  
1371 KOOSER RD.  
SAN JOSE, CA 95118



PROJ. NO. • 14923  
DRAWN • SW  
CHECKED • SWIC  
ISSUED/REVISED • DATE  
DESIGN REVIEW • 04/15/15  
PERMIT/PRICING • 05/08/15  
REVISION • 07/15/15  
REVISION • 07/29/15  
CONSTRUCTION •  
REVISION •  
REVISION •  
DRAWING TITLE •  
CALGREEN NOTES

CS3.0

REV PERMIT SET - 07/29/15

## NONRESIDENTIAL MANDATORY MEASURES, effective Jan. 1, 2014 (continued)

| SECTION                                                      | CREDIT                    | REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Measures provided on plan sheet |
|--------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 5.303.3.1                                                    | Fittings                  | 5.303.3.1 Water closets.<br>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.<br>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.<br>5.303.3.2 Urinals.<br>The effective flush volume of urinals shall not exceed 0.5 gallons per flush.<br>5.303.3.3 Showerheads.<br>5.303.3.3.1 Single showerheads.<br>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 WaterSense Specification for Showerheads.<br>5.303.3.3.2 Multiple showerheads serving one shower.<br>When a shower is served by more than one showerhead, the combined flow rate of all 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.<br>Note: A hand-held shower shall be considered a showerhead.<br>Each new building shall include the prevention of wastewater by one of the following methods:<br>1. The installation of water-conserving fixtures or<br>2. Utilizing nonpotable water systems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A9.2                            |
| 5.303.4                                                      | Wastewater Reduction      | Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code and shall meet the applicable standards referenced in Table 1401.1 of the California Plumbing Code and in Chapter 6 of this code.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A9.2                            |
| <b>WATER EFFICIENCY AND CONSERVATION (Outdoor Water Use)</b> |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |
| 5.304.1                                                      | Water Budget              | A water budget shall be developed for landscape irrigation use that installed in conjunction with a new building or an addition or alteration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                             |
| 5.304.2                                                      | Outdoor Potable Water Use | For new water service or for addition or alteration requiring upgraded water service for landscaped areas of at least 1,000 square feet but not more than 5,000 square feet, separate submeters or metering devices shall be installed for outdoor potable water use.<br>In new nonresidential construction or building addition or alteration with at least 1,000 square feet but not more than 2,500 square feet of cumulative landscaped area (the level at which the MWELC applies), install irrigation controllers and sensors which include the following criteria and meet manufacturer's recommendations.<br>5.304.2.1 Irrigation controllers.<br>Automatic irrigation system controllers installed at the time of final inspection shall carry with the following:<br>1. Controllers shall be weather- or soil moisture-based controllers that automatically adjust irrigation in response to changes in plants' needs as weather conditions change.<br>2. Weather-based controllers without integral rain sensors or communication systems that account for local rainfall shall have a separate wind or wireless rain sensor which connects or communicates with the controller(s). Soil moisture-based controllers are not required to have rain sensor input.<br>5.407.2.1 Irrigation spray on structures.<br>5.407.2.2 Entries and openings.<br>Design exterior entries and openings to prevent water intrusion into buildings as follows:<br>5.407.2.2.1 Exterior door protection.<br>Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:<br>1. An installed awning at least 4 feet in depth.<br>2. The door is protected by a roof overhang at least 4 feet in depth.<br>3. The door is recessed at least 4 feet.<br>4. Other methods which provide equivalent protection.<br>5.407.2.2.2 Flashings. | N/A                             |
| 5.407.1                                                      | Weather Protection        | Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code, Section 1403.2 and California Energy Code, Section 150, manufacturer's installation instructions or local ordinance, whichever is more stringent. Employ moisture control measures by the following methods:<br>5.407.2.1 Irrigation spray on structures.<br>5.407.2.2 Entries and openings.<br>Design exterior entries and openings to prevent water intrusion into buildings as follows:<br>5.407.2.2.1 Exterior door protection.<br>Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:<br>1. An installed awning at least 4 feet in depth.<br>2. The door is protected by a roof overhang at least 4 feet in depth.<br>3. The door is recessed at least 4 feet.<br>4. Other methods which provide equivalent protection.<br>5.407.2.2.2 Flashings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N/A                             |
| 5.407.2                                                      | Moisture Control          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N/A                             |

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## NONRESIDENTIAL MANDATORY MEASURES, effective Jan. 1, 2014 (continued)

| SECTION                                          | CREDIT                                                                      | REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Measures provided on plan sheet |
|--------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 5.410.2.6                                        | Commissioning Report                                                        | Type and/or system shall be developed and shall include items listed in Section 5.410.2.6.1.<br>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 representative.<br>Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 5.410.2.6.2.<br>Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include, as applicable to the project, the systems listed in Section 5.410.2.6.1.<br>Perform testing and adjusting procedures in accordance with applicable standards on each system as determined by the enforcing agency.<br>5.410.4.3.1 HVAC balancing.<br>Before a new space-conditioning system serving a building or space is operated for normal use, balance in accordance with the procedures defined by national standards listed in Section 5.410.4.3.1, or as approved by the enforcing agency.<br>After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.<br>5.410.4.3.2 Operation and maintenance manual.<br>Provide the building owner with detailed operating and maintenance instructions and copies of guarantee/warranties for each system prior to final inspection.<br>5.410.4.3.1 Inspection and reports.<br>Include a copy of all inspection verifications and reports required by the enforcing agency. | N/A                             |
| 5.410.4                                          | Testing and Adjusting                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                             |
| <b>ENVIRONMENTAL QUALITY (Fireplaces)</b>        |                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |
| 5.503.1                                          | General                                                                     | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N/A                             |
| 5.503.1.1                                        | Woodstoves                                                                  | Woodstoves and pellet stoves shall comply with U.S. EPA Phase II emission limits where applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                             |
| <b>ENVIRONMENTAL QUALITY (Pollutant Control)</b> |                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                 |
| 5.504.1.3                                        | Temporary Ventilation                                                       | If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.1-1989, or an average efficiency of 30% based on ASHRAE 52.1-1989. Replace all filters immediately prior to occupancy, or, if building is occupied during alteration, at the conclusion of the alteration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N/A                             |
| 5.504.3                                          | Covering of Dust and Protection of Mechanical Equipment During Construction | At the time of rough installation and during storage on the construction site and until final completion of the building, coding and venting equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods suitable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SEE NOTE ON A3.0                |
| 5.504.4                                          | Finish Materials                                                            | Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.4.<br>Adhesives and sealants used on the project shall meet the requirements of the following:<br>1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable or SCQMD Rule 116B VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2.<br>2. Aerosol adhesives and smaller unit sizes of adhesives and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with state-wide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94020.<br>5.504.4.3.1 Aerosol paints and coatings.<br>Aerosol paints and coatings shall meet the Product-Weighted MIR limits for ROG in Section 94020(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances CCR, Title 17, Section 94020 et seq.<br>5.504.4.3.2 Verification.                                                                                                                                                                                                                                                                                                                                                                                                       | SEE NOTE ON A2.0, A2.1          |
| 5.504.4.3                                        | Paints and Coatings                                                         | Architectural paints and coatings shall comply with Table 5.504.4.3, unless more stringent limit applies.<br>5.504.4.3.1 Aerosol paints and coatings.<br>Aerosol paints and coatings shall meet the Product-Weighted MIR limits for ROG in Section 94020(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances CCR, Title 17, Section 94020 et seq.<br>5.504.4.3.2 Verification.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SEE NOTE ON A2.1                |

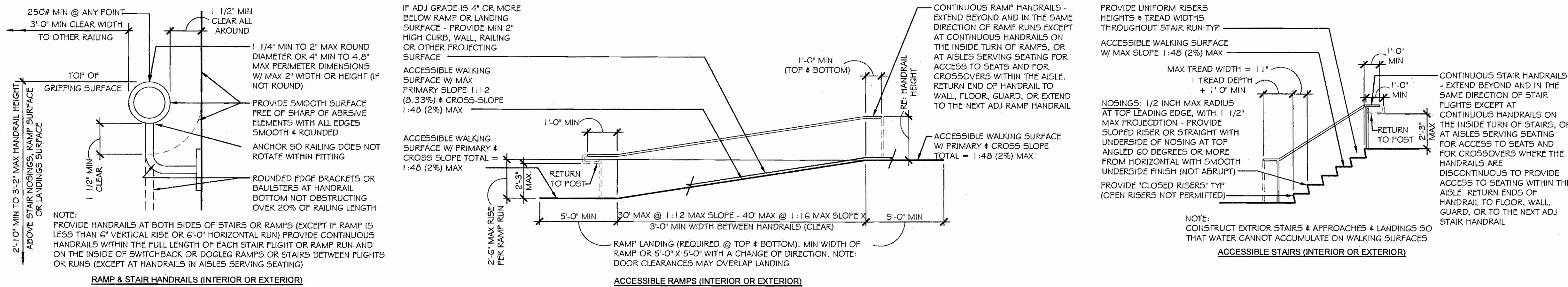
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## NONRESIDENTIAL MANDATORY MEASURES, effective Jan. 1, 2014 (continued)

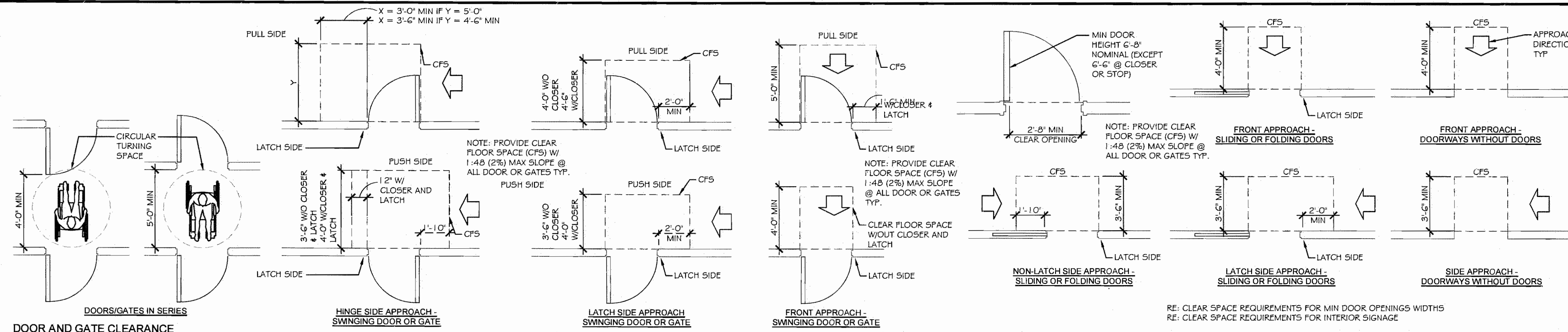
| SECTION                                              | CREDIT                                        | REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Measures provided on plan sheet |
|------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 5.506.2                                              | Carbon Dioxide (CO <sub>2</sub> ) 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 2013 California Energy Code (Section 121C4).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N/A                             |
| <b>ENVIRONMENTAL QUALITY (Environmental Comfort)</b> |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 |
| 5.507.4                                              | Acoustical Control                            | Employ building assemblies and components with STC values determined in accordance with ASTM E 90 and ASTM E 413 or OTD determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                             |
| 5.507.4.1                                            | Prescriptive Method                           | Wall and floor-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 OTD rating of no less than 40, with exterior windows of a minimum STC of 40 or OTD of 30 in the following locations:<br>1. Within the 65 CNEL or L <sub>dn</sub> noise contour of an airport.<br>2. Within the 65 CNEL or L <sub>dn</sub> noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.<br>5.507.4.1.1 Noise exposures where noise contours are not readily available.<br>Buildings exposed to a noise level of 65 dB L <sub>dn</sub> or higher 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 OTD 30), with exterior windows of a minimum STC of 40 (or OTD 30).<br>5.507.4.2.1 Site features.<br>Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.<br>5.507.4.2.2 Documentation of compliance.<br>An acoustical analysis documenting compliance with interior sound levels shall be prepared by personnel approved by the architect or engineer of record.<br>5.507.4.3 Interior sound transmission.<br>Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.            | N/A                             |
| 5.507.4.2                                            | Performance Method                            | For buildings located as defined in Sections AS 507.4.1 or AS 507.4.1.1, wall and roof-ceiling assemblies 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 (L <sub>eq</sub> 1hr) of 50 dBA in occupied areas during any hour of operation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N/A                             |
| <b>ENVIRONMENTAL QUALITY (Outdoor Air Quality)</b>   |                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 |
| 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.<br>5.508.1.1 Chlorofluorocarbons (CFCs).<br>Install HVAC, refrigeration and fire suppression equipment that do not contain HCFC.<br>5.508.1.2 Halons.<br>Install HVAC, refrigeration and fire suppression equipment that do not contain halon.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N/A                             |
| 5.508.2                                              | Supermarket Refrigerant Leak Reduction        | New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 5,000 sqft or more conditioned area, and that contain either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or 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 facility and the replacement of existing refrigeration systems in existing facilities.<br>Exception: Refrigeration systems containing low-global-warming potential (low-GWP) refrigerants 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.<br>Fully compliant with the California Mechanical Code shall be installed to be accessible for leak detection and repairs. Piping runs using threaded pipe, copper tubing with outside diameter (OD) less than 1/2", flared tubing connection and short radius elbows shall not be used in refrigeration systems except as noted below.<br>5.508.2.1.1 Threaded pipe.<br>Threaded connections are permitted at the compressor rack.<br>5.508.2.1.2 Copper pipe.<br>Copper tubing with OD less than 1/2" may be used in systems with a refrigerant charge of 5 pounds or less.<br>5.508.2.1.2.1 Anchorage.<br>1/2" OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils. | N/A                             |
| 5.508.2.1                                            | Refrigerant Piping                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N/A                             |

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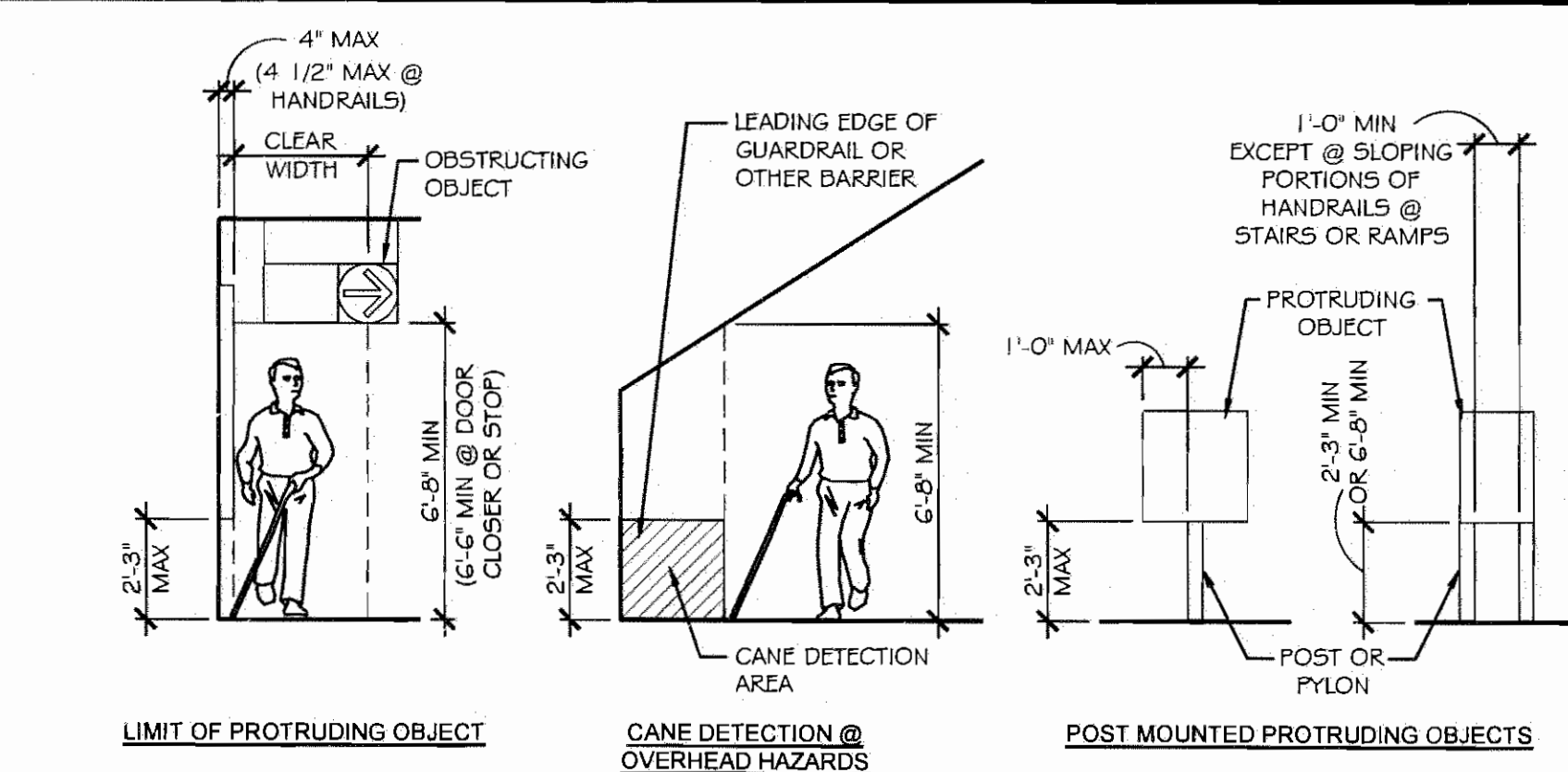




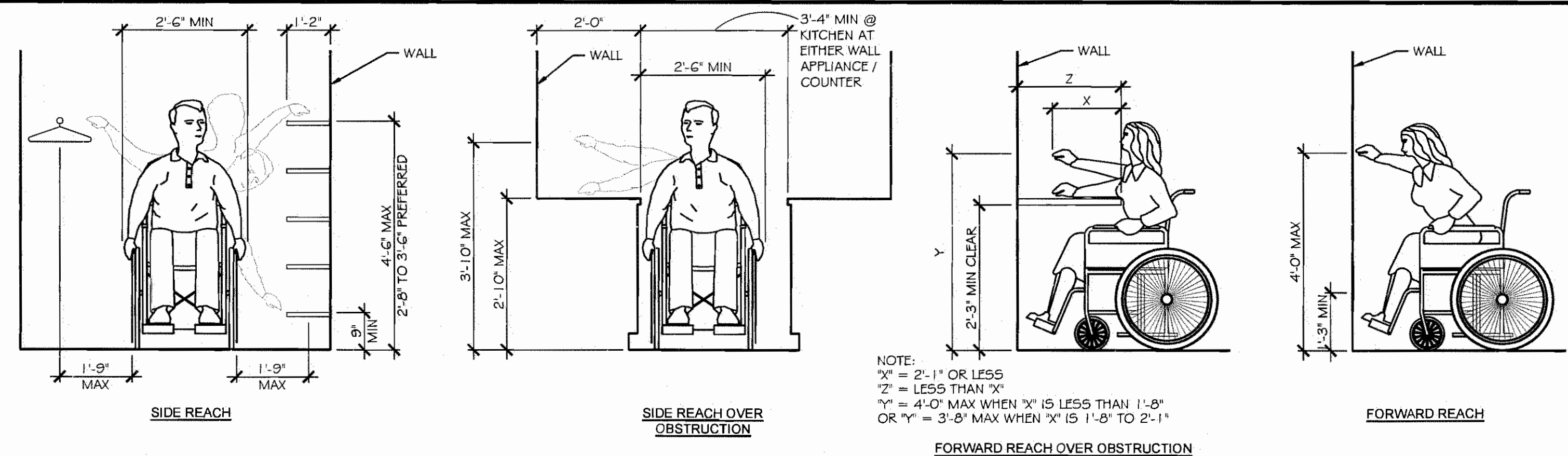
ACCESSIBLE STAIRS / RAMPS & HANDRAIL DETAILS



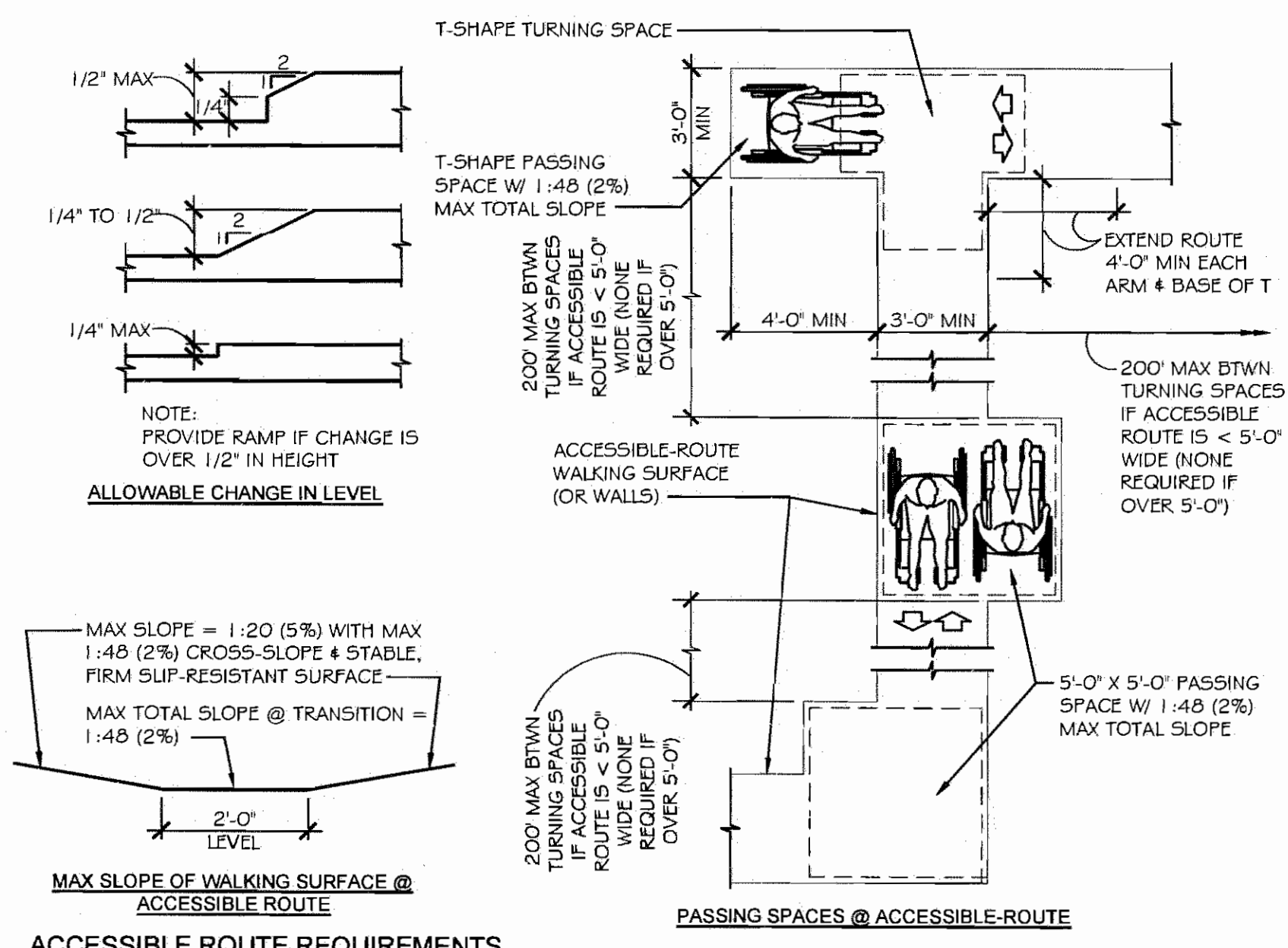
DOOR AND GATE CLEARANCE



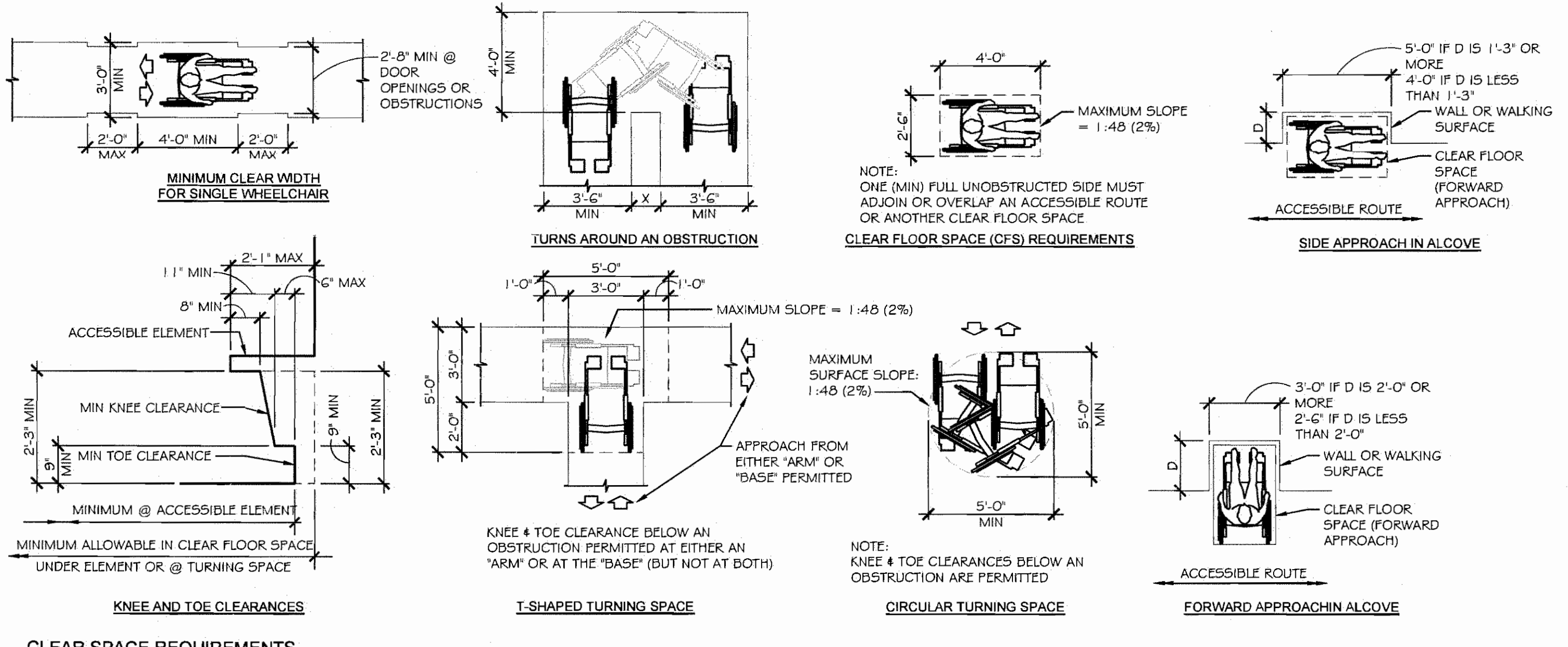
PROTRUDING OBJECTS



REACH RANGE



ACCESSIBLE ROUTE REQUIREMENTS



CLEAR SPACE REQUIREMENTS

ACCESSIBILITY GENERAL NOTES

THE INFORMATION ON THESE ACCESSIBILITY DRAWINGS IS PROVIDED AS A GUIDE TO THE CONTRACTOR & TO ANY OTHER ENTITIES INSTALLING BUILDING EQUIPMENT OR FIXTURES. THESE DRAWINGS ARE ABBREVIATED & DO NOT INDICATE ALL CONDITIONS THAT MAY BE ENCOUNTERED. THEY DO NOT INCLUDE ALL REQUIREMENTS OF EITHER THE ADA OR ICGANSI AT 17.1 IN THEIR ENTIRETY.

THE AMERICANS W/ DISABILITIES ACT (ADA) IS A CIVIL-RIGHTS LAW (NOT A BUILDING CODE) & IS THEREFORE NOT NECESSARILY ENFORCEABLE BY AUTHORITIES HAVING JURISDICTION. EXCEPT IN SERVICE USES W/ THEIR OWN ACCESSIBILITY REQUIREMENTS (INCLUDING BUT NOT LIMITED TO CALIFORNIA, TEXAS & ILLINOIS), THE ACCESSIBILITY REQUIREMENTS OF ICGANSI AT 17.1 ARE TYPICALLY REQUIRED THROUGH THE BUILDING CODE.

COMPLY W/ REQUIREMENTS OF THE AMERICANS W/ DISABILITIES ACT (ADA) EVEN IF NOT REQUIRED BY BUILDING CODES, REGULATIONS OR ORDINANCES (ADA IS A FEDERAL LAW), & AS INDICATED ON THESE DRAWINGS.

**ACCESSIBLE ROUTE:** PROVIDE AN ACCESSIBLE ROUTE CONNECTING ALL ACCESSIBLE SPACES & ELEMENTS, INCLUDING WALKING SURFACES, RAMPS & CURB-RAMPS (EXCLUDING THE FLARED SIDES), DOORS & DOORWAYS, AND/OR ELEVATORS & PLATFORM LIFTS. AN ACCESSIBLE ROUTE MAY BE LOCATED AT EXTERIOR WALKS, AISLES, HALLS, CORRIDORS, SKYWALKS OR TUNNELS.

**ACCESSIBLE WALKING SURFACES:** PROVIDE STABLE, FIRM, & SLIP-RESISTANT SURFACE FINISHES W/ SURFACE OPENINGS (GRATINGS) NOT TO PERMIT PASSAGE OF A 1/2" DIAMETER SPHERE - W/ LONGEST DIMENSION PERPENDICULAR TO DIRECTION OF TRAVEL.

MINIMUM WHEELCHAIR TURNING SPACE CAN INCLUDE ALLOWABLE FIXTURE KNEE & TOE CLEARANCES UNO. DOOR SWINGS ARE PERMITTED TO OVERLAP TURNING SPACE UNO.

**ACCESSIBLE BUILDING ENTRANCES:** PROVIDE 60% (MIN) OF ALL PUBLIC BUILDING ENTRANCES (EXCLUDING THOSE FOR LOADING OR SERVICE USE) ACCESSIBLE FROM: ACCESSIBLE PARKING, A PUBLIC TRANSPORTATION STOP, OR FROM A PASSENGER LOADING ZONE (AS APPLICABLE) W/OUT STEPS OR ABRUPT CHANGES IN LEVEL.

PROVIDE ONE (1 - MIN) ACCESSIBLE BUILDING ENTRANCE AT THE GROUND FLOOR LEVEL & ONE (1 - MIN) ACCESSIBLE ENTRANCE TO EACH PROPOSED TENANT SPACE IN A MULTIPLE-TENANT BUILDING.

PROVIDE ACCESSIBLE ENTRANCE AT SERVICE OR LOADING ENTRIES (NOT INTENDED FOR ENTRANCE BY THE PUBLIC) IF THAT IS THE ONLY ENTRANCE TO A SPACE OR BUILDING.

**MULTI-LEVEL BUILDINGS:** PROVIDE ONE (1 - MIN) ACCESSIBLE ROUTE (INCLUDING AN ELEVATOR TO CONNECT EACH BUILDING LEVEL ABOVE OR BELOW ACCESSIBLE LEVELS INCLUDING MEZZANINES) UNLESS THE FLOOR-AREA IS LESS THAN 3,000 SF & DOES NOT INCLUDE FIVE (5) OR MORE MULTIPLE MERCANTILE (GROUP M) TENANTS, OR THE OFFICES OF HEALTH CARE PROVIDERS.

**OPERABLE PARTS:** ACCESSIBLE OPERABLE PARTS INCLUDE CONTROLS & OPERATING MECHANISMS (DOOR HARDWARE, WINDOW OPERATORS, DISPENSERS, LIGHT SWITCHES, CONVENIENCE OUTLETS, THERMOSTATS, ALARM CONTROLS, & SIMILAR ELEMENTS).

PROVIDE AN ACCESSIBLE CLEAR-FLOOR SPACE AT ALL OPERATIONAL PARTS.

**OPERATION:** BY USE OF ONE (1) HAND W/ A SINGLE EFFORT W/OUT TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST - W/ FIVE (5) POUNDS MAXIMUM OPERATIONAL FORCE - COMPLY W/ ALLOWABLE REACH RANGES FOR HEIGHT OF OPERABLE PARTS.

**ACCESSIBLE DOOR & GATE REQUIREMENTS:** REVOLVING DOORS OR GATES ARE NOT ACCESSIBLE. SECURITY & MAINTENANCE DOORS (INCLUDING SERVICE ACCESS DOORS) DO NOT NEED TO COMPLY W/ ACCESSIBILITY REQUIREMENTS.

**DOUBLE-LEAF DOORS OR GATES:** ONLY ONE LEAF (MIN) MUST COMPLY W/ ACCESSIBILITY REQUIREMENTS.

**RECESSED DOORS:** PROVIDE FORWARD APPROACH CLEARANCE W/ ANY OBSTRUCTION WITH 18 INCH OF LATCH SIDE OF DOORWAY PROJECTING MORE THAN 8 INCHES BEYOND THE FACE OF DOOR MEASURED PERPENDICULAR TO FACE OF DOOR.

**DOOR SURFACES:** PROVIDE SMOOTH SURFACE WITH TEN (10) INCH AFF ON PUSH-SIDE EXTENDING FULL WIDTH W/ MAX 1/16 INCH BETWEEN SURFACE PLANE & ANY PARTS (KICKPLATE). CAP CAVITIES FORMED BY KICKPLATES EXCEPT AT SLIDING DOORS, TEMPERED GLASS DOORS W/OUT SIDE STILES W/ A BOTTOM RAIL W/ ITS TOP EDGE SLOPED 60 DEGREES FROM HORIZONTAL OR MORE, OR AT DOORS NOT EXTENDING TO 10 INCHES AFF.

**SIDELITES OR VISION LITES:** AT DOORS & SIDELITES ADJACENT TO DOORS W/ ONE OR MORE GLAZING PANELS PERMITTING VIEWING, PROVIDE BOTTOM EDGE OF AT LEAST ONE PANEL ON EITHER THE DOOR OR THE ADJACENT SIDELITE AT 43 INCHES MAXIMUM AFF, EXCEPT AT VISION LITES (ONLY) W/ THE LOWEST PART MORE THAN 66 INCHES AFF.

**ACCESSIBLE DOOR & GATE HARDWARE:** PROVIDE ACCESSIBLE HARDWARE W/ AN EASY-TO-GRASP SHAPE COMPLYING W/ OPERABLE PARTS REQUIREMENTS (LEVERS PUSH/PULLS, OR PANIC DEVICES ARE ACCEPTABLE), MOUNTED BETWEEN 2'-10" & 4'-0" AFF, W/ MAX PROJECTION (INTO REQUIRED MIN CLEARANCES) OF 4 INCH BTWN 34-80 INCH AFF.

**SLIDING DOOR/GATE HARDWARE:** OPERABLE PARTS MUST BE EXPOSED & USABLE FROM BOTH SIDES WHEN DOOR IS FULLY OPEN.

**DOOR/GATE CLOSERS:** ADJUST UNITS TO PROVIDE FIVE (5) SECOND (MIN) TIME TO MOVE DOOR/GATE FROM 90-DEGREE OPEN-POSITION TO 12-DEGREE OPEN-POSITION.

**DOOR/GATE SPRING-HINGES:** ADJUST TO PROVIDE 1-1/2 SECOND MINIMUM TIME TO MOVE DOOR/GATE FROM 70-DEGREE OPEN-POSITION TO CLOSED-POSITION.

**OPENING-FORCE OF CLOSERS OR SPRING-HINGES:** 5.0 LBS MAX @ INTERIOR HINGED, SLIDING OR FOLDING DOORS OR GATES (NOT APPLICABLE TO LATCH-BOLT RETRACTION FORCE & NOT APPLICABLE TO OPENING FORCE AT FIRE-DOORS - TO BE AS REQD BY AHJ).

**AUTOMATIC DOORS OR GATES:** REFERENCED STANDARDS: COMPLY W/ ANSI/BHMA A156.10, & FOR POWER-ASSIST & LOW-ENERGY DOORS, COMPLY W/ ANSI/BHMA A156.19 (UNLESS DOORS OR GATES ARE DESIGNED TO BE OPERATED ONLY BY SECURITY PERSONNEL).

COMPLY W/ ACCESSIBLE CLEAR-FLOOR SPACE, THRESHOLD / FLOOR-SURFACE, & DOORS-IN-SERIES REQUIREMENTS.

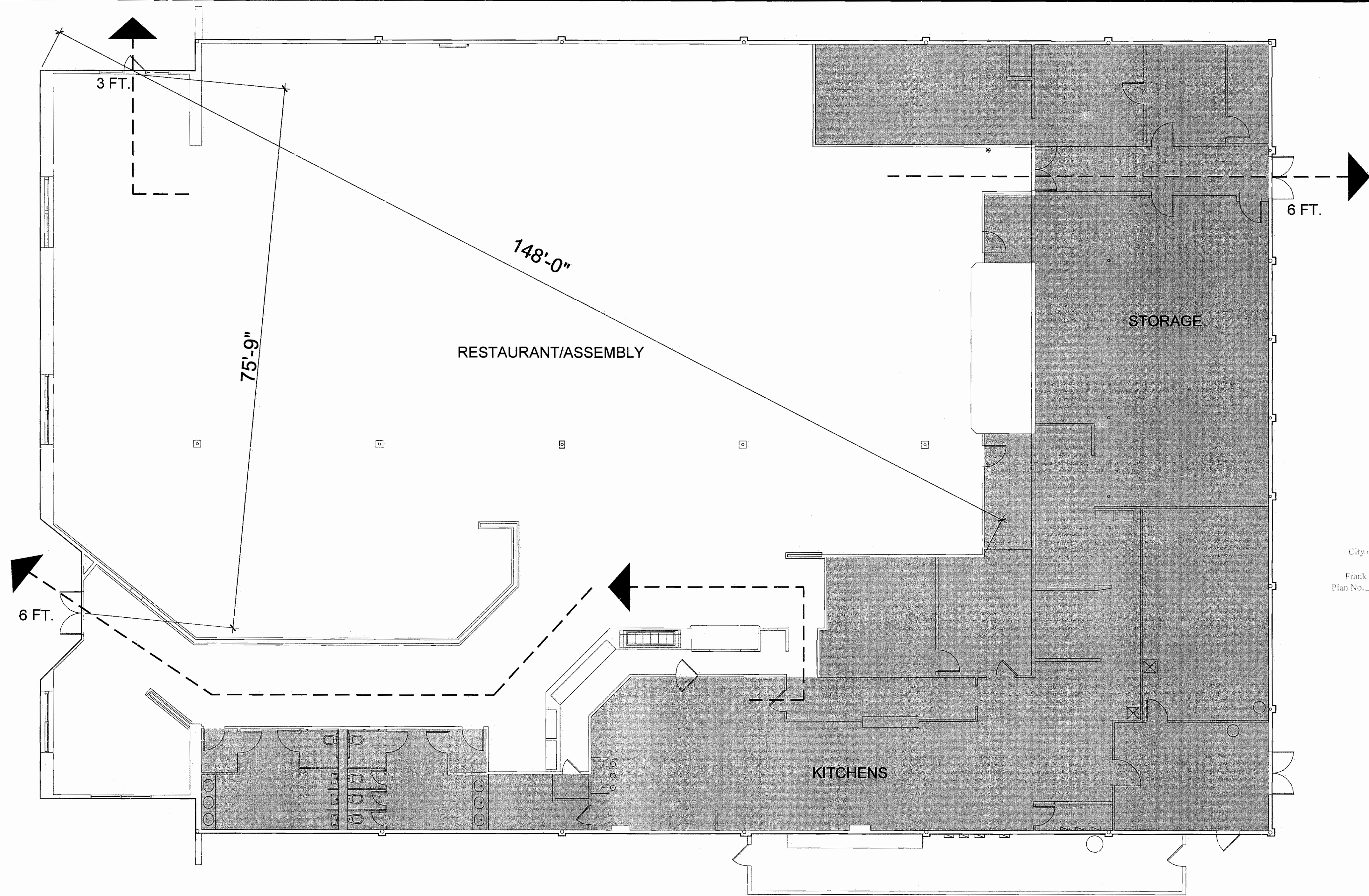
**MANUAL CONTROLS:** COMPLY W/ 'OPERABLE PARTS' REQMTS W/ THE CLEAR FLOOR SPACE ADJACENT TO THE CONTROL SWITCH LOCATED BEYOND THE DOOR/GATE SWING.

**ACCESSIBLE WINDOWS:** PROVIDE OPERATIONAL PARTS LOCATED PER 'OPERABLE PARTS' REQMTS W/ MIN ACCESSIBLE CLEAR-FLOOR SPACE ADJACENT TO THE WINDOW.

**SPECIAL ACCESS (PLATFORM) LIFTS (INTERIOR OR EXTERIOR):** COMPLY W/ ASME A17.1 SAFETY CODE FOR ELEVATORS & ESCALATORS, SECTION XX (W/ ACCESSIBLE KEY-CONTROLS IF LIFT TRAVEL AREA IS NOT ENCLOSED) & AS FOLLOWS:  
MAXIMUM TRAVEL HEIGHT: 60 INCHES  
MINIMUM CAPACITY: 400 POUNDS  
MINIMUM PLATFORM SIZE: 30 X 48 INCH  
MAXIMUM SPEED: 20 FPM



|                       |             |
|-----------------------|-------------|
| PROJ. NO.             | 14923       |
| DRAWN                 | SW/CIC      |
| CHECKED               |             |
| ISSUED/REVISED        | DATE        |
| DESIGN REVIEW         | 04/15/15    |
| PERMIT/PRICING        | 05/08/15    |
| REVISION              | 01 07/15/15 |
| REVISION              | 02 07/29/15 |
| CONSTRUCTION          | -/-/-       |
| REVISION              | -/-/-       |
| REVISION              | -/-/-       |
| DRAWING TITLE         |             |
| GENERAL ACCESSIBILITY |             |



APPROVED  
City of San Jose, Building Division  
Building  
Frank Cozzitorio, PE (408) 535-7665  
Plan No. \_\_\_\_\_ Date: \_\_\_\_\_

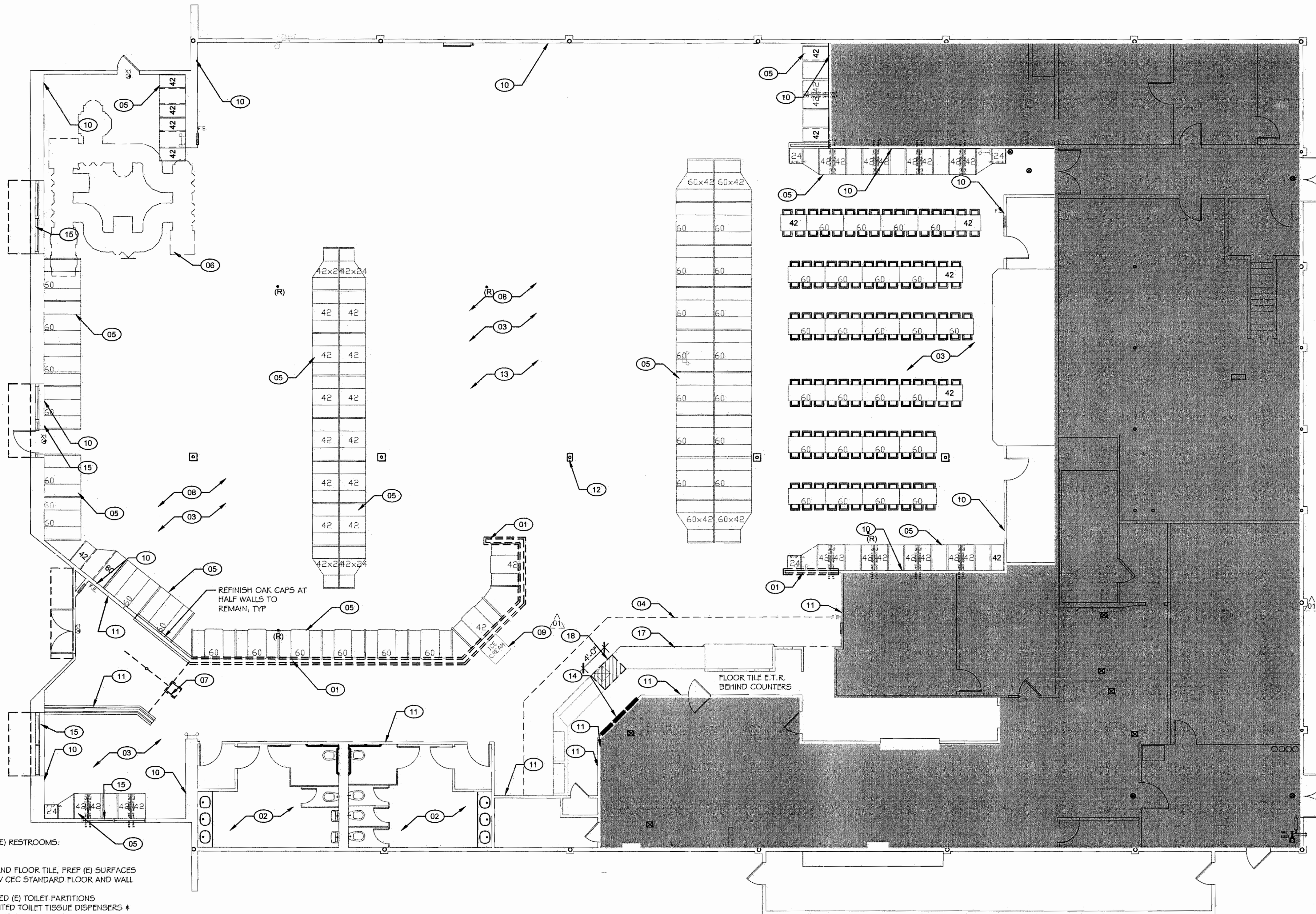
NOTE: ALL  
DOOR  
HARDWARE IS  
EXISTING TO  
REMAIN

| EXITING ANALYSIS     |                                          |                 |                             |                |               |                     |                     |
|----------------------|------------------------------------------|-----------------|-----------------------------|----------------|---------------|---------------------|---------------------|
| ROOM NUMBER          | USE                                      | OCCUPANCY GROUP | OCCUPANT LOAD FACTOR        | SQUARE FOOTAGE | OCCUPANT LOAD | REQUIRED EXIT WIDTH | EXIT WIDTH PROVIDED |
| RESTAURANT/ ASSEMBLY | ASSEMBLY w/o FIXED SEATS GAMES AREA      | A3              | 7 NET                       | 4042 S.F.      | 577           | 115 IN              | 180 IN              |
| RESTAURANT/ ASSEMBLY | A2.1 RESTAURANT w/o FIXED SEATING        | A3              | 15 NET                      | 801 S.F.       | 53            | 11 IN               | 180 IN              |
| RESTAURANT/ ASSEMBLY | MERCANTILE ORDER/PRIZE COUNTER           | A3              | 30 GROSS                    | 159 S.F.       | 5             | 1 IN                | 72 IN               |
| KITCHEN              | KITCHENS                                 | F1              | 200 GROSS                   | 1250 S.F.      | 6             | 1 IN                | 72 IN               |
| RESTAURANT/ ASSEMBLY | A2.1 RESTAURANTS w/ FIXED SEATING BOOTHS | A3              | 1 PERSON PER 24" FOR BOOTHS |                | 245           | 49 IN               | 180 IN              |
| TOTAL                |                                          |                 |                             | 18348 S.F.     | 886           | -                   | -                   |

TOTAL EMPLOYEES

6





- PARTIAL DEMOLITION OF (E) RESTROOMS:
- REMOVE (E) VANITY
  - REMOVE ALL WALL AND FLOOR TILE, PREP (E) SURFACES AS REQD FOR NEW CEC STANDARD FLOOR AND WALL TILE FINISH
  - REUSE NON-DAMAGED (E) TOILET PARTITIONS
  - (E) PARTITION MOUNTED TOILET TISSUE DISPENSERS & SANITARY NAPKIN DISPOSAL ACCESSORIES TO BE REMOVED
  - REMOVE (E) LIGHTING - INSTALL NEW RECESSED LIGHT FIXTURES IN GYP. CEILING

**01 DEMOLITION FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



0" 2' 4' 8' 16'  
SCALE: 1/8" = 1'-0"

**DEMOLITION FLOOR KEY NOTES** EXAMPLE: D1.1.24 = 24

- D1.1.01 REMOVAL OF HALF WALLS: EXISTING HALF WALLS SHALL BE REMOVED IN THEIR ENTIRETY, AS INDICATED. ALL WALL FINISHES, PAINT AND WAINSCOT AFFECTED BY REMOVAL OF THE HALF WALLS RAMPERS & PLATFORMS ARE TO BE PATCHED AND REPAIRED TO MATCH NEW FINISHES. PATCH AND REPAIR CONCRETE SLAB AS REQUIRED TO ENSURE A LEVEL SURFACE.
- D1.1.02 RESTROOM: IN BOTH THE EXISTING MEN'S AND WOMEN'S RESTROOMS, REMOVE ALL FIXTURES, ACCESSORIES, MILLWORK, WALL AND FLOOR FINISHES. INSTALL NEW FIXTURES AND FINISHES. SEE SHEETS A1.0, A2.0, A2.1. EXISTING PARTITIONS, WCS AND URINALS TO REMAIN IF IN GOOD WORKING ORDER.
- D1.1.03 CARPET REMOVAL: ALL EXISTING CARPET FLOORING TO BE REMOVED. PATCH AND REPAIR EXISTING SLAB AS REQUIRED TO PREP FOR INSTALLATION OF NEW ELECTRICAL GAME OUTLETS AND FLAT WIRE SYSTEM AND ENSURE A LEVEL FLOOR SURFACE PRIOR TO NEW CARPET INSTALLATION. RE: DWG. A2.0 FOR NEW CARPET SPECIFICATIONS.
- D1.1.04 TILE FLOORING REMOVAL: REMOVE EXISTING FLOOR TILE AND BASE IN RESTROOMS AND AT SERVICE COUNTERS. RE: DWG. A2.0 FOR NEW FLOOR TILE LAYOUT AND SPECIFICATIONS.
- D1.1.05 EXISTING FURNITURE: DO NOT DISPOSE OF ANY EXISTING FURNITURE. EXISTING FURNITURE SHALL REMAIN, RECONFIGURE PER A9.0 AND COORDINATE WITH CEC PROJECT MANAGER.
- D1.1.06 (E) SKYCRAWL: (E) SKYCRAWL TO BE REMOVED. REFER TO CEC GAMES LAYOUT.
- D1.1.07 KID CHECK: REMOVE EXISTING KID CHECK STAND AND RELOCATE EXISTING STANCHION PIPING AND ROPES AS DIRECTED BY CEC PROJECT MANAGER. INSTALL NEW KID CHECK STAND. SEE A1.0.
- D1.1.08 DECOR: REMOVE (E) DECOR AND PROTECT FOR REINSTALLATION - VERIFY PLACEMENT OF NEW AND RE-USED DECOR WITH CEC. SEE SHEET A9.1. COORDINATE WITH CEC PROJECT MANAGER PRIOR TO ANY DISPOSAL OF EXISTING DECOR.
- D1.1.09 VENDING ICE CREAM MACHINE: THE EXISTING ICE CREAM MACHINE TO BE RELOCATED. REFER TO DWG. A9.0 - FURNISHINGS PLAN FOR NEW LOCATION.
- D1.1.10 MARLITE TO REMAIN: PROTECT EXISTING MARLITE WAINSCOT DURING CONSTRUCTION. PATCH / REPAIR AS REQUIRED IF DAMAGED. (E) GYP. B.D. WALLS TO BE REFINISHED TO 'ORANGE PEEL' TEXTURE.
- D1.1.11 MARLITE - REMOVE: REMOVE APPROXIMATELY 30% OF EXISTING MARLITE WAINSCOT AND ASSOCIATED WALL FINISHES AS REQUIRED FOR NEW FINISH WORK.
- D1.1.12 (E) COLUMNS: REMOVE (E) FURRING AT COLUMNS INDICATED FOR NEW FLAT WIRE TRANSITION BOX INSTALLATION. SEE A1.0 FOR NEW FURRING DETAILS.
- D1.1.13 FLOOR OUTLETS: REMOVE ALL FLOOR OUTLET AND INSTALL NEW FLAT WIRE POWER SYSTEM. SEE SHEET A1.1.
- D1.1.14 (E) MENU BOARDS: REMOVE (E) MENU BOARDS AND PATCH WALL FINISHES TO MATCH EXISTING. INSTALL NEW MENU BOARDS. SEE SHEET A9.1.
- D1.1.15 WINDOW SILLS: (E) WOOD WINDOW SILLS TO BE REFINISHED, TYP. STAIN 'CHERRY.' SEE SPECS ON SHEET A2.1.
- D1.1.17 CABINETS: \*\* PROVIDE ALTERNATE PRICING FOR REMOVAL OF EXISTING FRONT LINE COUNTERS AND INSTALLATION OF NEW BULLET LEG CABINETS. INCLUDE ALL REQUIRED FLOOR AND WALL FINISHES AS WELL AS ANY ELECTRICAL AND PLUMBING REQUIRED.
- D1.1.18 ACCESSIBLE COUNTER AREA: REMOVE A PORTION OF THE EXISTING POS COUNTER FOR LOWER COUNTER HEIGHT WHICH MEETS ACCESSIBILITY REQUIREMENTS OF THE CBC. SEE A1.0.

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**DEMOLITION LEGEND**

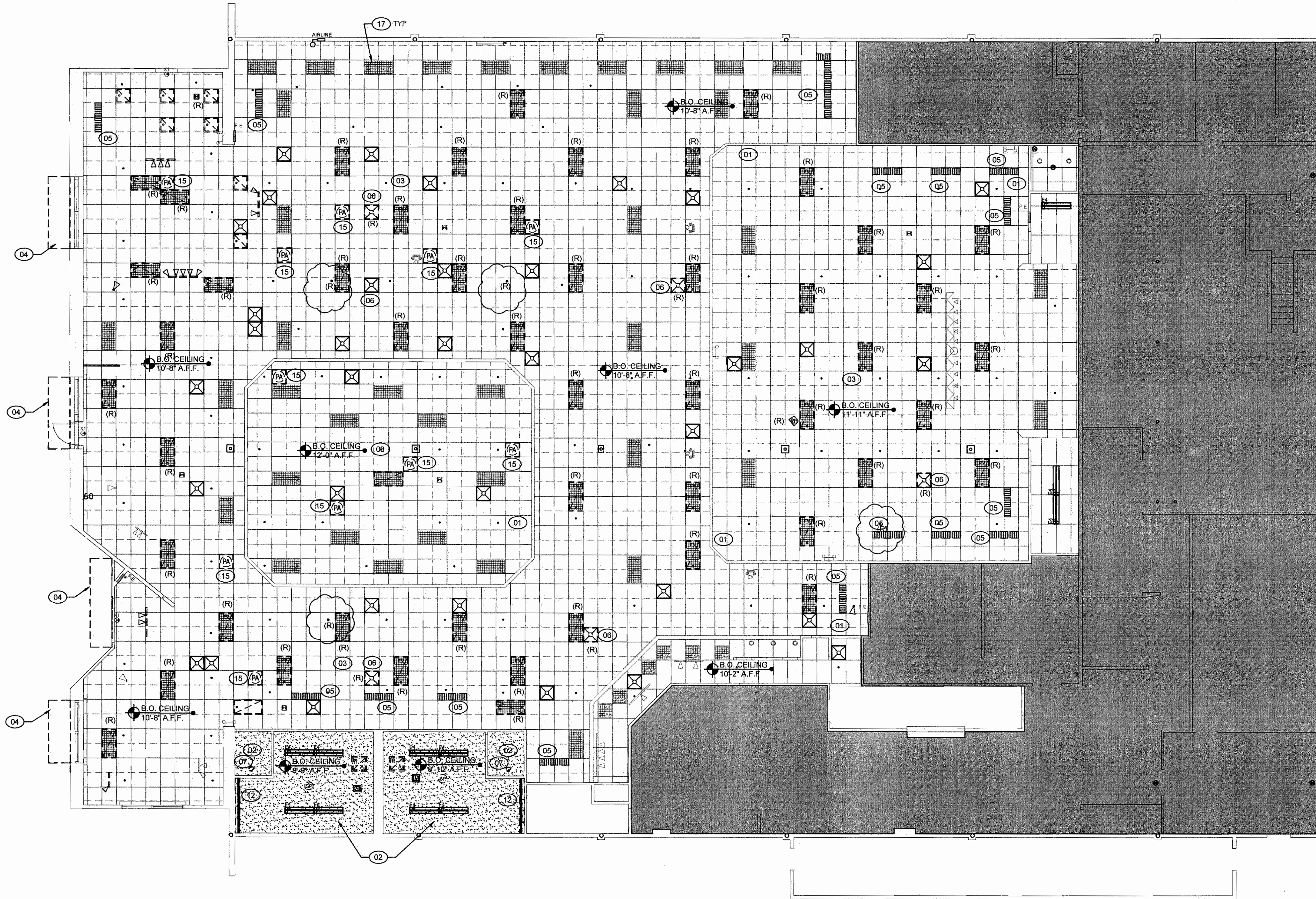
SHADING INDICATES EXISTING AREAS TO REMAIN AND NOT TO BE AFFECTED BY NEW CONSTRUCTION.

**GENERAL NOTES**

- BOLD GRAPHICS INDICATE EXISTING ITEMS TO BE REMOVED OR RELOCATED; LIGHT GRAPHICS INDICATE EXISTING ITEMS TO REMAIN.
- WHERE FIRE ALARM DEVICES ARE TO BE RELOCATED DUE TO NEW CONSTRUCTION, G.C. TO COORDINATE WITH LOCAL FIRE AUTHORITY ON SPECIFIC REQUIREMENTS FOR RELOCATION.
- ALL DAMAGE TO (E) AREAS TO REMAIN SHALL BE REPAIRED AND/OR PATCHED TO PROVIDE A SEAMLESS, LIKE NEW APPEARANCE IN SURFACE FINISH.
- G.C. TO COORDINATE WITH THE LANDLORD / DEVELOPER TO DETERMINE WHAT ITEMS THAT WILL BE REMOVED SHALL BE SALVAGED FOR LANDLORD'S REUSE OR DISPOSED OF PROPERLY. G.C. SHALL COORDINATE WITH LANDLORD ON STORAGE OF ITEMS THAT WILL BE SALVAGED.
- LARGE TREE AT THE RIGHT REAR SIDE OF THE BUILDING IS CRACKING THE ASPHALT - GC TO INVESTIGATE REPAIRS.



|                |                       |
|----------------|-----------------------|
| PROJ. NO.      | 14923                 |
| DRAWN          | BAO                   |
| CHECKED        | SWIC                  |
| ISSUED/REVISED | DATE                  |
| DESIGN REVIEW  | 04/15/15              |
| PERMIT/PRICING | 05/08/15              |
| REVISION       | 01 07/15/15           |
| REVISION       | 02 07/28/15           |
| CONSTRUCTION   | -/-                   |
| REVISION       | -/-                   |
| REVISION       | -/-                   |
| DRAWING TITLE  | DEMOLITION FLOOR PLAN |



01 DEMOLITION CEILING PLAN 14  
SCALE: 1/8" = 1'-0"



0" 2' 4' 8' 16'  
SCALE: 1/8" = 1'-0"

## DEMOLITION KEY NOTES

EXAMPLE: D1.1.24 = (24)

D1.2.01 EXISTING HEADER: EXISTING CEILING HEADER TO REMAIN.

D1.2.02 REMOVE DRYWALL CEILING: REMOVE EXISTING DRYWALL CEILING SYSTEM AND ASSOCIATED SUPPORT SYSTEM. REMOVE ALL ASSOCIATED LIGHT FIXTURES, DIFFUSERS, RETURN AIR GRILLES, SPEAKERS AND ALL OTHER CEILING MOUNTED EQUIPMENT.

D1.2.03 CEILING TO REMAIN: AREA OF EXISTING CEILING TILE AND GRID TO REMAIN. THE CONTRACTOR IS TO INSPECT AND REPAIR GRID AS REQUIRED AND REPLACE ALL STAINED OR DAMAGED CEILING TILE WITH NEW HAZE FINE FISSURE CEILING TILE.

D1.1.04 EXISTING AWNINGS: REMOVE (E) EXTERIOR AWNINGS AND PATCH WALL FINISHES TO MATCH EXISTING.

D1.1.05 REMOVE (E) WALL-WASHERS: EXISTING WALL WASHER LIGHT FIXTURES SHALL BE REMOVED.

D1.1.06 RELO (E) HVAC: EXISTING HVAC DEVICE TO BE RELOCATED, SEE A3.0 FOR NEW LOCATIONS.

D1.2.07 CAN LIGHT REMOVAL: EXISTING CAN LIGHTS SHALL BE REMOVED.

D1.2.12 REMOVE BOX LIGHT: REMOVE EXISTING LAMINATE LIGHT VALANCE IN EACH RESTROOM AND PROVIDE NEW LP-22 VANITY LIGHT. SEE NEW REFLECTED CEILING PLAN, DWG. A3.0.

D1.2.14 ROOF LEAKS: THERE HAVE BEEN SEVERAL ROOF LEAKS OBSERVED IN THE EXISTING BUILDING. COORDINATE REPAIRS WITH CEC PROJECT MANAGER PRIOR TO INSTALLING NEW CEILING SYSTEM. CONTRACTOR TO PERFORM TESTING TO DETERMINE LOCATION OF ANY LEAKS AND PROVIDE PLAN OF ACTION TO CEC FOR APPROVAL.

D1.2.15 EXISTING SPEAKERS: EXISTING CEILING MOUNTED SPEAKERS SHALL BE REMOVED. INSTALL NEW 'ATLAS' SPEAKERS.

D1.2.17 REMOVE EXISTING TROFFER LIGHTING: EXISTING TROFFER LIGHTING TO BE RELOCATED AND SUPPLEMENTED - REFER TO DWG. A3.0 FOR NEW CONFIGURATION.

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## GENERAL NOTES

- BOLD GRAPHICS INDICATE EXISTING ITEMS TO BE REMOVED; LIGHT GRAPHICS INDICATE EXISTING ITEMS TO REMAIN.
- WHERE FIRE ALARM DEVICES ARE TO BE RELOCATED DUE TO NEW CONSTRUCTION, G.C. TO COORDINATE WITH LOCAL FIRE AUTHORITY ON SPECIFIC REQUIREMENTS FOR RELOCATION.
- ALL DAMAGE TO (E) AREAS TO REMAIN SHALL BE REPAIRED AND/OR PATCHED TO PROVIDE A SEAMLESS, LIKE NEW APPEARANCE IN SURFACE FINISH.
- G.C. TO COORDINATE WITH THE LANDLORD / DEVELOPER TO DETERMINE WHAT ITEMS THAT WILL BE REMOVED SHALL BE SALVAGED FOR LANDLORD'S REUSE OR DISPOSED OF PROPERLY. G.C. SHALL COORDINATE WITH LANDLORD ON STORAGE OF ITEMS THAT WILL BE SALVAGED.

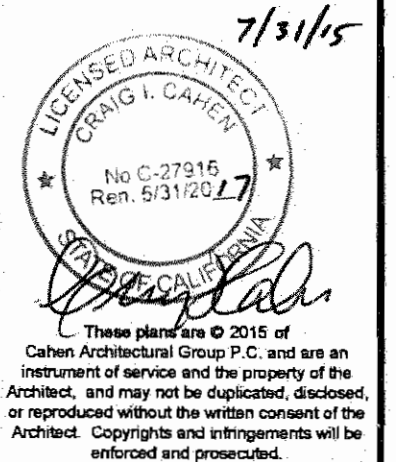
## DEMOLITION LEGEND

|                                                   |                                                                                         |
|---------------------------------------------------|-----------------------------------------------------------------------------------------|
| HATCHING INDICATES: EXISTING AREAS TO BE REMOVED. | SHADING INDICATES: EXISTING AREAS TO REMAIN AND NOT TO BE AFFECTED BY NEW CONSTRUCTION. |
| EXISTING OUTLETS TO BE REMOVED                    | LOCATION OF EXISTING FURNITURE, RE DWG. A3.0 FOR NEW & RELOCATED FURNITURE.             |
| EXISTING/RELOCATED WALL PAK - WALL MOUNT          | REMOVED CAN LIGHT                                                                       |
| EXISTING/RELOCATED THERMOSTAT                     | REMOVED PENDANT LIGHT                                                                   |
| REMOVED/RELOCATED HVAC.                           | TRACK TO BE REMOVED/RELOCATED                                                           |
| REMOVED/RELOCATED SKY CRAWL POWER                 | REMOVED/RELOCATED TROFFER                                                               |
| EXISTING/RELOCATED EMERGENCY EXIT                 | REMOVED TELEVISION (INCLUDING MOUNTING BRACKETS)                                        |
| REMOVED/RELOCATED SMOKE DETECTOR                  | REMOVED KID CHECK BLACKLIGHT                                                            |
| EXISTING/RELOCATED EMERGENCY WALL PAK - CEILING   |                                                                                         |
| EXISTING/RELOCATED FIRE SPRINKLER                 |                                                                                         |

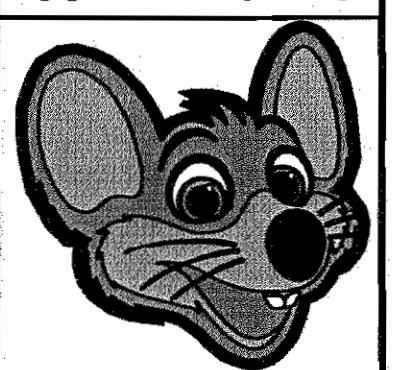
NOTE: SEE NEW REFLECTED CEILING PLAN, DWG. A3.0 FOR NEW LOCATION FOR RELOCATED FIXTURES, TYPICAL.



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|                         |             |
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| DRAWN                   | BAO         |
| CHECKED                 | SWCIC       |
| ISSUED/REVISED          | DATE        |
| DESIGN REVIEW           | 04/15/15    |
| PERMIT/PRICING          | 05/08/15    |
| REVISION                | 01/07/15/15 |
| REVISION                | 02/07/28/15 |
| CONSTRUCTION            | -/-/-       |
| REVISION                | -/-/-       |
| REVISION                | -/-/-       |
| DRAWING TITLE           |             |
| DEMOLITION CEILING PLAN |             |

D1.2

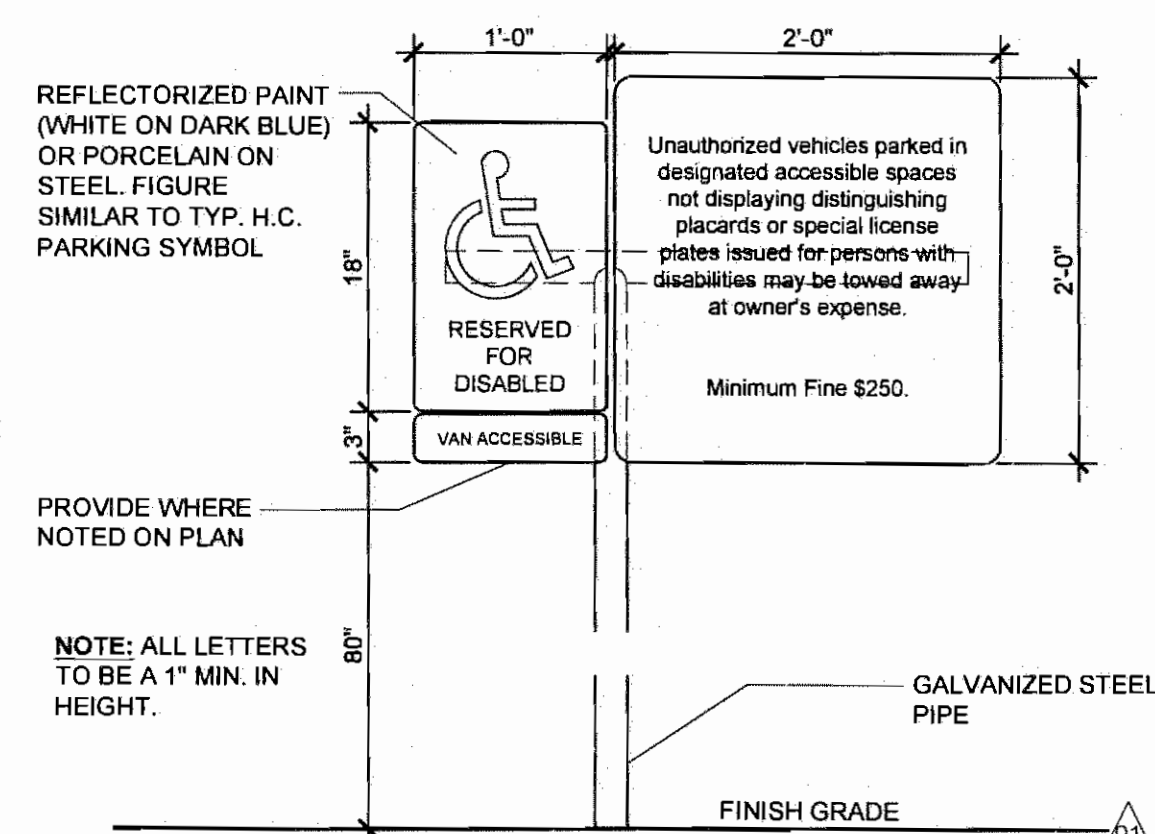
REV PERMIT SET - 07/29/15

STANWOOD DRIVE

EXISTING  
ADJACENT RETAIL

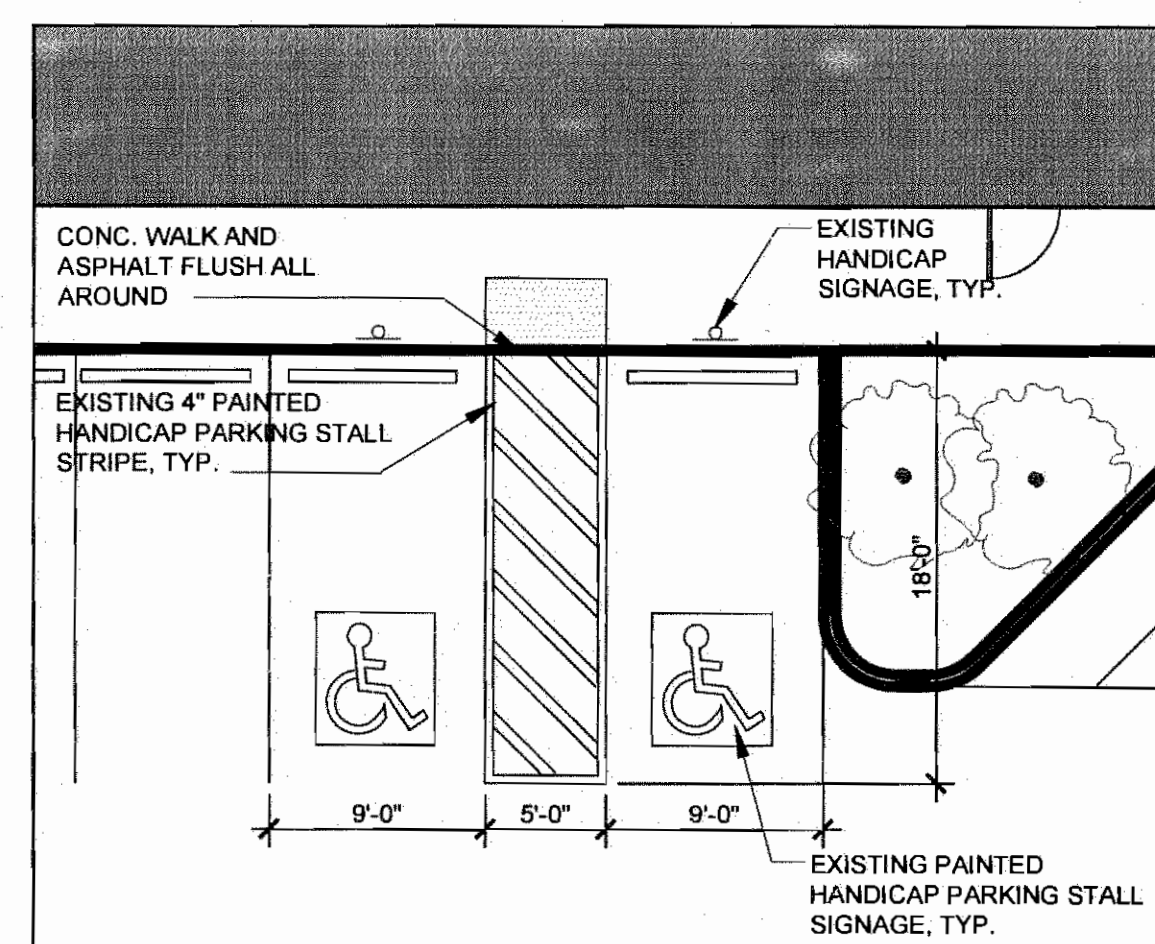
CHUCK E CHEESE  
BUILDING  
18,348 SQ. FT.

KOOSER ROAD



19 TYP. PARKING STALL ACCESSIBILITY SIGNAGE

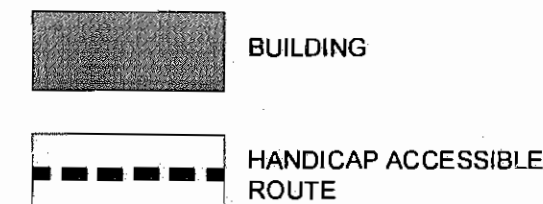
RE: 01/A0.1 SCALE: N.T.S.



20 ENLARGED PARKING DETAIL

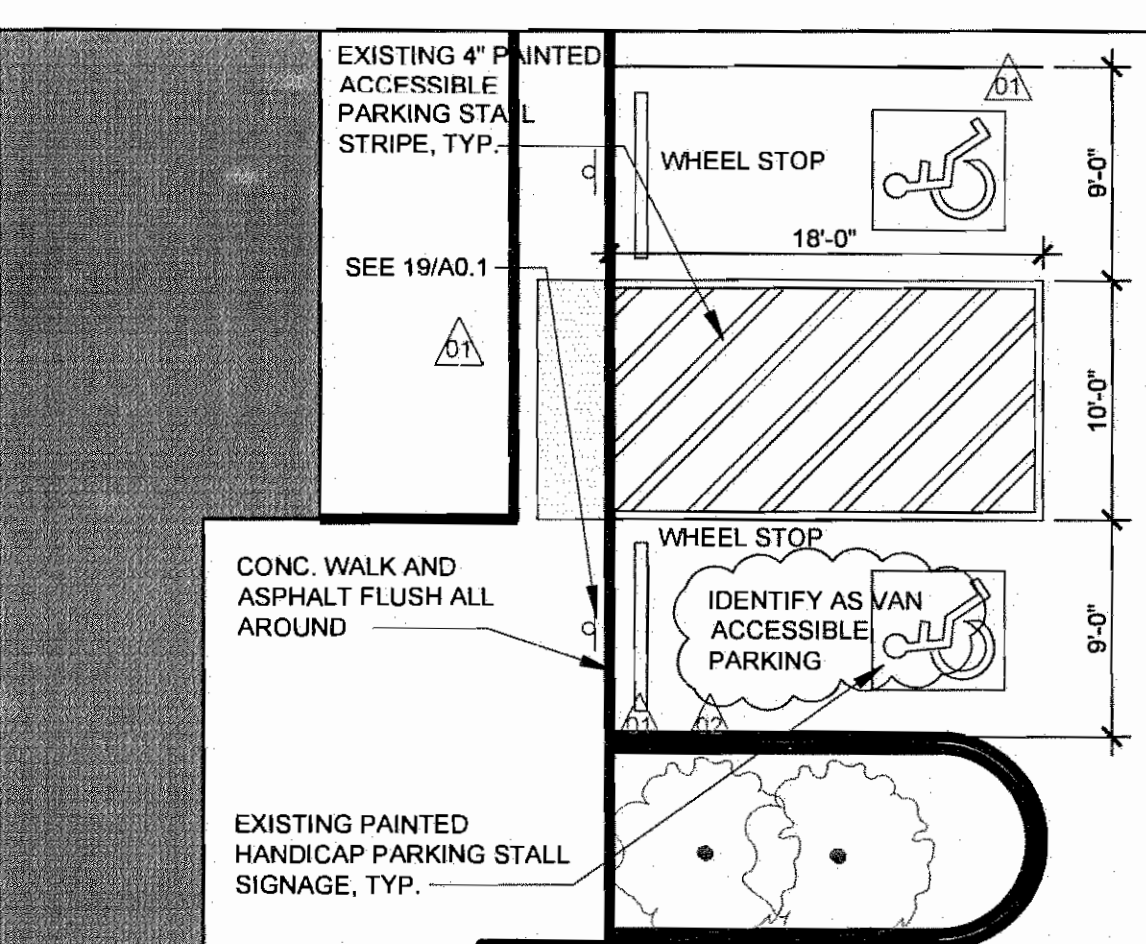
RE: 01/A0.1 SCALE: 1/8"=1'-0"

LEGEND



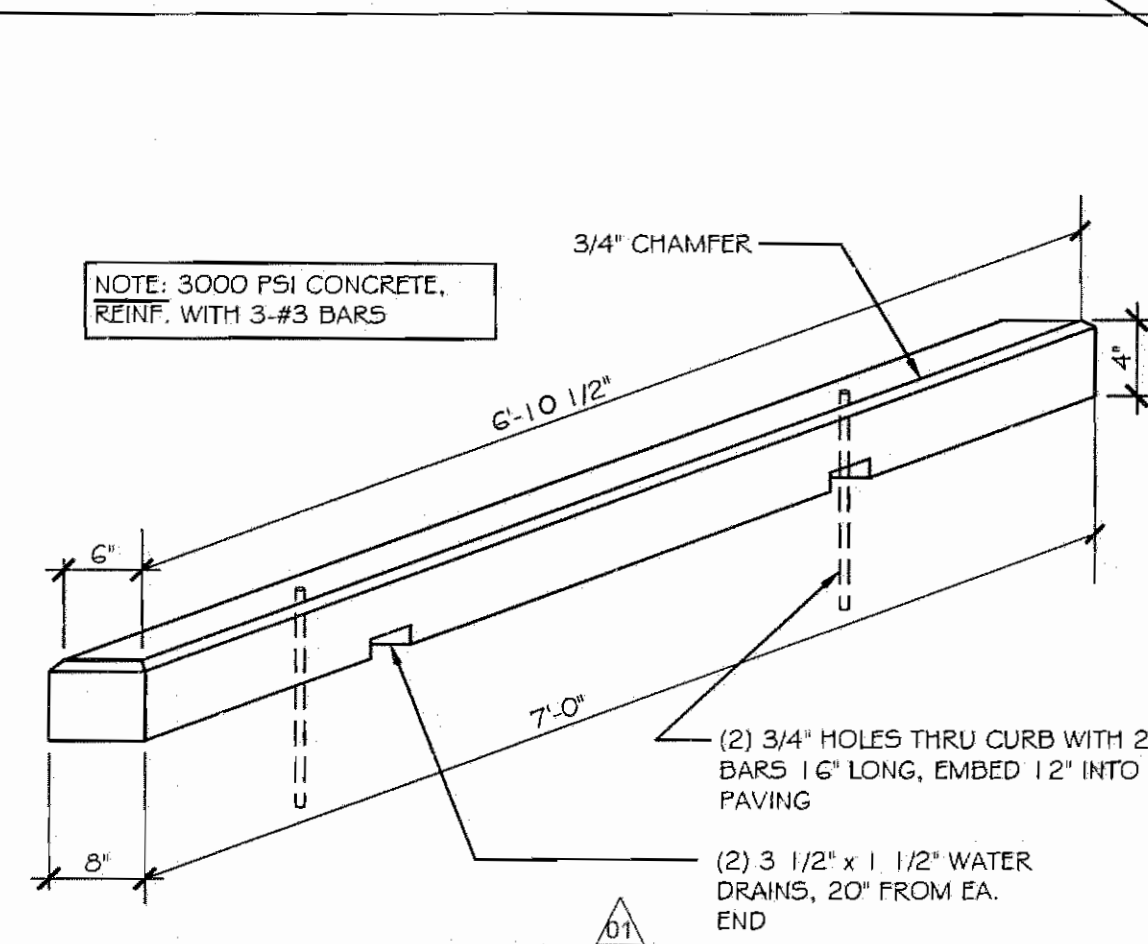
01 EXISTING PARTIAL SITE PLAN

SCALE: 1"=10'



16 ENLARGED PARKING DETAIL

RE: 01/A0.1 SCALE: 1/8"=1'-0"



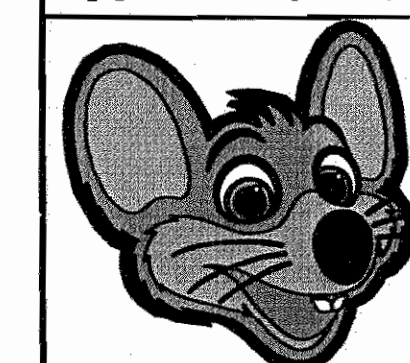
12 WHEEL STOP DETAIL

RE: 01/A0.1 SCALE: N.T.S.

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(E) WALK FLUSH WITH ASPHALT PAVEMENT - INSTALL TRUNCATED DOMES AT TRANSITION

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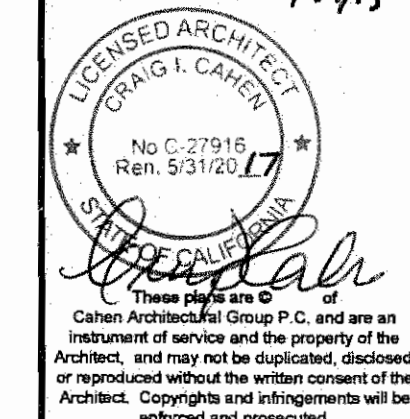


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| DRAWN          |                    |
| CHECKED        | SW/C               |
| ISSUED/REVISED | DATE               |
| DESIGN REVIEW  | 04/15/15           |
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| REVISION       | 01 07/15/15        |
| REVISION       | 02 07/28/15        |
| CONSTRUCTION   | -/-/-              |
| REVISION       | -/-/-              |
| REVISION       | -/-/-              |
| DRAWING TITLE  | EXISTING SITE PLAN |

A0.1

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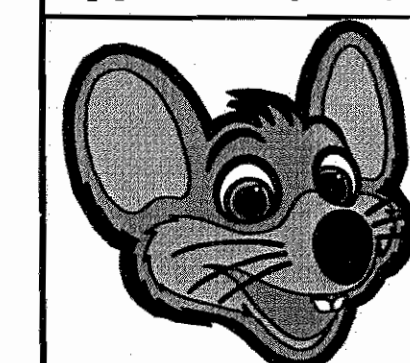
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(E) WALK FLUSH WITH ASPHALT PAVEMENT - INSTALL TRUNCATED DOMES AT TRANSITION

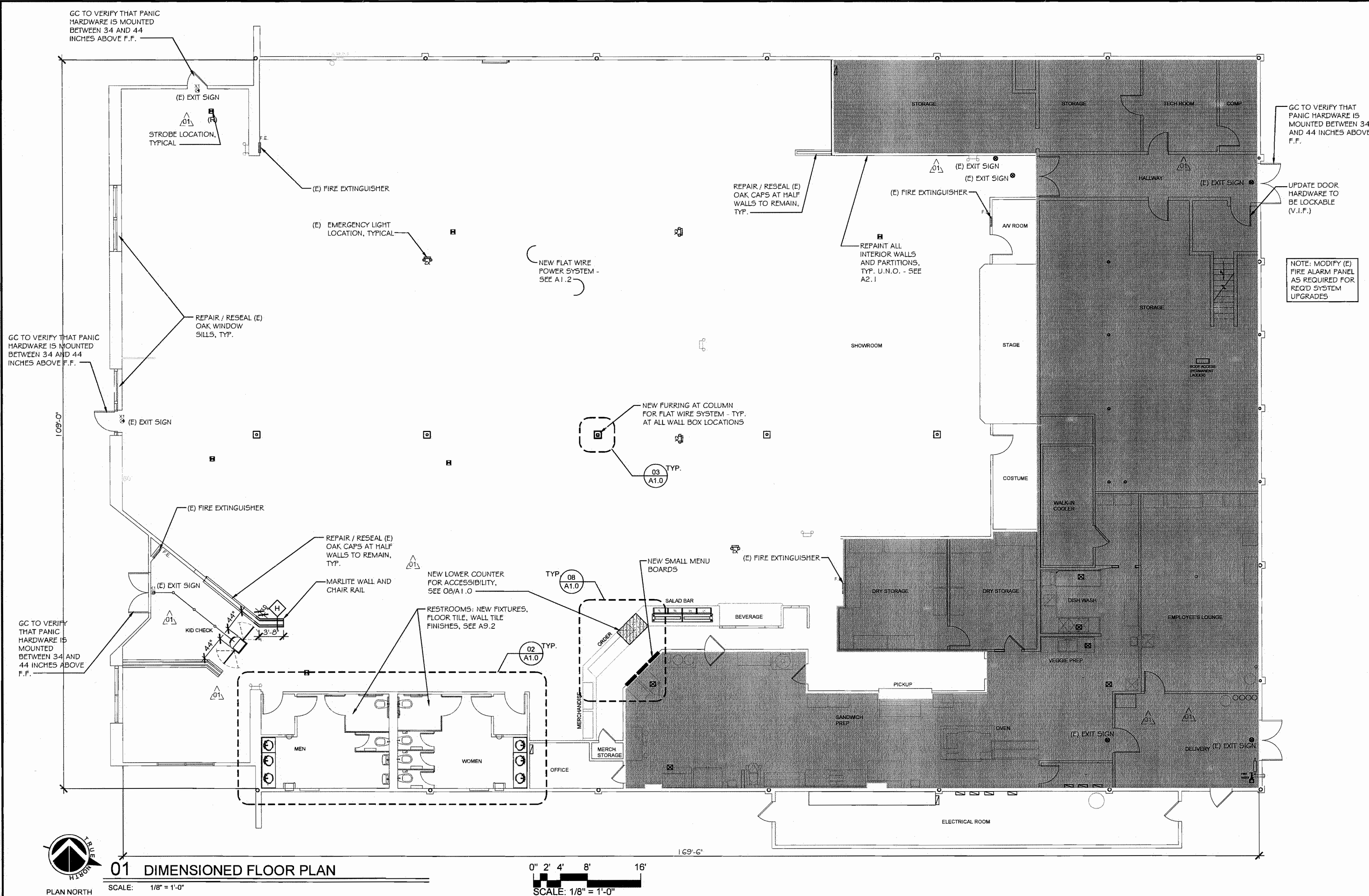
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| REVISION       | 01 07/15/15        |
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| CONSTRUCTION   | -/-/-              |
| REVISION       | -/-/-              |
| REVISION       | -/-/-              |
| DRAWING TITLE  | EXISTING SITE PLAN |

A0.1

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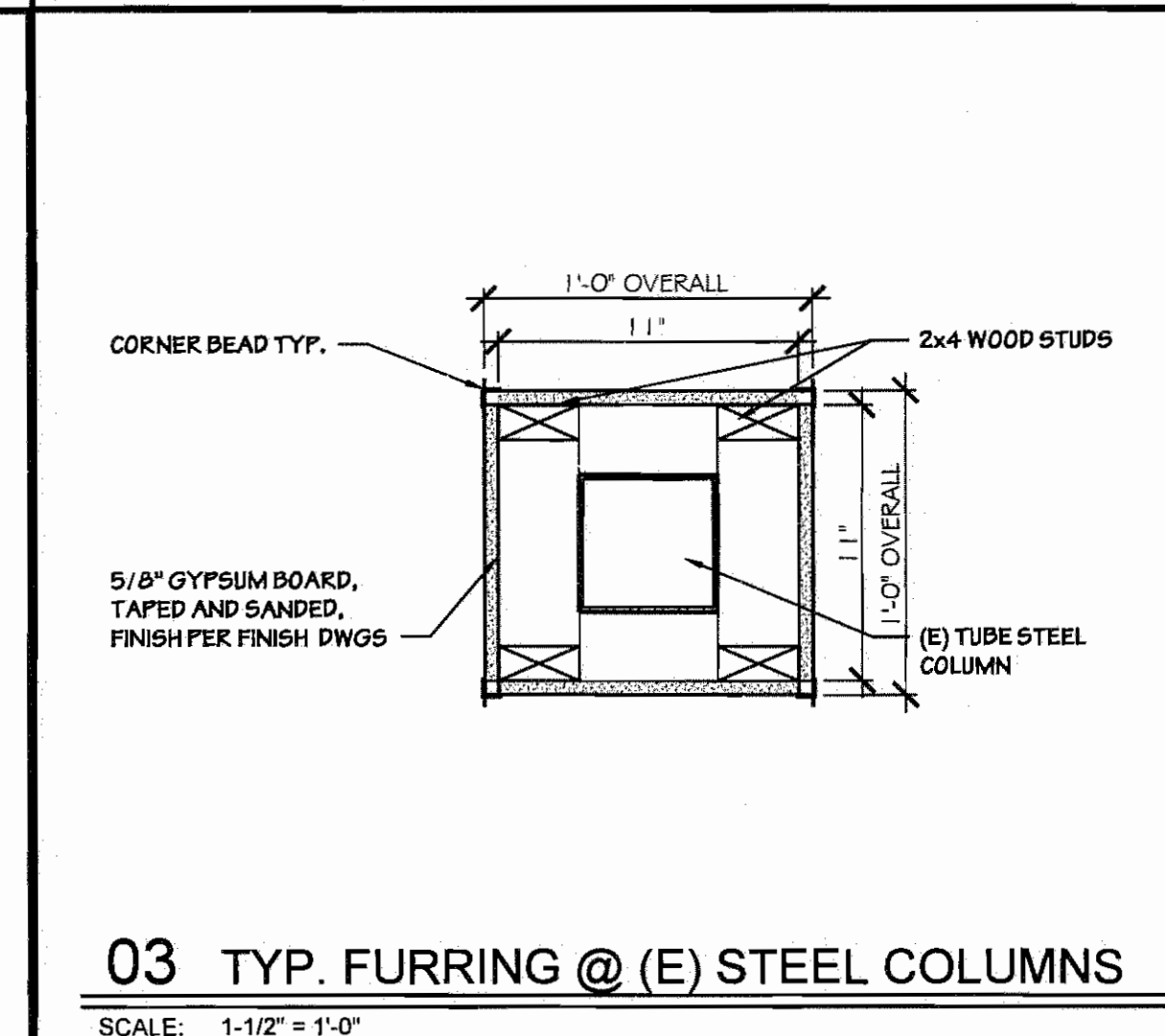
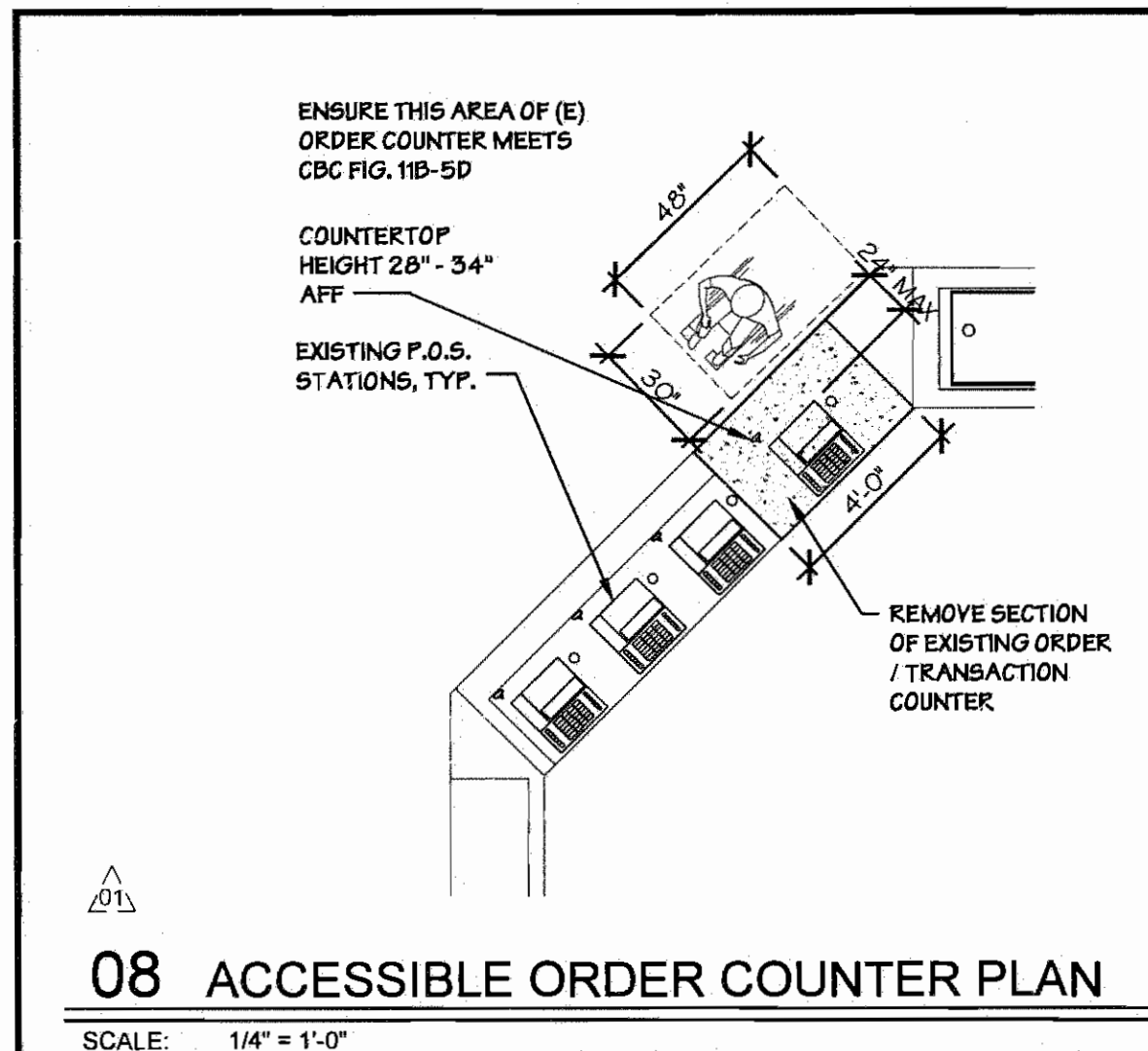
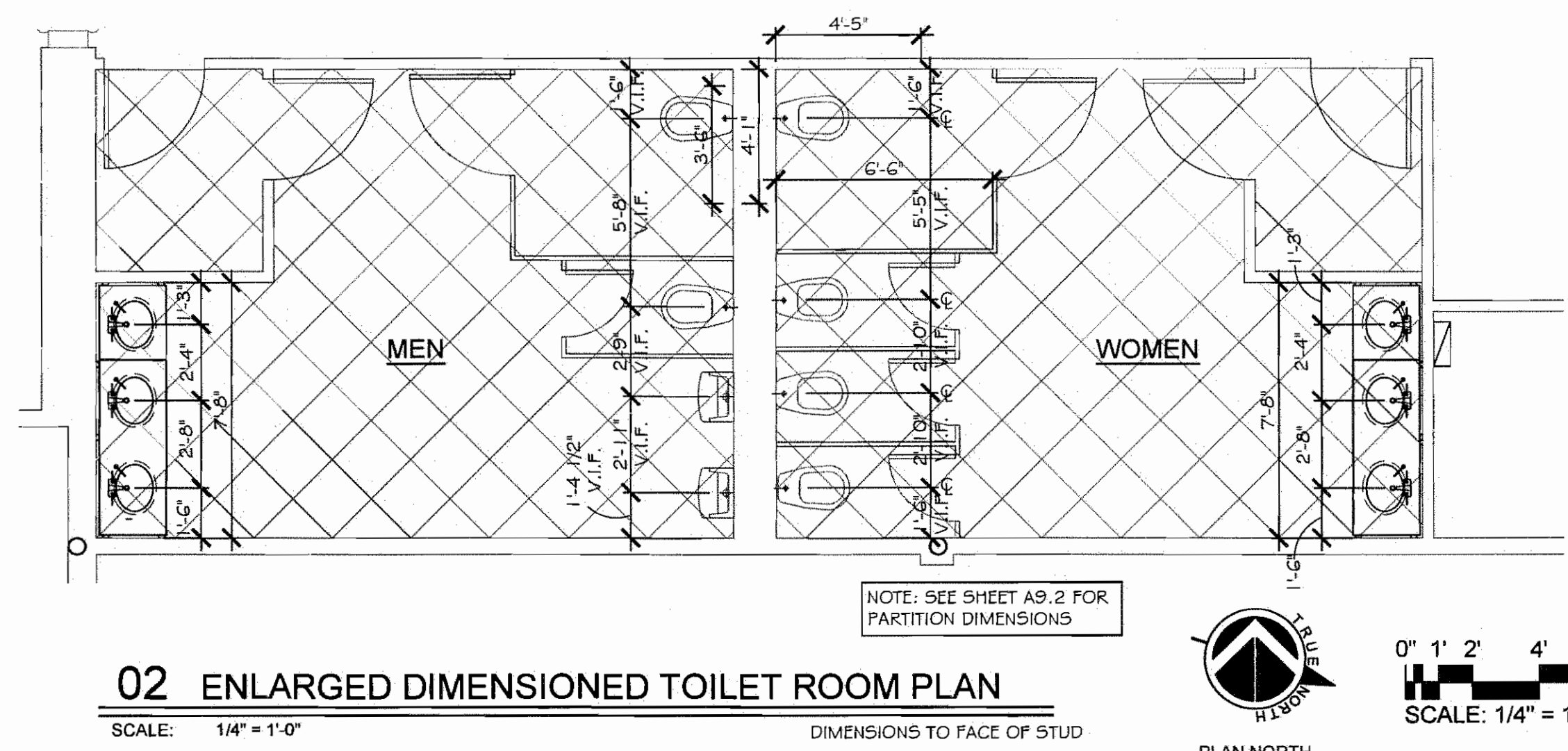
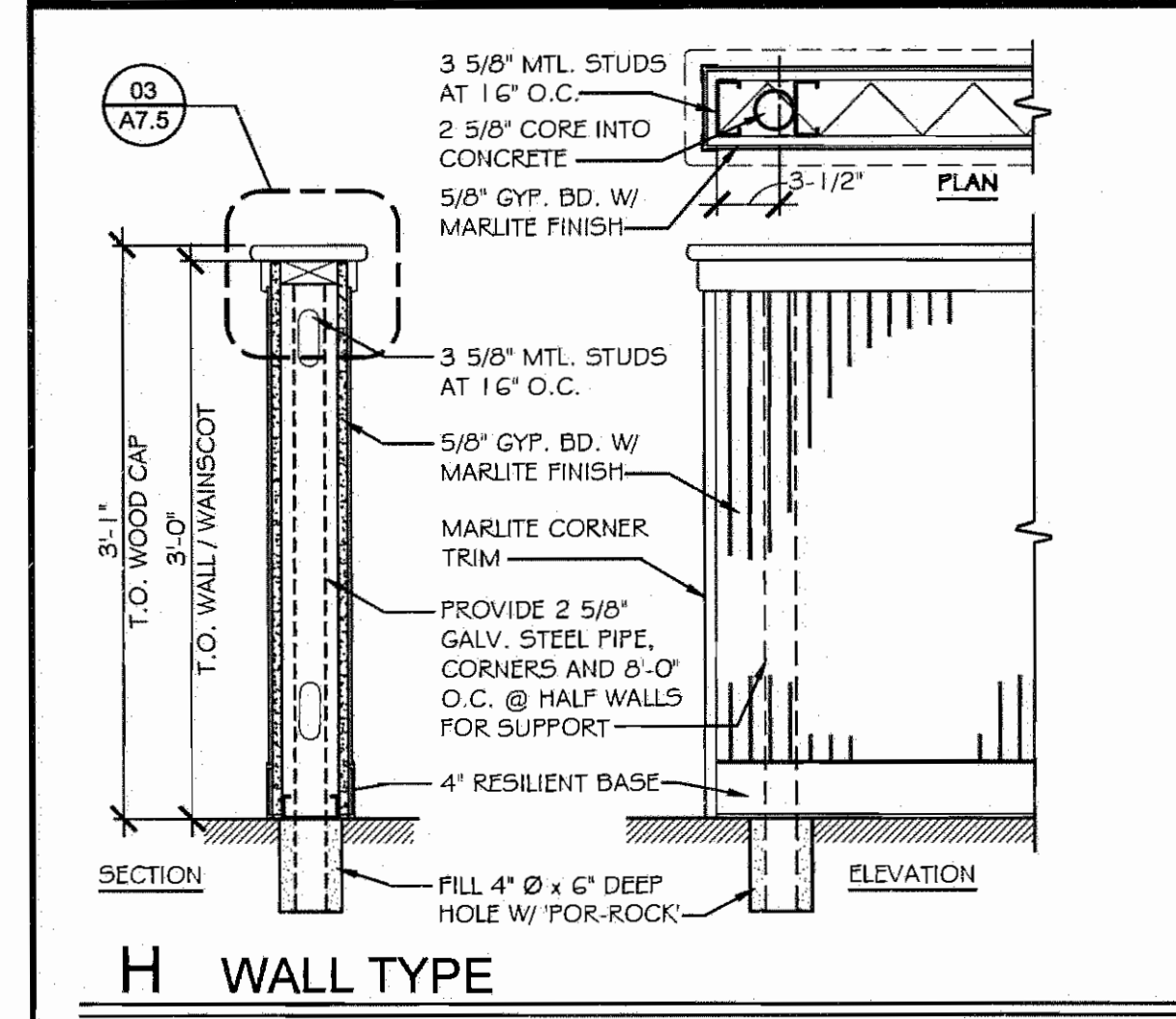


- ### FLOOR PLAN NOTES
1. EXTERIOR DIMENSIONS SHOWN TO EDGE OF SLAB OR FOUNDATION, ALL OTHER DIMENSIONS TO FACE OF STUD.
  2. ALL DIMENSIONS ARE TO FACE OF STUD, CONCRETE OR MASONRY FINISH UNLESS NOTED OTHERWISE. INTERIOR 'CLEAR' DIMENSIONS ARE FINISH DIMENSIONS, 'HOLD' DIMENSIONS ARE TO FACE OF STUDS.
  3. SECURITY SYSTEMS ARE TO BE PROVIDED AND INSTALLED BY OTHERS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OWNERS SECURITY SYSTEMS CONTRACTOR.
  4. ALL INTERIOR PARTITIONS ARE TO BE BUILT AS SHOWN ON A1.0 EXCEPT WHERE NOTED OTHERWISE.
  5. METAL STUDS ARE TO BE 20 GAUGE AT 16" O.C. UNLESS OTHERWISE NOTED.
  6. CONSTRUCT RATED PARTITIONS IN ACCORDANCE WITH REQUIREMENTS OF NOTED FIRE RATED DESIGN ASSEMBLIES.
  7. SET FLOOR TRACK ON CONTINUOUS BEADS OF ACOUSTICAL SEALANT ON BOTH SIDES.
  8. PROVIDE INSULATION IN WALLS AS INDICATED ON WALL TYPES.
  9. ALL GYPSUM BOARD TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. GYPSUM BOARD SHALL BE TAPED AND BEADED. PROVIDE FIRE TAPE AT FIRE RATED PARTITIONS. SEE SPECIFICATIONS.
  10. PROVIDE WOOD BLOCKING IN PARTITIONS AS REQUIRED. COORDINATE WITH THE OWNER ON ITEMS/FIXTURES AND EQUIPMENT INSTALLED BY THE OWNER THAT MAY REQUIRE BLOCKING.
  11. WALL SURFACES MUST BE CLEANED AND DUST FREE PRIOR TO CAULKING.
  12. ELECTRICAL BOXES SHALL NOT BE MOUNTED BACK TO BACK. BOXES SHALL BE SEALED TO GYPSUM BOARD WITH RESILIENT CAULK.
  13. CAULK CHAIR RAIL TO WALL USING CEC APPROVED COLORS. VERIFY W/ CEC PM PRIOR TO INSTALL.
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MAX. HEIGHT FOR INTERIOR WALLS

|     | 1 5/8" STUD | 2 1/2" STUD | 3 5/8" STUD | 4" STUD | 6" STUD |
|-----|-------------|-------------|-------------|---------|---------|
| GA. | 12          | 16          | 24          | 12      | 16      |
|     | 12          | 16          | 24          | 12      | 16      |
| 20  | 8'-5"       | 7'-7"       | 6'-8"       | 11'-7"  | 10'-7"  |
|     | 9'-2"       | 15'-6"      | 14'-1"      | 12'-4"  | 6'-10"  |
|     | 15'-2"      | 13'-4"      | 23'-2"      | 21'-1"  | 18'-5"  |

ON CENTER STUD SPACING



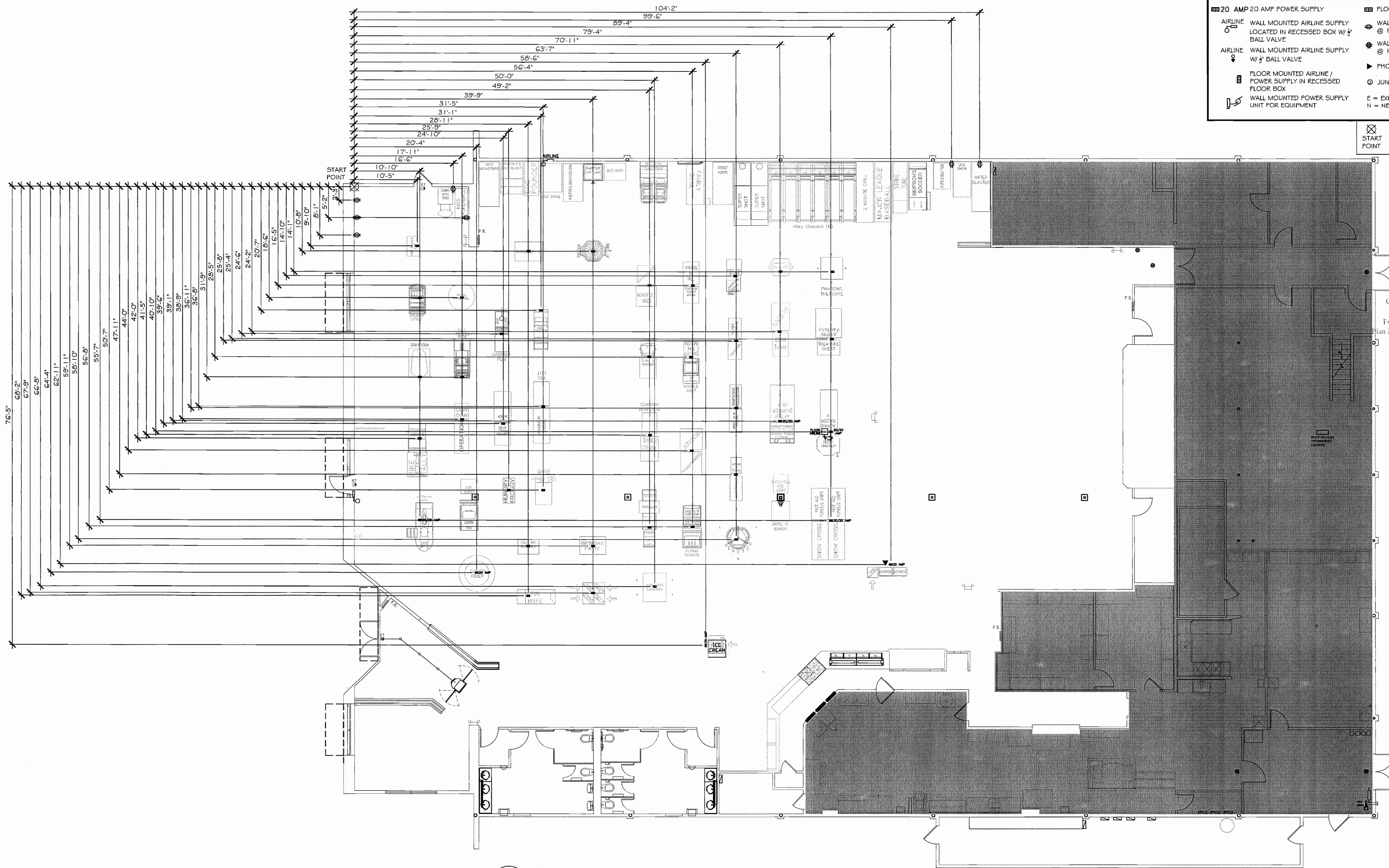
1078 South Allen Way  
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 (303) 745-0002  
**CAHEN ARCHITECTURAL GROUP P.C.**

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 DESIGN REVIEW • 04/15/15  
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 REVISION • 02 • 07/28/15  
 CONSTRUCTION • ---  
 REVISION • ---  
 REVISION • ---  
 DRAWING TITLE •

**A1.0**

REV PERMIT SET - 07/29/15



01 DIMENSIONED OUTLET PLAN

SCALE: 1/8" = 1'-0"



0" 2' 4' 8' 16'  
SCALE: 1/8" = 1'-0"

GENERAL NOTES (FLAT WIRE)

1. ALL REPAIR AND PATCH WORK SHALL MATCH ADJACENT SURFACES & HAVE NO VISIBLE SEAMS.
2. NEW ELECTRICAL ITEMS ARE SHOWN IN BOLD GRAPHICS ON PLAN(S). EXISTING ELECTRICAL ITEMS ARE SHOWN IN LIGHT GRAPHICS ON PLAN(S).
3. INSTALL NEW FLOOR POWER, PHONE AND AIR OUTLETS, AS DETERMINED BY GAMES. ALL WIRING SHALL BE FLAT CONDUCTOR CABLE AS SPECIFIED ON THE ELECTRICAL DRAWINGS.
4. ICE-CREAM MACHINES AND BILL CHANGER TO HAVE DEDICATED POWER CIRCUIT, VERIFY POWER SUPPLY REQUIREMENTS PRIOR TO INSTALLATION.

FLOOR LEGEND

- |                                                            |                                      |
|------------------------------------------------------------|--------------------------------------|
| 20 AMP 20 AMP POWER SUPPLY                                 | FLOOR MOUNT DUPLEX POWER OUTLET      |
|                                                            |                                      |
|                                                            |                                      |
| FLOOR MOUNTED AIRLINE / POWER SUPPLY IN RECESSED FLOOR BOX |                                      |
| WALL MOUNTED POWER SUPPLY UNIT FOR EQUIPMENT               | JUNCTION BOX MOUNTED WHERE INDICATED |
|                                                            | E = EXISTING ITEM<br>N = NEW ITEM    |

NOTE: START POINT - TO START AT IN SIDE FACE OF FINISH WALL, UNLESS NOTED OTHERWISE

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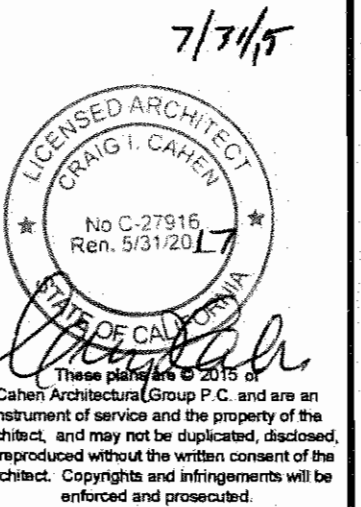
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1371 KOOSER RD.  
SAN JOSE, CA 95118



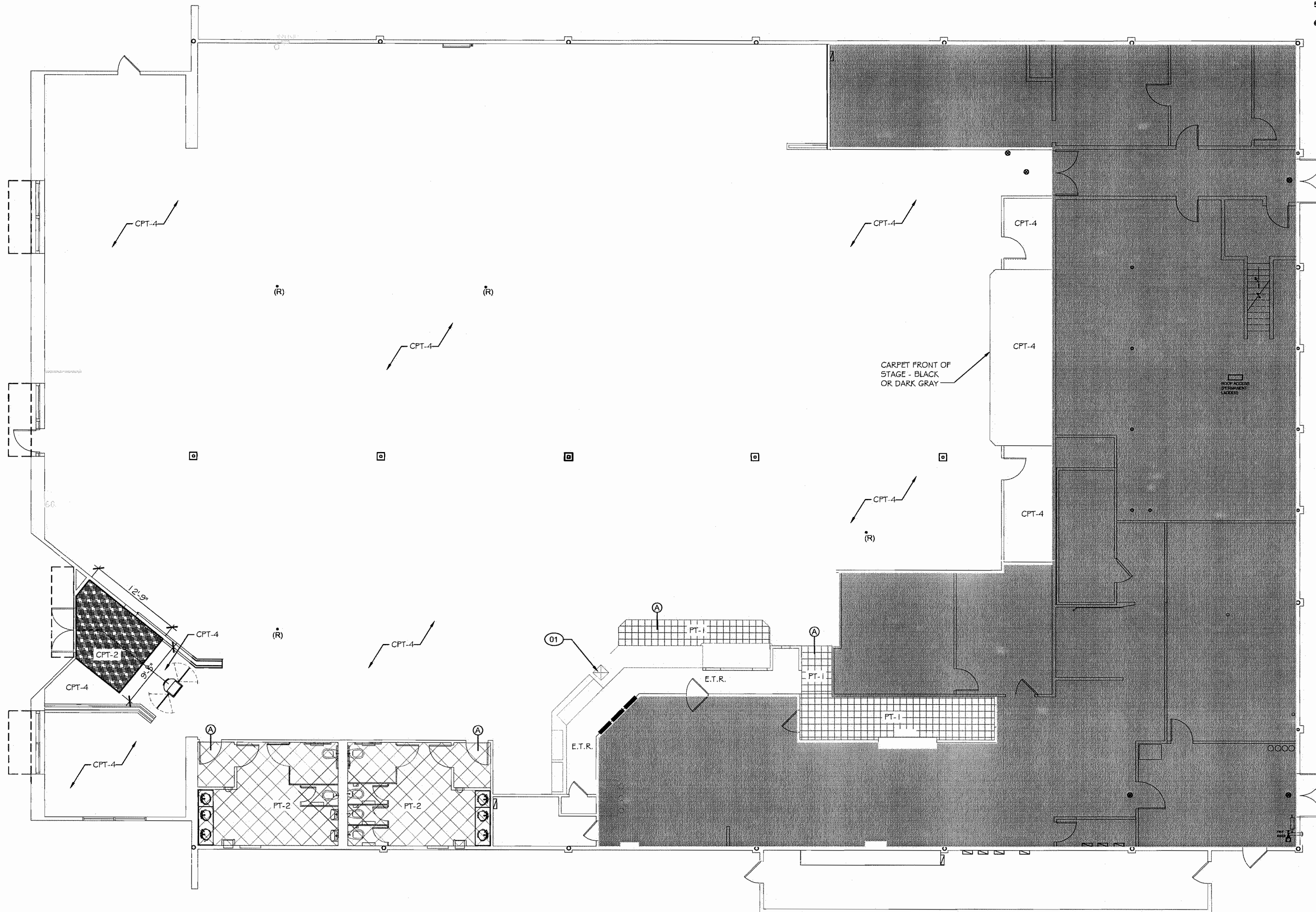
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| PROJ. NO.               | 14923    |
| DRAWN                   | TK       |
| CHECKED                 | SW/CIC   |
| ISSUED/REVISED          | DATE     |
| DESIGN REVIEW           | 04/15/15 |
| PERMIT/PRICING          | 05/08/15 |
| REVISION                | 07/15/15 |
| REVISION                | 07/29/15 |
| CONSTRUCTION            | ---      |
| REVISION                | ---      |
| REVISION                | ---      |
| DRAWING TITLE           |          |
| DIMENSIONED OUTLET PLAN |          |

A1.2

REV PERMIT SET - 07/29/15



7/7/15  
CAHEN ARCHITECTURAL GROUP P.C.  
7076 South Alton Way  
Building A  
Carmichael, CA 95008  
(916) 743-0022



# 01 FLOOR FINISH PLAN

SCALE: 1/8" = 1'-0"



PLAN NORTH

0" 2' 4' 8' 16'  
SCALE: 1/8" = 1'-0"

## CALGREEN NOTES:

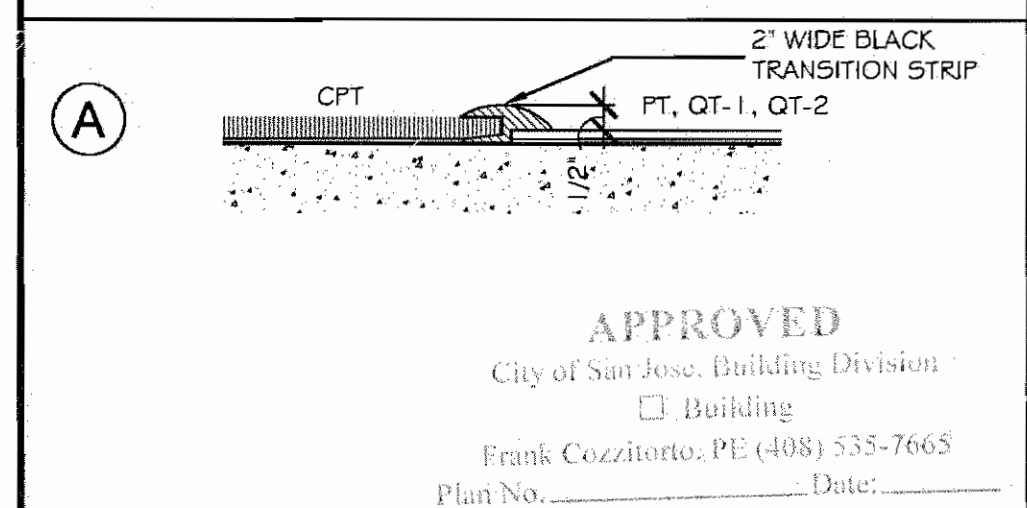
1. FINISH MATERIAL SHALL COMPLY WITH SECTIONS 5.504.4.1 THROUGH 5.504.4.4.
2. Adhesives, sealants, caulks. Adhesives and sealants used on the project shall meet the requirements of the following standards:  
1. Adhesives, adhesive bonding primers, adhesive primers,  
2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.
3. Verification of compliance. Documentation was provided verifying that resilient flooring materials meet the pollutant emission limits.
4. Carpet systems. All carpet installed in the building interior shall meet the testing and product requirements of one of the standards listed in 5.504.4.4.
5. Carpet adhesive. All carpet adhesive meets the requirements of Table 804.4.1.
6. Resilient flooring systems. Comply with the VOC-emission limits defined in the 2009 CDP's criteria and listed on its Low-emitting Materials List (or Product Registry), or certified under the FloorScore program of the Resilient Floor Covering Institute.

A2.0.0.1. CABINETS: \*\* PROVIDE ALTERNATE PRICING FOR REMOVAL OF EXISTING FRONT LINE COUNTERS AND INSTALLATION OF NEW BULLET LEG CABINETS. INCLUDE ALL REQUIRED FLOOR AND WALL FINISHES AS WELL AS ANY ELECTRICAL AND PLUMBING REQUIRED.

## "GREEN" CARPET NOTES

- ALL CARPETS INSTALLED SHALL MEET ONE OF THE TESTING AND PRODUCTS REQUIREMENTS OF:
- 1) CARPET & RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM.
  - 2) CALIFORNIA DEPARTMENT OF PUBLIC HEALTH STANDARD PRACTICE FOR THE TESTING OF VOC'S (SPECIFICATION 01550).
  - 3) NSF/ANSI 14.0 AT THE GOLD LEVEL.
  - 4) SCIENTIFIC CERTIFICATIONS SYSTEMS INDOOR ADVANTAGE GOLD.
- ALL CARPET CUSHIONS SHALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM.
- ALL CARPET ADHESIVES SHALL MEET THE MAXIMUM VOC LIMIT OF 50 PER TABLE 5.504.4.1.

## FLOOR TRANSITION TYPES

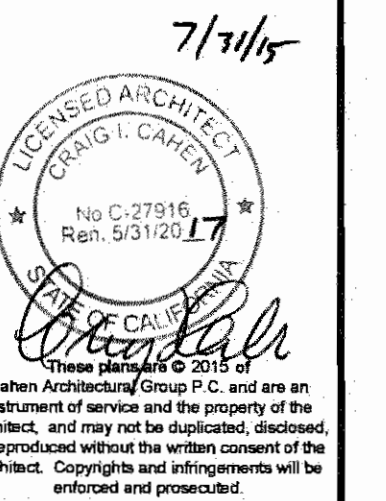


## FLOOR FINISH LEGEND

|                          |                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CONC                     | EXPOSED CONCRETE - SEAL WITH GRAY EPOXY                                                                                                                                                                                                        |
| PT-2                     | FLOOR TILE: 20"x20" INTERCERAMIC INDIAN STONE SERIES - 'AUTUMN RUST' (INSTALL AT DIAGONAL)<br>FLOOR GROUT: MAPEL #42 'MOCHA' (1/16" GROUT LINES)<br>COVE TILE: 6"x6" INTERCERAMIC IC BRITES SERIES - 'ALMOND'<br>COVE GROUT: MAPEL #15 'BONE'  |
| PT-1                     | TYPE: FLOOR TILE SIZE: 12" x 12" GROUT: MFGR. AMERICAN TILE PBG1925 'PEWTER' TILES: CC19CEC-12X12 GRANT1 ADR, CC19CB-6X12 GRANT1, CC19IC-1X6 GRANT1                                                                                            |
| QT-1 (OR APPROVED EQUAL) | FLOOR TILE: 6"x6" SUMMITVILLE #10 - 'SUMMITVILLE RED' (SMOOTH FINISH)<br>COVE BASE: 2" HIGH COVE - SUMMITVILLE #10 - 'SUMMITVILLE RED' Q 3565<br>GROUT: POLYBLEND SANDED GROUT PBGG025 'CHARCOAL' #60                                          |
| QT-2                     | FLOOR TILE: 6"x6" SUMMITVILLE #10 - 'SUMMITVILLE RED' (ABRASIVE FINISH)<br>COVE BASE: 6" HIGH COVE - SUMMITVILLE #10 - 'SUMMITVILLE RED' Q 3565<br>GROUT: POLYBLEND SANDED GROUT PBGG025 'CHARCOAL' #60                                        |
| CPT-2                    | CARPET: INTERFACE FLOR DECO-DIAGONAL SERIES CARPET TILE - COLOR: 602391 'ANTHRACITE'<br>BASE: BURKE #217 'CHARCOAL' - TO BE SUPPLIED & INSTALLED BY CONTRACTOR PER MANUF. SPECS                                                                |
| CPT-4                    | CARPET: INTERFACE FLOR CARPET SQUARES AND ADHESIVE. 'CUBIC COLOURS' #174702. CUSTOM COLOR #246360-003<br>ADHESIVE: PRESSURE SENSITIVE ADHESIVE 2300<br>BASE: BURKE #217 'CHARCOAL' - TO BE SUPPLIED & INSTALLED BY CONTRACTOR PER MANUF. SPECS |

NOTE: ALL FINISHES TO BE INSTALLED BY G.C. UNLESS NOTED OTHERWISE

7075 South Alton Way  
Building A  
Carmel, CA 95008  
(408) 743-0002  
CARMEN ARCHITECTURAL GROUP P.C.



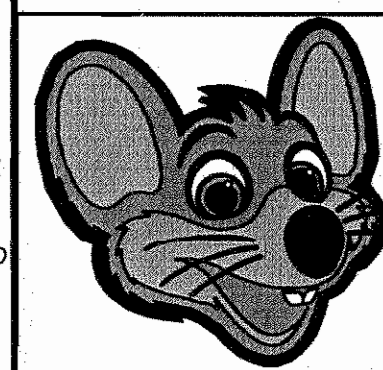
#404 SAN JOSE, CA  
**CHUCKECHEESE'S**  
1371 KOOSER RD.  
SAN JOSE, CA 95118



|                   |          |
|-------------------|----------|
| PROJ NO.          | 14923    |
| DRAWN             | BAO      |
| CHECKED           | SWIC     |
| ISSUED/REVISED    | DATE     |
| DESIGN REVIEW     | 04/15/15 |
| PERMIT/PRICING    | 05/08/15 |
| REVISION          | 01/15/15 |
| REVISION          | 07/29/15 |
| CONSTRUCTION      | ---      |
| REVISION          | ---      |
| REVISION          | ---      |
| DRAWING TITLE     |          |
| FLOOR FINISH PLAN |          |

A2.0

REV PERMIT SET - 07/29/15



|                  |             |
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| PROJ NO.         | 14923       |
| DRAWN            |             |
| CHECKED          | SWCIC       |
| ISSUED/REVISED   | DATE        |
| DESIGN REVIEW    | 04/15/15    |
| PERMIT/PRICING   | 05/08/15    |
| REVISION         | 01 07/15/15 |
| REVISION         | 02 07/29/15 |
| CONSTRUCTION     | ---         |
| REVISION         | ---         |
| REVISION         | ---         |
| DRAWING TITLE    |             |
| WALL FINISH PLAN |             |

KEYNOTES: EXAMPLE: A2.24 = (24)

A2.1.01. PAINTED DOOR FRAMES: PAINT ALL EXISTING DOOR FRAMES WHERE INDICATED, WINDSOR GRAY. PAINT ALL EXISTING METAL FIRE DOORS AND FRAMES WHITE WOOL. SEE WALL FINISH SPECIFICATIONS.

A2.1.04. SANITARY FRP WALL: EXISTING SANITARY WALL SURFACE SHALL NOT BE REMOVED OR PAINTED OVER.

## WALL FINISH LEGEND

- FINISH TRANSITION
- FRP
- MARLITE WALL PANEL AND CHAIR RAIL W/ PAINT ABOVE (P-2 "WHITE WOOL")
- MARLITE WALL PANEL AND CHAIR RAIL W/ PAINT ABOVE (P-4 "CORSIKAN PURPLE")
- MARLITE WALL PANEL AND CHAIR RAIL W/ PAINT ABOVE (P-6 "LATTE")
- PAINT WALL (P-2 "WHITE WOOL")
- PAINT WALL (P-5 "FLAT BLACK")
- MARLITE WALL AND CHAIR RAIL
- CERAMIC WALL TILE W/ PAINT ABOVE (P-6 LATTE) - SEE SHEET A9.2
- PAINT WALL (P-7 "EXTRA WHITE")
- HEADER (P-2) E.S. PAINT HEADER (P-2 "WHITE WOOL") EACH SIDE
- COLUMN W/ SAFETY PAD - (P-1) PAINT ALL SIDES OF COLUMN (P-1 "HOLLYBERRY RED") INSTALL SAFETY PADS AS DIRECTED
- DOOR TAG SEE DOOR SCHEDULE FOR NEW FINISHES

## WALL FINISH SPECIFICATIONS

NOTE: THE FOLLOWING INTERIOR FINISH SPECIFICATIONS ARE PER CEC'S DESIGN STANDARDS. FINISHES DO NOT SPECIFICALLY APPLY TO THIS PROJECT UNLESS INDICATED ON THE FINISH PLANS OR SPECIFICALLY INDICATED OR DETAILED ELSEWHERE IN THE DRAWINGS.

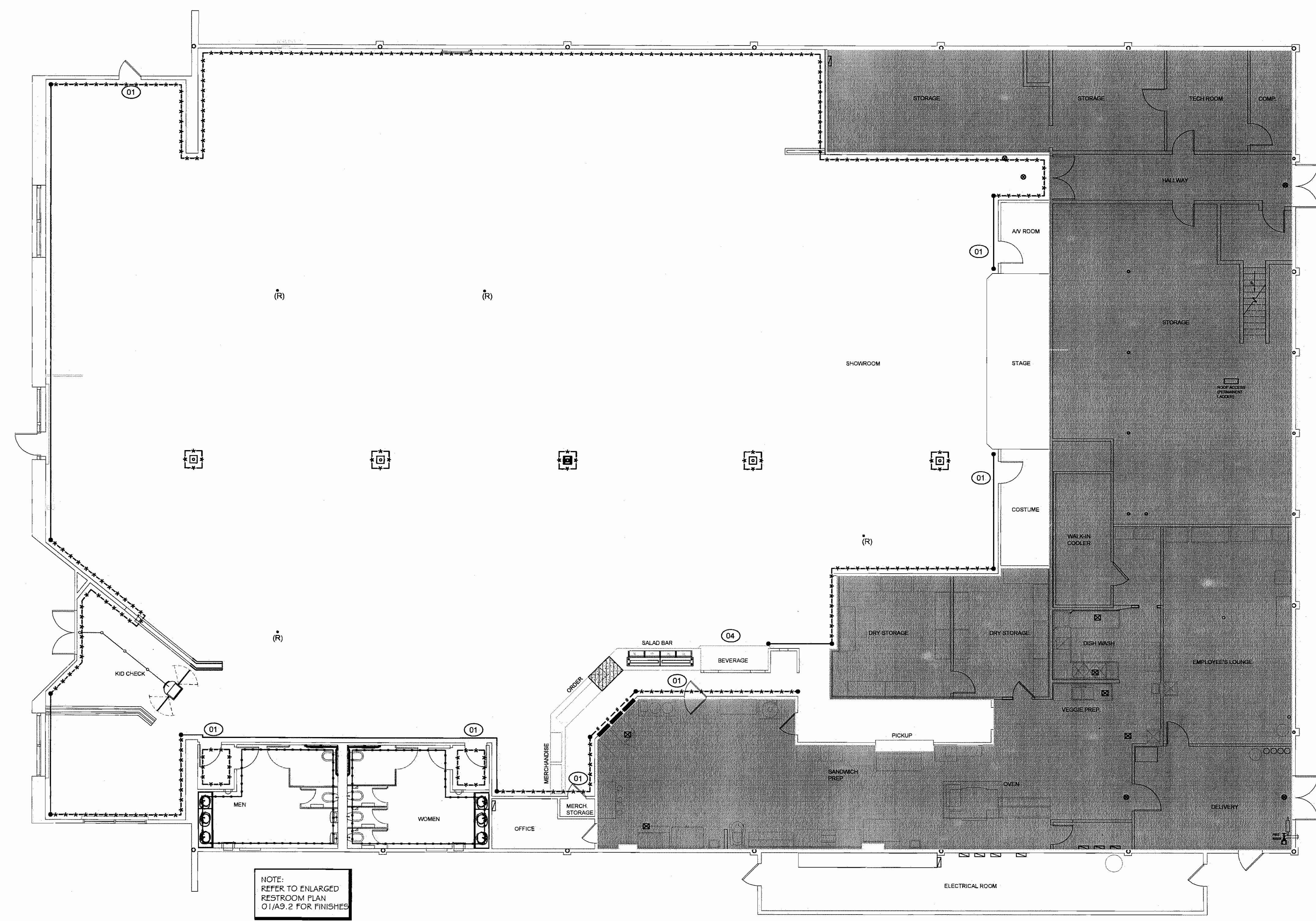
- PAINT FINISH: ALL PAINTED WOOD AND DRYWALL TO HAVE SEMI-GLOSS FINISH. ALL PAINTED METAL SURFACES TO HAVE SEMI-GLOSS FINISH.
- PAINT SPECIFICATIONS: FOR INTERIOR SHOULD BE CONSISTENT WITH ALL STORES, EXTERIOR PAINTS MAY VARY IN CASE OF SHOPPING CENTER IN-LINE LEASE SPACES. FOR A LIST OF QUALIFIED PAINTERS IN YOUR AREA CONTACT CEC MAINTENANCE. (PLEASE NOTE ALL FORMULAS ARE FOR ONE GALLON PAINT.)
- ALL PRODUCTS LISTED: ARE AVAILABLE THRU SHERWIN WILLIAMS NATIONAL ACCOUNT MANAGER, BRETT HUCKLERBURY (214-553-3940 - OFFICE) - D-FW PC ARCHITECTURAL PRODUCTS REP, MARK GIROUARD (STORE 214-621-9400, 214-632-2847 VM)
- P-1 HOLLYBERRY RED: METAL PRIMER - SW KEN KROMICK UNIVERSAL PRIMER, B50Z SERIES, METAL PAINT - CUSTOM FORMULA: BASE - SW INDUSTRIAL ENAMEL SAFETY RED - B54R38A TINTED TO THE FOLLOWING: 844 COLORANTS - QV-40, OR-32, TW-16 THESE COLORANTS ARE 844 COLORANTS THAT ARE AVAILABLE AT SHERWIN-WILLIAMS COMMERCIAL STORES. EXTERIOR SUBSTRATES (STUCCO, DRYVIT, AND METALS) BASE - EXTERIOR ACCENTS LATEX SEMI-GLOSS MATCHED TO HOLLYBERRY RED.
- P-2 WHITE WOOL SW1354 - USED ON UPPER WALLS, FIRE EXIT DOORS AND FRAMES. DRYWALL TEXTURE - MEDIUM ORANGE PEEL (VERIFY/APPROVAL) DRYWALL PRIMER - PREPRITE 200 LATEX WALL PRIMER, B20W200. DRYWALL PAINT - FROMAR 200 INTERIOR LATEX SEMI-GLOSS ENAMEL, (TWO COATS)

NOTE: ON FIRE EXIT DOORS AND FRAMES PAINT - WHITE WOOL SW1354 TINTED IN DTM ACRYLIC SEMI-GLOSS ENAMEL, B6G-200 SERIES. (ONLY IN CASES OF RUST OR SLICK SURFACE SCUFF SAND AND USE KEN KROMICK UNIVERSAL PRIMER, B50Z SERIES.)

- P-3 WINDSOR GRAY SW1040 - USED ON INTERIOR DOOR FRAMES PAINT - DTM ACRYLIC SEMI-GLOSS ENAMEL, B6G-200 SERIES. (SCUFF SAND AND PRIMER ONLY AS REQUIRED)
- P-4 CORSIKAN PURPLE SW1825 - FOR ACCENT GYPSUM WALL. DRYWALL PRIMER - PREPRITE 200 LATEX WALL PRIMER, B20W200. DRYWALL PAINT - FROMAR 200 INTERIOR LATEX SATIN ENAMEL. (TWO COATS)
- P-5 FLAT BLACK - USED ON INTERIOR BACK WALL OR ANIMATED SHOW PAINT - FROMAR 400 INTERIOR LATEX BLACK, B30B400 SERIES.
- P-6 LATTE SW6108 - RESTROOM WALLS - PRIMER - SW PREPRITE 200 LATEX WALL PRIMER, B20W200. PAINT - SW FROMAR 200 LATEX SEMI-GLOSS ENAMEL, B31W200 SERIES. (TWO COATS)
- P-7 CEILING EXTRA WHITE SW7006 - RESTROOM CEILING & SHELVING / KITCHEN DOORS / FRAMES PRIMER - SW PREPRITE 200 LATEX WALL PRIMER, B20W200. PAINT - SW FROMAR 200 LATEX SEMI-GLOSS ENAMEL, B31W200 SERIES. (TWO COATS)
- P-8 HAZE - CUSTOM MATCH TO ARMSTRONG, CEILING GRID AND TILE OF SAME NAME, USED ON REMODELS ONLY, NOT FOR NEW CONSTRUCTION. PAINT: B30W451, N1-2Y15, G2-2, R2-3, W1-4Y (CHANGED AS OF 06/2011). PLEASE INSURE THAT THE COLOR DOES MATCH AT EACH JOB SITE BEFORE CONTINUING PAINTING.
- ST-1 - INTERIOR OAK STAIN (USED ON CHAIR RAIL, SILLS & MISC.) - 1ST COAT - SHERWIN WILLIAMS SHERWOOD WIPING STAIN, S 64 SERIES (CHERRY)-SG4RGWTH 4 OZ. #844 "RED OXIDE" 2ND COAT - SHERWIN WILLIAMS SHER-WOOD VINYL SEALER 24% - TG7F3. 3RD COAT - SHERWIN WILLIAMS SHER-WOOD CAB - ACRYLIC LACQUER, TS7C15 4TH COAT - SAME AS THIRD COAT.
- W-2 F.R.P. PANELS - 0.9 THICK EMBOSSED FIBERGLASS REINFORCED PANELS - KEMLITE - FRP WHITE.
- W-4 MARLITE PANELS - 1/4" MARLITE NO. 5446-S2V "MORNING HAZE"

## WALL FINISH NOTES

- ALL NEW WALLS TO RECEIVE MEDIUM ORANGE PEEL TEXTURE TO MATCH EXISTING WALL SURFACE TEXTURE.
- PROVIDE STAINLESS STEEL CORNER GUARDS AT KITCHEN AREA AS INDICATED ON PLAN ??/A?.
- REFER TO DRAWING A9.2 FOR TOILET ROOM FINISH INFORMATION AND SPECIFICATIONS.
- SEE DRAWINGS A5.0 AND A5.1 FOR INTERIOR ELEVATIONS.
- PROVIDE NEW CORNER GUARDS AT AREA OF NEW PAINT AS PER DETAIL ??/A?.
- REFER TO EXTERIOR ELEVATIONS FOR ALL EXTERIOR PAINT SPECIFICATIONS.



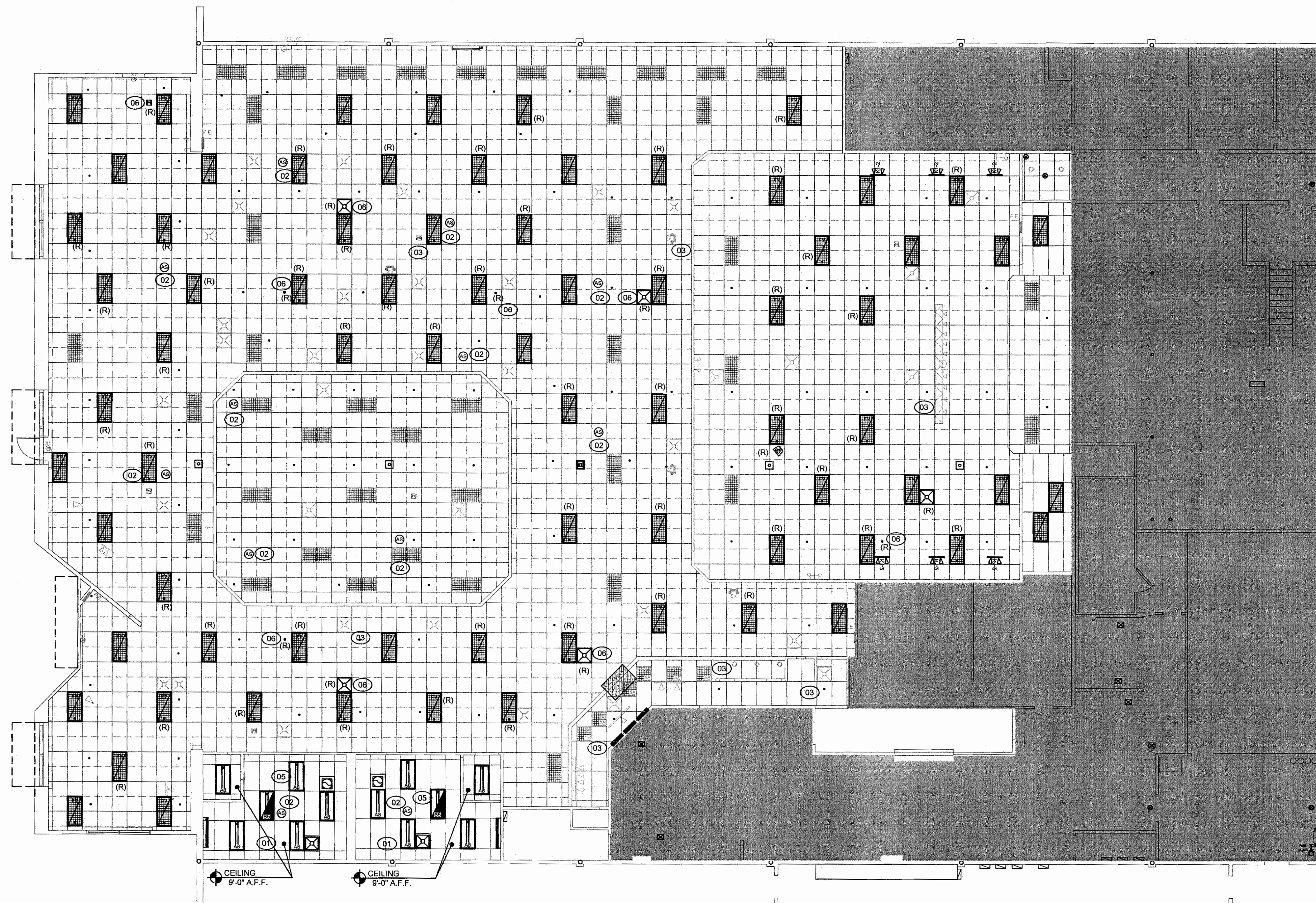
NOTE:  
REFER TO ENLARGED  
RESTROOM PLAN  
01/A9.2 FOR FINISHES

## 01 WALL FINISH PLAN

SCALE: 1/8" = 1'-0"



0" 2' 4' 8' 16'  
SCALE: 1/8" = 1'-0"



# 01 REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"



0" 2' 4' 8' 16'  
SCALE: 1/8" = 1'-0"

## CALGREEN NOTES:

1. Construction IAQ Management. Cover duct openings and protection of mechanical equipment during construction.

## REFLECTED CEILING KEYNOTES

EXAMPLE: A3.24 = (24)

- A3.0.01 NEW VINYL CEILING TILE & GRID: PROVIDE AND INSTALL NEW VINYL CEILING TILE (ARMSTRONG #670 VINYL FACED G.L.I.F. 24X48X 1/2") WITH NEW PRELUDE XL WHITE GRID.
- A3.0.02 NEW SPEAKERS: PROVIDE NEW ATLAS SPEAKERS AS INDICATED. (E) STAGE SPEAKERS TO REMAIN. RE: SHEET AV1.0 FOR NEW SPEAKER SPECS. AND WIRING.
- A3.0.03 EXISTING CEILING ITEMS: TYPICAL INDICATION OF EXISTING CEILING TILES & FIXTURES TO REMAIN. (SHOWN LIGHTER)
- A3.0.05 RESTROOM CEILING FIXTURES: REUSE EXISTING CEILING FIXTURES (EXCEPT LIGHTS) WHERE POSSIBLE IF IN PROPER WORKING ORDER. IF NOT, G.C. TO REPAIR/REPLACE AS REQUIRED - MATCH EXISTING FIXTURES. LIGHTING SHALL BE REMOVED AND REPLACED.
- A3.0.06 RELOCATED CEILING EQUIPMENT: NEW LOCATION OF EXISTING FIXTURE. REFER TO CEILING DEMO PLAN FOR FIXTURES TO BE RELOCATED.

## REFLECTED CEILING PLAN GENERAL NOTES

1. BOLD GRAPHICS INDICATE EXISTING ITEMS ARE NEW OR RELOCATED; LIGHT GRAPHICS INDICATE EXISTING ITEMS TO REMAIN AND INCLUDE BUT ARE NOT LIMITED TO LIGHTING, SUPPLY AIR DIFFUSERS, RETURN AIR GRILLES, STROBES, FIRE EXIT SIGNS, FIRE ALARMS, EMERGENCY LIGHTING, P.A. SYSTEM, SPRINKLERS AND ALL LIFE SAFETY EQUIPMENT.
2. NO (N) FIXTURES, GRILLES, SPEAKERS, SPRINKLER HEADS, ETC. SHALL TOUCH THE CEILING T'S OR SHADOW LINE; CENTER IN PANEL.
3. PAINT ALL GRILLES AND RECESSED SPEAKERS TO MATCH CEILING GRID.
4. ALL SPEAKER WIRE SHALL HOME RUN TO AV CONTROL ROOM RACK. REF. ELEC. DWGS. AND 'ST' DRAWINGS FOR CONNECTIONS.
5. EXIT SIGNAGE TO BE INSTALLED PER OSGC 1011.
6. G.C. IS RESPONSIBLE FOR COORDINATION AND VERIFICATION OF POWER FOR SIGNAGE / AWNINGS PRIOR TO INSTALLATION.
7. ALL NON-RATED PARTITIONS TO TERMINATE 6" ABOVE FINISHED CEILING. SEE WALL TYPES, DWG. A1.0 FOR ADDITIONAL INFORMATION.
8. ACOUSTICAL CEILING GRID SHALL BE CENTERED IN ROOM U.N.O.
9. REFER TO DETAIL 07/A7.5 FOR FIRE SPRINKLER PIPING SUPPORT DETAIL.
10. COORDINATE ALL MECHANICAL, ELECTRICAL AND FIRE PROTECTION SYSTEMS THAT ARE SUPPORTED BY INTERFACE W/ CEILING SYSTEMS.
11. PROVIDE COLLARS AT ALL BEER AND SODA LINE PENETRATIONS THROUGH WALLS AND CEILINGS. ALL EXPOSED COLLARS SHALL MATCH THE COLOR OF THE ADJACENT FINISH.
12. ALL INSULATION WIRING AND OTHER CONSTRUCTION ITEMS SHALL BE NON-COMBUSTIBLE AND RATED AS REQUIRED BY CODE FOR WORK IN PLENUM SPACES WHERE INDICATED.
13. CEILING GRID INSTALLATION SHALL BE PER SECTION 9.6 OF ASCE 7-02 AND CISCA GUIDELINES FOR SEISMIC ZONES 3-4.
14. REFER TO DETAIL 10/A7.5 FOR TYPICAL LIGHT BRACING REQUIREMENTS.
15. REFER TO DETAIL 11/A7.5 FOR CEILING LATERAL TIE REQUIREMENTS.
16. CAULK CEILING GRID TO WALL WHERE GAP IS LARGER THAN 1/8". VERIFY W/ CEC PROJECT MANAGER PRIOR TO INSTALLATION.

## APPROVED

City of San Jose, Building Division  
Building  
Frank Cozzitorto, PE (408) 533-7665  
Plan No. \_\_\_\_\_ Date: \_\_\_\_\_

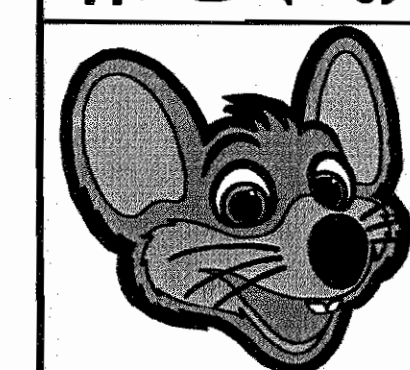
## REFLECTED CEILING PLAN LEGEND

| ACOUSTICAL LAY-IN CEILING SPECIFICATIONS |                                                                                                                                                         |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2X4 LAY-IN ACOUSTIC TILE (LT-1)          | LT-1 ARMSTRONG #1761 HA, FINE FISSURED SECOND LOOK II 24" x 48" x 3/4" WITH XL HA 15/16" EXPOSED TEE SYSTEM (COLOR: HAZE)                               |
| 2X4 VINYL FACED LAY-IN TILE (LT-2)       | LT-2 ARMSTRONG #670 VINYL FACED G.L.I.P. 24" x 48" x 1/2" WITH PRELUDE XL WHITE GRID                                                                    |
|                                          | LT-3 LT-2 CUSTOM MATCHED TO HAZE ARMSTRONG CEILING TILE AND GRID (LT-1). GRID TO MATCH CEILING TILE COLOR IN PUBLIC AREAS. PAINT: B30 W401, N1-2Y, P1-4 |
|                                          | GYP BD. CEILING - PAINTED                                                                                                                               |

## R = EXISTING ITEM TO BE RELOCATED

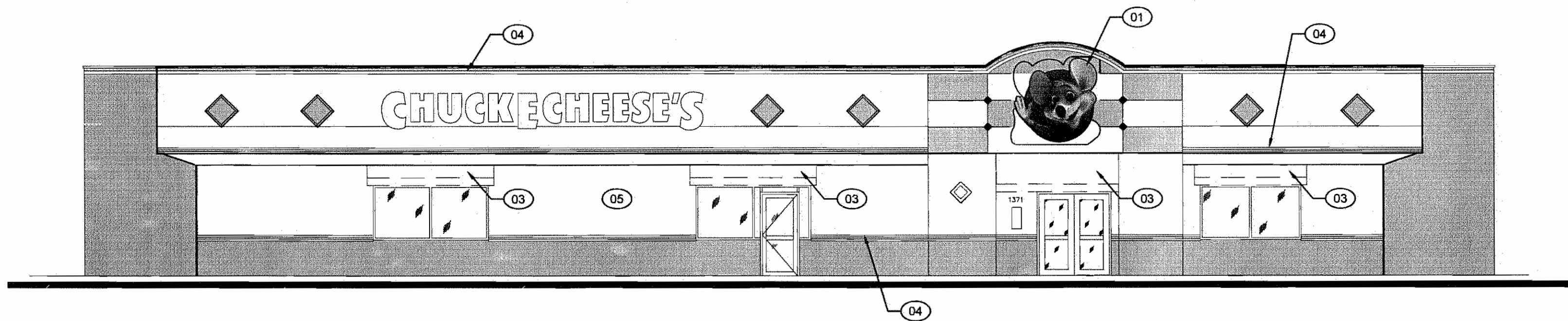
|                                                                                                |                                                                                                        |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| TYPE A1 - 2'x4' LAY-IN FLUORESCENT FIXTURE W/ ACRYLIC LENS                                     | TYPE B - 2'x4' LAY-IN FLUORESCENT FIXTURE W/ PARABOLIC LENS - METALUX 2P2GX-23255 I 11-PAF             |
| TYPE A4 - 2'x4' LAY-IN FLUORESCENT FIXTURE W/ EGGRATE GRILLE                                   | TYPE B4 - 2'x4' LAY-IN FLUORESCENT FIXTURE W/ PARABOLIC LENS W/ EMERGENCY-METALUX 2P2GX-23255 I 11-PAF |
| TYPE A4d - 2'x4' LAY-IN FLUORESCENT FIXTURE W/ EGGRATE GRILLE - SUPPLY W/ RECESSED DRYWALL KIT | TYPE B1 - 2'x4' LAY-IN FLUORESCENT FIXTURE W/ ACRYLIC LENS                                             |
| TYPE A8 - 2'x4' LAY-IN DIRECT / INDIRECT FLUORESCENT FIXTURE                                   | TYPE B5 - 2'x4' LAY-IN DIRECT / INDIRECT FLUORESCENT FIXTURE                                           |
| TYPE G1 - EXTERIOR WALL SCONCE - COLOR RED (MOUNT 7'-0" A.F.F.)                                | TYPE K1 - SPOT LIGHT W/ MONOPOINT MOUNT                                                                |
| TYPE C2 - EXTERIOR DIAMOND LIGHT FIXTURE - COLOR RED (MOUNT 7'-0" AFF)                         | TYPE K1-P - LIGHT TRACK (LENGTH AND NUMBER OF HEADS AS SHOWN ON DRAWING)                               |
| TYPE D5 - RECESSED COMPACT FLOURESCENT DOWNLIGHT                                               | TYPE K4 - MERCHANDISE LIGHT MOUNTED 3'-0" AWAY FROM WALL                                               |
| TYPE E1 - EXTERIOR WALL PACK - COLOR BRONZE                                                    | TYPE WS1 (LP-22) - RESTROOM VANITY WALL LIGHT                                                          |
| TYPE X3 - REMOTE HEAD WITH 90 MIN. BATTERY BACKUP - EXTERIOR MOUNTED                           | TYPE X1 - DUAL-LIGHT EXIT LIGHT FIXTURE W/ EMERGENCY BACKUP                                            |
| TYPE F4 - 4' x 2' BULB UTILITY FLUORESCENT STRIP LIGHT                                         | EXHAUST FAN W/ GRILLE                                                                                  |
| NEW ATLAS SPEAKER (CEILING)                                                                    | SUPPLY AIR GRILLE                                                                                      |
| SHOWROOM SPEAKER (BRACKET MOUNTED)                                                             | RETURN AIR GRILLE                                                                                      |
| FIRE STROBE / HORN                                                                             |                                                                                                        |
| FIRE SPRINKLER                                                                                 |                                                                                                        |
| SMOKE DETECTOR                                                                                 |                                                                                                        |
| CEILING OUTLET                                                                                 |                                                                                                        |

NOTE: REFER TO MECH. AND ELEC. DRAWINGS FOR FIXTURE SPECIFICATIONS.



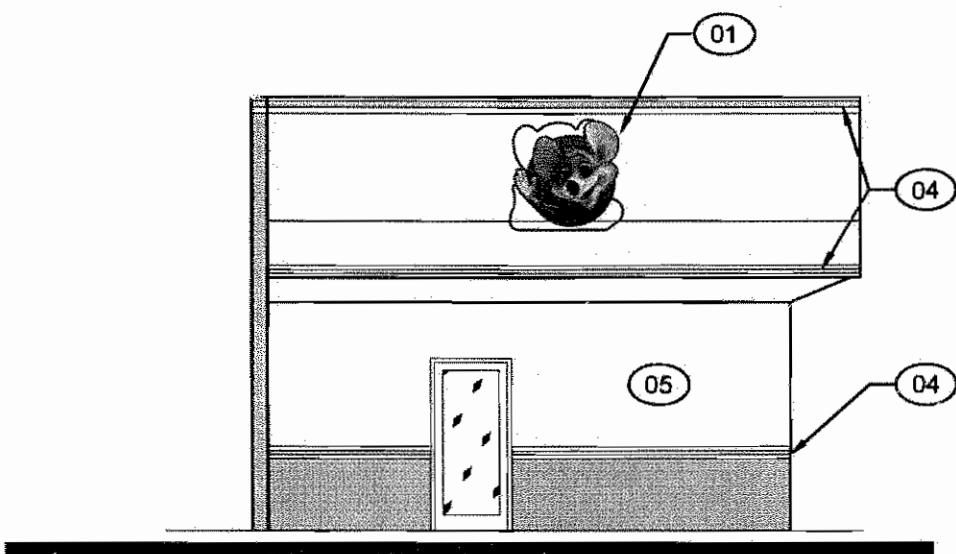
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| PROJ NO.       | 14923                  |
| DRAWN          | ???                    |
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| ISSUED/REVISED | DATE                   |
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| REVISION       | 01 07/15/15            |
| REVISION       | 02 07/29/15            |
| CONSTRUCTION   | -/-                    |
| REVISION       | -/-                    |
| REVISION       | -/-                    |
| DRAWING TITLE  | REFLECTED CEILING PLAN |

A3.0



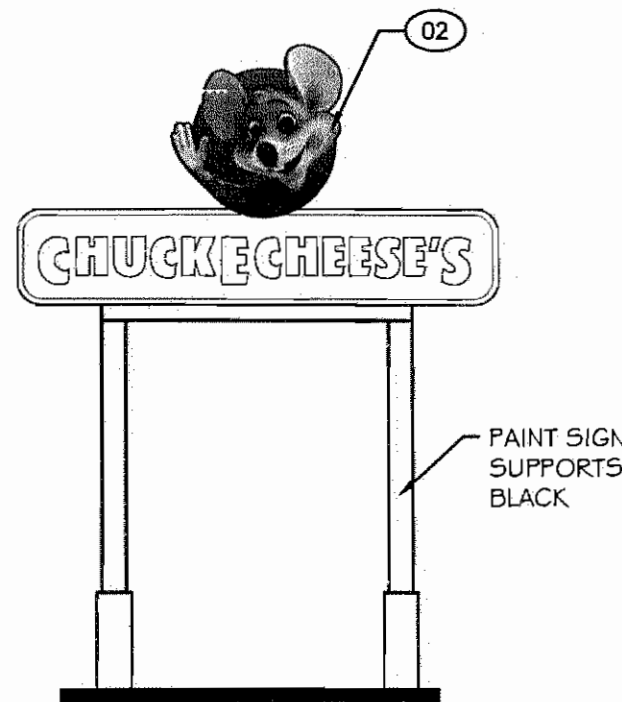
01 FRONT ELEVATION

SCALE: 1/8" = 1'-0"



02 LEFT ELEVATION

SCALE: 1/8" = 1'-0"



03 PYLON SIGN

SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION KEYNOTES EXAMPLE: A4.2.4 = (24)

- A4.01 SIGNAGE - REPLACE CHUCK E. LOGO: THE SIGN COMPANY IS TO REPLACE EXISTING ILLUMINATED LOGO SIGNAGE WITH NEW LOGO SIGNAGE. THE CONTRACTOR TO COORDINATE WITH THE SIGN COMPANY AND LOCAL JURISDICTION ON FINAL POWER CONNECTION REQUIREMENTS. COORDINATE WITH FINAL SIGNAGE DRAWINGS.
- A4.02 SIGNAGE - PYLON SIGNAGE: THE EXISTING PYLON SIGNAGE SHALL BE REPLACED BY THE SIGN COMPANY. ALL METAL EDGES/SIDES OF POLE SIGNAGE AND MOUNTS TO BE PAINTED BLACK WITH GLOSS FINISH.
- A4.03 AWNING - REMOVE: EXISTING AWNING TO BE REMOVED. G.C. TO PATCH AND REPAIR WALL SURFACE TO MATCH ADJACENT WALL FINISHES WHERE AWNING IS TO BE REMOVED.
- A4.04 EXTERIOR STRIPING: REMOVE ALL EXTERIOR STRIPING. G.C. TO PATCH AND REPAIR WALL SURFACE TO MATCH ADJACENT WALL FINISHED WHERE STRIPING IS TO BE REMOVED. PRIME AND PAINT TO MATCH EXISTING PAINT COLOR AS REQUIRED.
- A4.05 EIFS: REPAIR AND PAINT EIFS AS REQUIRED.

GENERAL NOTES

- SIGN COMPANY SHALL OBTAIN ALL REQUIRED SIGNAGE PERMITS PRIOR TO INSTALLATION OF NEW WORK AND REPAIRS.
- PAINTED FEATURES: ALL DOWNSPOUTS, SCUPPERS, ELECTRICAL PANELS, GRILLES, CONDUIT AND PIPING, VISIBLE TO PUBLIC, SHALL BE PAINTED TO MATCH ADJACENT MATERIAL FINISH AND BANDING, U.N.O.
- UNPAINTED ITEMS: DO NOT PAINT OVER SECURITY CAMERAS, SECURITY/FIRE ALARM BELLS AND ASSOCIATED PUMPS FIXTURES FITTINGS AND OTHER LIFE SAFETY FIXTURES. DO NOT PAINT OVER ELECTRICAL AND PLUMBING LABELS.
- VEGETATION: ALL PLANTS, TREES, VEGETATION, GARDEN BEDS AND ASSOCIATED PATHWAYS TO BE PROTECTED FROM ANY PHYSICAL OR PAINT DAMAGE PRIOR TO PAINTING. PLANTS TO BE TRIMMED AND MAINTAINED PER INSTRUCTION FROM C.E.C. ENTERTAINMENT INC.
- ANY ALTERATION TO THE EXISTING PYLON SIGN SHALL BE UNDER SEPARATE PERMIT.

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City of San Jose, Building Division  
☐ Building  
Frank Cozzitorto, PE (408) 535-7665  
Plan No. \_\_\_\_\_ Date: \_\_\_\_\_

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No. C-27916  
Rev. 5/31/2017  
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|                     |          |
|---------------------|----------|
| PROJ NO.            | 14823    |
| DRAWN               | BAO      |
| CHECKED             | SWCIC    |
| ISSUED/REVISED      |          |
| DESIGN REVIEW       | 04/15/15 |
| PERMIT/PRICING      | 05/08/15 |
| REVISION            | 07/15/15 |
| REVISION            | 07/29/15 |
| CONSTRUCTION        | ---      |
| REVISION            | ---      |
| REVISION            | ---      |
| DRAWING TITLE       |          |
| EXTERIOR ELEVATIONS |          |

A4.0

REV PERMIT SET - 07/29/15



## 09 RESTROOM LIGHT VALANCE

## 10 TYPICAL LIGHT FIXTURE BRACING

## 11 CEILING LATERAL TIE DETAIL

LOCATION - 1.5 miles SW of El Centro, Calif. ELEVATION - 1,000 ft.



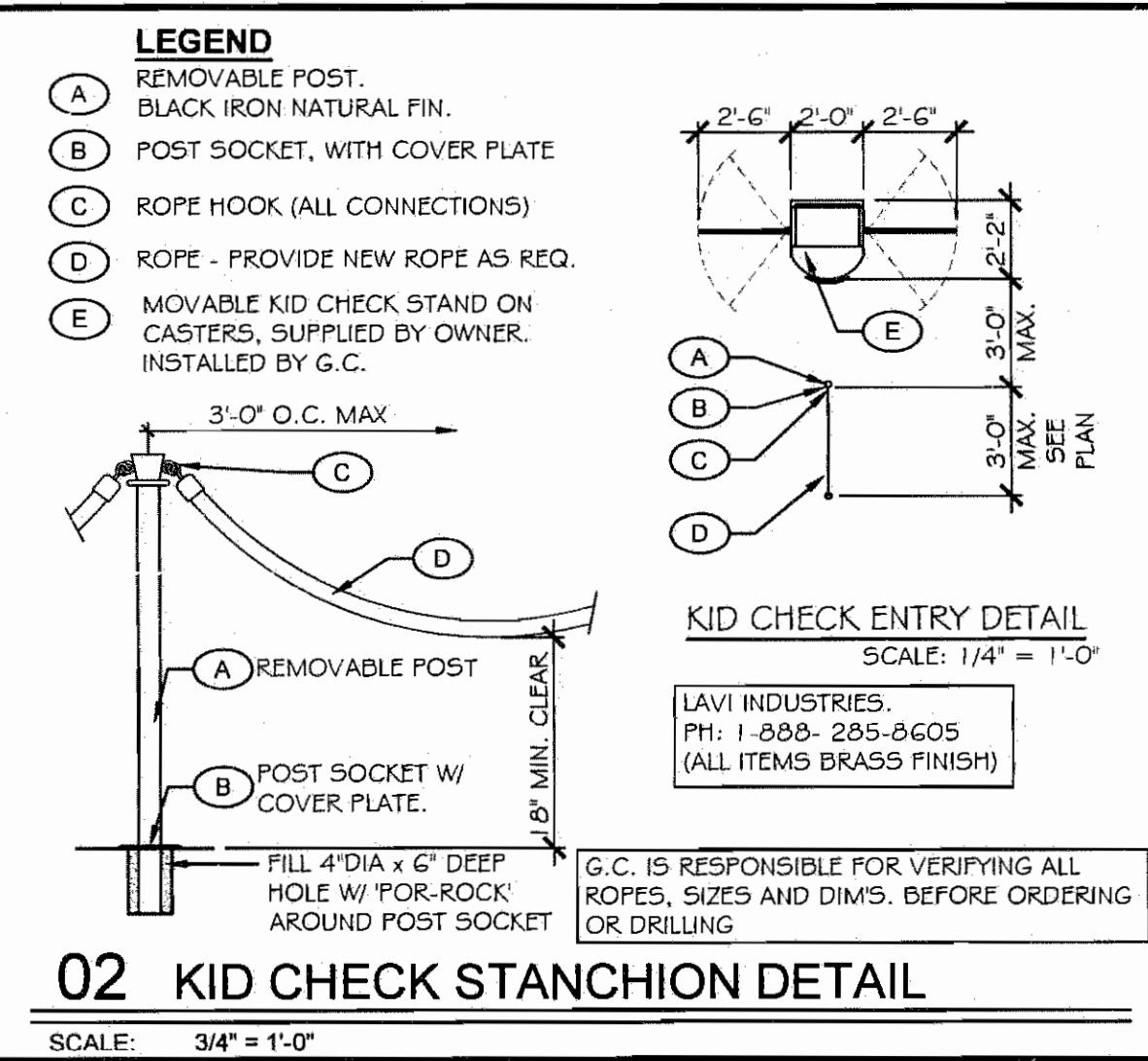
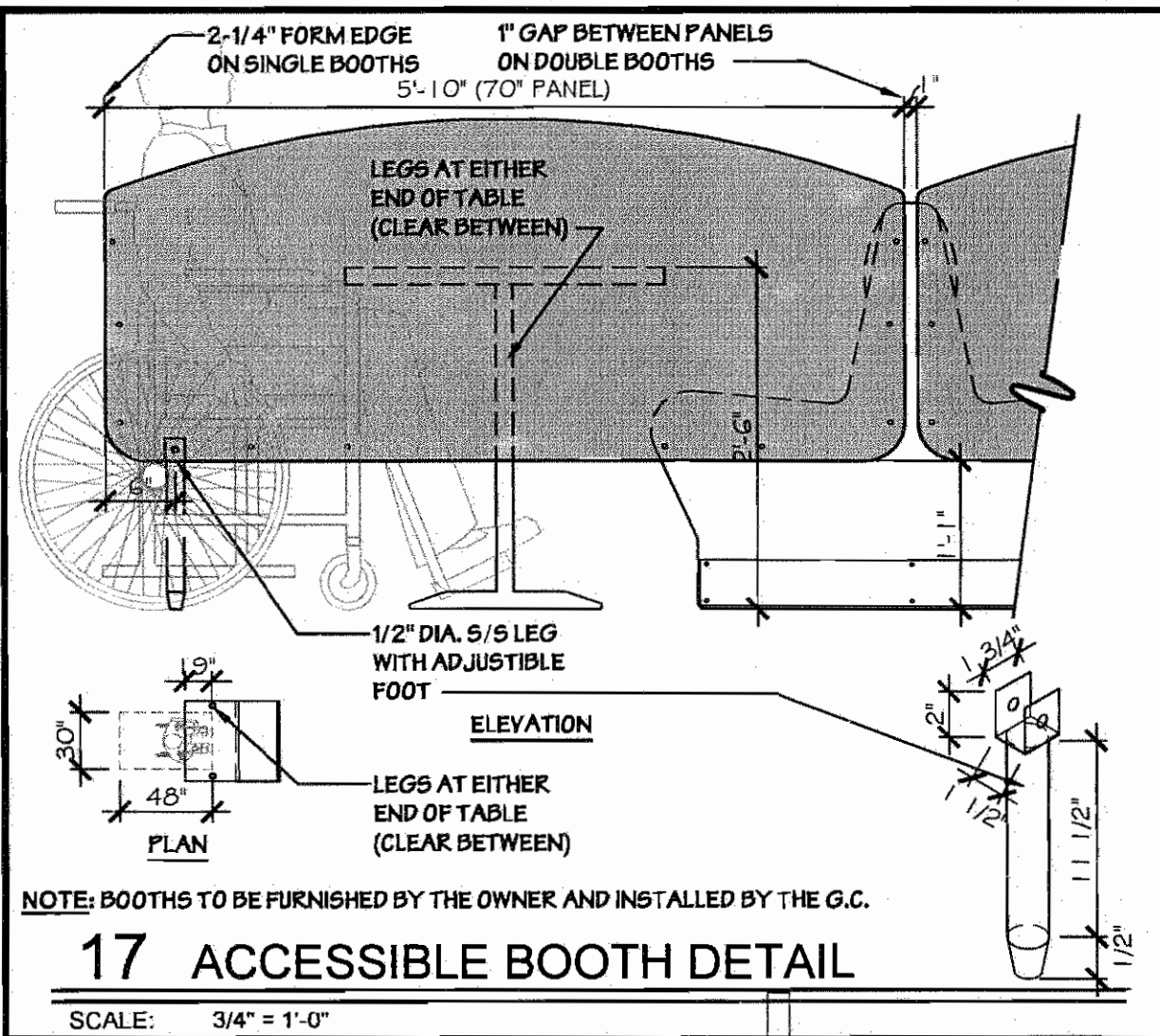
### 03 ENLARGED CAP DETAIL

## 04 TACTILE EXIT SIGNAGE

## 05 TOILET PARTITION DETAILS

01 THREE-BOWL RESTROOM SINK DETAIL - 7'-1" WIDE (ACCESSIBLE)

REV PERMIT SET - 07/29/15



**FURNISHINGS PLAN KEYNOTES** EXAMPLE: A9.24 = (24)

A9.0.01 BOOTH PANEL DIVIDERS: PLASTIC LAMINATE DIVIDING BOOTH PANELS TO BE FABRICATED BY THE BOOTH MANUFACTURER AND INSTALLED BY THE G.C.

A9.0.02 VENDING ICE-CREAM MACHINE: (E) ICE-CREAM MACHINE SHALL BE LOCATED AS INDICATED AND HAVE DEDICATED POWER CIRCUIT, VERIFY POWER SUPPLY REQUIREMENTS PRIOR TO INSTALLATION.

A9.0.03 KID CHECK STANCHION: KID CHECK STANCHION TO BE FURNISHED BY CEC AND INSTALLED BY THE G.C. SEE DETAILS 02/A9.0.

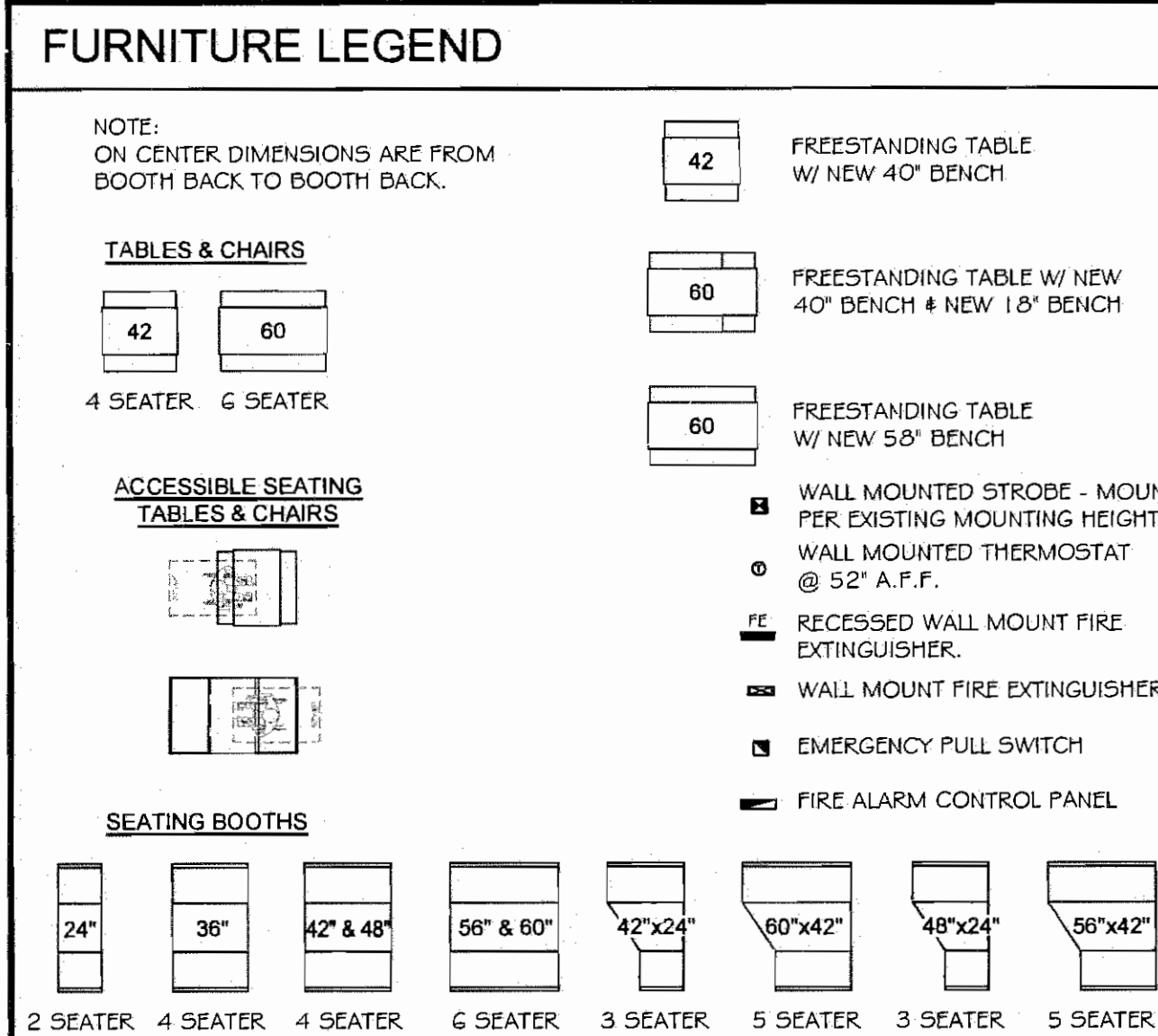
A9.0.04 FURNITURE: ALL BOOTH FURNITURE (INCLUDING TABLES, BENCHES AND CHAIRS), ARE TO BE INSTALLED AS DIRECTED BY CEC AND AS SPECIFIED BY CEC ON FINAL FURNITURE MARK-UP PLAN AS INDICATED ON CONSTRUCTION ISSUE DRAWINGS.

A9.0.05 BOOTH BRACKETS: INSTALL BOOTH BRACKETS ON ALL FURNITURE.

**GENERAL NOTES**

- DECOR: G.C. TO INSTALL NEW ARTWORK, DECOR AND COAT HOOKS AS INDICATED. G.C. TO INSTALL MATCHING CORNER GUARDS AS NEEDED. FINAL LOCATION TO BE DETERMINED BY C.E.C. ENTERTAINMENT INC. PRIOR TO CONSTRUCTION.
- SAFETY ITEMS: INSTALL FIRE EXTINGUISHERS, ALARMS, PA CONTROLS, MOTION DETECTORS, EMERGENCY LIGHTING, THERMOSTATS, ETC., AS REQUIRED BY LOCAL FIRE AND/OR BUILDING AUTHORITIES. INSTALLATION OF NEW ART WORK AND DECOR SHALL NOT BE IN CONFLICT. UNSPECIFIED LOCATIONS FOR NON LIFE SAFETY ITEMS SHALL BE VERIFIED WITH OWNER PRIOR TO INSTALLATION. UNSPECIFIED LOCATIONS FOR LIFE SAFETY ITEMS SHALL BE VERIFIED WITH LOCAL FIRE AND/OR BUILDING AUTHORITIES PRIOR TO INSTALLATION.
- REFERENCE DETAIL 12/A7.4 FOR TYPICAL BOOTH DIVIDER PANELS.
- TABLE TOP SPLASH IS REQUIRED AT ALL LOCATIONS W/O CENTER BOOTH DIVIDER PANELS.
- BOOTH VENDOR TO VERIFY EXACT COUNT AND SEATING CONFIGURATIONS WITH OWNER PRIOR TO ORDERING.

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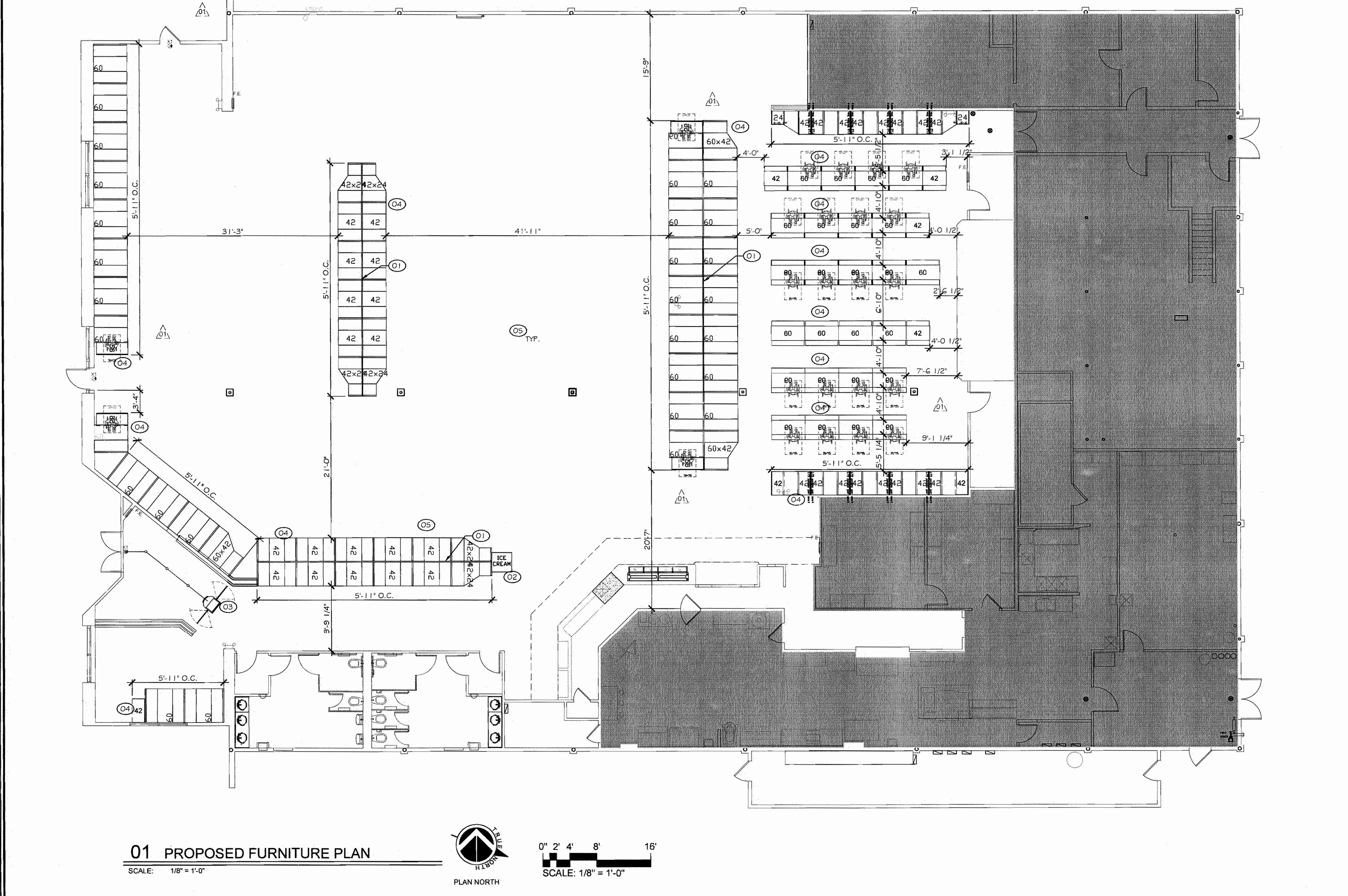
7076 South Main Way  
Suite 100  
Centennial, Colorado 80107  
(303) 743-0022  
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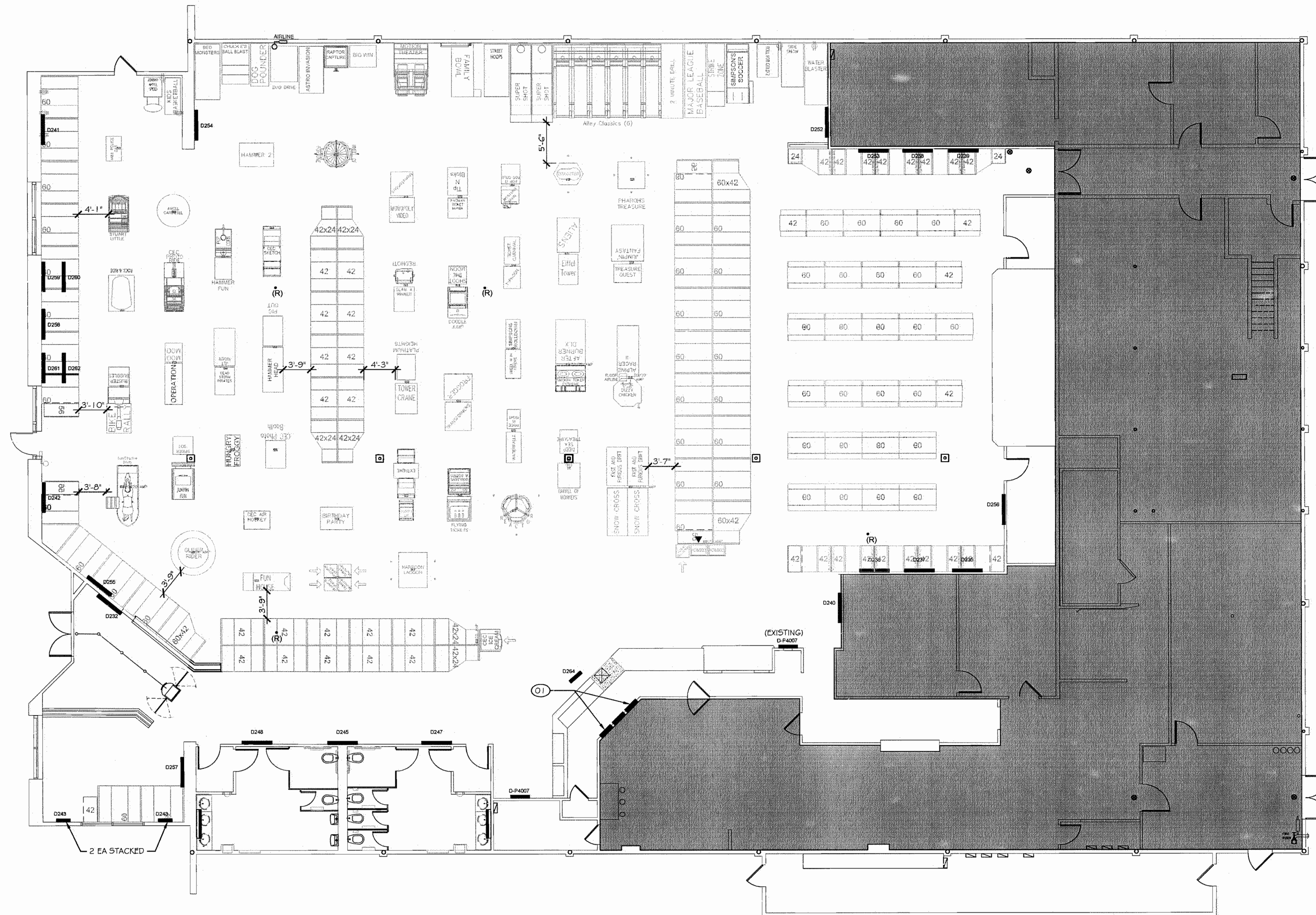
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DESIGN REVIEW • 04/15/15  
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REVISION • 01 • 07/15/15  
REVISION • 02 • 07/29/15  
CONSTRUCTION • -/-/-  
REVISION • -/-/-  
REVISION • -/-/-  
DRAWING TITLE •  
FURNISHINGS PLAN  
**A9.0**

REV PERMIT SET - 07/29/15





01 DECOR PLAN

SCALE: 1/8" = 1'-0"



0' 2' 4' 8' 16'  
SCALE: 1/8" = 1'-0"

DECOR KEY NOTES

EXAMPLE: A9.24 = 24

A9.1.01 MENU BOARDS; INSTALL SURFACE MOUNTED SMALL MENU BOARDS, COORDINATE W/CEC ON EXACT LOCATION PRIOR TO INSTALLATION. SEE DETAIL 03/A7.5

DECOR GENERAL NOTES

- DECOR: G.C. TO INSTALL NEW ARTWORK, DECOR AND COAT HOOKS AS INDICATED. G.C. TO INSTALL MATCHING CORNER GUARDS AS NEEDED. FINAL LOCATION TO BE DETERMINED BY C.E.C. ENTERTAINMENT INC. PRIOR TO CONSTRUCTION.
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DECOR SCHEDULE

| DECORATION SCHEDULE          |     | LOCATION: SAN JOSE, CA    |      |
|------------------------------|-----|---------------------------|------|
| Item #                       | Qty | Description               | DATE |
| V = Vertical, H = Horizontal |     |                           |      |
| D-0232                       | 1   | "Mascot" - Purple         |      |
| D-0233                       | 1   | "Mascot" - Green          |      |
| D-0234                       | 1   | "Mascot" - Blue           |      |
| D-0235                       | 1   | Red Guitar                |      |
| D-0236                       | 1   | Line History              |      |
| D-0237                       | 1   | "Cyan Bird"               |      |
| D-0238                       | 1   | "Magenta Casual Cool"     |      |
| D-0239                       | 1   | "Yellow Rock"             |      |
| D-0240                       | 1   | Teal Chair                |      |
| D-0241                       | 1   | Orange Token              |      |
| D-0242                       | 1   | Purple Ticket             |      |
| D-0243                       | 1   | Quad Stencils - 4 piece   |      |
| D-0244                       | 1   | "Music Note" - Purple     |      |
| D-0245                       | 1   | "Magenta"                 |      |
| D-0246                       | 1   | "Teal"                    |      |
| D-0247                       | 1   | "Sandwich"                |      |
| D-0248                       | 1   | "Salad"                   |      |
| D-0249                       | 1   | "Music Note" - Blue       |      |
| D-0250                       | 1   | "Music Note" - Green      |      |
| D-0251                       | 1   | Quad Stencils - 3 piece   |      |
| D-0252                       | 1   | Purple B-Day              |      |
| D-0253                       | 1   | Teal Pizza Chuck          |      |
| D-0254                       | 1   | Kelly Green Chuck         |      |
| D-0255                       | 1   | Line Stencil              |      |
| D-0256                       | 1   | Orange "Woody"            |      |
| D-0257                       | 1   | BLUE PARTY                |      |
| D-0258                       | 1   | Blue Band                 |      |
| D-0259                       | 1   | PINK HELIX                |      |
| D-0260                       | 1   | GREEN MUNCH               |      |
| D-0261                       | 1   | TEAL PASQUALI             |      |
| D-0262                       | 1   | RED JASPER                |      |
| D-0263                       | 1   | Marketing Light Boxes (V) |      |
| D-0264                       | 1   | Custom Candy Transfer     |      |
| COLO003                      | 1   | Silhouette "Guitar"       |      |
| COLO004                      | 1   | Silhouette "Jump"         |      |
| COLO005                      | 1   | Silhouette "Woody"        |      |
| COLO006                      | 1   | Silhouette "Tea Duff"     |      |
| COLO007                      | 1   | Silhouette "Microphone"   |      |

SIGNAGE SCHEDULE

| SIGNAGE SCHEDULE             |     | LOCATION: SAN JOSE, CA              |      |
|------------------------------|-----|-------------------------------------|------|
| Item #                       | Qty | Description                         | DATE |
| V = Vertical, H = Horizontal |     |                                     |      |
| S1                           | 1   | Entrance Sign (Hours of Operation)  |      |
| S1.0B                        | 1   | Enter and Exit Logo Decals          |      |
| S1.0SM                       | 1   | Menu Header                         |      |
| S1.0SM                       | 1   | Small Menu Header                   |      |
| S2.1                         | 1   | Restroom Directional                |      |
| S2.3                         | 1   | Restroom Men/Women (Men & Women)    |      |
| S2.4                         | 1   | Restroom Oval (Chuck & Helen)       |      |
| S2.5                         | 2   | Kitchen Directional                 |      |
| S2.6                         | 1   | ADA Signs (Plastic)                 |      |
| S2.8                         | 1   | Logo (18" Round Cool Chuck)         |      |
| S3.1                         | 1   | Logo (24" Cool Chuck)               |      |
| S3.2                         | 1   | Logo (36" Cool Chuck)               |      |
| S4.7                         | 1   | Exit Only Decal                     |      |
| S4.8                         | 1   | Exit Only Sign                      |      |
| S4.9                         | 1   | Occupancy Sign (Total)              |      |
| S5.3                         | 1   | Delivery Sign                       |      |
| S5.4                         | 1   | CCC Does Not Discriminate (CA only) |      |
| S5.5                         | 1   | Alcohol Health Warning (CA only)    |      |
| S5.6                         | 1   | Making Magic                        |      |
| S5.8                         | 1   | Notice: Token Sign (CA only)        |      |
| Const02(050)                 | 1   | License Board                       |      |
| Const03(015)                 | 1   | Wet Floor Sign                      |      |
| Const03(049)                 | 1   | Large Menu Boards                   |      |
| Const03(033)                 | 1   | Small Menu Boards                   |      |
| SR2                          | 1   | 2" Coat Rack                        |      |
| SR3                          | 1   | 3" Coat Rack                        |      |
| SR4                          | 1   | 4" Coat Rack                        |      |
| SR6                          | 1   | 6" Coat Rack                        |      |
| SR8                          | 1   | 8" Coat Rack                        |      |

NOTE: All signage, new or used, is installed by contractor. Please locate per elevations. Secure using glue (elicone) and anchors, along with cleats provided. If in doubt, please hold for direction at walk thru inspection. When direction is centered on light wash it is expected that light location match plans.

7/31/15

LICENSED ARCHITECT  
No. C-27516  
Ren. 5/31/2017

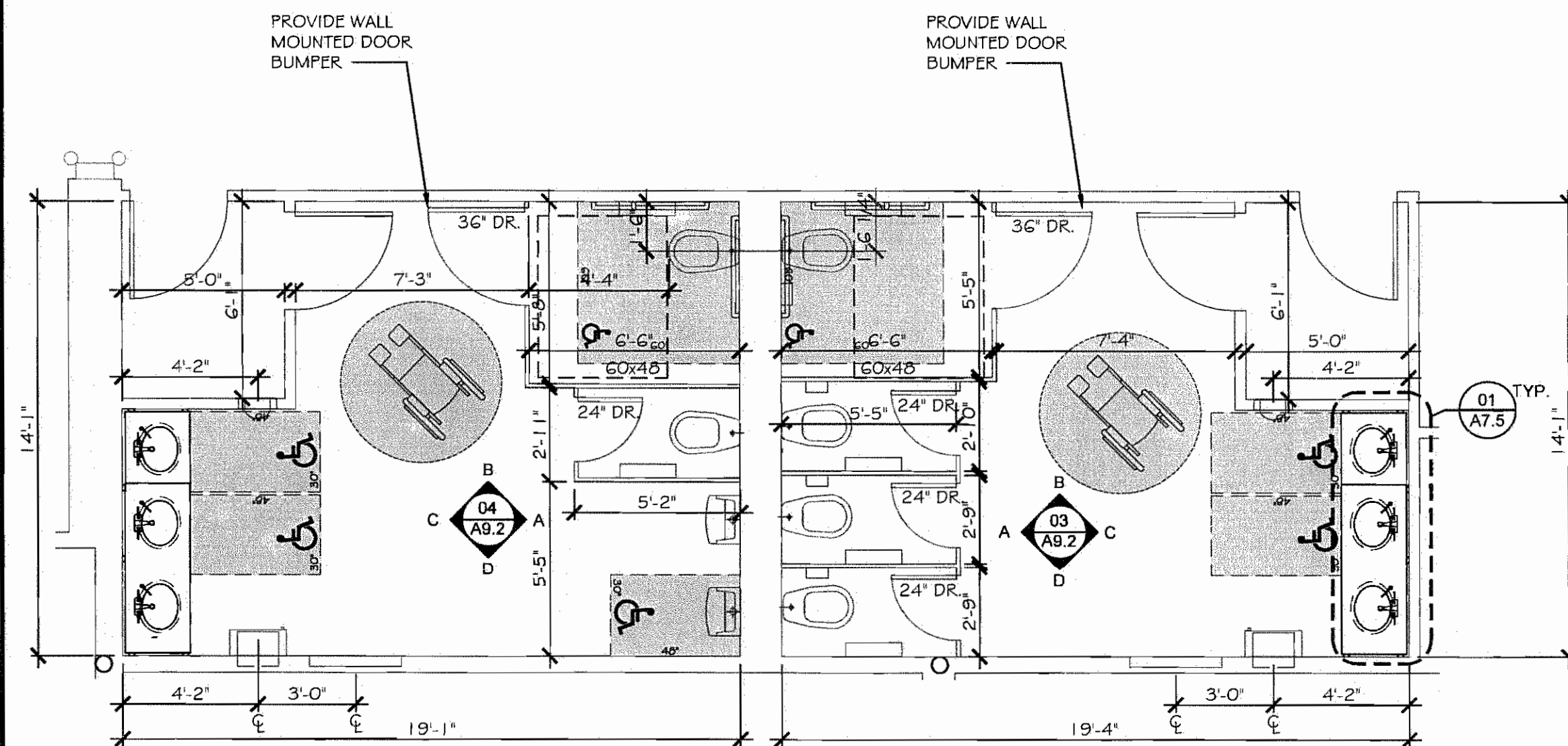
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City of San Jose Building Division  
Building  
Frank C. [Signature]  
Date: 7/31/15

#404 SAN JOSE, CA  
**CHUCKCHEESE'S**  
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SAN JOSE, CA 95118

PROJ. NO. • 14923  
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REVISION • 07/29/15  
CONSTRUCTION • -/-/-/-  
REVISION • -/-/-/-  
REVISION • -/-/-/-  
DRAWING TITLE •  
DECOR PLAN

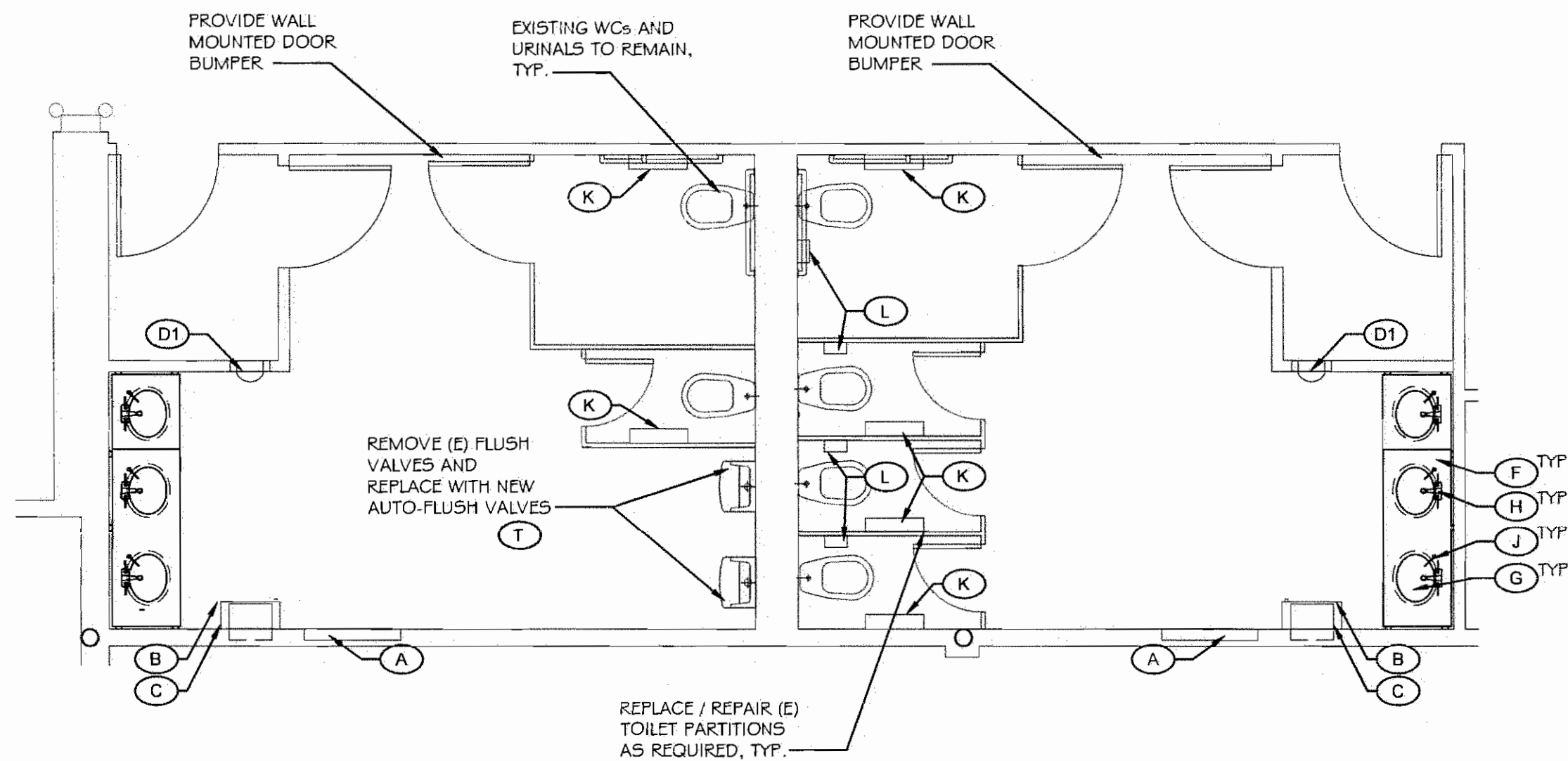
A9.1

REV PERMIT SET - 07/29/15



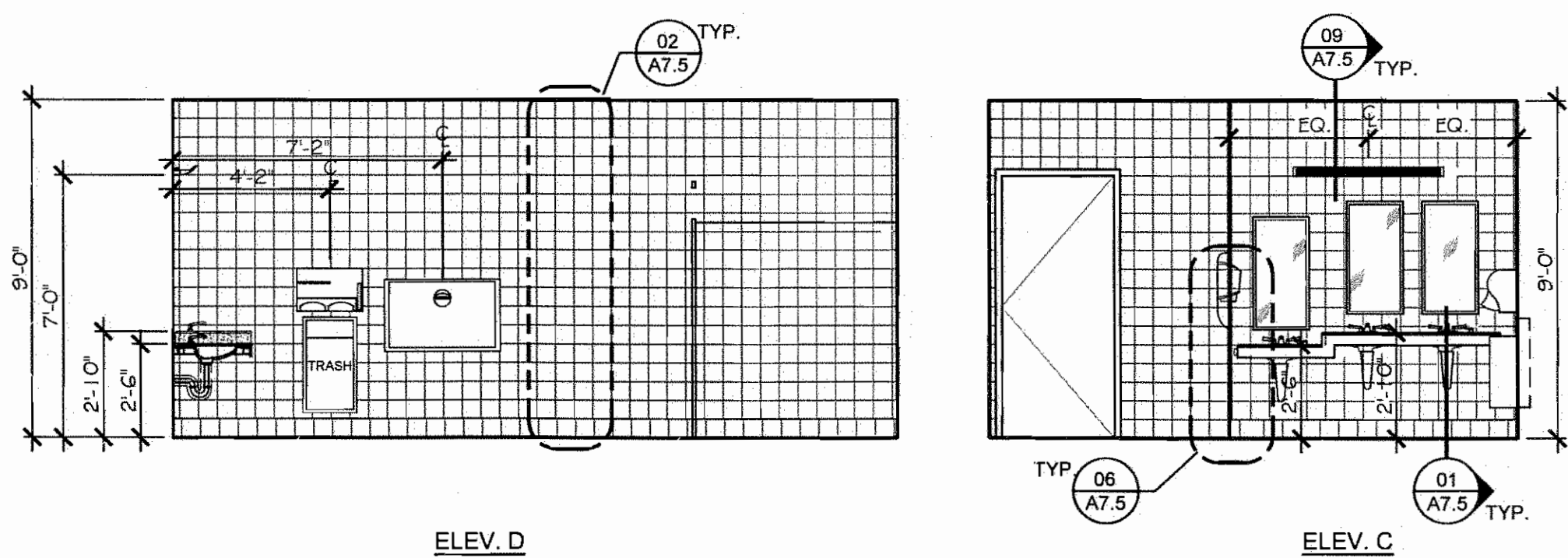
02 TOILET ROOM - DIMENSIONED FIXTURE PLAN

SCALE: 1/4" = 1'-0"



01 TOILET ROOM - FIXTURE PLAN

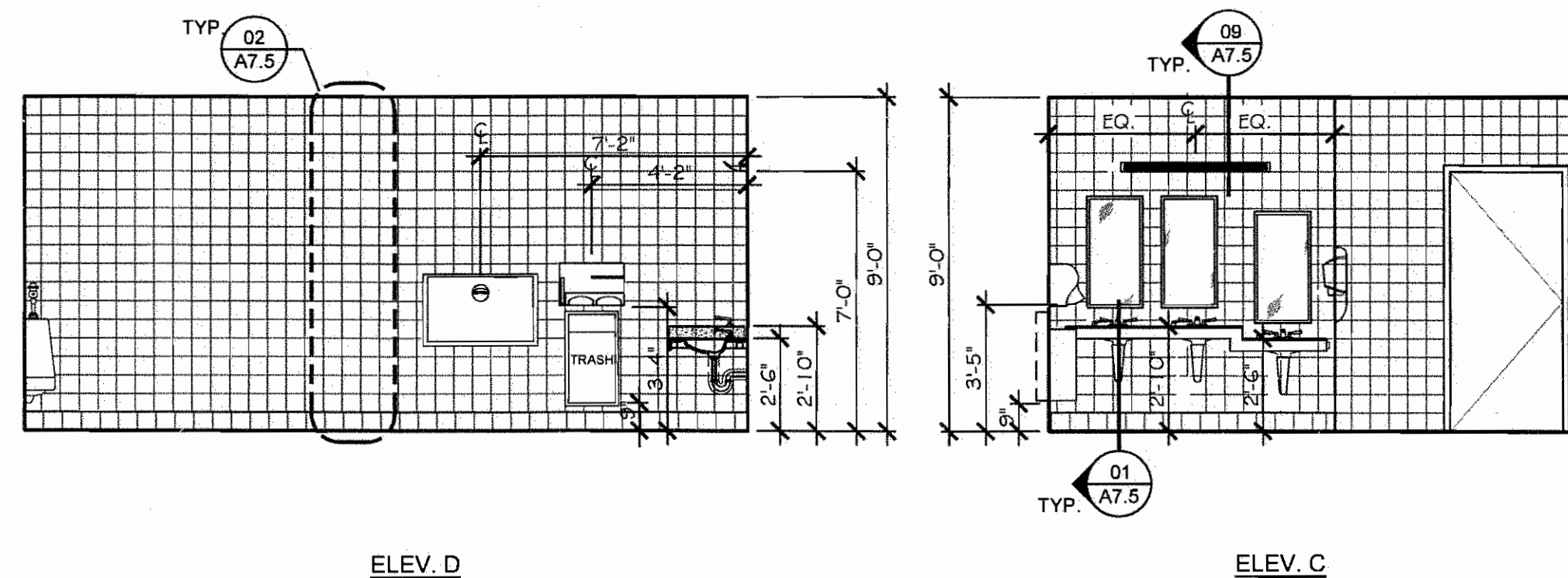
SCALE: 1/4" = 1'-0"



03 WOMENS RESTROOM ELEVATIONS

SCALE: 1/4" = 1'-0"

G.C. TO PROVIDE BULL NOSE TILE ACCENT BAND - AT EXTERIOR CORNER CONDITIONS



04 MENS RESTROOM ELEVATIONS

SCALE: 1/4" = 1'-0"

G.C. TO PROVIDE BULL NOSE TILE ACCENT BAND - AT EXTERIOR CORNER CONDITIONS

## TOILET PARTITIONS

STAINLESS STEEL PARTITIONS  
ALL COMPARTMENTS AND SCREENS ARE FURNISHED AND INSTALLED BY THE CONTRACTOR. MANUFACTURER EQUAL TO BRADLEY MILLS; FLOOR MOUNTED / OVERHEAD BRACED PARTITIONS.  
STEEL SHEETS FOR STAINLESS STEEL FINISH: ASTM A 591 (ASTM A 591M), CLASS C, GALVANIZED-BONDERIZED, OF FOLLOWING MINIMUM THICKNESS:  
1) DOORS: 7/8" THICK WITH SHARP EDGES REMOVED.  
2) PANELS: 7/8" THICK.  
3) FILASTERS (OVERHEAD-BRACED): 1 1/4" THICK PANELS WITH (22 GA.) STEEL SHEETS.  
4) PANELS AND SCREENS: 1" THICK PANELS WITH (22 GA.) STEEL SHEETS.  
5) DOORS: 1" THICK PANELS WITH (22 GA.) STEEL SHEETS.  
6) CORE: HONEYCOMB CORE.  
7) REINFORCEMENT: PROVIDE FLYWOOD CORES AT GRAB BAR LOCATIONS.  
8) FINISH: SWL TEXTURED STAINLESS STEEL FINISH.  
2) TOP BRACKETS:  
A. BRIGHT ANODIZED ALUMINUM CHANNEL 1-7/8" X 1-1/4" ANTI-GRIP DESIGN 4 THRU-BOLTED THROUGH FRONTS.  
3. ACCESSORIES: COMBINATION COAT HOOK AND BUMPER AT EACH STALL.  
ACCESSIBLE STALLS TO RECEIVE U-SHAPE FULL HANDLE IMMEDIATELY BELOW LATCH.  
4. HARDWARE: COMPARTMENTS SHALL HAVE ALL HARDWARE AND FASTENERS NECESSARY FOR COMPLETE INSTALLATION.  
A. HINGES SHALL BE SURFACE MOUNTED AND MADE OF CHROMIUM-PLATED DIECAST ZAMAC.  
B. TOP HINGES SHALL HAVE CONCEALED ABS ADJUSTABLE CAMS WITH CHROMIUM-PLATED DIECAST ZAMAC.  
REINFORCING PIN. ALL HINGES TO BE SELF CLOSING.  
C. STOP, KEEPER AND SLIDE LATCH SHALL BE CHROMIUM-PLATED DIECAST ZAMAC.  
D. ALL BRACKETS SHALL BE CHROMIUM-PLATED DIECAST ZAMAC.  
E. ALL HARDWARE SHALL BE THRU-BOLTED WITH ONE-WAY FASTENERS.

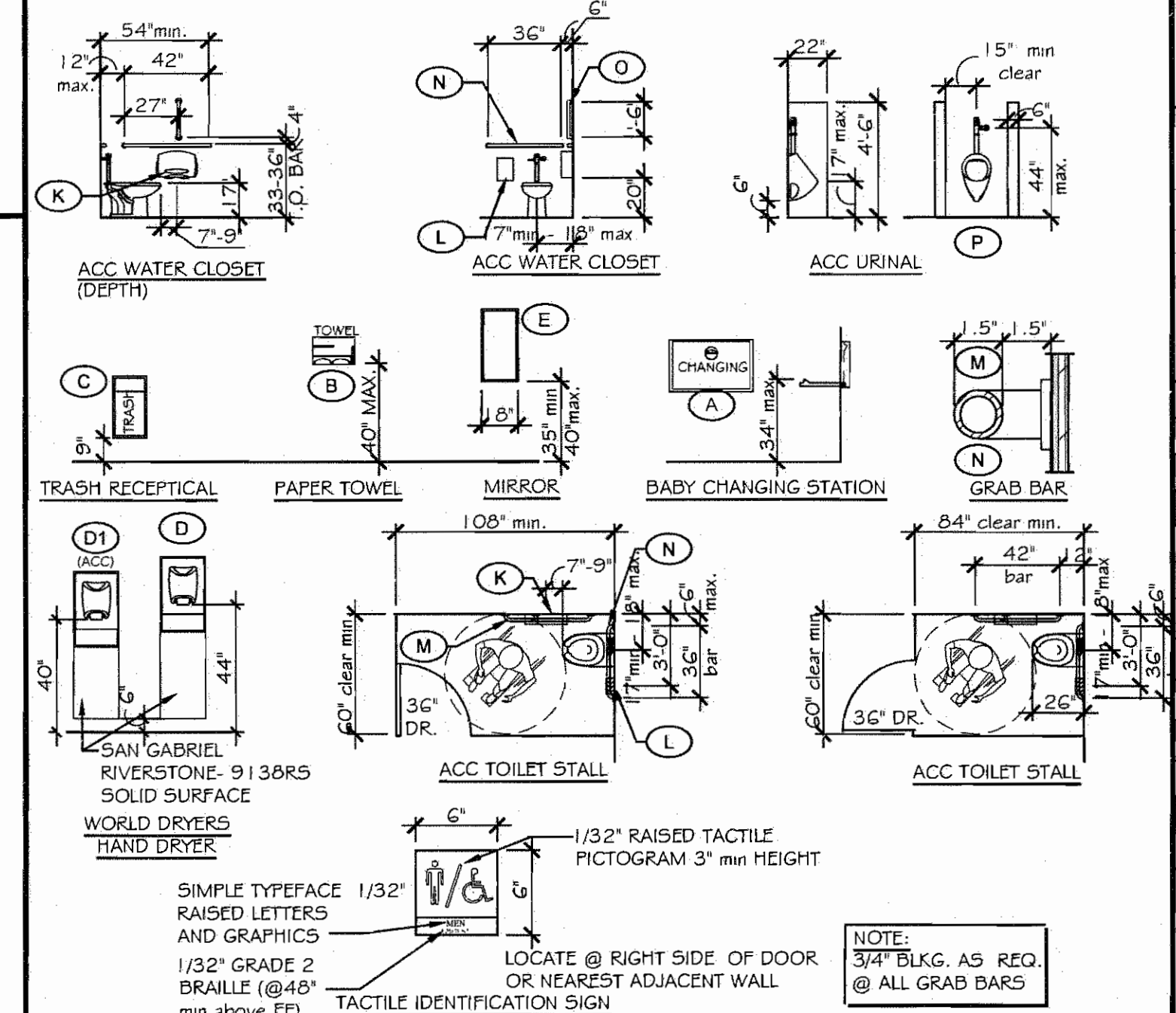
## TYPICAL RESTROOM ACCESSORIES

| MARK | MANUFACTURER        | DESCRIPTION                                                  | FURN. BY | INST. BY | REQ. BLKING | REMARKS                      |
|------|---------------------|--------------------------------------------------------------|----------|----------|-------------|------------------------------|
| A    | KOALA BEAR KARE     | KB110-55RE HORIZ. CHANGING TABLE                             | G.C.     | G.C.     | X           | RECESSED HORIZ.              |
| B    | JAMES RIVER         | PAPER TOWEL DISPENSER                                        | CEC      | G.C.     | X           |                              |
| C    | BRADLEY #334        | WASTE RECEPTACLE                                             | G.C.     | G.C.     |             | RECESSED                     |
| D    | WORLD DRYERS        | MODEL K-973 (120V-15AMP) (BRUSHED STAINLESS) WITH RECESS KIT | G.C.     | G.C.     |             | SOLID SURFACE APRON D1 - ADA |
| F    | WILSONART COUNTER   | SAN GABRIEL RIVERSTONE- 9138RS SOLID SURFACE                 | G.C.     | G.C.     | X           | 3 BOWL ASSEMBLY              |
| G    | WILSONART - SINK    | BV123 CREAM 1572-SL                                          | G.C.     | G.C.     | X           | INTEGRAL MOUNT               |
| H    | TOTO                | TEL3151W/CP SENSOR FAUCET                                    | G.C.     | G.C.     |             |                              |
| J    | BOBRICK             | B-6221 HAND SOAP DISPENSER LAV. MOUNTED                      | G.C.     | G.C.     |             |                              |
| K    | KIMBERLY CLARK      | JRT COMBINATION TISSUE DISPENSER - 09551                     | CEC      | G.C.     |             |                              |
| L    | BRADLEY #4781-15    | NAPKIN DISPOSAL BOX                                          | G.C.     | G.C.     |             |                              |
| M    | BRADLEY #8120-00142 | 42" HANDICAP GRAB BARS                                       | G.C.     | G.C.     | X           |                              |
| N    | BRADLEY #8120-00136 | 36" HANDICAP GRAB BARS                                       | G.C.     | G.C.     | X           |                              |
| O    | BRADLEY #8120-00118 | 18" VERTICAL GRAB BARS                                       | G.C.     | G.C.     | X           |                              |
| T    | TOTO USA            | TEU1UN12#CP (0.125 GPF)                                      | G.C.     | G.C.     |             |                              |

## TOILET ROOM ACCESSIBILITY REQUIREMENTS

NOTE:  
1. TOILET ROOMS SHALL CONFORM TO ALL ACCESSIBILITY REQUIREMENTS OF THE 2013 CALIFORNIA BUILDING CODE, WHICH INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:  
2. CONTRACTOR SHALL INSTALL ONE NAPKIN DISPOSAL BOX IN EACH STALL OF THE WOMEN'S RESTROOM.  
3. DIMENSIONS ARE FROM TO OUTSIDE FACE OF FINISH, U.N.O.  
4. KNEE CLEARANCE AT LAVATORY: APRON 29" MIN. HEIGHT, 8" MIN. DEPTH.  
5. LAVATORY HOT WATER AND DRAINPIPS TO BE INSULATED WHEREVER EXPOSED WITH FORM FITTING WRAPS.  
6. PROVIDE ALL LOCKING AS REQUIRED.  
7. SILICONE SEAL ALL FIXTURES TO WALL AND/OR FLOOR AS REQUIRED.  
8. ALL ACCESSORIES SHALL BE THRU-BOLT AT TOILET PARTITION LOCATIONS.  
9. INSTALL 5'-0" TALL TOILET PARTITIONS AT 1'-0" A.F.F. SEE ENLARGED DETAIL FOR CENTERS.  
10. INSTALL BOX WALL SCONCE LIGHT 7'-0" A.F.F. SEE SHEET A3.0 FOR LOCATION.  
11. WATER CLOSET SEAT HEIGHT: 17" TO 19" A.F.F.  
12. GRAB BARS AT SIDE OF WATER CLOSET: 42" LONG, T.O. BAR MOUNTED 33" TO 36" A.F.F.  
13. TOILET PAPER DISPENSER, CENTERED 12" MAX. FROM FRONT OF TOILET, 19" MIN. A.F.F.  
14. GRAB BAR DIAMETER: 1" MAX TO 1 1/8" O.D.  
15. GRAB BAR BEHIND WATER CLOSET: 36" LONG, T.O. BAR MOUNTED 33" TO 36" A.F.F.

INTERNATIONAL SYMBOL OF ACCESSIBILITY:  
TO BE INSTALLED ON EXTERIOR OF THE TOILET ROOM DOOR. (RE. ELEVATION DETAIL BELOW) IDENTIFICATION SIGNS ARE RAISED SAN SERIF OR SIMPLE SERIF AND ALSO HAVE GRADE 2 BRAILLE, PICTORIAL SYMBOLS AND INCLUDE VERBAL DESCRIPTION. ROOM IDENTIFICATION SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE ROOM DOOR AT A HEIGHT OF 60" A.F.F. PROVIDE CLEAR FLOOR SPACE AT SIGN.



707E South Allen Way  
Suite 1012  
Carmichael, CA 95610  
(916) 483-0002

CALIFORNIA ARCHITECTURAL GROUP P.C.

7/17/15

APPROVED  
City of San Jose, Building Division  
Frank Cozzitorto, PL (408) 535-7665  
Date: \_\_\_\_\_

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PROJ. NO. • 14923  
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REVISION • -/-/-  
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DRAWING TITLE •  
RESTROOM FINISH PLAN

A9.2

REV PERMIT SET - 07/29/15

DIVISION 1 - GENERAL REQUIREMENTS

SECTION 0220 - GEOTECHNICAL DATA

1. Subsurface Report

a. The Owner has had a subsurface investigation performed by a geotechnical consultant, the results of which are contained on the structural drawings. The consultants report presents his conclusions on subsurface conditions, based on his interpretations of the data obtained in the investigation. The Contractor acknowledges that he has reviewed the consultants report and any addenda thereto, and that his Bid for excavation operations, including all necessary rock removal, is based on subsurface condition as described in that report. It is recognized that a subsurface investigation may not disclose all conditions, as they actually exist between the time of a subsurface investigation and the time of excavation operations. In recognition of these facts, this clause is entered in the Contract to provide a means of equitable additional compensation for the Contractor if adverse unanticipated conditions are encountered, and to provide a means of rebate to the Owner if the conditions are more favorable than anticipated.

b. At any point in time during excavation operations that the Contractor encounters conditions that are different than those anticipated by the foundation consultants report, he shall immediately (within 24 hours) bring this fact to the Owners attention. Once a fact of unanticipated conditions has been brought to the attention of the Owner, and the consultant has concurred, immediate negotiations will be undertaken between the Owner and the Contractor to arrive at a change in contract price for additional work or reduction in work because of the unanticipated conditions. The Contractor agrees that his stated unit price would apply for additional or reduced work under the Contract.

c. The soil investigation report is not intended as representations or warranties of accuracy of continuity between soil borings, and furnished only as a matter of convenience to the Bidder.

SECTION 01451 - TESTING AND INSPECTION SERVICES

1. SUMMARY

a. This Section includes the following:

1. Earthwork Testing and Inspection Service.
2. Asphalt Paving Testing and Inspection Service.
3. Cement Concrete Paving Testing and Inspection Service.
4. Concrete Testing and Inspection Service.
5. Structural Steel, Steel Joist and Metal Deck Inspection Service.
6. Rough Carpentry.
7. Air Balance Testing and Inspection Service.

2. TESTING - GENERAL

a. The Owner employs one or more special inspectors who provide inspections during construction on the types of work listed under Section 1701 of the IBC and article 1.6 below.

b. The Contractor shall provide such equipment and facilities as the Testing Agency may require for conducting field tests and for collecting and forwarding samples. The Contractor shall not use any materials or equipment represented by samples until tests, if required, have been made and the materials or equipment found to be acceptable. Any product which becomes unfit for use after acceptance shall not be incorporated into the work.

c. All materials or equipment, proposed to be used, may be tested at any time during their preparation or use. The Contractor shall furnish the required samples without charge and shall coordinate testing with the Owner's Representative and/or Testing Agency to allow sufficient time for testing before placing orders or starting work. Products may be tested either prior to shipment or after being received at the jobsite.

d. Tests shall be made by an accredited testing agency with a minimum of 5 years experience in the specific type of testing to be performed. Except as otherwise provided, sampling and testing of all materials and the laboratory methods and testing equipment shall be in accordance with the latest standards and tentative methods of the American Society for Testing Materials (ASTM).

e. Where additional or specific information concerning testing methods, samples sizes, etc., is required, such information is included under this section of the Specifications.

3. TESTING REQUIRED OF CONTRACTORS

The following testing shall be performed at the expense of the Contractor installing the material being tested:

a. Material or Method Substitution: Any tests of basic material, fabrication equipment or method offered as a substitute for specified items or methods on which a test may be required in order to prove its compliance with the specifications.

b. Product Performance Verification: The Supplier of products specified based on performance criteria shall, at the request of the Architect or Structural Engineer, inspect the installed product and certify conformance of the product to specified criteria under the installed conditions.

c. Corrective measures resulting from any test that fails shall be paid for by the installing contractor and shall be subject to the necessary by the Testing Agency.

1. Quantity and nature of additional testing, if required, will be determined by the responsible consultant.
2. All additional tests shall be taken in the presence of the responsible consultant or his representative.
3. Proof of noncompliance will make the installing contractor liable for any corrective action which the responsible consultant feels is prudent, including complete removal and replacement of defective material.
4. Nothing contained herein is intended to imply that the installing contractor does not have the right to have tests performed on any material at any time for his own information and job control so long as the Owner does not assume responsibility for costs or for giving them consideration when appraising quality of materials.

4. CONTRACTOR'S QUALITY CONTROL SYSTEM

a. General: The General Contractor shall establish a quality control system and shall perform sufficient inspection and tests of all items of work, including that of his subcontractors, to ensure conformance to the Contract Documents for materials, workmanship, construction, finish, functional performance and identification. Control system is the means by which the Contractor shall ensure that his construction complies with the requirements of the Contract Documents. Controls shall be adequate to cover all construction operations. Quality Assurance/Construction inspections conducted by the Owner's independent testing agency does not relieve the Contractor of the requirement to provide a quality control program.

5. MANUFACTURER'S FIELD SERVICES

a. When specified in respective Specification sections, Contractor shall require supplier or manufacturer to provide qualified personnel to observe field conditions, conditions of surfaces and installation, quality of workmanship, testing, and to make appropriate recommendations.

b. Manufacturer's submit written report to the Architect and responsible Engineer listing observations and recommendations.

6. INDEPENDENT TESTING AGENCY SERVICES

a. General: The Owner will employ and pay for the services of an independent Testing Agency to perform the following inspections, tests and other services. Services shall be performed in accordance with requirements of governing authorities and with specified standards.

b. Testing Agency Qualifications

1. For each type of inspection and testing service to be performed, the Testing Agency shall submit certification, signed and sealed by the Agency's professional engineer, of compliance with all applicable requirements of the following:
  - a. ASTM E529, "Standard Recommended Practice for Inspection Agencies for Concrete, Steel and Bituminous Materials Used in Construction."
  - b. "Recommended Requirements for Independent Laboratory Qualifications" published by the American Council of Independent Laboratories.

2. Furnish evidence, satisfactory to the Structural Engineer, that all equipment to be used has been calibrated in accordance with applicable ASTM standards within the last year and is in proper working order.

3. Testing and inspection services shall be performed only by trained and experienced technicians currently qualified for the work they are to perform. Documentation of such training and experience shall be submitted to the Owner, Architect and Structural Engineer upon request. Weld inspection shall be done only by inspectors currently certified by the American Welding Society only.

c. Soil Material and Soil Compaction

1. The Testing Agency will prepare one optimum moisture-maximum density curve for each type of soil encountered in subgrades under paved areas or areas to be determined in accordance with ASTM 1557 for all materials with a plasticity index of less than 20 and ASTM D698 for clay soil with a plasticity index of 20 or more.

2. Each type of borrow material will receive, as applicable:

- a. Mechanical Analysis
- b. Moisture-density curve determination
- c. Plasticity index determination

3. Compacted fill, subgrades under compacted fill or paved areas and backfill at all utility trenches (includes those by utilities companies) shall be tested as follows:

- a. The top 12 inches of subgrade resulting from excavation shall have the maximum density at optimum moisture specified under Section 02200 Earthwork. Make at least one field density test of the subgrade for every 5000 square foot of area, but in no case less than three tests.
- b. In each compacted fill layer, make one field density test for every overlying 5000 square feet of area, but in no case less than three tests. Perform field density tests in accordance with ASTM D1559, ASTM D2167, or ASTM D2922.
- c. The relative density of a cohesionless, free-draining soil, expressed as a percentage, is defined as its state of compactness with respect to the most loose and most compact states at which it can be placed by laboratory procedures. The relative density will be based on the following formula, wherein the maximum density is the highest dry unit weight of the soil, minimum density is lowest dry unit weight of the soil, and in-place density is the dry unit weight of the soil in place:

$$\text{Relative Density (\%)} = \frac{\text{Max. Den.} \times (\text{in-place den.} - \text{min. den.})}{\text{in-place den.} \times (\text{max. den.} - \text{min. den.})}$$

d. Concrete Work:

1. Concrete inspection and testing will be made in accordance with building code requirements, and Contract Documents, and will include the following:

- a. Testing concrete for strength, slump, air content, temperature, and unit weight.
- b. Making and testing concrete cylinders, including furnishing cylinder containers for specimens.
- c. Transporting and storing of all specimens involved in testing and inspection. Test cylinders are to be transported to laboratory not later than 24 hours after casting, nor earlier than 16 hours after casting.
- d. Inspection of mixing and placing of concrete at the site, including recording of amount and location of concrete placement, truck number and amount of water added to each load of concrete tested, time of transit, time mixed on job, time placement was completed, method of placing concrete, and any other pertinent information.

2. Test Specimens:

- a. The Testing Laboratory will take specimens of each class of concrete from different locations on the job as follows: At least one set of four cylinders for each 50 cubic yards or fraction thereof of all other concrete, but not less than one set for any one day's operations. Every concrete truckload shall be checked for proper slump.
- b. For concrete placed by pumping, test specimens and concrete used for determination of slump, air content, and weight are to be taken at the point of placement of concrete into the forms.
- c. For concrete placed in sidewalks, curb and gutter, test specimens and concrete used for determination of slump, air content, and weight are to be taken at the point of placement of concrete into the forms. Take at least one set of four cylinders for each 100 linear feet or fraction thereof.
- d. Samples will be obtained in accordance with ASTM C172.
- e. Making, curing and subsequent handling of test cylinders, except as modified herein, shall be in accordance with ASTM C31. Testing shall be in accordance with ASTM C39.
- f. The cylinders shall be placed in laboratory storage under moist curing conditions at approximately 70 degrees F. within 24 hours after molding, and maintained therein until tested. Tests will be as follows:
  - 1) One cylinder shall be tested at 7 days for information.
  - 2) Two cylinders shall be tested at 28 days for acceptance. The acceptance test results shall be the average strength of these two cylinders.
  - 3) One cylinder shall be tested at 45 days for information.

3. Test Reports: Reports of cylinder tests shall be submitted as specified herein within five days of laboratory testing. Test reports shall, as a minimum, include:

- a. Project data, including project name and address, concrete supplier, supplier's delivery ticket number and mix identification number, Testing Agency's test or cylinder identification number, and location of pour.
- b. Results of field testing at time of sampling including date and time of sampling, amount of water added at site prior to sampling, ambient air temperature and concrete temperature, concrete slump and air content, concrete wet unit weight, time batched, and time placed.
- c. Results of laboratory testing including date test specimens were transported to laboratory, date and age of concrete at time of testing, compressive strength of each cylinder tested, average compressive strength of tested cylinders, and specified design strength of concrete represented by the test.

4. Additional Testing: Contractor shall bear the cost of testing and inspection resulting as a consequence of the following:

- a. Work not in compliance with the Contract Documents.
- b. Testing requested by the Contractor or Subcontractor such as additional cylinders for early breaks, etc.
- c. Testing to verify the adequacy of work done without prior notice, without proper supervision, or contrary to standard construction practice.

5. Reinforcing Steel Inspection: Concrete reinforcing shall be inspected prior to closing of concrete formwork or placing of concrete. Inspect all reinforcing for conformance with contract requirements. Submit written reports of all inspections as specified herein on a weekly basis. Such reports shall include a description of each area inspected, deficiencies noted, and corrective action undertaken to resolve such deficiencies. Deficiencies observed shall immediately be brought to the attention of the Contractor's Field Superintendent. In the event deficiencies are not corrected, or if an interpretation of the contract documents is required, the Structural Engineer shall be immediately notified.

f. Structural Steel and Metal Fabrications:

1. The Testing Agency shall be responsible to inspect all field connections as specified herein. The Testing Agency may also conduct inspections at the fabricator's facility during steel fabrication.
2. For steel fabrication done in non-domestic (non-U.S.) fabrication facilities, inspections at the fabrication facility during steel fabrication by the Testing Agency shall witness such AISC, AWS, and project specifications, shall be done at the expense of the General Contractor.
3. The Testing Agency's inspector will perform his duties in such a way that neither fabrication nor erection is unnecessarily delayed or impeded. In no case will the inspector recommend or prescribe the method of repair of a defect.
4. Shop and/or field inspection by the Testing Agency of fabricated and/or erected steel will be such as to assure that the work conforms to specified requirements and will include:
  - a. Inspection of welding as required herein.
  - b. Ascertainment of proper fit-up and alignment.
  - c. Ascertainment of proper installation and tensioning of bolts.
  - d. Ascertainment that Contractor's erection procedures adequately correct for distortion and shrinkage in field welded assemblies and connections.
5. Welding and Materials:
  - a. Inspection of welding by the Testing Agency will be such as to assure that the work conforms to specified requirements, and will include:
    - 1) Ascertainment that electrical shielded metal arc welding and the electrodes and flux used for submerged arc welding conform to the requirements of Section 05120.
    - 2) Ascertainment that the approved welding procedure and the approved welding sequence is followed without deviation, unless specific approval for change is obtained from the Structural Engineer.
    - 3) Ascertainment that the welding is performed only by welding operators and welders who are properly certified. The Testing Agency shall witness such qualification testing of welding operators and welders, as may be required.
    - 4) Ascertainment that the fit-up, joint preparation, size, contour, extent of reinforcement, and length and location of welds conform to specified requirements and the contract drawings, and that no specifications are omitted or unspecified welds added without approval of the Structural Engineer.
  - b. The Testing Agency shall test field welds as follows:
    - 1) All welds, including wall and shoring connections: 100% visual.
    - 2) All full or partial penetration groove welded connections: 100% ultrasonic.
    - 3) All air cuts: 10% magnetic particle.
  - c. Additional testing will be required of:
    - 1) If more than 10 percent of the tested welds are rejected, then an additional 10 percent of all such welds shall be tested using the same method. This 10 percent additional testing process shall be repeated until the rejection rate drops below one in 10.
    - 2) All cost of additional inspection required by this paragraph shall be borne by the Contractor.
  - d. In addition, if defective welds are discovered, the remaining uninspected welds shall receive such ultrasonic or magnetic particle inspection as may be required by the Structural Engineer.
  - e. The welding inspector will have the authority to reject weldments. Such rejection may be based on visual inspection where in his opinion the weldment would not pass a more detailed investigation.
  - f. Reports by the Testing Agency's inspector will contain, as a minimum, an adequate description of each weld tested, the identifying mark of the welder responsible for the weld, a critique of any defects noted by visual inspection or testing, and a statement regarding the acceptability of the weld tested, as judged by current A.W.S. standards. Reports shall be distributed as early as possible but not later than one workweek after the tests have been performed. The Structural Engineer shall be notified by phone if, in the judgment of the inspector, test results require immediate comment.
  - g. Radiographic testing may be substituted for ultrasonic.

6. Bolted Connections: Visually inspect all bolted connections to ascertain that all bolts, nuts, and required washers have been installed and are of proper type and that all lapping surfaces have been brought into snug contact.

7. Tensioned High Strength Bolts:

- a. Standard Bolts:
  - 1) Inspect the bolt tightness of 10% of the bolts (minimum of 2), selected at random in each high strength bolted connection of structural steel framing on the project. If rejectable bolts are found in any connection, all the remaining bolts in that connection shall be inspected for tightness.
  - 2) Inspection procedure shall be in accordance with "Specification for Structural Joints Using ASTM A325 or A490 Bolts" approved by Research Council on Riveted and Bolted Structural Joints of the Engineering Foundation (Research Council on Structural Connections).
- b. Tension Control (Self-Indicating Bolts):
  - 1) Inspect tightness of 10% (minimum of 2) of the bolts, selected at random in each high strength bolted connection on the structural steel framing on the project in accordance with the procedure specified for standard bolts, first paragraph.
  - 2) Perform a visual inspection of all remaining high strength bolted connections to assure that all torque-uff splines have been sheared. When splines are not sheared, the Testing Agency shall determine that proper bolt tension has been achieved by the application of a properly calibrated testing torque or the Contractor may, at his option, remove and replace all bolts with unsheared splines. All cost of additional inspection required by this paragraph shall be borne by the Contractor.
  - 3)

g. Metal Deck:

1. The Testing Agency will visually inspect all metal deck to observe that material is in acceptable condition and has been properly installed.

2. The Testing Agency shall visually inspect all deck welds prior to being covered by other work.

h. Drilled-In Inserts:

Self-Expanding Inserts: The Testing Agency shall inspect self-expanding, drilled-in inserts shown on the structural drawings as follows:

1. Prior to installation, the Testing Agency shall determine that the installing contractor has the proper materials and equipment for drilling holes in the receiving surface of required diameter and length.
2. All inserts shall be visually inspected after installation to ensure that they have been installed perpendicular to the receiving surface and to proper depth.

i. Wood Framing:

1. Observe placement of framing hardware. Verify hardware is installed per manufacturer's requirements/directions.

j. Grading, excavation and filling. During earthwork excavations, grading and filling operations inspections.

DIVISION 2 - SITE CONSTRUCTION

SECTION 02100 - SITE CLEARING

1. Remove improvements or obstructions interfering with installation of new construction. Remove such items elsewhere on site or premises as specifically indicated. Removal includes digging out stumps and roots.

2. Topsoil: Topsoil is defined as friable clay loam surface soil found in a depth of not less than 4". Satisfactory topsoil is reasonably free of subsoil, clay lumps, stones, and other objects over 2" in diameter, and without weeds, roots, and other objectionable material.

3. Strip topsoil to whatever depths encountered in a manner to prevent intermingling with underlying subsoil or other objectionable material. Stockpile topsoil for use in landscape and green areas, excess shall be removed from site.

4. Remove heavy growths of grass from areas before stripping.

5. Stockpile topsoil in storage piles in areas shown, or where directed. Construct sufficient piles to freely drain surface water. Cover storage piles if required to prevent wind-blown dust. Stockpile sufficient topsoil for 12" minimum depth in landscaped areas.

6. Clearing and Grubbing: Clear site of trees, shrubs and other vegetation, except for those indicated to be left standing.

7. Completely remove stumps, roots, and other debris protruding through ground surface.

8. Removal of Improvements: Remove above-grade and below-grade improvements necessary to permit construction and other work as indicated.

9. Abandonment or removal of certain underground pipe or conduits may be shown on mechanical or electrical drawings, and is included under work of those sections. Removal of abandoned underground piping or conduit interfering with construction is included under this section.

10. Provide protection to improvements to remain.

SECTION 02200 - EXCAVATION, BACKFILLING, COMPACTION, AND GRADING

The following are general guidelines for excavation, backfilling, compaction and grading. The contractor shall follow the specific recommendations made in the soils report and/or construction documents. When not specifically addressed in the construction documents, contractor shall comply with the provisions herein.

1. Excavate for footings, foundations structures, utilities, etc. to indicated depth. All excavation shall be assumed as earth.

a. Trim bottoms to leave solid, undisturbed base for concrete placement. See Soils Report for bearing capacity.

b. All foundation excavation shall be kept dry, and protected from freezing.

c. Correct unauthorized excavation in a manner acceptable to Owner.

2. Excess earth not required for backfill shall be removed from site. General Contractor responsible for topsoil placement and grading to grade.

3. Compact backfill to density of adjacent soil, as follows, whichever is greater: (Refer to Soils Report for other recommendations).

a. Compact soil to not less than the following percentages of maximum density for soils, which exhibit a well-defined moisture density relationship (cohesive soils) determined in accordance with ASTM D1557, and not less than the following percentages of relative density, determined in accordance with ASTM D2049, for soils which will not exhibit a well-defined moisture-density relationship (cohesionless soils).

b. Under Buildings and Paved Areas: Compact top 8 inches of existing surface and each layer of backfill of fill material to 95 percent maximum density (Standard Proctor) for cohesive soil or 98 percent relative density (Standard Proctor) for cohesionless soils.

c. Other Areas: Compact 8 inches of existing ground surface and each layer of backfill of fill material to 90 percent maximum density (Standard Proctor) for cohesive soils or 85 percent relative density (Standard Proctor) for cohesionless soils.

d. Where soil materials must be moisture conditioned before compaction, uniformly apply water to surface. Prevent free water from appearing on surface of soil materials during or subsequent to compaction operation.

e. Remove and replace, or scarify and air dry soil material that is too wet to permit compaction to specified density.

4. Backfill and fill materials

a. Sand or sand on gravel at engineered (clean) earth fill shall be used under floor slabs on-grade, to underside of crushed stone underlayment.

b. Earth materials taken from the excavation operations and stockpiled on site as acceptable fill material, capable of meeting the specified compaction requirements, shall be used as fill material in areas outside the building.

- 1) Only 1-inch washed gravel, pea gravel or sand shall be used in utility trenches in paved areas, to top of organic.

c. Existing paving, organic material or existing soils shall not be used for filling under floor slabs or for filling under pavement.

d. Granular fill under slabs on grade shall be No. 57, 6, or 67 crushed stone per ASTM D448.

e. Remove rock or gravel larger than 2 inches in any dimension, debris, waste, obstructions, and deleterious matter from ground surface prior to placement of fills.

5. Grade site to establish required elevations. Maintain proper drainage ways to direct water away from building in final grading.

a. Storm drainage shall be provided as indicated on site plan(s) and installed in accordance with state and local codes and ordinances.

6. Grade areas to smooth finished surfaces free from irregular surface changes. Compact with uniform levels or slopes between points and existing perimeter grades.

SECTION 02801 - TERMITE CONTROL

1. Provide soil treatment within 5'-0" beyond new building limits by licensed pest control company, to comply with local jurisdiction.

- a. Provide certificate of application to Owner.

2. Use an emulsifiable concentrate termicide for dilution with water, specially formulated to prevent infestation by termites. Fuel oil will not be permitted as a dilutant. Provide a solution consisting of one of the following chemical elements and concentrations.

a. Chlorpyrifos (Dursban TC): 1.0 percent water emulsion.

b. Permethrin ("Dragnet", "Torpedo"): 0.5 percent in water emulsion.

3. Other solutions may be used as recommended by Applicator if also acceptable to the Owner and approved for intended application by jurisdictional authorities. Use only soil treatment solutions that are not injurious to planting.

a. Compact aggregate base course materials to not less than 95 percent of maximum density, ASTM D1557, Method D.

4. Apply toxicant 12 hours prior to installation of vapor barrier under slab on grade or finish grade outside foundation walls.

5. Apply toxicant using metered applicator, per manufacturer's instructions, but not less than the amounts as follows:

- a. Base course aggregate: 8" DGA, compacted thickness.
- b. Binder course: 2" compacted thickness.
- c. Surface course: 1" compacted thickness. Provide a dense graded mix to produce a tight, non-porous finished surface.

6. Apply extra treatment to structure penetrations, pipe, ducts, and other soil penetrations.

7. Coordinate soil treatment at foundation perimeter with finish grading to prevent disturbance of treated soil. Re-treat disturbed treated soil.

SECTION 02600 - CONCRETE PAVING

1. Provide materials and methods conforming to State Highway Department Standards.

2. Furnish and install aggregate base, Portland cement concrete paving, including curbs, gutters and flatwork at Grade surfaces as indicated on the Drawings.

3. Materials:

a. Refer to Section 03300 for additional concrete material requirements.

b. Aggregate base: Class 2, 3/4" maximum aggregate size, in conformance with CSS, Section 26.

c. Forms: Use steel, wood or other suitable material of size and strength to resist movement during concrete placement and to retain horizontal and vertical alignment until removal.

1. Use straight forms, free of distortion and defects.
2. Use flexible spring steel forms, or laminated boards to form radius bends as required.
3. Coat forms with a non-staining form release agent that will not discolor or deface surface of concrete.

d. Portland Cement: Type I, ASTM C150 unless noted otherwise in the Geotechnical Report.

e. Aggregate: ASTM C33, 3/4" maximum size.

f. Expansion Joint Filler: Pre-molded joint filler of non extruded and resilient, non-bituminous type conforming to ASHTO M135.

g. Liquid Membrane Forming Curing Compound: Comply with ASTM C309, Type I, Class A, wax free. "Spartan-Cote" manufactured by The Burke Company.

h. Bonding Compound: Polyvinyl acetate or acrylic base, re-wettable type.

i. Epoxy Adhesive: ASTM C881, two-component material suitable for use on dry or damp surfaces. Provide material type, grade, and class to suit Project conditions.

j. Joint Sealer: Conforming to the approved color admixture manufacturer specification. "Lithochrome Colorcalk" manufactured by L.M. Schofield Company or equal.

k. Seal coat: Sealight: Vccomp-25 by W.R. Meadows, Inc.

4. Design mix to produce normal-weight concrete consisting of Portland cement, aggregate, and admixtures and water.

5. Comply with the Local Regulatory Agency for City of Lander requirements for all work within the Public Right of Way. All flat work within the Public Right of Way and on site shall conform to ADA Standards and specific details of Local Regulatory Agency.

6. Curbs and Gutters

a. Automatic machine may be used for curb and gutter placement at Contractor's option.

1. If machine placement is to be used, submit revised mix design and laboratory test results which meet or exceed minimums specified.
2. Machine placement must produce curbs and gutters to required cross-section, lines, grades, finish, and jointing as specified for formed concrete.
3. If results are not acceptable, remove and replace with formed concrete as specified.

b. All vertical curb and curb and gutter shall conform to the lines and grade shown on the Drawings.

c. Minimum of 4 inches of aggregate base shall be placed under all concrete curb.

7. Joints:

a. Expansion, weakened-plane (contraction), and construction joints for curb and gutter shall be constructed true-to-line with face perpendicular to surface of concrete.

1. Construct transverse joints at right angles to the centerline, unless otherwise indicated.
2. When jointing existing structures, place transverse joints to align with previously placed joints, unless otherwise indicated.

b. Expansion, weakened-plane (contraction), and construction joints for flatwork shall be constructed true-to-line and aligned as specified in this Section.

c. Weakened Plane/Contraction Joints:

1. Provide weakened-plane/contraction joints at 10'-0" for curb and gutter.
2. Provide weakened-plane/contraction joints at 4'-0" for concrete flatwork, unless otherwise shown.
3. Construct weakened-plane joints for a depth equal to at least 1/4 concrete thickness, as follows:
  - aa. Tooled Joints: Form weakened-plane joints in fresh concrete by grooving top portion with a recommended tool and finishing edges with a 2 - inch halo tool

d. Construction Joints: Place construction joints at end of placements and at locations where placement operations are stopped for a period of more than 1 1/2 hours, except where such placements terminate at expansion joints.

1. Construct joints as indicated on the Drawings, or if not indicated, use standard metal keyway section forms.

e. Expansion Joints: Provide pre-molded joint filler for expansion joints abutting concrete curbs, catch basins, manholes, inlets, structures, walks and other fixed objects, unless otherwise indicated.

1. Provide expansion joints at 20'-0" for curb and gutter.
2. Provide expansion joints at 20'-0" on center for flatwork, unless otherwise indicated. Final location shall be approved by the Architect.
3. Extend joint fillers full-width and depth of joint, and not less than 1/2 inch or more than 1 inch below finished surface where joint sealer is indicated. If no joint sealer, place top of joint filler flush with finished concrete surface.
4. Furnish joint fillers in one-piece lengths for full width being placed, wherever possible. Where more than one length is required, leave or clip joint filler sections together.
5. Protect top edge of joint filler during concrete placement with a metal cap or other temporary material. Remove protection after concrete has been placed on both sides of joint.

f. Joint Sealer: Provide joint sealer for expansion joints. Place sealant full length of joint and to 1/4" below finish surface of concrete.

8. Finishing exposed slabs: Finish slabs to true planes and provide light broom finish as acceptable to Owner. All exterior exposed concrete shall receive an anti-spall treatment of 50% (by volume) bottled insect oil and 50% (by volume) mineral spirits, per AASHTO M233. First application: 40 sq. yds. per gallon and allow to completely dry. Second application: 60 sq. yds. per gallon and allow to completely dry.

a. Vertical surfaces shall be rubbed with medium coarse carborundum stone and water to provide a smooth texture of uniform color, form mark free.

b. All concrete surfaces shall be stripped and rubbed same day.

9. Tolerance: Finished slabs shall be level with tolerance of 1/8" in ten feet, when tested with ten foot straight edge placed on the surface at not less than two different angles. Uniformly slope surface to area drain.

SECTION 02510 - ASPHALTIC CONCRETE PAVING

1. Provide materials and methods conforming to State Highway Department Standards.

2. Use only materials that are furnished by a bulk asphaltic concrete producer regularly engaged in production of hot-mix, hot-laid asphaltic concrete, complying with ASTM D3515.

3. The paving contractor shall provide a written guarantee for a period of eighteen (18) months from date of substantial completion, that all labor and material furnished and all work performed are in accordance to the contract documents, and any imperfect workmanship and/or materials will be replaced and/or repaired at no additional cost to the Owner.

4. Any work noted on the drawings or specified herein to encroach on right-of-way shall conform to the regulations of the agency having jurisdiction.

5. The subgrade in areas to be paved shall be true to line and grade, free from all loose rock, foreign materials, and shall have a dry and properly prepared surface, compacted with a mechanical tamper or proof roll with heavy pneumatic-tired equipment immediately prior to placing the dense graded aggregate base course. Any soft or unstable zones detected thereby should be undercut to firm soil and backfilled with engineered earth fill, compacted as specified. The subgrade for all pavements shall be uniformly stable before any dense graded aggregate base is installed.

6. Pavement make-up, unless otherwise noted on site plan or recommended in soil report.

a. Base course aggregate: 8" DGA, compacted thickness.

b. Binder course: 2" compacted thickness.

c. Surface course: 1" compacted thickness. Provide a dense graded mix to produce a tight, non-porous finished surface.

7. The base course shall consist of dense graded aggregate, plant mix; placed and compacted in accordance with the local Highway Department Standard Specifications.

a. Compact aggregate base course materials to not less than 95 percent of maximum density, ASTM D1557, Method D.

8. Asphalt Materials:

- a. Asphalt Cement: ASTM D 3381 for viscosity-graded material; ASTM D 946 for penetration-graded material.
- b. Asphalt Cement: ASTM D 3381 for viscosity-graded material.
- c. Undersealing Asphalt: ASTM D 3141, pumping consistency.
- d. Prime Coat: Asphalt emulsion primer conforming to state DOT requirements.
- e. Tack Coat: ASTM D 977, emulsified asphalt or ASTM D 2397, cationic emulsified asphalt, slow setting, factory diluted in water, of suitable grade and consistency for application.

DIVISION 4 - MASONRY

SECTION 04200 - CONCRETE UNIT MASONRY

- Concrete Masonry Units:
  - Concrete masonry units shall be from one manufacturer, of uniform texture and color for each type required.
  - Concrete masonry units: Nominal face dimensions of 8 inch wide x 8 inch deep x 16 inches long, unless otherwise indicated; complete with corners, bases, bond beams, lintels and fillers to match concrete masonry units; 1-1/4" minimum face shall be cured in a moisture-controlled atmosphere or in an autoclave at normal pressure and temperature to comply with ASTM C90, Grade N, Type I.
  - When concrete unit masonry units are removed from the manufacturers storage area, each cube or block shall be covered on top and all sides with a waterproof protective material. Protective covering shall be applied prior to the blocks being exposed to the weather.
- Mortar: ASTM C476, Type S, 1800 psi at 28 days.
  - Portland Cement: ASTM C150, Type I.
  - Aggregates: ASTM C144, standard masonry type; clean, dry and protected against dampness, freezing and foreign matter.
  - Hydrated Lime ASTM C207, Type S.
  - Water: Clean and free from injurious amounts of oil, alkali, organic matter or other deleterious material.
  - Use no admixtures unless written approval is obtained from Owner.
- Grout: Masonry mortar, consistency which will completely fill all spaces intended to receive grout.
- Reinforcing Bars: 60 ksi yield grade; deformed billet steel bars, ASTM A615.
- Horizontal reinforcement: True type ASTM A92 hot dip galvanized steel wire after fabrication ASTM A153 Class B2 with not less than #9 side rods with #9 cross rods.
  - Dur-O-Wal, AA Wire Products, Heckman, or equal.
- Maintain materials and surrounding air temperature to minimum 50 degree F, prior to, during and 48 hours after completion of masonry work or until complete hydration of the mortar is achieved whichever is greater.
- During freezing or near freezing weather provide adequate equipment or cover to maintain a minimum temperature of 50-degree F, and to protect masonry work completed or in progress.
- Establish lines, levels, and cursing. Protect from disturbances.
- Thoroughly mix mortar ingredients, in quantities needed far immediate use.
  - If necessary, re-temper mortars to replace water lost by evaporation, but do not re-temper or use mortar after two (2) hours from the initial mixing time.
- Place masonry true, level and plumb in accordance with required lines and levels. Do not wet concrete masonry units. Align all vertical faces to maintain a clear, unobstructed system for grouting.
- Full bond external and internal corners and intersections.
  - Buttering corners of joints and deep or excessive furrowing of mortar joints will not be permitted.
- Do not shift or tap masonry after mortar has taken initial set. Where adjustments must be made, remove mortar and replace.
- Lay out masonry so not less than one-third (1/3) of the face of a unit is exposed on the face of the wall at openings, corner or offsets.
- Perform jobsite cutting of masonry with proper power tools to provide straight and true, unchipped edges.
- Ensure masonry courses are of uniform height. Make vertical and horizontal joints equal and of uniform thickness. Lay in full bed of mortar, properly jointed with other work.
- Remove excess mortar and projections. Take care to prevent bracking masonry corners.
- Lay all masonry units in running bond course 1 block unit and 1 mortar joint to equal 8 inches. Form concave mortar joints, where exposed; slick flush where concealed.
- Provide temporary bracing during masonry erection Maintain in place until building structure provides permanent bracing.
- Place masonry reinforcing and anchorages for concrete unit masonry as follows:
  - Provide single wythe walls with horizontal masonry reinforcing in every second mortar joint.
  - Place horizontal masonry reinforcing in first and second joint above and below openings. Place continuous in first and second joint below top of walls.
  - Fully reinforce corners and intersections, using prefabricated corner and "V" reinforcement sections.
  - Lap masonry reinforcing splices minimum 6 inches.
  - Place vertical reinforcing at indicated centers. Grout cores solid in 4'-0" maximum lifts.
- As work progresses, build-in anchor bolts, and other items embedded in masonry.
- Remove excess mortar and smears upon completion of masonry work.
  - Clean soiled surfaces of all masonry work exposed to view using sand and water, fiber brushes and soap as required. Remove all dirt, mortar, stains and other defacements.
- Clean and remove all mortar droppings from floor.
- Cover tops of walls when work is not in progress.

DIVISION 5 - METALS

SECTION 05540 - ARCHITECTURAL METAL FABRICATIONS

- Work includes miscellaneous shop fabricated ferrous metal items, including but not limited to:
  - Loose steel lintels at masonry openings
  - Pipe Bollards
  - Steel Trash Enclosure Gates & Frames
  - Trench Drain Covers
  - Counter / Vanity Supports
  - Miscellaneous framing, supports and trim.
- Materials
  - Steel Sections: ASTM A36
  - Steel Tubing: ASTM A500 or ASTM A501
  - Steel Pipe: ASTM A53, Grade B, standard weight (Schedule 40).
  - Malleable Iron Castings: ASTM A47
  - Bolts, Nuts, and Washers: ASTM A307
  - Welding Materials: ASW D1, 1; type required for materials being welded.
  - Primer SSPC-Paint 2, for shop application and field touch-up.
- Fabrication:
  - Verify dimensions in field prior to shop fabrication.
  - Fabricate items with joints tightly fitted and secured.
  - Fit and shop assemble in largest practical sections, for delivery to site.
  - Prime paint items schedule to provide a uniform dry film thickness of 2.0 mils.
  - Ladders:
    - Fabricate ladders for the locations shown, with dimensions, spacing, details and anchorage as indicated. Comply with the requirements of ANSI A 14.3, except as otherwise indicated.
      - Unless otherwise shown, provide 1/2" x 2-1/2" continuous structural steel flat bar side rails with eased edges, spaced 24" apart.
      - Provide 3/4" diameter solid structural steel bar range, spaced 12" o.c.
    - Fit rungs in centerline of side rails, plug weld and grind smooth on outer rail faces.
    - Support each ladder at top and bottom and at intermediate points, spaced not more than 5'-0" o.c. Use welded or bolted steel brackets, designed for adequate support and anchorage, and to hold ladder clear of the wall surface with a minimum of 7" clearance wall to centerline of rungs. Return rails to wall or structure unless other secure handholds are provided.
    - Provide non-slip surface on top of each rung, either by coating the rung with aluminum oxide granules set in epoxy resin adhesive, or by using a type of manufactured rung which is filled with aluminum oxide grit.
- PIPE BOLLARDS
  - Fabricate pipe bollards from Schedule 80 steel pipe.
- ROUGH HARDWARE
  - Furnish bent, or otherwise custom-fabricated, bolts, plates, anchors, hangers, dowels, and other miscellaneous steel and iron shapes as required for framing and supporting woodwork, and for anchoring or securing woodwork to concrete or other structures. Straight bolts and other stock rough hardware items are specified in Division 6 Sections.
  - Fabricate items to sizes, shapes, and dimensions required. Furnish malleable-iron washers for heads and nuts that bear on wood structural connections, and furnish steel washers elsewhere.

SECTION 05580 - SHEET METAL FABRICATIONS

- This Section includes the following:
  - Stainless Panels and trim.
- Sheet Metal
  - General: Provide sheet metal selected for surface flatness, smoothness, and freedom from surface blemishes where exposed to view in the finished unit. Do not use materials with pitting, seam marks, roller marks, variations in flatness exceeding those permitted by referenced standards for stretcher-leveled metal sheet, stains, discoloration, or other imperfections.
  - Steel Sheet: Commercial-quality, cold-rolled, stretcher-leveled, carbon-steel sheet, complying with the following requirements:
    - Uncoated Steel Sheet: ASTM A 366 (ASTM A 366M), Class 1, matte finish.
  - Stainless-Steel Sheet: ASTM A 167, Type 302 or 304, stretcher leveled, with the following mill finish:
    - Polished for surfaces requiring little or no polishing after fabrication to produce the uniform polished finish specified under the "Stainless-Steel Finishes" Article.
- Miscellaneous Materials
  - Welding Electrodes and Filler Metal: Type and alloy of filler metal and electrodes as recommended by producer of metal to be welded, complying with applicable AWS specifications, and as required for strength and compatibility in the fabricated items.
    - Use filler metals and welding procedures that will blend with and match the color of sheet metal being joined and will avoid discoloration at welds.
  - Fasteners: Of same basic metal and alloy as fastened metal, unless otherwise indicated. Do not use metals that are corrosive or incompatible with metals joined.
    - Provide concealed fasteners for interconnection of sheet metal fabrications and for attaching them to other work except where exposed fasteners are unavoidable or are the standard fastening method.
    - Provide Phillips flat-head machine screws for exposed fasteners, unless otherwise indicated.
    - Provide neoprene washers for all fasteners, unless otherwise indicated.
  - Nonstructural Anchors: For applications not indicated to comply with design loadings, provide anchors of type, size, and material required for type of loading and installation indicated, as recommended by the manufacturer from options listed below, unless otherwise indicated. Use nonferrous metal or hot-dip galvanized anchors for exterior installations and elsewhere as required for corrosion resistance.
    - Powder-actuated fasteners.
    - Metal expansion sleeve anchors.
- Steel Sheet Finishes
  - Surface Preparation: Solvent-clean surfaces to comply with SSPC-SP 1 to remove dirt, oil, grease, and other contaminants that could impair paint bond. Remove mill scale and rust, if present, from uncoated steel to comply with SSPC-SP 5 (White Metal Blast Cleaning) or SSPC-SP 8 (Pickling).
  - Pretreatment: Immediately following surface preparation, apply a conversion coating of type suited to organic coating applied over it.
  - Factory Priming for Field-Painted Finish: Apply shop primer specified below immediately following surface preparation and pretreatment.
    - Shop Primer for Ferrous Metal: Fast-curing, lead- and chromate-free, universal modified-alkyd primer complying with performance requirements of FS TT-P-664 selected for good resistance to normal atmospheric corrosion, compatibility with finish paint systems indicated, and capability to provide a sound foundation for field-applied topcoats despite prolonged exposure.
- Stainless Steel Finishes
  - Bright, Directional Polish: AISI No. 3 finish.

SEE STRUCTURAL DRAWINGS FOR REMAINING STEEL & METAL SPECIFICATION SECTIONS.

DIVISION 6 - WOOD & PLASTICS

SECTION 06100 - CARPENTRY

- Framing Lumber: American Softwood Lumber Standards PS20, S4S, 19% maximum moisture content, with the following minimum working stresses:

|                                                   |
|---------------------------------------------------|
| Bending (fb) = 1500 psi                           |
| Horizontal Shear (fv) = 95 psi                    |
| Compression Perpendicular to Grain (fc) = 390 psi |
| Modulus of Elasticity (E) = 1,500,000             |
- Members in contact with concrete, masonry, or roof shall be preservative treated, AWPB LP-2.
- Fire treated treated lumber: AWPB C20.
- Plywood: PS1, factory marked with appropriate APA trademark. Wafer or particle board is not acceptable. Protect all plywood from moisture by use of all required waterproof covering until the plywood has in turn been covered with the next succeeding component of finish.
- Building Wrap:
  - At EIFS or Stucco: Tyvek "Stucco Wrap," by DuPont Company, Wilmington, Delaware.
  - At all other locations: Tyvek "Commercial Wrap," by DuPont Company, Wilmington, Delaware.
- Nails, Spikes, and Staples: Galvanized for exterior locations and treated wood; plain finish for other interior locations; size and type to suit application.
- Bolts, Nuts, Washers, Lags, Pins, and Screws: Medium carbon steel, sized to suit application, galvanized for exterior locations and treated wood; plain finish for other interior locations.
- Fasteners: Toggle bolt type for anchorage to hollow masonry. Expansion shield and lag bolt type for anchorage to solid masonry or concrete. Bolts or power activated type for anchorage to steel.
- Erect wood framing, framing, stripping, plywood backing and nailing members true to lines and levels. Do not deviate from true alignment more than 1/4 inch.
- Comply with NFPA National Design Specification for Wood Construction recommendations for sizes and openings of members, nailing schedule, and for framing openings if sizes, spaces, or opening framing are not indicated.
- Provide blocking for support of wall mounted cabinetwork, hardware, toilet partitions, urinal screens, toilet accessories, and plumbing fixtures unless other means of support is indicated.
- Do not splice structural members between supports.

DIVISION 6 - WOOD & PLASTICS (CONT.)

SECTION 06200 - FINISH CARPENTRY

- Softwood Lumber: Graded in accordance with the requirements of AWI Quality Standards; maximum moisture content of 8 percent for interior work and 10 percent for exterior work.
- Softwood Plywood: Graded in accordance with AWI Quality Standards; exterior material of Birch Veneer, paint grade veneer, or plastic laminate as indicated.
- Plastic Laminate: NEMA LD-3, GP-50 for horizontal and vertical surfaces over marine plywood CL-20 for backing and unexposed surfaces.
- Nails: Size and type to suit application.
- Bolts, Nuts, Washers, Lags, Pins, and Screws: Size and type to suit application.
- Interior Wood Trim:
  - General: Work solid stock to patterns shown. Standard shape materials shall conform to patterns indicated in current grading rules for the species.
    - Interior Wood Trim:
      - General Use (Paint): Contractor's option: "C" Select Grade Southern Yellow Pine (Douglas Fir Alternate)
      - Natural Finish (Stain): Select Grade, quarter sliced Red Oak, AWI, Grade 1.
    - Interior Finish Plywood: 3/4 inch paint grade, lumber core, oak plywood
    - Frames: Same as for interior wood trim.
    - Shelving: 3/4 inch AB Grade Oak plywood with exposed edges edgebanded.
    - Nails: FS FF-N-103c and FF-N-105a. Stainless steel for Redwood.
    - Screws: FS FF-S-11 lb.
    - Lag Screws and Bolts: FS FF-B-561, type and grade best suited for purpose used.
    - Toggle Bolts: FS FF-B-566b.
- Exterior Wood Trim:
  - Solid Wood: For opaque or satin finish, "C" select grade yellow or white pine, location as indicated on plan.
  - Plywood: Smooth finish cedar plywood.
  - Exterior Wood Trim: Contractor's option: Redwood S4S #1, Cedar S4S #1, "C" Select Grade Yellow Pine or Fir.
- Fabricate finish carpentry and cabinetwork items in accordance with AWI Quality Standards 'Custom Grade', and Section 400 of the AWI Guide. Shop fabricate items where possible.
- Apply plastic laminate finish in full-uninterrupted sheets consistent with manufactured sizes. Corners and joints to be hairline.
- Cap exposed plastic laminate edges with material of same finish and pattern.
- Use exposed fastening devices or nails only when unavoidable.
- Sand work smooth and set exposed nails and screws. Eliminate hammer marks and other defects. Apply wood filler in exposed nail and screw indentations and leave ready to receive site applied finishes.
- Set and secure finish carpentry and cabinetwork items in place, rigid, plumb, and square.
- Install and adjust cabinet hardware to correct operation.
- Finish woodwork shall be set straight, plumb or level; closely fitted and rigidly fastened. Nail heads of exposed wood shall be set for putty and other fasteners shall be concealed.
- Joints shall be tight and formed to conceal shrinkage. All trim shall be mitered; no butt joints permitted interior corners shall be coped.
- Install doors plumb, true and fitted properly. Leave in perfect working order. Warped doors will be rejected and shall be replaced. Neatly mortise, drill, and anchor all hardware.
- Conceal fasteners wherever possible. Where not possible, locate them in an inconspicuous place. Where nails or screw attachment occurs in woodwork face, countersink, putty and sand smooth.

SECTION 06265 - FIBERGLASS REINFORCED PANELS

- FRP panel: 48" wide, 3/32" thickness, white unless noted otherwise.  
Approved Manufacturers:
  - Kemlite
  - Marlite
- FRP Accessories
  - All moldings, trim, adhesive and other accessories shall be as manufactured and recommended by the same manufacturer as panels.
- Sealant
  - One part Silicone Rubber, ASTM C920 and FS TT-S-D01543A, FDA approved, or as recommended by FRP manufacturer.
  - Color: Clear to translucent
- Install panels over water resistant drywall in strict accordance with manufacturers recommendations, using non-flammable adhesive (100% coverage).
  - Drywall must be installed (and all joints taped) floor to ceiling to provide a good bondable surface to accept installation of FRP panels.
- Discard units of material which are unsound, warped, bowed, twisted, improperly treated, or too small to fabricate, work with minimum of joints or optimum jointing arrangements, or which are of defective manufacture with respect to surfaces, sizes, or patterns.
- Scribe and cut panels to fit adjoining work.
  - Caulk all joints and all moldings with silicone sealant.
- Panels to be applied to the wall with the 48" dimension horizontal, and in lengths to extend from base to ceiling with no intermediate horizontal joints.
- Install the work plumb, level, true and straight with no distortions. Shim as required using concealed shims. Install to a tolerance of 1/8" in 8'-0" for plumb and level, and with 1/16" maximum offset in flush adjoining surfaces.

DIVISION 7 - THERMAL PROTECTION & WATERPROOFING

SECTION 07110 - BUILDING INSULATION

- Batt Insulation: Pre-formed glass fiber batt; blankets with foil face membrane covering; per ASTM C665, Type III; densities of not less than 0.5 lb. per cu. ft. for glass fiber units, K-value of 0.27; flame spread of 25 or less, ASTM E84 (Class A), 6" (R-19) unless otherwise noted.
  - Certainteed Corp.
  - Schuller International
  - Owens-Corning Fiberglass Corp.
  - United States Gypsum Co.
  - Knauf Fiberglass
- Perimeter Insulation: Rigid, cellular thermal insulation with closed-cells and integral high density skin, formed by the expansion of polystyrene base resin in an extrusion process to comply with ASTM C578 for type indicated; with 5-year aged R-values of 5.4 and 5 at 40 and 75 deg. F (4.4 and 23.9 deg. C.) respectively, 1" thickness unless otherwise noted.
  - Dow Chemical Co. - Styrofoam SM
  - Owens-Corning - Foamular 250
  - Diversifom Products - Certifoam SE
  - Amoco Foam Products - Amfoam CM
- Sound attenuation insulation: USG "SAFB", 2.5 pound/cu. ft., density, no substitution.
- Installation accessories and adhesives shall be as recommended by insulation manufacturer for type of application and condition of substrate.
- Install batt insulation in accordance with manufacturer's instructions.
  - Place batt insulation in partitions tight within spaces, around cut openings, behind and around electrical and mechanical items within or behind partitions and tight to items passing through partitions.
  - Trim insulation neatly to fit spaces. Fill gaps or voids with insulation.
  - Install insulation with factory applied membrane facing warm side of building spaces.
- Secure rigid insulation to substrate surfaces. Stagger joints 6" where multi-layered. Cut and shape to sub state conditions.

SECTION 07240 - EXTERIOR INSULATION AND FINISH SYSTEMS

- Section includes Insulation and applied finish, reinforcing and coating Adhesives
- References
  - ASTM C578 preformed cellular polystyrene thermal insulation.
  - UL723 - test for surface burning characteristics of building materials.
- Conform to applicable code of system fire resistance and flame/smoke ratings for finish system.
- Finish Materials
  - Insulation: Extruded polystyrene insulation board shall meet ASTM C578, Type VI, and Federal Specifications HH-1-524-S, Type 1, Class A, with a flame spread of less than 25 according to Underwriters Laboratory Test Method UL-723. Polystyrene board shall have a density of 1.0 lbs. Per cu. Ft. and a K value equal to 0.23 per inch. Thickness shall be as shown on drawings. In addition, all insulation board shall be aged (air dried) for a period of six weeks before use. Insulation board shall be secure to within 1/32" per ft., with a thickness tolerance of +1/16"
  - Mechanical Fasteners: As recommended by manufacturer, provide wind plates used in conjunction with corrosion resistant fasteners appropriate to bond EPS foam board to substrate system.
  - Portland Cement: ASTM C-150, Type 1
  - Reinforcing Fabric: Manufacturer's standard, balanced open weave glass fiber fabric made from twisted multi-end strands, specifically treated for compatibility with finish materials.
  - High Impact Reinforcing: Manufacturer's standard, heavy duty glass fiber reinforcing mesh.
  - Finish: 100 percent, acrylic based coating, integral color and texture as indicated on the drawings.
- FINISH APPLICATION:
  - Install all materials in complete accord with system manufacturer's printed specifications and/or recommendations.
  - Insulation: Apply insulating board to backing surface with mechanical fasteners in a running bond pattern. Insulation shall be applied in largest pieces possible, run horizontally, with mechanical fasteners spaced per manufacturer's design standards.
  - High Impact Reinforcing Fabric: Embed high impact reinforcing fabric in a 1/8 inch bed coat of adhesive fully, so mesh pattern is concealed. Apply high impact fabric throughout work to all areas below 8'-0".
  - Reinforcing Fabric: Wait a minimum of 24 hours after completing high impact fabric, then embed reinforcing fabric in a bedding coat of adhesive applied to all insulation board and over previously installed high impact reinforcing areas. Apply adhesive thick enough to ensure no fabric is exposed.
  - Finish Coating: Apply the finish coating over reinforcing fabric. Finish shall be troweled tight and floated to approved.

SECTION 07540 - THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

- Performance Requirements
  - General: Provide installed roofing membrane and base flashings that remain watertight; do not permit the passage of water; and resist specified uplift pressures, thermally induced movement, and exposure to weather without failure.
  - Material Compatibility: Provide roofing materials that are compatible with one another under conditions of service and application required; as demonstrated by roofing membrane manufacturer based on testing and field experience.
  - FMG Listing: Provide roofing membrane, base flashings, and component materials that comply with requirements in FMG-4050 and FMG-4470 as part of a membrane roofing system and that are listed in FMG's "Approval Guide" for Class I or noncombustible construction, as applicable. Identify materials with FMG markings.
    - Fire/Windstorm Classification: Class 1A- 90.
    - Hail Resistance: SH.
- Submittals
  - Product Data: For each type of product indicated.
  - Shop Drawings: For roofing system. Include plans, elevations, sections, details, and attachments to other work.
    - Base flashings and membrane terminations.
    - Tapered insulation, including slopes.
    - Insulation fastening patterns.
  - Manufacturer Certificates: Signed by roofing manufacturer certifying that roofing system complies with requirements specified in "Performance Requirements" Article.
    - Submit evidence of meeting performance requirements.
  - Maintenance Data: For roofing system to include in maintenance manuals.
  - Warranties: Special warranties specified in this Section.
  - Inspection Report: Copy of roofing system manufacturer's inspection report of completed roofing installation.
- Warranty
  - Special Warranty: Manufacturer's standard form, without monetary limitation, in which manufacturer agrees to repair or replace components of membrane roofing system that fail in materials or workmanship within specified warranty period. Failure includes roof leaks.
    - Special warranty includes roofing membrane, base flashings, roofing membrane accessories roof insulation fasteners cover boards substrate board vapor retarder walkway products and other components of membrane roofing system.
    - Warranty Period: 15 years from date of Substantial Completion.
  - Special Project Warranty: Submit roofing installer's warranty, on warranty form at end of this Section, signed by installer, covering Work of this Section, including all components of membrane roofing system such as roofing membrane, base flashing, roof insulation, fasteners, cover boards, substrate boards, vapor retarders, roof pavers, and walkway products, for the following warranty period:
    - Warranty Period: Two years from date of Substantial Completion.
- Thermoplastic Polyolefin Roofing Membrane
  - Fabric-Reinforced Thermoplastic Polyolefin Sheet: Uniform, flexible sheet formed from a thermoplastic polyolefin, internally fabric or scrim reinforced, and as follows:
    - Thickness: 60 mils, nominal.
    - Exposed Face Color: White.
    - Physical Properties:
      - Breaking Strength: 525 lbf; ASTM D 751, grab method.
      - Elongation at Break: 15 percent; ASTM D 751
      - Tearing Strength: 55 lbf/inch; ASTM D 751, Procedure B.
      - Brittleness Point: Minimum 22 deg F.
      - Ozone Resistance: No cracks after sample, wrapped around a 3-inch diameter mandrel, is exposed for 168 hours to a temperature of 104 deg F and an ozone level of 100 ppbm; ASTM D 1149.
      - Resistance to Heat Aging: 90 percent minimum retention of breaking strength, elongation at break, and tearing strength after 168 hours at 240 deg F; ASTM D 573.
      - Water Absorption: Less than 4 percent mass change after 166 hours' immersion at 158 deg F; ASTM D 471.
      - Linear Dimension Change: Plus or minus 2 percent; ASTM D 1204.
- Auxiliary Materials
  - General: Auxiliary materials recommended by roofing system manufacturer for intended use and compatible with membrane roofing.
    - Liquid-type auxiliary materials shall meet VOC limits of authorities having jurisdiction.
  - Sheet Flashing: Manufacturer's standard unreinforced thermoplastic polyolefin sheet flashing, 55 mils thick, minimum, of same color as sheet membrane.
  - Bonding Adhesive: Manufacturer's standard solvent-based bonding adhesive for membrane, and solvent-based bonding adhesive for base flashings.
  - Slip Sheet: Manufacturer's recommended slip sheet, of type required for application.
  - Metal Termination Bars: Manufacturer's standard predrilled stainless-steel or aluminum bars, approximately 1 inch wide by 1/8 inch thick with anchors.
  - Metal Battens: Manufacturer's standard aluminum-zinc-alloy-coated or zinc-coated steel sheet, approximately 1 inch wide by 0.05 inch thick, pre-punched.
  - Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane to substrate, and acceptable to membrane roofing system manufacturer.
  - Miscellaneous Accessories: Provide pourable sealers, preformed cone and vent sheet flashings, preformed inside and outside corner sheet flashings, T-joint covers, termination reglets, cover strips, and other accessories.
- Roof Insulation
  - General: Provide preformed roof insulation boards that comply with requirements and referenced standards, selected from manufacturer's standard sizes and of thicknesses indicated.
  - Polysocyanurate Board Insulation: ASTM C 1269, Type II, felt or glass-fiber mat facer on both major surfaces.
  - Tapered Insulation: Provide factory-tapered insulation boards fabricated to slope of 1/4 inch per 12 inches, unless otherwise indicated.
  - Provide preformed saddles, crickets, tapered edge strips, and other insulation shapes where indicated for sloping to drain. Fabricate to slopes indicated.

- Insulation Accessories
  - General: Roof insulation accessories recommended by insulation manufacturer for intended use and compatible with membrane roofing.
  - Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening roof insulation to substrate, and acceptable to roofing system manufacturer.
  - Cold Fluid-Applied Adhesive: Manufacturer's standard cold fluid-applied adhesive formulated to adhere roof insulation to substrate.
  - Cover Board: ASTM C 1177/C 1177M, glass-mat, water-resistant gypsum substrate, 1/4 inch thick.
    - Product: Subject to compliance with requirements, provide "Dens-Deck" by Georgia-Pacific Corporation.
  - Metal Securement System: Perimeter securement flashing and strapping fabricated from stainless steel, a minimum of 0.031 inch thick. Provide fasteners as recommended by mortar-faced insulation manufacturer.
  - Flexible Walkways: Factory-formed, nonporous, heavy-duty, slip-resisting, surface-textured walkway pads, approximately 24 x 24 inch x 3/16 inch thick, and acceptable to membrane roofing system manufacturer.
- Insulation Installation
  - Coordinate installing membrane roofing system components so insulation is not exposed to precipitation or left exposed at the end of the workday.
  - Comply with membrane roofing system manufacturer's written instructions for installing roof insulation.
  - Install tapered insulation under area of roofing to conform to slopes indicated.
  - Install one or more layers of insulation under area of roofing to achieve required thickness. Where overall insulation thickness is 2 inches (50 mm) or greater, install 2 or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches (150 mm) in each direction.
  - Trim surface of insulation where necessary at roof drains so completed surface is flush and does not restrict flow of water.
  - Install insulation with long joints of insulation in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch (6 mm) with insulation.
    - Cut and fit insulation within 1/4 inch (6 mm) of nailers, projections, and penetrations.
  - Mechanically Fastened Insulation: Install each layer of insulation and secure to deck using mechanical fasteners specifically designed and sized for fastening specified board-type roof insulation to deck type.
    - Fasten insulation according to requirements in FMG's "Approval Guide" for specified Windstorm Resistance Classification.
    - Fasten insulation to resist uplift pressure at corners, perimeter, and field of roof.
  - Install cover boards over insulation with long joints in continuous straight lines with end joints staggered between rows. Stagger joints from joints in insulation below a minimum of 6 inches (150 mm) in each direction. Loosely butt cover boards together and fasten to roof deck.
    - Fasten according to requirements in FMG's "Approval Guide" for specified Windstorm Resistance Classification.
    - Fasten to resist uplift pressure at corners, perimeter, and field of roof.
- Adhered Membrane Roofing Installation (Mechanically fastened where permitted by code).
  - Adhere membrane roofing over area to receive roofing and install according to membrane roofing system manufacturer's written instructions.
  - Start installation of membrane roofing in presence of membrane roofing system manufacturer's technical personnel.
  - Accurately align membrane roofing and maintain uniform side and end laps of minimum dimensions required by manufacturer. Stagger end laps.
  - Bonding Adhesive: Apply to substrate and underside of membrane roofing at rate required by manufacturer and allow to partially dry before installing membrane roofing. Do not apply to square area of membrane roofing.
  - In addition to adhering, mechanically fasten membrane roofing securely at terminations, projections, and perimeter of roofing.
  - Apply membrane roofing with side laps shingled with slope of roof deck where possible.
  - Seams: Clean seam areas, overlap membrane roofing, and hot-air weld side and end laps of membrane roofing and sheet flashings according to manufacturer's written instructions to ensure a watertight seam installation.
    - Test lap edges with probe to verify seam weld continuity.
    - Apply lap sealant to seal cut edges of sheet membrane.
    - Verify field strength of seams a minimum of twice daily and repair seam sample areas.
    - Repair tears, voids, and lapped seams in roofing that does not comply with requirements.
  - Spread sealant bed over deck drain flange at roof drains and securely seal membrane roofing in place with clamping ring.
- Membrane Splicing/Hot Air Welding Procedures
  - Hot air weld the Sure-Weld Membrane using an Automatic Hot Air Welding Machine or Hot Air Hand Welder in accordance with the manufacturer's specifications. At all splice intersections, roll the seam with a silicone roller prior to membrane seam cooling. When using .060" thick membrane, all splice intersections shall be overlaid with non-reinforced flashing.
  - Probe all seams once the hot air welds have thoroughly cooled (approximately 30 minutes).
  - Repair all seam deficiencies the same day they are discovered.
  - Apply Cut Edge Sealant on all cut edges of reinforced membrane (where the scrim reinforcement is exposed) after seam probing is complete.
- Base Flashing Installation
  - Install sheet flashings and preformed flashing accessories and adhere to substrates according to membrane roofing system manufacturer's written instructions.
  - Apply solvent-based bonding adhesive to substrate and underside of sheet flashing at required rate and allow to partially dry. Do not apply bonding adhesive to seam area of flashing.
  - Flash penetrations and field-formed inside and outside corners with sheet flashing.
  - Clean seam areas and overlap and firmly roll sheet flashings into the adhesive. Weld side and end laps to ensure a watertight seam installation.
- Roof Walkways: Install walkway pavers according to manufacturer's written instructions in locations indicated, to form walkways. Leave 3 inches (75 mm) of space between adjacent roof pavers.

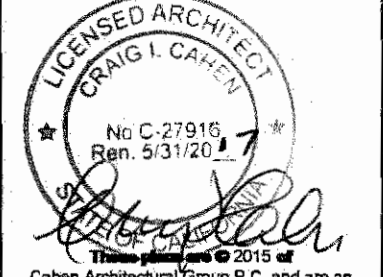
SECTION 07620 - SHEET METAL FLASHING AND TRIM

- Zinc-Coated Steel: Commercial quality with 0.20 percent copper, ASTM A526, except ASTM A527 for lock-forming, G90 hot-dip galvanized, mill phosphatized for painting; 24 gauge, except as otherwise indicated.
- Solder: For use with steel, provide 50-50 tin/lead solder, ASTM B52 with rosin flux.
- Fasteners: Same metal as flashing/sheet metal or other noncorrosive metal as recommended by sheet manufacturer. Match finish of exposed heads with material being fastened.
- Bituminous Coating: SSPC-Paint 12, solvent type bituminous mastic, nominally free of sulfur, compounded for 15-mil, dry film thickness per coat.
- Roofing Cement: ASTM D4596, asphaltic.
- General Metal Fabrication: Shop-fabricate work to greatest extent possible. Comply with details shown, and with applicable requirements of SMACNA "Architectural Sheet Metal Manual" and other recognized industry practices. Fabricate for waterproof and weather resistant performance, with expansion provisions for running work, sufficient to permanently prevent leakage, damage, or deterioration of the work. Form work to fit substrates. Comply with material manufacturer instructions and recommendations for forming material. Form exposed sheet metal work without excessive oil-skinning, buckling, and tool marks, due to line and levels indicated, with exposed edges folded back to form hems.
  - Fabricate non-moving seams in sheet metal with flat-lock seams. For metal other than aluminum, trim sides to be seamed, form seams and solder. Form aluminum seams with epoxy seam sealer; rivet joints for additional strength where required.
  - Where tapered or bayonet-type expansion provisions in work cannot be used, or would not be sufficiently water-waterproof, form expansion joints of inter-meshing hooked flanges, not less than 1 inch deep, filled with mastic sealant (concealed within joints).
  - Where movable, non-expansion type joints are indicated or required for proper performance of work, form metal to provide for proper installation of elastomeric sealant, in compliance with SMACNA standards.
- Comply with installation instructions and recommendations of SMACNA "Architectural Sheet Metal Manual." Anchor units of work securely in place, providing for thermal expansion of metal units; conceal fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams which will be permanently watertight and weathertight.
- Clean exposed metal surface, removing substances which might cause corrosion of metal or deterioration of finishes.

7076 South Alton Way  
Building A  
Centennial, Colorado 80102  
773-430-0022

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7/31/15

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Frank J. Cahen, Building Division  
Building  
Frank J. Cahen, Building Division  
4081 535-7665  
Date: \_\_\_\_\_

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SPECIFICATIONS  
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**SECTION 07631 - GUTTERS AND DOWNSPOUTS**

1. References
  - a. SMACNA - Architectural Sheet Metal Manual
2. Conform to SMACNA Manual for sizing components for rainfall intensity determined by a storm occurrence of 1 in 5 years.
3. Conform to applicable code for size and method of rainwater discharge.
4. Deliver, store, and protect products on site.
5. Stack preformed material to prevent twisting, bending, or abrasion, and to provide ventilation. Slope to drain.
6. Prevent contact with materials during storage, which may cause discoloration, staining, or damage.
  - a. Galvanized Steel: ASTM A361, G90 zinc coating; 24 gauge core steel.
8. Components
  - a. Gutters: SMACNA Half round
  - b. Downspouts: SMACNA Round profile
  - c. Accessories: Profiled to suit gutters and downspouts.
9. Accessories
  - a. Anchorages devices: SMACNA requirements or type recommended by fabricator.
  - b. Gutter and Downspout Supports: Brackets
  - c. Fasteners: Galvanized steel with self neoprene washers. Finish exposed fasteners same as flashing metal.
  - d. Protective Back Coating: FS TT-C-494, bituminous.
  - e. Solder: ASTM B32; 50/50 type.
  - f. Flux: FS O-F-506.
10. Form gutters and downspouts of profiles and sizes indicated, to SMACNA requirements.
11. Form sections square, true, and accurate in size, in maximum possible lengths, free of distortion or defects detrimental to appearance or performance. Allow for expansion at joints.
12. Hem exposed edges of metal.
13. Solder shop formed metal joints. After soldering, remove flux. Wipe and wash solder joints clean. Weather seal joints.
14. Fabricate gutter and downspout accessories; seal watertight.
15. Apply bituminous protective backing on surfaces in contact with dissimilar materials.
16. Installation
  - a. Install gutters, downspouts, and accessories in accordance with manufacturer's instructions.
  - b. Join lengths with formed seams sealed or soldered watertight. Flash and seal gutters to downspouts and accessories.
  - c. Connect downspouts to downspout boots. Grout connection watertight.

**SECTION 07722 - ROOF HATCHES**

- 1. SECTION INCLUDES**
- A. Furnish labor, materials, services, equipment and appliances required for roof hatch work indicated on the Drawings and specified herein.
- 2. SUBMITTALS**
- A. Submit Shop Drawings per SUBMITTALS Section. Base on details shown on the Drawings. Show details, hardware, loading devices, flashing, insulation and anchors. Include manufacturer's installation instructions. Detail to serve as installation drawings. Owner's acceptance is required prior to start of fabrication and/or shipment.
- 3. MANUFACTURER**
- A. The Drawings were prepared and this Specification written on the basis of using the products of the Bilco Company, New Haven, Connecticut. Such is intended to establish minimum quality standards, not to limit competitive bidding. Products with equal or superior characteristics by other manufacturers are acceptable under conditions of the Specifications.
- 4. ROOF HATCHES**
- A. Type "S-20", completely assembled:
1. **Curb:** 14 gauge prime painted steel with Z2 gauge steel liner; 12 inches high; extended flanges for mounting with screws; Integral cap flashing of same gauge of material as curb.
  2. **Covers:** Same materials and gages as curb; continuous Neoprene gasket weatherproof seal.
  3. **Curb and Cover Insulation:** One inch thick rigid.
  4. **Hardware:** Heavy duty pinle hinges, manually operated compression spring operators enclosed in telescopic tubes, positive snap latches with plated turn handles inside and out, automatic hold-open arm with fully grip handle; cadmium plated finish.
- 5. FABRICATION**
- A. Fabricate free of visual distortions and defects. Weld corners and joints. Provide for removal of condensation. Provide weather-tight assembly.
- 6. PROTECTION**
- A. Cover and protect hatches from damage before and after installation. Replace damaged covers at no additional cost to Owner.
- 7. INSTALLATION**
- A. Install in accord with manufacturer's instructions. Coordinate with installation of roofing system and relief of flashings. Provide weather-tight installation. Apply bituminous paint on metal surfaces of units in contact with cementitious materials and dissimilar metals.

## SECTION 07920 – SEALANTS AND CAULKING

1. **Sealant Type 1:** One component, acrylic latex, for interior non-moving joints.
  - a. Sonneborn "Sonolac" or equal.
2. **Sealant Type 2:** One component urethane, gun-grade, non-sag, for interior or exterior concealed moving joints thresholds and architectural sheet metal.
  - a. Sonneborn "NP1" or equal.
3. **Sealant Type 3:** Multi-component urethane, gun-grades non-sag, for interior or exterior exposed moving joints (other than pavements), door and window frames, and other weathertight locations.
  - a. Sonneborn "NP2" or equal.
4. **Sealant Type 4:** One component, urethane, gun-grades or pourable, self-leveling for interior or exterior horizontal joints.
  - a. Sonneborn "Sonelastic SL1" or equal.
5. **Primer:** Non-staining type, recommended by sealant manufacturer to suit application. Unpainted, porous surfaces shall be primed.
6. **Joint Cleaner:** Non-corrosive and non-staining type, recommended by sealant manufacturer, compatible with joint filling materials.
7. **Joint Filler:** ASTM D1056, round, closed cell polyethylene foam rod, oversized 30 to 50 percent. Polyethylene is nonabsorbent.
8. **Bond Breaker Tape:** Pressure sensitive polyethylene tape recommended by sealant manufacturer to suit application.
9. **Clean, prepare and size joints** in accordance with manufacturer's instructions. Remove any loose materials and other foreign matter which might impair adhesion of sealant. Metal surfaces shall be free of corrosion.
10. **Install joint filler rod to proper depth** by rolling material into joint without lengthwise stretching or twisting. Do not puncture or prime filler rod.
11. **Sealant applications shall be performed in strict accordance** with manufacturer's written specifications by tradesmen skilled in the work. Use masking tape to protect adjacent surfaces as necessary.
12. **All sealing shall be done with neat, smooth tooled beads, free of air pockets, foreign embedded matter, ridges and sags, in firm full contact with interfaces.**
13. **Work adjacent to joints shall be cleaned free of smears of sealant compound as work progresses.**

## DIVISION 8 - DOORS & WINDOWS

**DIVISION 8 - DOORS AND WINDOWS**

**SECTION 08110 - STEEL DOORS AND FRAMES**

1. All hollow metal doors or frames shall be furnished by the Contractor. Refer to Door Schedule on drawings.
2. Install doors and frames in accordance with SDI-100 and SDI-105 except as amended in this section. Comply with NFPA-80 for fire rated assemblies.
3. Install steel doors and frames plumb and square in correct locations indicated on drawings and with a maximum diagonal distortion of 1/16" inch. Ensure that frames are securely and rigidly anchored to adjacent construction.
4. Hang door to fit frames closely without binding. Door to come in full contact with stops when closed. Doors shall swing quietly and easily and not strike frames at any point of swing. Doors not equipped with closers shall remain stationary in any intermediate position in which they are left.
5. Immediately after installation, touch up surface coating damage with primer paint identical to that used for shop coat. Leave in clean condition, ready for finish paint specified in Section 09500. Install rubber door silencers after frames are given finish coats of paint.

**SECTION 08212 - PLASTIC FACED FLUSH WOOD DOORS**

1. The Drawings were prepared and this Specification written on the basis of using the products of Eliason Corporation, Easy Swing Door Division, Kalamazoo, Michigan. Phone Number 1-800-828-3655. Such is intended to establish minimum quality standards, not to limit competitive bidding. Products with equal or superior characteristics by other manufacturers are acceptable under conditions of the Specifications.
2. Door Type
  - a. Easy Swing, Model SCP4W, decorative doors with pivotal hinges.
  - b. Face Finish: Decorative high impact plastic laminate
  - c. Color: PL-1 Hollyberry Red.
  - d. Edge Caps and Base Plates: 18 inch high kick plate, 18 gauge; 304 #4 stainless steel
  - e. Hardware: Manufacturer's standard including jamb guards
  - f. Windows: 3/16 inch thick clear acrylic plastic in black rubber molding, 9 inch x 14 inch viewing area mounted a minimum of 48 inches from floor to bottom of panel
3. Delivery, Storage and Handling
  - a. Scheduling: Deliver to job site at least two weeks prior to date scheduled for installation, but not before building is enclosed and proper conditions of temperature and humidity are being maintained.
  - b. Packaging: Crate or package doors and hardware to protect them during transit, delivery and storage. Each package marked or tagged with corresponding door number as it appears on Door Schedule.
  - c. Storage: Store doors and hardware at building site under cover. Place doors on at least 4 inch wood skids or on floors in manner that will prevent damage. Do not use non-vented plastic or canvas shelters. Remove wet cartons immediately. Provide 1/4 inch space between doors to promote air circulation.
4. Installation
  - a. Install in accord with manufacturer's instructions. Conform to AWI requirements for fit tolerances.
5. Adjusting
  - a. Adjust for smooth and balanced door movement.

**SECTION 08306 - ACCESS PANELS**

1. **Manufacturer**
  - a. The Drawings were prepared and this Specification written on the basis of using the products of J. L. Industries, Bloomington, Minnesota. It is not the intent to limit competitive bidding. Products with equal characteristics by other manufacturers are acceptable under the conditions of these Specifications.
2. **Access Panels**
  - a. Model "FD", flush mounted access panel, 24 x 24, UL 1-1/2 hr "B" label, completely assembled as follows:
    1. Material:
      - a. Door: 20 gauge steel
      - b. Frame: 16 gauge steel
    2. Hardware:
      - a. Hinges: Continuous hinges open to 175 with spring closure.
      - b. Locks: Recessed tum ring with interior latch release device.
      - c. Anchors: Manufacturer's standard for use intended.
      - d. Finish: Phosphate dipped steel with factory prime coat.
3. **Installation**
  - a. **Protect access panels from damage:** Protect work of other trades during installation. Install access panels in locations indicated, complete in all details, securely anchored in place, plumb, level and parallel with building lines. Finally install access panels shall open and close freely.

**SECTION 08410 - ALUMINUM ENTRANCES AND STOREFRONTS**

1. Engineering Design:
  - a. Structural Properties: Fabricate and install work of this Section to withstand wind loads required by governing laws, ordinances, regulations and codes and with a maximum deflection of L/175.
  - b. Thermal Movement: Fabricate and install systems to provide for expansion and/or contraction of component materials as will be caused by temperature range of 150 degrees F without causing harmful buckling, opening of joints, undue stresses on fasteners, or other detrimental effects.
  - c. Water Leakage: Fabricate and install systems to deny water leakage; defined as appearance of water, other than condensation, on room side face of any parts of systems.
2. Submit shop drawings of system proposed. Base on details shown on Drawings, and develop to serve as installation Drawings. Owner's acceptance is required prior to start of fabrication.
3. The Drawings were prepared and this Specification written on the basis of using the products of Vitawall, Terrell, TX. (214) 796-3881. Contact: Eric Loucel.
4. Storefront Framing:
  - a. "FG3800 Series Storefront System" for 1" glaze system, size 2" x 4-1/2", reinforced if required by Engineering design.
  - b. "FC3000 Series Storefront System" for 1/4" glaze system, size 2" x 4-1/2", at interior locations.
  - c. Fasteners: Standard fastening screws shall be either stainless steel or carbon steel plated against electrolytic action.
  - d. Finish: Dark Bronze Anodized Aluminum conforming to AA-M12C22A31 and AAMA 607.1.
5. Doors and Hardware:
  - b. Vitawall - Wide-sile entrance door, to match drawings, 1/2 inch thick tempered glass; Color to be Valspar # 3644-229 Fluropon primer w/ Hillyberry Surface Coat.
  - c. Fasteners: Standard fastening screws shall be either stainless steel or carbon steel plated against electrolytic action.
- d. Hardware: (Refer to Hardware Schedule for catalogue numbers.)
  - i. Pivots: Manufacturer's standard.
  - ii. Closures: Manufacturer's standard concealed floor type, one each leaf.
  - iii. Panic Devices: Manufacturer's standard "paddle handle", one each leaf.
  - iv. Push-Pulls: Manufacturer's standard, one each leaf.
  - v. Dead Locks: Manufacturer's standard, one each single or pair.
  - vi. Lock Cylinders: Furnished as part of builders hardware.
  - vii. Thresholds: 4-inch wide aluminum, handicapped accessible (exterior only).
- d. Hardware Finish: As indicated in the Hardware Schedule.

- a. **Storefront Fabricate:** Fabricate and assemble in shop to greatest extent possible. Cut carefully and accurately. Use compression joints between vertical and horizontal members, with gaskets of recommended butyl compound. Place standard water dam, in accord with manufacturer's recommendation, between vertical members. Seal members and seal with liquid butyl compound. Provide vision and spandrel areas with drainage to outside. Seal all exterior control member. Seal all exterior control member. necessary field connections and fastenings required for installation; permit easy assembly by means of standard construction equipment and tools without use of special apparatus or appliances.
- b. **Doors:** Fabricate doors with light, hairline joints where rails are fitted against stiles, and fasten by means of tensioned steel tie-rods in top and bottom rails. Provide adjusting mechanism in top rail to provide for minor clearance adjustments. Glass stays-in-place with built up glazing stiles. Weatherstripping, plate. Provide adjustable plate weatherstripping, plate at threshold.

**SECTION 08710 – FINISH HARDWARE**

1. All door hardware shall be furnished by the Contractor. A Hardware Schedule is shown on drawings for further information.
2. Install hardware in accordance with manufacturer's recommendations, using proper templates.
3. Do not install surface-mounted items until finishes have been completed on the substrate.
4. Set units level, plumb, and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
5. Drill and countersink units, which are not factory-prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.
6. Mount hardware units as indicated in DHI "Recommended Locations for Builders' Hardware for Standard Steel Doors and Frames."
7. Through-bolt all door closers.
8. Screw thresholds to substrate with No. 10 or larger stainless steel screws of the proper type for permanent anchorage of threshold.
  - a. Set thresholds at exterior doors in a bed of mastic sealant to completely fill concealed voids and exclude moisture from every source. Do not plug drainage holes or block weeps. Remove excess sealant.
9. Surface mounted weather-stripping shall be installed prior to other surface mounted hardware, without breaks. Coordinate hardware accessories to suit continuous weatherstrip.
10. Clean operating items as necessary to restore proper function and finish of hardware.
11. Adjust door control devices to compensate for final operation of heating and ventilating equipment.
12. Hardware Supplier: Contact the following:
  - a. Universal Manufacturing; Contact: Theresa Land, Phone: 1-901-456-5881.

**SECTION 08810 - GLASS AND GLAZING**

1. Float Glass: 1/4-inch thick, clear float (plate) glass
2. Tempered Glass: 1/4-inch thick, clear "Herculite" tempered safety glass
3. Insulating Glass: "Solarban 60 (2)"; 1 (one) inch thick, clear, double glazed (tempered where noted on drawings), insulating glass units shall comply with ASTM E774.
4. Mirror Glass: 1/4-inch thick quality polished plate glass, scratch resistant, hermetically sealed with a uniform coating of electrolytic copper plating; FS #DDM-411.
5. Mastic: As recommended by manufacturer.
6. Hardware: K & V standards and brackets, satin brass finish.
7. Glazing Materials:
  - a. General: Provide products of material, size, and shape complying with referenced glazing standard, requirements of manufacturers of glass and other glazing materials involved for glazing application indicated, and with a proven record of compatibility with surfaces contacted in installation.
  - b. Cleaners, Primers and Sealers: Type recommended by sealant or gasket manufacturer.
  - c. Setting Blocks: Elastomeric material with a Shore A durometer hardness of 85 plus or minus 5.
  - d. Spacers: Elastomeric blocks or continuous extrusions with a Shore A durometer hardness required by glass manufacturer to maintain glass lites in place for installation indicated.
  - e. Edge Blocks: Elastomeric material of hardness needed to limit glass lateral movement (side-walking).
  - f. Plastic Foam Joint Fillers: Preformed, compressible, resilient, nonstaining, nonextruding, nonoutgassing, strips of closed-cell plastic foam of density, size, and shape to control sealant depth and otherwise contribute to produce optimum sealant performance.
8. Replace broken glass and clean all glass prior to final inspection.

## DIVISION 9 - FINISHES

**SECTION 09100 - METAL STUD FRAMING SYSTEM**

- a. Formed metal stud framing
  - b. Framing accessories
2. References
- a. ASTM A525 - Standard specification for general requirements for steel sheet, zinc-coated (galvanized) by the hot-dip process.
  - b. ASTM C645 - Standard specification for non-load (axial) bearing steel studs, runners (track), and rigid furring channels for screw application of gypsum board.
  - c. ASTM C754 - Standard specification for installation of steel framing members to receive screw-attached gypsum board.
  - d. ASTM C1002 - Standard specification for steel drill screws for the application of gypsum board or metal plaster bases.
3. System Description
- a. Maximum allowable deflection: 1/240 span.
  - b. Wall system:
    1. Design to provide for movement of components without damage, failure of joint seals, undue stress on fasteners, or other detrimental effects when subject to seasonal or cyclic day/night temperature ranges.
    2. Design system to accommodate construction tolerances, deflection of building structural members, and clearances of intended openings.
  - c. Shop drawings:
    1. Indicate component details, stud layout, framed openings, attachment to structure, type and location of fasteners, and accessories or items required of other related work.
    2. Describe method for securing studs or tracks, splicing and for blocking and reinforcement to framing connections.
    3. Provide calculations for loadings and stresses of exterior walls.
4. Manufacturer
- a. United States Gypsum Company, Chicago, Illinois. Or approved equal.
5. Stud Framing Materials
- a. Framing System Components: ASTM C645.
  - b. Studs: ASTM A525, Coating Class G-90, non-load bearing rolled steel, channel shaped, punched for utility access, as follows:
    - c. Depth: 3-5/8 and 6 inches.
    - d. Thickness: .20 gauge unless noted otherwise.
  - e. Tracks and Headers: Same material and thickness as studs, bent leg retainer notched to receive studs.
  - f. Furring and Bracing Members: Of same material as studs; thickness to suit purpose.
  - g. Fasteners: ASTM C1002, self-drilling, self tapping screws.
  - h. Touch-up Primer for Galvanized Surfaces: SSPC-Paint 20, Type II organic, zinc rich.
6. Finishes
- a. Studs: Galvanize to G90 coating class.
  - b. Tracks and Headers: Galvanize to G90 coating class.
  - c. Accessories: Same finish as framing members.

- 7. Deliveries and Storage
  - a. Deliver materials in original unopened packages and store in enclosed shelter providing protection from damage and exposure to the elements. Remove damaged or deteriorated materials from premises.
- 8. Erection
  - a. Align and secure top and bottom runners at 16 inches O.C. at exterior and 16" O.C. at interior unless noted otherwise.
  - b. Install studs vertically at 16 inches O.C. at exterior and 16" O.C. at interior unless noted otherwise.
  - c. Secure studs to tracks using fastener method. Do not weld.
  - d. Stud splicing is not permissible.
  - e. Fabricate corners using a minimum of three studs.
  - f. Double stud at wall openings, door and window jambs, not more than 2 inches from each side of openings.
  - g. Coordinate erection of studs with requirements of door and window frames, install supports and attachments.
  - h. Grouting: Spot grout frames at jamb anchor clips before panel erection.
  - i. Coordinate installation of wood bucks, anchors, and wood blocking with electrical and mechanical work to be placed within or behind stud framing.
  - j. Blocking: Secure wood blocking to studs. Install blocking for support of plumbing fixtures, toilet partitions, wall cabinets, toilet accessories, hardware, and opening frames.
  - k. Metal Framing Erection (Ceilings)
    - 1. Small Areas: Attach runners at ceiling height, through gypsum panels, to each partition stud. Insert steel studs in number and attach each end. Install stud cross-bracing over stud framing space 48 inches OC and attach to each framing stud. At openings that interrupt ceiling, install additional cross reinforcing to maintain structural integrity of framing.
    - 2. Large Areas: Install hanger wires, carrying members, furring channels and reinforcing at openings, in accord with systems manufacturer's specifications.

### 9. Electron Tolerances

- a. Maximum variation from true position: 7/16 inch in 10 feet.
  - b. Maximum variation from plumb: 1/4 inch in 10 feet.
- SECTION 08260 - GYPSUM BOARD SYSTEMS**
1. Gypsum Panels - Types Required
    - a. Regular board: ASTM C36, tapered edges, thickness 5/8".
    - b. Fire rated board: ASTM C36, Type X, tapered edges, thickness 5/8".
    - c. Water resistant board: ASTM C630, tapered edges, thickness 5/8".
    - d. Tile Backer Board: "Dens-Shield Firestop", type "X", 5/8" thick, non-structural, fiberglass-faced, silicone treated gypsum core panel or equal.
    - e. Cement Backer Board: Durock Cement Board, 5/8" thick, non-structural.
  2. Studs, Trim and Accessories
    - a. Steel Studs: Per ASTM C645, galvanized, gauges as noted. Track shall be one size heavier than studs.
    - b. Corner Beads, Control Joints, and Edge Trim: Per ASTM C1047, equal to USG #103 "Dun-A-Bead," #909 and #200-A respectively, galvanized. Unless otherwise detailed, exposed "J" trim is not acceptable.
  3. Fasteners; Screws, Per ASTM 1002; 1-1/4" Type "W" bugle head into wood framing, 1-1/8" Type "S" bugle head into steel framing, and 3/8" Type "S-12" pan (or low profile) head for steel to steel framing connections.
  4. Joint Treatment Materials
    - a. Joint Tape: Paper-reinforcing tape, per ASTM C475.
    - b. Joint Compound: Provide chemical hardening type for bedding and filling, and ready-mixed vinyl type for topping, per ASTM C475.
  5. Textured Finish: Medium orange-peel texture.
  6. Acoustical Sealant:

- a. Acoustical Sealing for Exposed Joints: Manufacturer's standard nonsag, paintable, nonstaining sealant complying with ASTM C 834.
  - b. Acoustical Sealing for Concealed Joints: Manufacturer's standard nonsag, nonhardening, nonstaining, nontearing, nontexture, synthetic-rubber sealant recommended for sealing interior concealed joints to reduce transmission of airborne sound.
7. Steel Framing and General Gypsum Board Installation Requirements:
- a. Steel Framing, Board Application and Finish Standards: GA216 and ASTM C754 and C840, Studding shall be 16" o.c. unless otherwise noted. Provide horizontal bracing at 4'-0" o.c. measured vertically. Frame door openings to comply with GA219.
  - b. Install ceiling boards in the direction and manner which will minimize the number of end-butt joints, and which will avoid end joints in the central area of each ceiling. Stagger end joints at least 4'-0".
  - c. Install wall/partition boards vertically to avoid end-butt joints wherever possible.
  - d. Locate either edge or end joints over supports. Stagger joints over different studs on opposite sides of partitions.
  - e. Space fasteners in gypsum board in accordance with referenced standards and manufacturer's recommendations, except as otherwise indicated.
    - 1) Parallel Application: 12" o.c. in field; 8" o.c. along edges.
    - 2) Perpendicular Application: 12" o.c. in field; 12" o.c. along edges.
8. Installation of Drywall Trim Accessories
- a. Install metal corner beads at horizontal and vertical external corners of drywall work. Secure with screws, clinching is not acceptable.
  - b. Install metal control joint (beaded-type) where indicated at 30'-4" maximum centers in any wall or ceiling.
9. Finishing of Drywall:
- a. Apply treatment at gypsum board joints (both directions), flanges of trim accessories, penetrations, fastener heads, surface defects and elsewhere as required to prepare work for decoration. Apply joint compound in 3 coats. Sand between last 2 coats and after last coat.
  - b. Water-resistant Gypsum Board Base for Ceramic Tile. Comply with recommendations of gypsum board manufacturer for treatment of joints.
  - c. Fire Taping: Fire tape all fire rated walls with tape and one coat of compound on all joints above ceilings, Mud all fasteners, to achieve a level 1 Finish.
  - d. Cement Board: General: Install Cement Board where indicated in the drawings. Screw substraight to studs, tape joints and apply adhesive per Manufacturer's instructions.
10. Application of Texture Finish
- a. Prepare and prime drywall and other surfaces in strict accordance with texture finish manufacturer's instructions.
  - b. Mix and apply finish to drywall and other surfaces indicated to receive finish in strict accordance with manufacturer's instructions to produce a uniform texture without starved spots or other evidence of the application, and free of application patterns.
  - c. Remove texture droppings from door frames, windows, and adjoining work.

## SECTION 09300 - CERAMIC AND QUARRY TILE

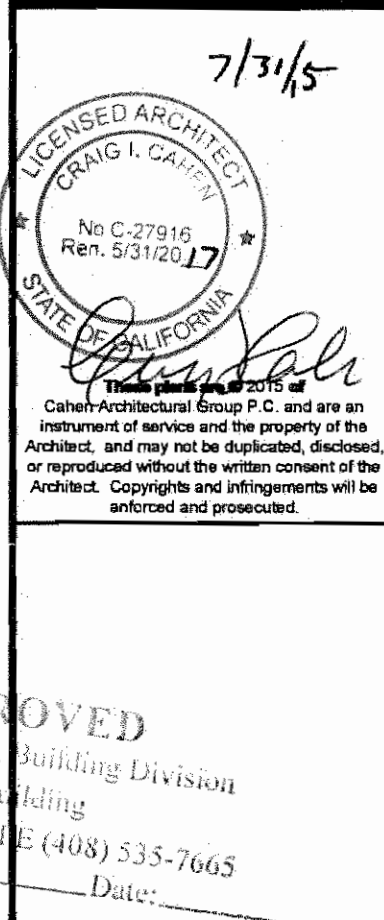
1. **Quality Assurance:** Perform tile work in accordance with the requirements of ANSI-TC1 137.1, "Recommended Standard Specification for Ceramic Tile".
2. **Ceramic and Quarry Tile:**
  - a. **Ceramic Tile:** Refer to Finish Schedule on Drawings for manufacturer, color, size, pattern and grout color. Provide necessary caps, stops, covers, returns, trimmers and other shapes as required for a complete installation.
  - b. **Quarry Tile:** Quarry tile to be Summitville Tile 6" x 6" tile double abrasive (in aisle); smooth (under equipment) with 6" cove base. All quarry base beneath store to be installed over tile backer board. Color: As noted on Finish Schedule on Drawings.
  - c. **Waterproof membrane:** Two-component liquid rubber latex with continuous fiberglass reinforcement equal to Laticrete 30/35S. Apply where indicated in the drawings.
3. **Comply with applicable TCA installation methods for substrates indicated. Provide tile expansion joints at all construction and/or joints in the slab.**
4. **Mix and proportion pre-mix setting bed and grout material in accordance with manufacturer's instructions.**
  - a. Use Epoxy, Silicone, or polyurethane additives in grout to be located in areas subject to grease, oil, acid and water.
5. **Lay tile in grid pattern, parallel to walls. Lay out tile work and center tile fields in both directions in each space at each wall area so that no tiles less than 1/2 full tile will occur. Provide uniform joint widths.**
6. **All tile shall be brought to true and level planes with joints well filled and shall be secured firmly in place.**
7. **Cut and fit tile right to protrusions and/or perpendicular interruptions.**
8. **Sound tile after setting. Replace hollow sounding units.**
9. **Allow tile to set for a minimum of 48 hours prior to grouting.**
10. **Prohibit traffic from floor finish or activities near wall finish for 72 hours after installation. Protect the tile work from damage with Kraft paper or other heavy non-staining covering during the construction period.**
11. **Upon completion of placement and grouting, clean all ceramic tile surfaces so they are free of foreign matter. Acid solutions may be used when permitted by tile and grout manufacturer's printed instructions.**

## SECTION 09510 - ACOUSTICAL CEILINGS

1. Acoustical Panels:
- a. Dining Areas (LT-11)
1. Manufacturer: Armstrong (National Account Pricing Available)
  2. Panels: #1761 HA, Fine Fissured Second Look II, Medium texture - (Class A fire rated where required by code)
  3. Size: 2'x4'-0" x 3/4" (Scored)
  4. Edges: Angled Taper
  5. Suspension System: Prelude XL, 15/16" Exposed Tee grid
    - a. Exposed, direct hung, per ASTM C636.
    - b. Concealed grid member shall be electro-galvanized.
    - c. Structural Classification: Intermediate duty.
    - d. Provide fire rated grid where indicated or scheduled, or required by local codes.
  6. Finish: White
- b. Kitchen (LT-2)
1. Manufacturer: Armstrong (National Account Pricing Available)
  2. Panels: #670 Vinyl Faced Gypsum Panels (Class A fire rated where required by code)
  3. Size: 2'x4'-0" x 1/2"
  4. Edges: Square
  5. Suspension System: Prelude XL, 15/16" Exposed Tee grid.
    - a. Exposed, direct hung, per ASTM C636.
    - b. Concealed grid member shall be electro-galvanized.
    - c. Structural Classification: Intermediate duty.
    - d. Provide fire rated grid where indicated or scheduled, or required by local codes.
  6. Finish: White
- c. Order / Pick-up (LT-3)
1. Manufacturer: Armstrong (National Account Pricing Available)
  2. Panels: #670 Vinyl Faced Gypsum Panels (Class A fire rated where required by code)
  3. Size: 2'x4'-0" x 1/2"
  4. Edges: Square
  5. Suspension System: Prelude XL, 15/16" Exposed Tee grid.
    - a. Exposed, direct hung, per ASTM C636.
    - b. Concealed grid member shall be electro-galvanized.
    - c. Structural Classification: Intermediate duty.
    - d. Provide fire rated grid where indicated or scheduled, or required by local codes.
  6. Finish: Paint to match LT-1 above
2. Miscellaneous Materials:
- a. Hanger Wire: Galvanized carbon steel wire, ASTM A641, soft temper, pre-stretched Class 1 coating, sized so that stress at 3-times hanger design load (ASTM C636, Table 1, Direct Hung), will be less than yield stress of wire, but provide not less than 12 gauge.
  - b. Edge Moldings and Trim: Metal of types and profile indicated or, if not indicated, provide manufacturer's standard molding for edges and penetrations on ceiling which fits with type of edge detail and suspension system specified.
3. Installation:
- a. Install suspension systems to comply with ASTM C636. Locate hangers not less than 6" from each end and spaced 4'-0" along each carrying channel or direct-hung runner, unless otherwise indicated: leveling to tolerance of 1/8" in 12'-0". In kitchen areas, hangers shall be spaced 3'-0" along each carrying channel or direct-hung runner to obtain load capacity of 16 lbs/ft<sup>2</sup>. Provide hanger wire at 4' on corner of each recessed fluorescent fixture.
  - b. Secure wire hangers by looping and wire-tying, either directly to structures or to inserts, eye screws, or other devices which are secure and appropriate for substrate, and which will not deteriorate or fail with age at elevated temperatures.
  - c. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum, which are not part of supporting structural or ceiling suspension system. Splay hangers only where required to make obstructions and offset receding horizontal force by bracing, counter-splaying or other equally effective means.
  - d. Install edge moldings of type indicated at perimeter of acoustical ceiling area and at locations where necessary to conceal edges of acoustical units.
  - e. Edge concealed units to comply with ceiling trim, edge moldings, and suspension members comply with manufacturer's instructions for cleaning and touch-up of minor finish damage. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.
- SECTION 0967 - RESILIENT BASE (VINYL)**
1. Furnish labor, materials, services, equipment and appliances required for resilient base work indicated on the Drawings and specified herein.

**SECTION 09679 - RESILIENT BASE (VINYL**

1. Furnish labor, materials, services, equipment and appliances required for resilient base work indicated on the Drawings and specified herein.
2. The Drawings were prepared and this Specification written on the basis of using the products of Burke, Inc., San Francisco, CA. It is not the intent to limit competitive bidding. Products with equal characteristics by other manufacturers are acceptable under the conditions of these Specifications.
3. Base:
  - a. Type: "Cove" Base: use at hard surface and/or resilient flooring floor installations scheduled "vinyl base" on the Drawings.
  - b. Trim Pieces: Match base type.
  - c. Color: #217 Charcoal (Supplied by the Owner).
4. Adhesive as recommended by base manufacturer.
5. Conditions:
  - a. Temperature: Maintain minimum temperature of 70 degrees F for 48 hours before, during and for 48 hours after. Do not install base when temperature is below 70° F degrees.
  - b. Surface of Wall: Clean surfaces to receive base free from moisture, paint, oil, wax, or other films which may affect adhesion. Fill cracks, rough areas, joints, and other surface defects.
6. Deliver installation until work that might cause damage to base has been completed. Install "cove" base after installation of adjacent floor surface.
7. Application:
  - a. Adhesive: Apply in accord with base manufacturer's instructions; cover at least 75 percent of back of base.
  - b. Base and Trim Pieces: Use molded inside and outside corners and stops where base terminates, as at doors. Install with tight joints on top and bottom edges in firm contact with walls and floors.
  - c. Fitting: Tight-fit each joint, tops of adjacent pieces matched; each piece in contact with floor and adjacent piece or trim pieces.



**#404 SAN JOSE, CA**  
**CHUCKECHEESE'S**  
1371 KOOSER RD.  
SAN JOSE, CA 95118



|                                                                                                |          |
|------------------------------------------------------------------------------------------------|----------|
| PROJ. NO. °                                                                                    | 14923    |
| DRAWN °                                                                                        |          |
| CHECKED °                                                                                      | SW/CIC   |
| ISSUED/REVISED °                                                                               | DATE     |
| DESIGN REVIEW °                                                                                | 04/15/15 |
| PERMIT/PRICING °                                                                               | 05/08/15 |
| REVISION  | 07/15/15 |
| REVISION  | 07/29/15 |
| CONSTRUCTION °                                                                                 | -/-/-    |
| REVISION °                                                                                     | -/-/-    |
| REVISION °                                                                                     | -/-/-    |
| DRAWING TITLE °                                                                                |          |
| ARCHITECTURAL SPECIFICATIONS                                                                   |          |

# SP.3

REV PERMIT SET - 07/29/15

DIVISION 9 - FINISHES (cont.)

SECTION 09800 - CARPET

1. Work of this Section consists of installing all materials furnished under this Section, including all equipment, labor, services, and incidental items required to complete Work as shown on Drawings and specified in this Section.
- a. Preparation of substrate to receive Carpet as required and specified in this Section.
- b. Glue-Down Carpet Installation, complete with Accessories.
2. Shop Drawings:
- a. Show layout and seaming diagrams.
- b. Indicate pile of pattern direction and locations and types of edge strips.
- c. Indicate columns, doorways, enclosing walls or partitions, built-in cabinets and locations where cutouts are required in carpet.
- d. Show installation details at special conditions.
3. Substrate Conditions – Direct Glue Down on new or existing Concrete:
- a. No condensation within 48 hours on underside of 4 ft. x 4 ft. polyethylene sheet, fully taped at perimeter to substrate.
- b. Max. 9 pH when substrate wetted with potable water and pHDon paper applied.
4. Materials:
- a. Carpet: Owner-furnished, Contractor installed. Manufacturer and colors as specified on the drawings.
- b. Accessories:
- i. Carpet Edge Guard – Marble, as detailed in drawings. Color to be determined by Owner.
- ii. Seaming Cement: Hot-melt seaming adhesive or similar product recommended by carpet manufacturer, for taping seams and butting cut edges at backing to form secure seams and prevent pile loss at seams.
- iii. Carpet Adhesive: Water –resistant, nonstaining-type recommended by carpet manufacturer, and complying with flammability requirements for installed carpet.
- iv. Miscellaneous Materials: As recommended by manufacturers of carpet and other carpeting products, and selected by installer to meet Project Circumstance and requirements.
5. Preparation: Clear away debris and scrape up cementitious deposits form surfaces to receive carpeting; apply sealer to prevent dusting.
6. Installation:
- a. Comply with manufacturer's recommendations for seam locations and direction of carpet; maintain uniformity of carpet direction and lay of pile.
- i. At doors, center seams under doors in closed position.
- ii. So not place seams perpendicular to doorframe, in traffic direction through doorways.
- iii. Extend carpet under removable flanges and furnishings, and into alcoves and closets of each space.
- iv. Provide cutouts where required, and bind cut edge of carpet is exposed; anchor guards to substrate.
- v. Install carpet edge guard where edge of carpet is exposed; anchor guards to substrate.
7. Glue-Down Installation:
- a. Fit sections of carpet into each space before application of adhesive.
- b. Trim edges and butt cuts with seaming cement.
- c. Apply adhesive uniformly to substrate in accordance with manufacturer's instructions.
- d. Butt carpet edges tightly together to form seams without gaps.
- e. Roll entire carpet area lightly to eliminate air pockets and ensure uniform bond.
- f. Remove adhesive promptly from face of carpet by method, which will not damage carpet face.

SECTION 09770 - PREFINISHED WALL PANELS

1. Manufacturer: Marlite, 202 Harger Street, Dover, Ohio 44622.
2. Panels:
- a. Wall Panels: Decorative 1/4 inch, pre-finished wall panels to be Marlite Plank, product number PLK-5446-S2V, color: "Morning Haze".
- b. Slotted panels: Pre-finished 3/4 inch, slotted merchandising panels to be Marlite Displawall, product number 2764, color: "Crystal Gray".
3. Accessories:
- a. All molding and trim shall be pre-finished at the factory to meet site conditions per manufacturer's standard detailing.
- b. Adhesive to be C-375 Marlite Construction Adhesive as required, to meet ASTM C557.
- c. Wall brackets to be utilized per manufacturer's standard details for installation intended.
- d. Sealant to be MS251 Marlite Silicon Sealant as required.
3. Preparation:
- a. Pre-finished panels must be installed over a smooth, solid, flat sub wall assembly.
- b. Do not begin installation until building is completely enclosed and interior conditions are being maintained as intended during occupancy; approximately 70 degrees F.
- c. Cartons should be opened and allowed to acclimate to room conditions for at least 48 hours prior to installation.
5. Installation:
- a. Install in strict accordance with manufacturer's written instruction, especially in regard to fastening system and bracket spacing necessary to achieve optimum capacity.
- b. Avoid contamination of panel faces with adhesives, solvents or cleaners; clean as necessary and replace if not possible to repair to original condition.
- c. Protect installed products until completion of project.

SECTION 09900 - PAINTING

1. Provide labor, materials, equipment and related items required to complete the exterior and interior items and surfaces throughout the project including filling, sealing, priming, and finishing.
2. Mechanical and Electrical work to be painted includes the following a (but not limited to):
- a. Exposed piping and/or pipe insulation, inside and outside building.
- b. Mechanical equipment supports.
- c. Exposed conduit, boxes, and panel fronts.
3. Ensure surface temperatures and the surrounding air temperature are above 50 degrees F. before applying paint materials.
4. Provide adequate continuous ventilation and sufficient heating facilities to maintain temperature above 45 degrees F. for 24 hours before, during and 48 hours after application of paint and materials.
5. Provide minimum 25-foot candles of lighting on surfaces to be painted.
6. Acceptable Manufacturer
- a. Sherwin Williams
7. Perform preparation, filling, sealing, sanding, and cleaning of surfaces scheduled to be painted in accordance with paint manufacturer's instructions.
8. Remove hardware and accessories, fittings, and fastenings, electrical plates, lighting fixture and similar items. Reinstall removed items after completion of painting.
9. Do not paint over dirt, dust, stains, rust, scale, oil, grease, moisture, scuffed surfaces, or other contamination or conditions detrimental to formation of a durable paint film.
10. Backprime woodwork as follows:
- a. Exterior painted wood and lap siding: "Latex Exterior Primer".
11. Apply paint in accordance with paint manufacturers instructions and as herein specified.
12. Apply each coat of paint at no less than spreading rate indicated in manufacturer's instructions.
13. Sand lightly between enamel coats.
14. Completely cover items/surfaces scheduled to be painted, to provide a smooth surface of uniform finish, color, appearance and paint material coverage free from cloudiness, spotting, holidays, laps, brush marks, runs, streaks, sags, ropiness and other surface imperfections.
15. Tentative Paint List: Where any particular application is not mentioned in this list, Contractor shall figure on application of manufacturer's specification for application which is consistent with types and qualities listed herein. Colors are indicated on drawings.

Exterior Surfaces

1. Wood Trim (Paint)
- 1<sup>st</sup> coat: Sherwin Williams - A100 Exterior Latex Wood Primer, B2W41 (4 mils wet, 1.4 mils dry)
- 2<sup>nd</sup> coat: Sherwin Williams - A100 Exterior Latex Satin, A82 Series
- 3<sup>rd</sup> coat: Sherwin Williams - A100 Exterior Latex Satin, A82 Series (4 mils wet, 1.4 mils dry per coat)
2. Wood "Stained"
- 1<sup>st</sup> coat: Lauritzen & Makin, Inc. Wood stain.
- 2<sup>nd</sup> coat: Same as first coat.
- 3<sup>rd</sup> coat: Marine Varnish, Satin finish, or acceptable substitute, with manufacturer's application instructions included with each container.
3. Ferrous Metals and Exposed Gas Lines
- 1<sup>st</sup> coat: DTM Acrylic Primer/Finish, B66W1 (6 mils wet, 3 mils dry)
- 2<sup>nd</sup> coat: Sherwin Williams A100 Exterior Latex Satin, A82 Series
- 3<sup>rd</sup> coat: Sherwin Williams A100 Exterior Latex Satin, A82 Series (4 mils wet, 1.4 mils dry per coat)
- Note: Omit first coat on materials already prime painted but touch up bare spots with Metal primer.
4. Stucco and EIFS
- 1<sup>st</sup> coat: Sherwin Williams Loxon Conditioner (A24-100 Series)
- 2<sup>nd</sup> coat: Sherwin Williams A100 Exterior Latex Satin, A82 Series
- 3<sup>rd</sup> coat: Sherwin Williams A100 Exterior Latex Satin, A82 Series (4 mils wet, 1.4 mils dry per coat)

Interior Surfaces

5. Concrete Masonry:
- 1<sup>st</sup> coat: Sherwin Williams Loxon XP™ Waterproofing System, A24 Series (Block Filler)
- 2<sup>nd</sup> coat: Sherwin Williams A100 Exterior Latex Satin, A82 Series
- 3<sup>rd</sup> coat: Sherwin Williams A100 Exterior Latex Satin, A82 Series (4 mils wet, 1.4 mils dry per coat)
6. Pre-painted Equipment (Roof-top Equipment, Transformers, Etc.)
- 1<sup>st</sup> coat: Sherwin Williams A100 Exterior Latex Satin, A82 Series
- 2<sup>nd</sup> coat: Same as first coat.
7. Wood Trim "Stained"
- 1<sup>st</sup> coat: Lauritzen & Makin, Inc. (817/921-0218) wood stain.
- 2<sup>nd</sup> coat: Sherwin Williams Polyurethane varnish, A67 Series, Satin.
8. Wood Doors "Stained"
- Same as for Exterior Wood "Stained"
9. Woodwork Backpriming
- One coat: Sherwin Williams ProMar Classic Interior Latex Primer, B28W100.
10. Gypsum Wallboard
- 1<sup>st</sup> coat: Sherwin Williams ProMar 400 Latex Semi-gloss Wall Paint, B31-400
- 2<sup>nd</sup> coat: Sherwin Williams ProMar 400 Latex Semi-gloss Wall Paint, B31-400
11. Ferrous Metal and Gas Lines
- First: Remove all dirt, grease, oil, and scaly material.
- 1<sup>st</sup> coat: DTM Acrylic Primer/Finish, B66W1 (6 mils wet, 3 mils dry)
- 2<sup>nd</sup> coat: Sherwin Williams ProMar 200 Latex Eg-SheI, B20W200 Series
- 3<sup>rd</sup> coat: Sherwin Williams ProMar 200 Latex Eg-SheI, B20W200 Series (4 mils wet, 1.5 mils dry per coat)

DIVISION 10 - SPECIALTIES

SECTION 10160 - TOILET COMPARTMENTS

1. All compartments and screens are furnished and installed by the Contractor. Manufacturer equal to Global Steel Products; Floor mounted / Overhead braced partitions.
2. Steel Sheets for Stainless Steel Finish: ASTM A 591 (ASTM A 591M), Class C, galvanized-bonderized, of following minimum thicknesses:
1. Pilasters (overhead-braced): 1 1/4" thick panels with (22 ga.) steel sheets.
2. Panels and Screens: 1" thick panels with (22 ga.) steel sheets.
3. Doors: 1" thick panels with (22 ga.) steel sheets.
4. Core: Honeycomb core.
5. Reinforcement: Provide plywood cores at grab bar locations.
6. Finish: Brushed Stainless Steel finish.
7. Hardware: Manufacturer's standard hardware; chromium-plated diecast Zamac.
3. Install partitions secure, plumb, level and square
4. Mount panels, doors and urinal screens with bottom edges 12 inches above the floor.
5. Mount headrails for bracing 12 inches above tops of doors and panels.
6. Attach panel brackets securely to walls using appropriate anchorage devices.
7. Attach panel and plaster to brackets with through bolts and nuts.
8. Anchor urinal screens to walls to support 150 pound loads required in RR-P-1352.
9. Conceal floor fastenings with plaster shoes.
10. Equip each door with hinges, latch, keeper and stop, door pull and coat hook with bumper.
11. Adjust and align hardware to uniform clearance at vertical edges of doors not exceeding 3/16 inch.
12. Adjust hinges to locate doors in partial open position when unlatched.
- a. Set Accessible Compartment doors to return within 5 degrees of closed position.
- b. Set all other doors to return within 30 degrees of closed position.
- SECTION 10265 - CORNER GUARDS
1. Coordinate the work with wall or partition Sections for installation of concealed blocking or anchor devices.
2. Deliver, store and handle products in accordance with Section 01600
3. Corner Guards
- a. At all exposed corners in Kitchen area.
1. Design: Surface applied with adhesive.
2. Material: Stainless Steel, 2 inch x 2 inch x full height.
3. Thickness: 16 gauge.
4. Finish: No. 4 Satin.
5. Taper edge.
- b. At all exposed corners throughout building except Kitchen area.
1. Design: Surface applied with adhesive.
2. Material: Extruded Plastic, 1 1/4 inch x 1 1/4 inch x 4 feet.
3. Finish: Glossy White.
4. Taper edge.
4. Verify that substrate finishes are complete and attachment devices in hollow walls are accurately located.
5. Installation
- a. Install using skilled workmen.
- b. Locate devices as shown on the Drawings.
- c. Stop corner guards at heights indicated from top of base to bottom of ceiling, unless noted otherwise.

SECTION 10442 - INTERIOR DOOR SIGNS

1. Design and Fabrication
- a. All patterns for fabrication, regardless of production technique, method, or process specified, shall be approved by the Architect prior to production in order to ensure conformity to design with regard to letter form and height, wording, spelling, capitalization, punctuation, letter spacing, leading and layout or composition.
2. The drawings were prepared and this specification written on the basis of using the products of Kroy Sign Systems, Scottsdale, Arizona. It is not the intent to limit competitive bidding. Products with equal characteristics by other manufacturers are acceptable under the conditions of these specifications.
3. Regulatory signage series opaque acrylic, matte finish plaques, with front surface hot stamp graphics, in low profile frame. Configuration shown on drawings to conform with Americans With Disabilities Act regulatory requirements.
4. Provide one sign (unit) for each restroom door opening for public facilities.
5. Installation shall be started at the time established by the General Contractor. However, no sign work shall be permitted in the building before the building is completely enclosed and all painting and work of other trades is finished.
6. Install signs in accord with approved shop drawings. Install true to line, plumb, level, square, in proper planes with other work and free from objectionable defects. Anchor to adequately resist all normally subjected stresses.
- SECTION 10923 - PORTABLE FIRE EXTINGUISHERS
1. Section includes Fire extinguishers and Mounting brackets
2. Provide new portable fire extinguishers which are UL listed and bear UL "Listing Mark" for type, rating, and classification of extinguisher indicated.
3. Dining Area Fire Extinguishers:
- a. Provide where located on drawings, equal to J.L. Industries "Cosmic A" Series Model 10E, Class A, B, and C, cabinet-mounted 10 lb. capacity with nozzle. Approved equal fire extinguisher as manufactured by Larsen's Manufacturing Co., or Muckie Manufacturing Co. shall also be acceptable for use on this project.
- b. Semi-recessed cabinet with rolled edge trim, Ambassador Series, fabricated of at least 18 gauge steel, box size 10 1/2 x 24 x 6, factory prime coated for field painting. Cabinet to have Vertical Duo-panel with clear acrylic glazing and Self-Lock.
4. Kitchen Area Fire Extinguishers:
- a. Provide a minimum of two, equal to J.L. Industries "Galaxy Series - Model E" wall-mounted, dry chemical type 40 BC UL rated, 6 lb. capacity fire extinguishers with pressure gauge.
- b. Brackets: Equal to J.L. Industries "Mark Brackets, Model MB50R" for Model 6 fire extinguisher.
6. Anchors: Non-corrosive types as required by wall conditions.
7. Mount in strict conformance with manufacturer's instructions; in locations noted on drawings and locations directed by local fire marshal.

SECTION 10800 - TOILET ACCESSORIES

1. All toilet accessories are furnished and installed by the Contractor. Coordinate rough-in, openings and wood blocking.
2. Install fixtures, accessories and items in accordance with manufacturer's instructions, and where affected, at heights or locations for the handicapped as indicated or specified herein.
3. Install true, plumb and level, securely and rigidly anchored to substrate.
4. See Typical Restroom Accessories Schedule for Manufacturer and item number information.
5. Baby Changing Stations (Koala Bear Kare) to be furnished and installed by the Contractor. This is a non-substitute item to be ordered from:
- Koala Kare Products  
6962 South Quentin Street  
Centennial, CO 80112  
Phone: 1-888-733-3456

DIVISION 11 - EQUIPMENT

SECTION 11400 - FOOD SERVICE EQUIPMENT INSTALLATION

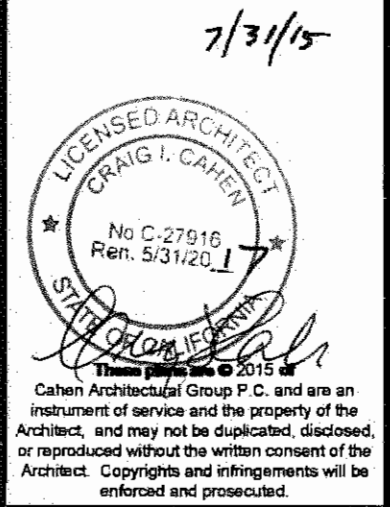
1. Section includes: Installation of Owner provided food service equipment. This equipment shall be furnished, assembled, and set in place under separate contract, with final utility connection by General Contractor.
2. Related Sections
- a. Mechanical and electrical services and final connections to equipment.
3. Owner will provide equipment manufacturer's installation instructions for Contractor's use.
4. Owner will provide equipment manufacturer's operation and maintenance data for Contractor's use.
5. Coordinate size of access and route to place of installation.
6. Owner Provided (By Owner):
- a. Equipment scheduled on the drawings.
- b. Mechanical refrigeration systems, including compressor units, condensers, evaporator coils, and control valves.
- c. Motor starters.
- d. Walk-in refrigerator/freezer thermostats.
- e. Stainless steel trim strips, supports and connections, attachment devices, and accessories.
7. Contractor Provided: Refrigerant System Installation.
- a. Refrigerant Lines: Type "L" hard copper tubing.
- b. Fittings: Wrought copper or brass designed for use with high temperature solder.
- c. Piping Joints: Made with silver solder (Sil-Fos).
- d. Piping: Properly suspended from an anchor to the structure with adjustable hangers 6' o.c. maximum.
- e. Suction Lines: Size to have maximum pressure drop of two pounds in medium temperature systems, one pound in low temperature system.
- f. Liquid Lines: Sized to give maximum pressure to prevent trapping of oil. Rigid insulation on all suction lines to be Armaflex insulation by Armstrong - 1" thick at medium temp., 1-1/2" thick at low temp. Refrigerant lines in PVC or EMT conduit to be sealed at both ends with Dow Corning 3-8548 silicone RTV foam.
- g. Evacuation and Charging: After completion of the pressure test, the system shall be evacuated using an approved auxiliary vacuum pump. Connections for evacuations to be in accordance with manufacturer's recommendations.
8. Delivery, Handling and Storage
- a. Delivery: Upon receiving equipment, check crates/cartons identification labels with receiving P.O.; assure correct item has been received.
- b. Handling: Uncrate equipment in organized manner. Take care not to misplace loose parts, accessories, assembly and operating instructions, and warranty cards. Keep utility hookup notes and tags on equipment until after connections are made. Assemble in workmanship manner in accord with manufacturer's directions, taking care to make sure fasteners are tight and components are aligned and square.
- c. Storage: Store equipment clear of floor in manner to prevent warping, twisting, or sagging.
9. Installation

- a. Install items in accord with manufacturer's instructions and fabricator's shop drawings. Install in accord with local governing Health, Building, and Safety, and Fire Protection Codes and Regulations and NEMA, UL, AIA, ASME and NFPA.
- b. Electrolysis: Insulate to prevent electrolysis between dissimilar metals. Provide sealant to achieve clean joint without crevices.
- c. Equipment:
1. General: Set in place and position per kitchen equipment plan; ready for utility hook up. After utility hookups are made, level and secure dishabiles to slope toward dishwasher. Completely close and seal gaps, joints and seams between fixtures/equipment and walls, ceilings and floors with stainless steel trim strips and/or clear silicone sealant. Do not use sealant in joints or seams over 3/16 inch wide.
2. Refrigerant Piping: Install copper tubing and fittings. Cut with pipe cutters and reshape with sizing tool. Expose piping to view as required by American Standard Safety Code for Mechanical Refrigeration. For exposed areas or accessible furred ceiling spaces, use hard copper tubing. Run exposed tubing in such manner as to prevent damage from activities in areas; otherwise run tubing in pipe or conduit.
- a. Suction Lines: Size to give max pressure drop from evaporator to machine of 2 lb. For high temp system and 1 lb. For freezer system, allowing gas velocities of not less than 750 rpm in horizontal runs and 1500 rpm in vertical risers. Size liquid lines to give max pressure drop of 3 lbs. from receiver to evaporator.
- b. Tubing Runs: Grade to prevent trapping of oil.
- c. Ties: Secure suction and liquid lines for each system together, except when run through conduit; 24 inch intervals with black plastic electrical tape.
- d. Insulation: Insulate refrigerant suction lines outside of refrigerated compartments back to compressors.
- e. Hangers and Supports: Provide adjustable hangers, anchors or straps required for proper support of piping not run in conduit. Space hangers not to exceed 10 feet o.c. and closer where required for proper support of small piping. Provide insulated refrigerant piping with approved type sleeves at hanger points.
3. Walk-in Cooler/Freezer Boxes: Transit level floor screens prior to wall and ceiling panel erection. Seal wall and/or ceiling penetrations for electrical conduits and refrigeration lines, etc., to prevent frost and condensate build-up. Electrical conduits, on exterior of box.
4. Oil Separators: Provide low temperature operations of system, return line connected to top of crankcase above oil level. Provide exposed oil return lines with shut-off valves of packless stem type.
5. Evaporator Coils: Support by hangers utilizing fish plates on top of walk-in unit a full 4 inches clear from underside of ceiling panels.
6. Remote Valve Systems: Installed by local manufacturer's representative installer.

APPROVED  
City of San Jose, Building Division  
□ Building  
Frank Cozzitorto, PE (408) 535-7665  
Plan No. \_\_\_\_\_ Date: \_\_\_\_\_

7076 South Allen Way  
Building A  
Centennial, Colorado 80112  
(303) 743-0022

CAHEN ARCHITECTURAL GROUP P.C.



#404 SAN JOSE, CA  
**CHUCKECHEESE'S**  
1371 KOOSER RD.  
SAN JOSE, CA 95118



|                              |          |
|------------------------------|----------|
| PROJ. NO.                    | 14923    |
| DRAWN                        | TEK      |
| CHECKED                      | SWIC     |
| ISSUED/REVISED               | DATE     |
| DESIGN REVIEW                | 04/15/15 |
| PERMIT/PRICING               | 05/08/15 |
| REVISION                     | 07/15/15 |
| REVISION                     | 07/29/15 |
| CONSTRUCTION                 | ---      |
| REVISION                     | ---      |
| REVISION                     | ---      |
| DRAWING TITLE                |          |
| ARCHITECTURAL SPECIFICATIONS |          |

SP.4

REV PERMIT SET - 07/29/15